

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121818\
 Data File : VX006631.D
 Acq On : 19 Dec 2018 06:58
 Operator : JC/MD
 Sample : J6408-10MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA.PZ135I-20181208MS

Quant Time: Dec 19 07:40:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	485641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	813180	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	760238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	390586	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	266779	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
35) Dibromofluoromethane	5.50	113	244958	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
50) Toluene-d8	8.71	98	878433	45.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.62%	
62) 4-Bromofluorobenzene	11.13	95	342973	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	204942	46.129	ug/l	99
3) Chloromethane	1.33	50	251445	52.533	ug/l	96
4) Vinyl Chloride	1.41	62	267161	53.443	ug/l	98
5) Bromomethane	1.64	94	257094	55.315	ug/l	99
6) Chloroethane	1.72	64	174294	50.354	ug/l	97
7) Trichlorofluoromethane	1.93	101	414974	53.244	ug/l	99
8) Diethyl Ether	2.19	74	169006	54.596	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	220036	48.083	ug/l	98
10) Methyl Iodide	2.51	142	393956	60.141	ug/l	99
11) Tert butyl alcohol	3.07	59	370045	316.794	ug/l	97
12) 1,1-Dichloroethene	2.37	96	231487	53.350	ug/l	93
13) Acrolein	2.29	56	179395	227.658	ug/l	99
14) Allyl chloride	2.73	41	357975	49.013	ug/l	98
15) Acrylonitrile	3.15	53	747235	288.115	ug/l	99
16) Acetone	2.45	43	648279	269.591	ug/l	97
17) Carbon Disulfide	2.57	76	542209	47.219	ug/l	99
18) Methyl Acetate	2.78	43	308090	43.572	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	815269	56.610	ug/l	97
20) Methylene Chloride	2.85	84	268172	53.932	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	248167	51.619	ug/l	91
22) Diisopropyl ether	3.87	45	748680	56.032	ug/l	97
23) Vinyl Acetate	3.82	43	2013006	184.183	ug/l	100
24) 1,1-Dichloroethane	3.70	63	428666	53.743	ug/l	99
25) 2-Butanone	4.70	43	929587	274.824	ug/l	99
26) 2,2-Dichloropropane	4.59	77	115898	18.810	ug/l	86
27) cis-1,2-Dichloroethene	4.60	96	288818	54.449	ug/l	93
28) Bromochloromethane	5.02	49	180494	53.823	ug/l	97
29) Tetrahydrofuran	5.15	42	639996	287.276	ug/l	98
30) Chloroform	5.21	83	463746	56.145	ug/l	97
31) Cyclohexane	5.57	56	365770	50.477	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	382007	54.772	ug/l	98
36) 1,1-Dichloropropene	5.80	75	331161	49.170	ug/l	99
37) Ethyl Acetate	4.86	43	261591	37.317	ug/l	99
38) Carbon Tetrachloride	5.78	117	322417	49.259	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	368628	41.574	ug/l	98
40) Benzene	6.14	78	1034906	50.552	ug/l	99
41) Methacrylonitrile	5.06	41	201382	51.122	ug/l	99
42) 1,2-Dichloroethane	6.20	62	351511	50.389	ug/l	99
43) Isopropyl Acetate	6.46	43	462226	43.337	ug/l	99
44) Trichloroethene	7.21	130	297822	48.065	ug/l	98
45) 1,2-Dichloropropane	7.51	63	258710	51.930	ug/l	98
46) Dibromomethane	7.66	93	186482	50.890	ug/l	94
47) Bromodichloromethane	7.90	83	313655	51.556	ug/l	100
48) Methyl methacrylate	7.77	41	294554	54.306	ug/l	99
49) 1,4-Dioxane	7.75	88	154479	1090.335	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1864180	274.694	ug/l	98
52) Toluene	8.79	92	680609	51.460	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	285122	43.698	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	330238	46.127	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	283761	52.416	ug/l	97
56) Ethyl methacrylate	9.18	69	413970	54.104	ug/l	98
57) 1,3-Dichloropropane	9.37	76	453690	52.089	ug/l	98
59) 2-Hexanone	9.49	43	1423598	274.170	ug/l	100
60) Dibromochloromethane	9.59	129	270129	47.816	ug/l	100
61) 1,2-Dibromoethane	9.67	107	307900	53.503	ug/l	99
64) Tetrachloroethene	9.34	164	274899	45.665	ug/l	98
65) Chlorobenzene	10.14	112	794838	49.419	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	265599	52.929	ug/l	99
67) Ethyl Benzene	10.25	91	1305270	49.665	ug/l	100
68) m/p-Xylenes	10.36	106	1037765	100.068	ug/l	100
69) o-Xylene	10.70	106	518349	50.616	ug/l	99
70) Stvrene	10.71	104	838620	51.762	ug/l	99
71) Bromoform	10.86	173	193830	43.463	ug/l #	99
73) Isopropylbenzene	11.02	105	1346335	50.385	ug/l	100
74) N-amyl acetate	10.90	43	352482	36.853	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	427370	53.779	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	430648	62.908	ug/l	86
77) Bromobenzene	11.26	156	369130	51.097	ug/l	96
78) n-propylbenzene	11.36	91	1466938	49.854	ug/l	100
79) 2-Chlorotoluene	11.42	91	891287	49.983	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1120516	50.912	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	70708	31.368	ug/l #	75
82) 4-Chlorotoluene	11.51	91	1027352	50.227	ug/l	99
83) tert-Butylbenzene	11.77	119	1151499	52.275	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	1144712	49.448	ug/l	99
85) sec-Butylbenzene	11.94	105	1345073	49.805	ug/l	99
86) p-Isopropyltoluene	12.07	119	1178935	49.660	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	650386	49.954	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	645283	48.290	ug/l	100
89) n-Butylbenzene	12.39	91	936399	46.347	ug/l	99
90) Hexachloroethane	12.60	117	171509	46.414	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	648061	49.759	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	83847	50.992	ug/l	95
93) 1,2,4-Trichlorobenzene	13.65	180	427750	47.613	ug/l	99

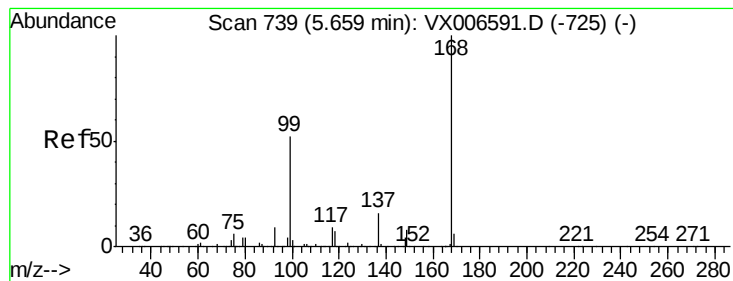
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121818\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	178917	42.252	ug/l	99
95) Naphthalene	13.83	128	1470351	51.279	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	444950	47.969	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

Instrument :

MSVOA_X

ClientSampleId :

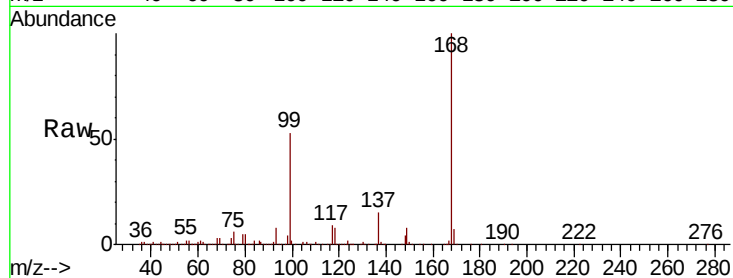
SA.PZ135I-20181208MS

Tot Ion:168 Resp: 485641

Ion Ratio Lower Upper

168 100

99 52.9 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

150000

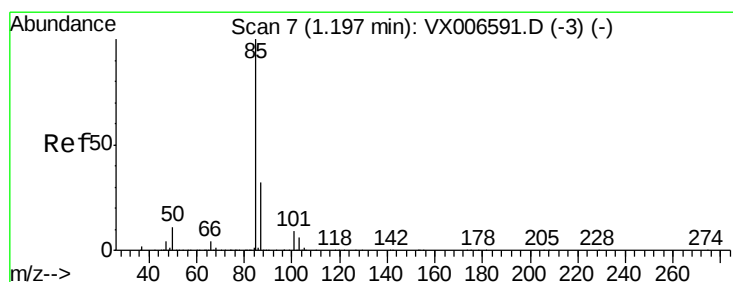
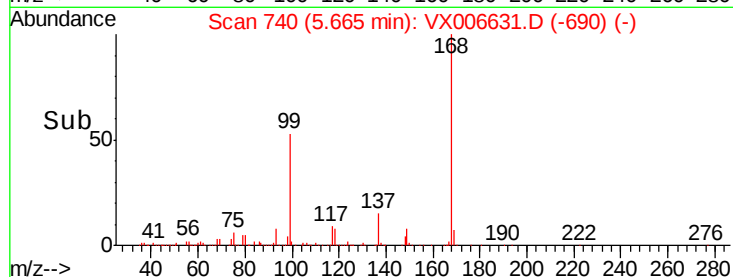
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 46.129 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006631.D

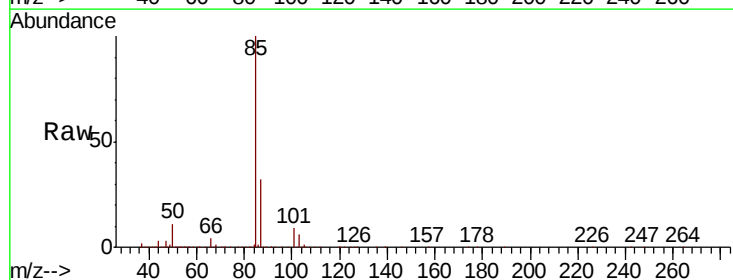
Acq: 19 Dec 2018 06:58

Tgt Ion: 85 Resp: 204942

Ion Ratio Lower Upper

85 100

87 31.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

150000

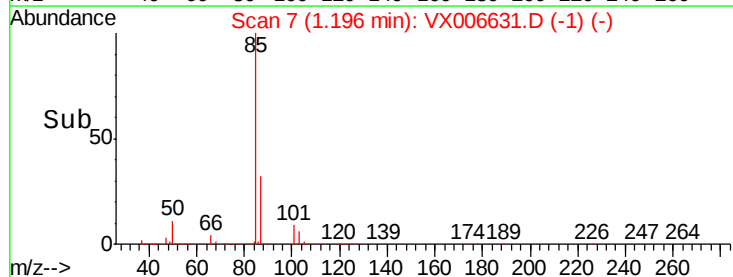
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Time-->

1.15 1.20 1.25 1.30

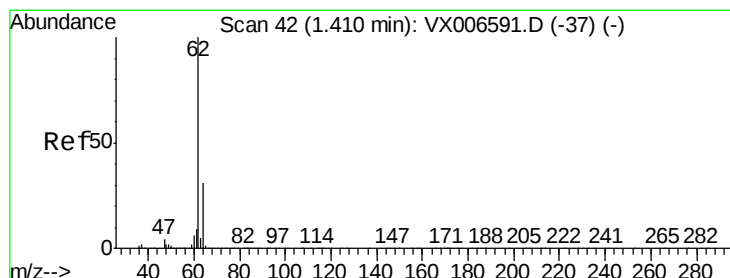
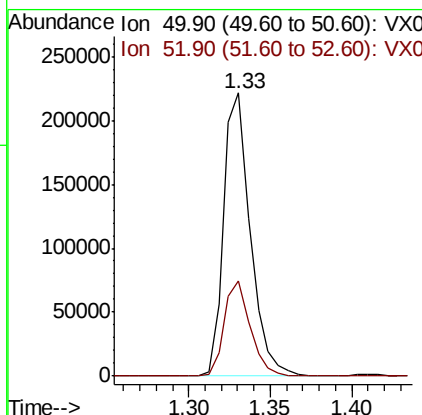
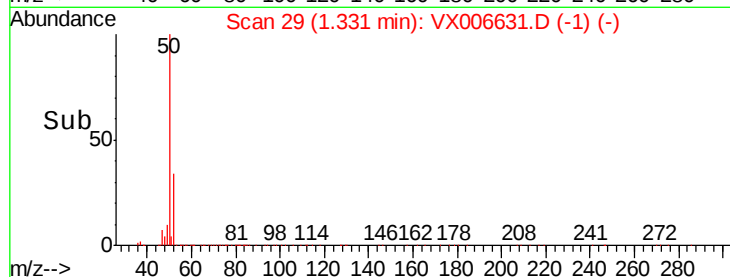
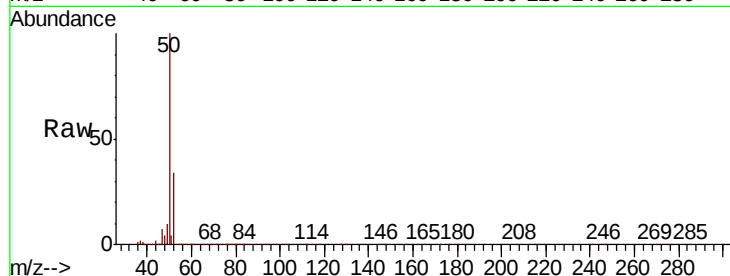




#3
Chloromethane
Concen: 52.533 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX006631.D
Acq: 19 Dec 2018 06:58

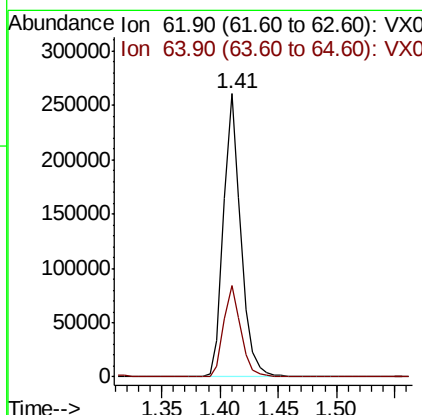
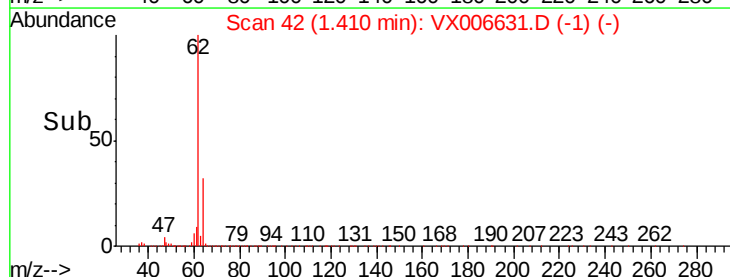
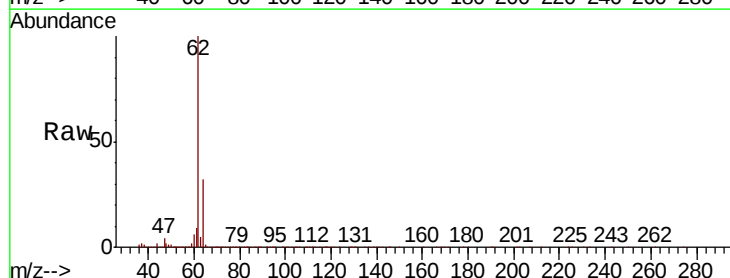
Instrument :
MSVOA_X
ClientSampleId :
SA.PZ135I-20181208MS

Tot Ion: 50 Resp: 251445
Ion Ratio Lower Upper
50 100
52 33.8 25.2 37.8



#4
Vinyl Chloride
Concen: 53.443 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX006631.D
Acq: 19 Dec 2018 06:58

Tgt Ion: 62 Resp: 267161
Ion Ratio Lower Upper
62 100
64 32.0 24.9 37.3





#5

Bromomethane

Concen: 55.315 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

Instrument :

MSVOA_X

ClientSampleId :

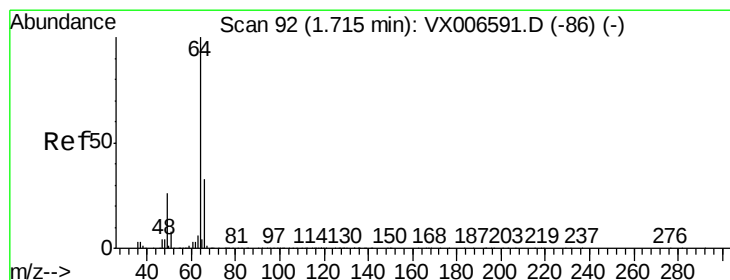
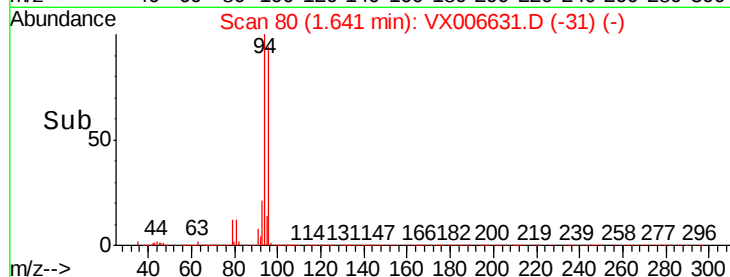
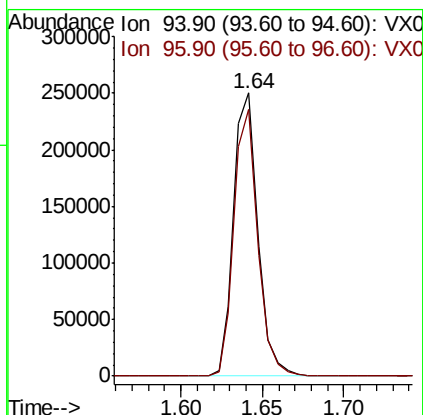
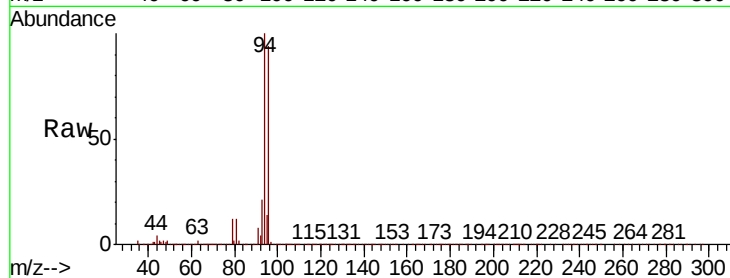
SA.PZ135I-20181208MS

Tot Ion: 94 Resp: 257094

Ion Ratio Lower Upper

94 100

96 94.4 74.5 111.7



#6

Chloroethane

Concen: 50.354 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006631.D

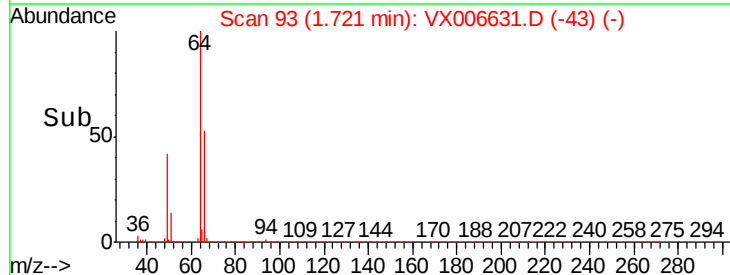
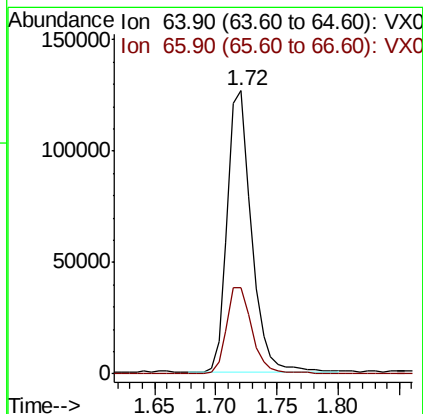
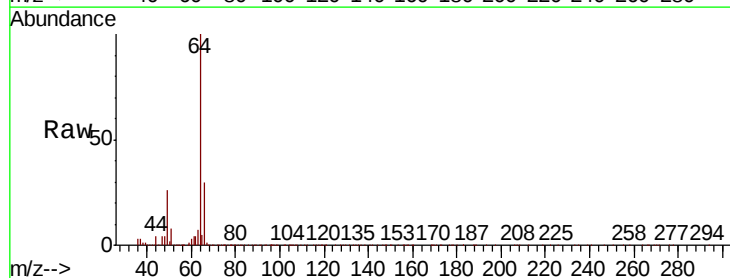
Acq: 19 Dec 2018 06:58

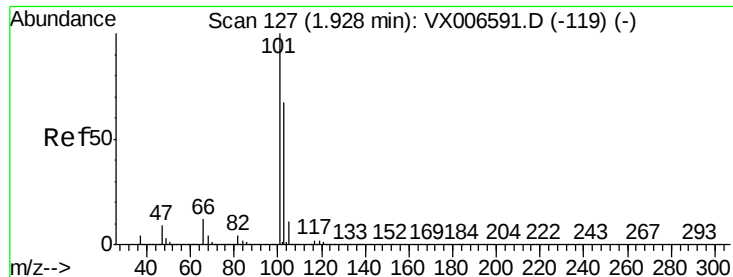
Tgt Ion: 64 Resp: 174294

Ion Ratio Lower Upper

64 100

66 30.5 25.9 38.9



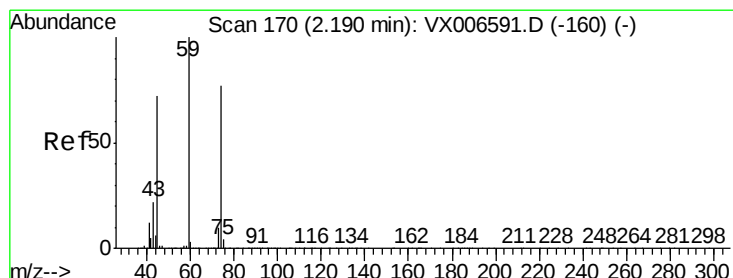
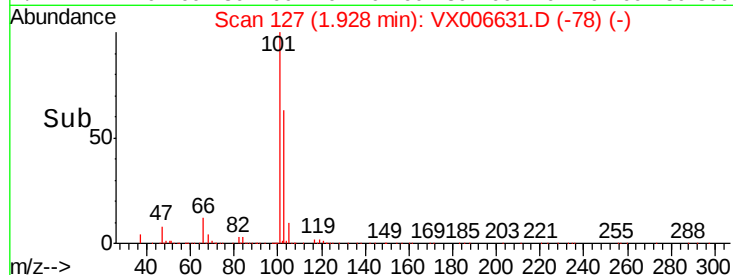
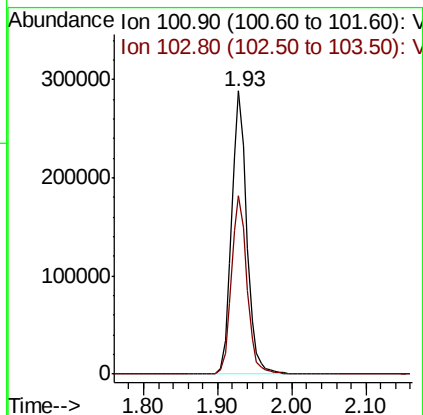
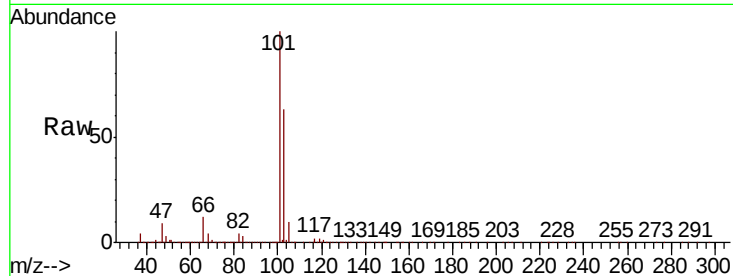


#7

Trichlorofluoromethane
Concen: 53.244 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006631.D
Acq: 19 Dec 2018 06:58

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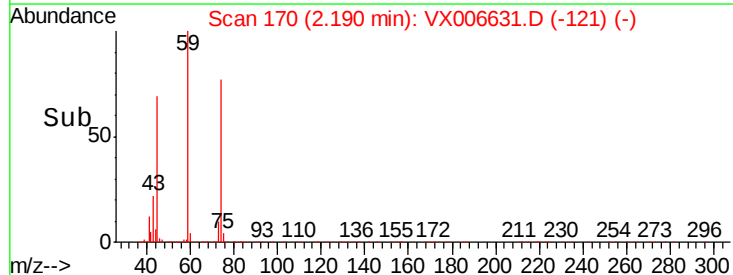
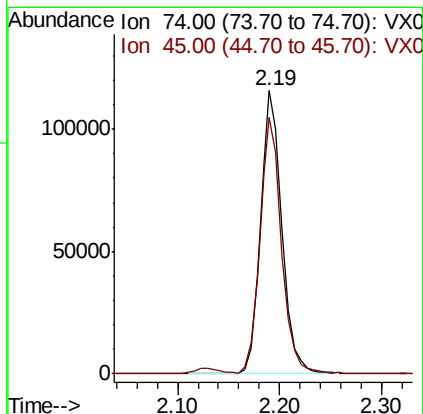
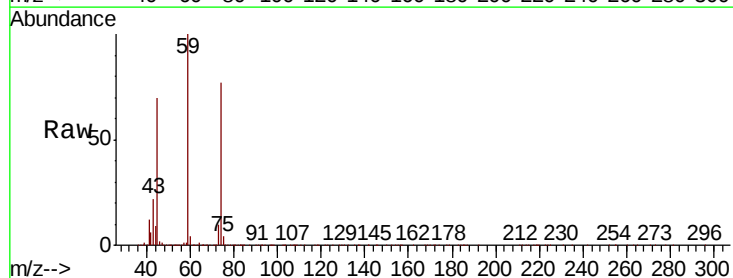
Tot Ion:101 Resp: 414974
Ion Ratio Lower Upper
101 100
103 63.2 51.0 76.4

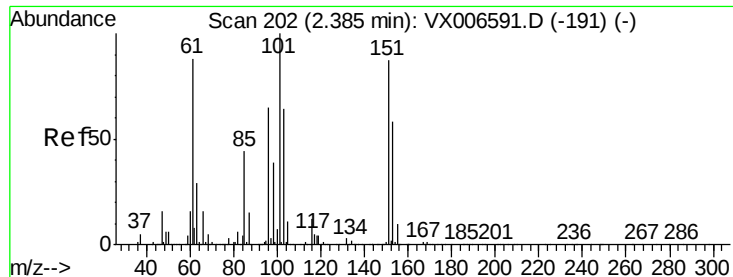


#8

Diethyl Ether
Concen: 54.596 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006631.D
Acq: 19 Dec 2018 06:58

Tgt Ion: 74 Resp: 169006
Ion Ratio Lower Upper
74 100
45 90.8 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.083 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

Instrument :

MSVOA_X

ClientSampleId :

SA.PZ135I-20181208MS

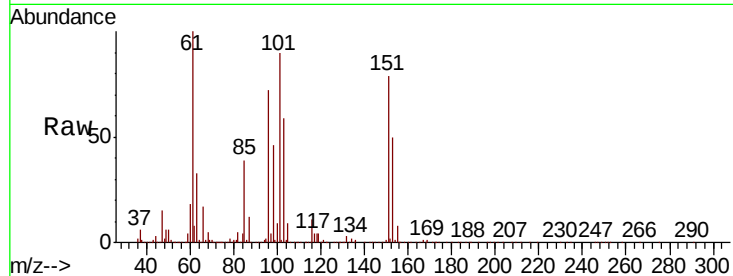
Tot Ion:101 Resp: 220036

Ion Ratio Lower Upper

101 100

85 44.3 35.5 53.3

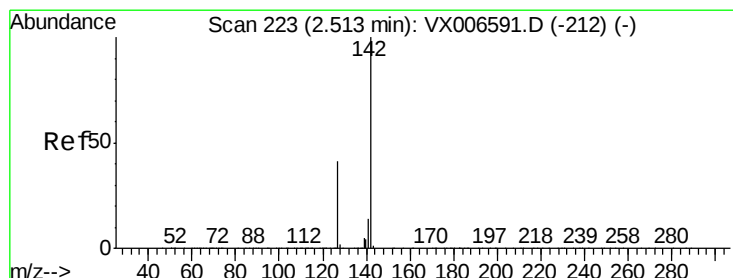
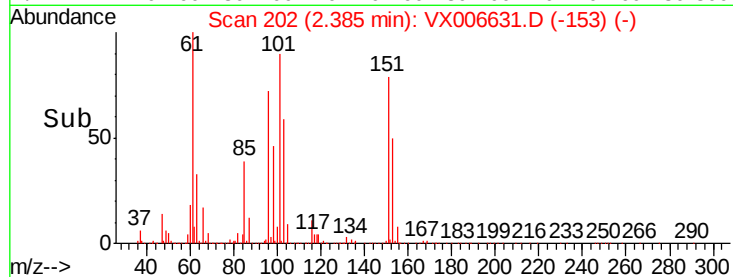
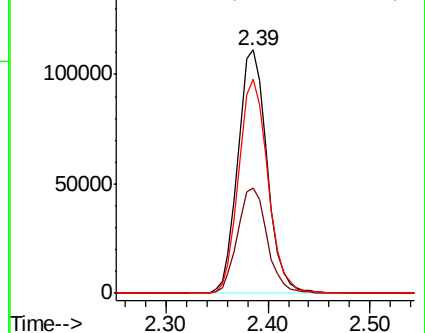
151 88.3 68.6 103.0



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: 60.141 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

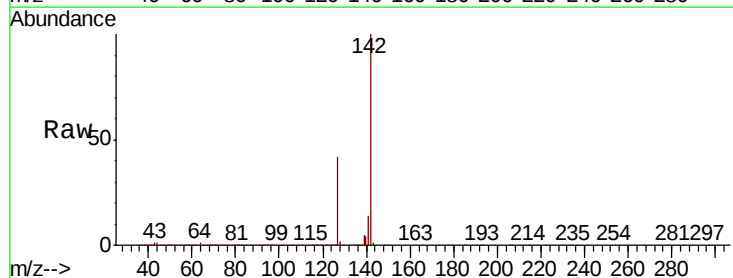
Tgt Ion:142 Resp: 393956

Ion Ratio Lower Upper

142 100

127 42.4 34.8 52.2

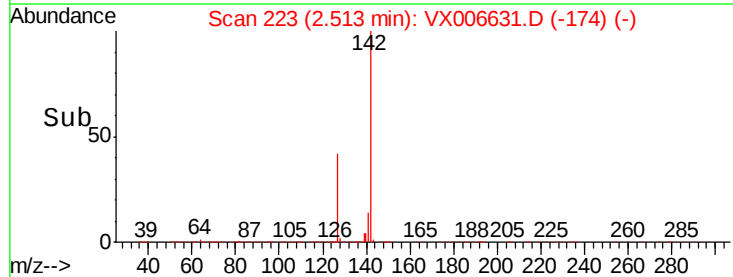
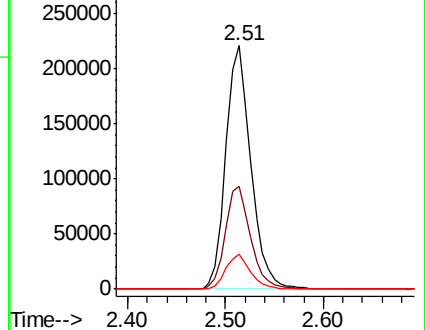
141 14.3 11.4 17.2

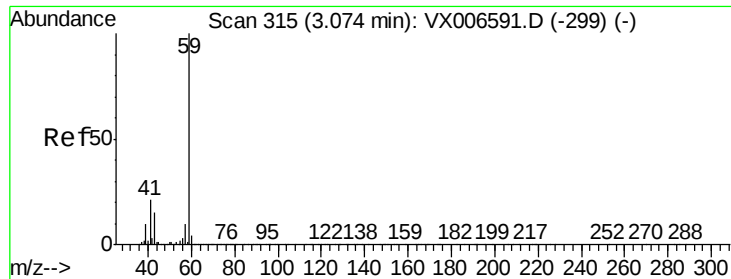


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

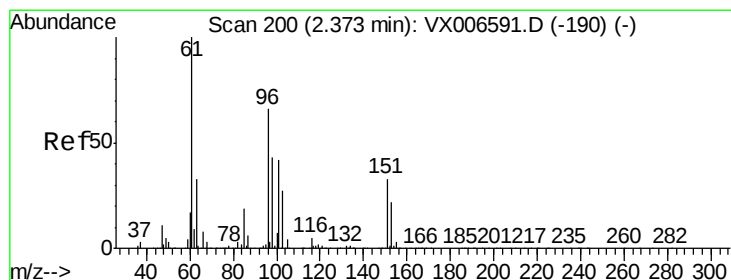
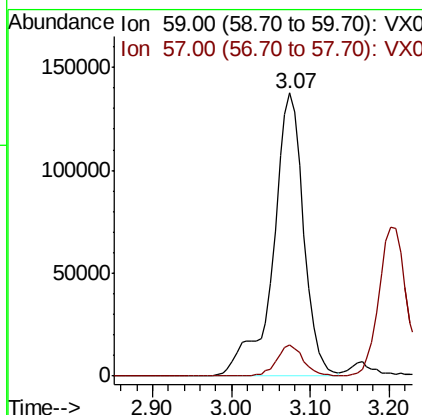
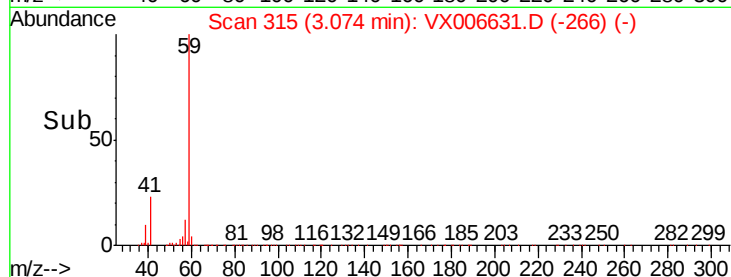
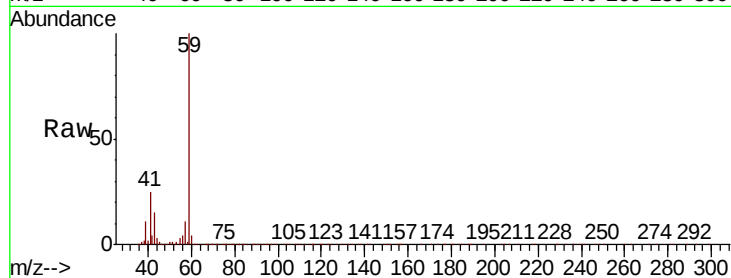




#11
Tert butyl alcohol
Concen: 316.794 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX006631.D
Acq: 19 Dec 2018 06:58

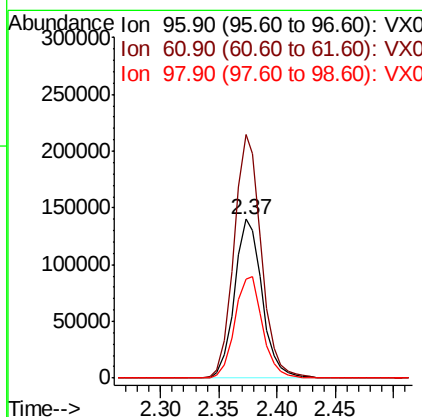
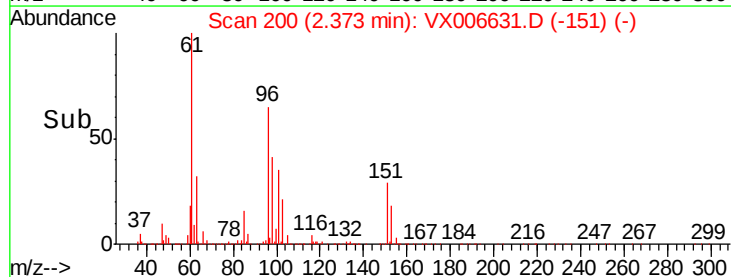
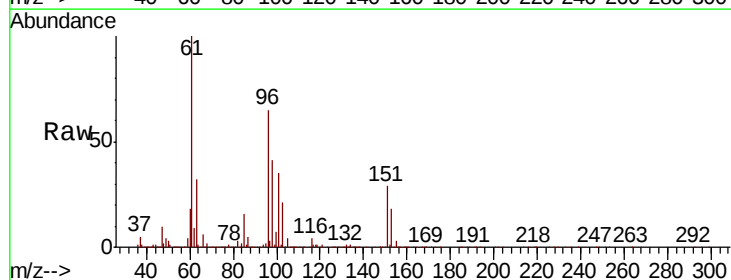
Instrument :
MSVOA_X
ClientSampleId :
SA.PZ135I-20181208MS

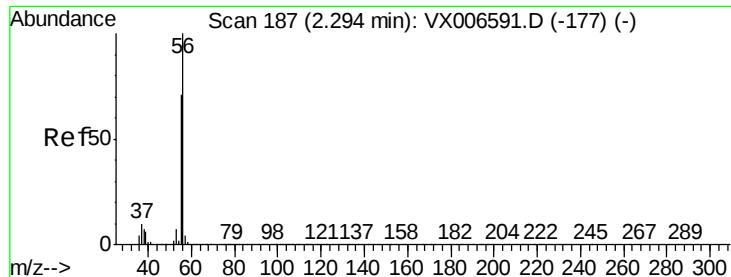
Tot Ion: 59 Resp: 370045
Ion Ratio Lower Upper
59 100
57 9.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 53.350 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006631.D
Acq: 19 Dec 2018 06:58

Tgt Ion: 96 Resp: 231487
Ion Ratio Lower Upper
96 100
61 153.3 131.7 197.5
98 62.6 51.8 77.6





#13

Acrolein

Concen: 227.658 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

Instrument :

MSVOA_X

ClientSampleId :

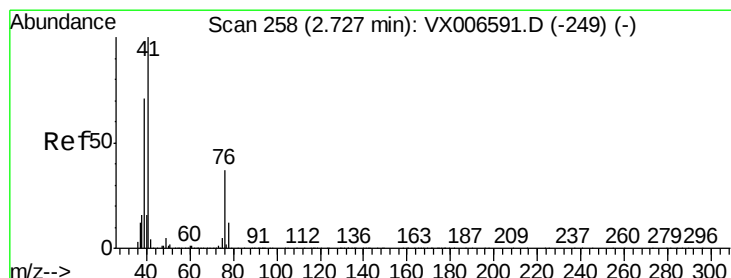
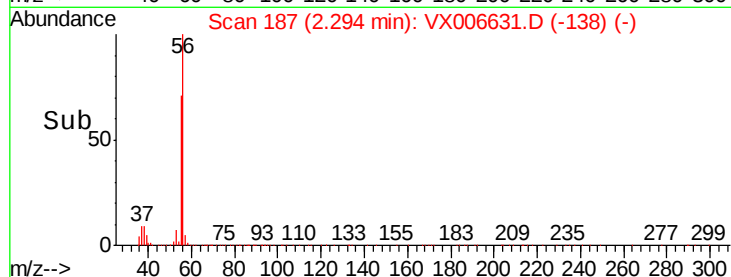
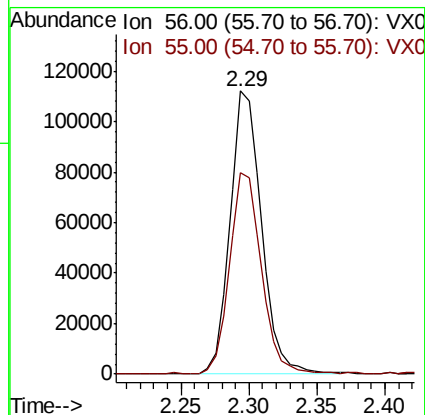
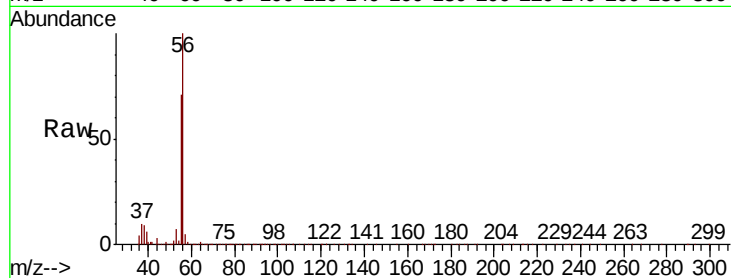
SA.PZ135I-20181208MS

Tot Ion: 56 Resp: 179395

Ion Ratio Lower Upper

56 100

55 71.7 57.8 86.6



#14

Allyl chloride

Concen: 49.013 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

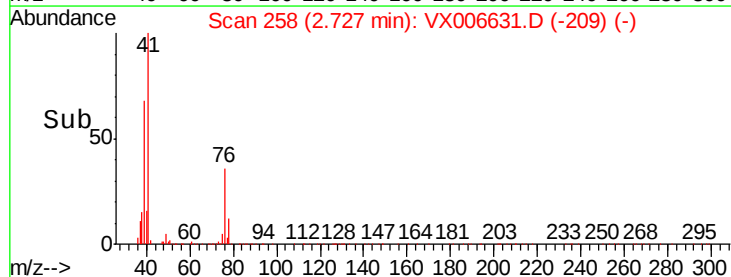
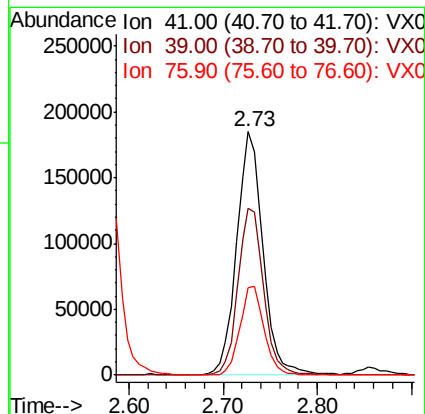
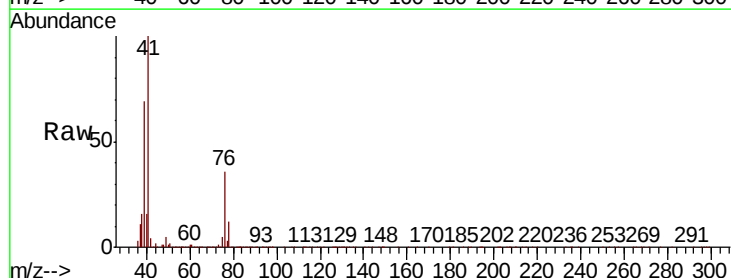
Tgt Ion: 41 Resp: 357975

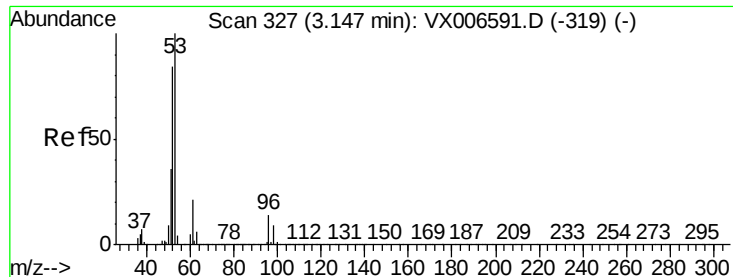
Ion Ratio Lower Upper

41 100

39 66.3 52.4 78.6

76 33.1 25.4 38.0





#15

Acrylonitrile

Concen: 288.115 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

Instrument :

MSVOA_X

ClientSampleId :

SA.PZ135I-20181208MS

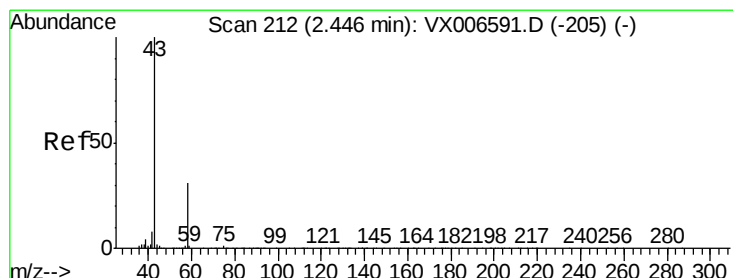
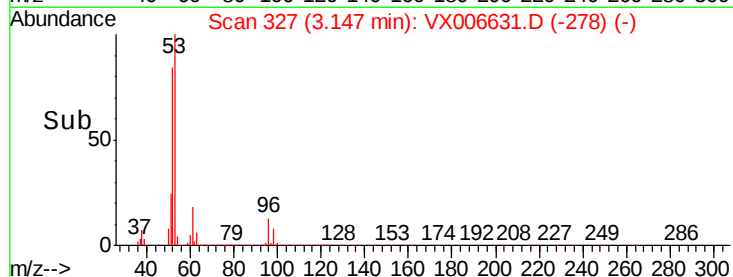
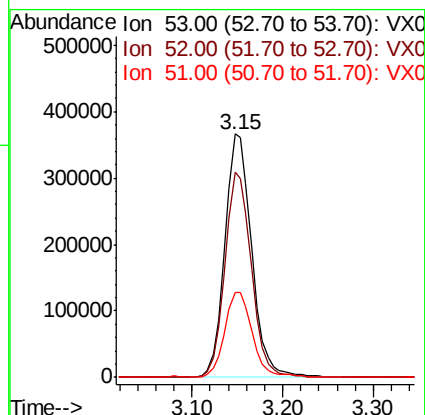
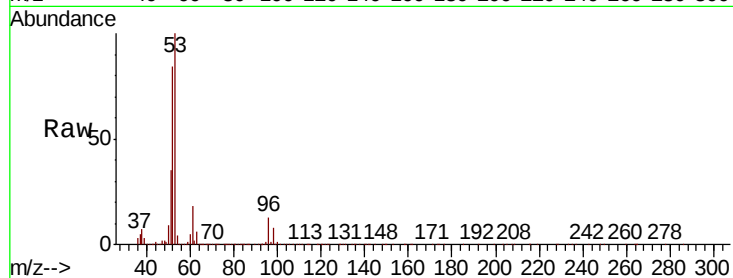
Tot Ion: 53 Resp: 747235

Ion Ratio Lower Upper

53 100

52 83.4 66.2 99.4

51 36.3 28.7 43.1



#16

Acetone

Concen: 269.591 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006631.D

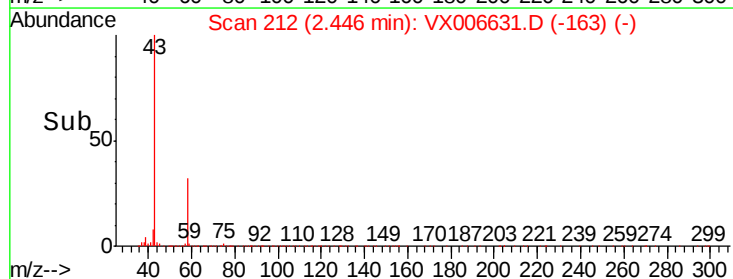
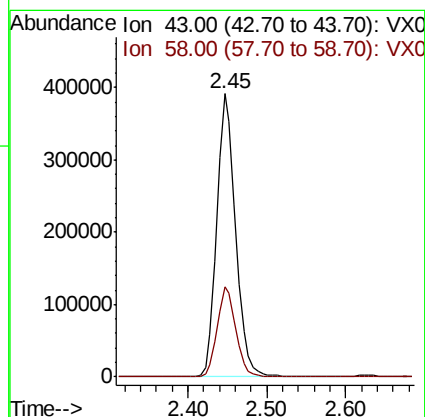
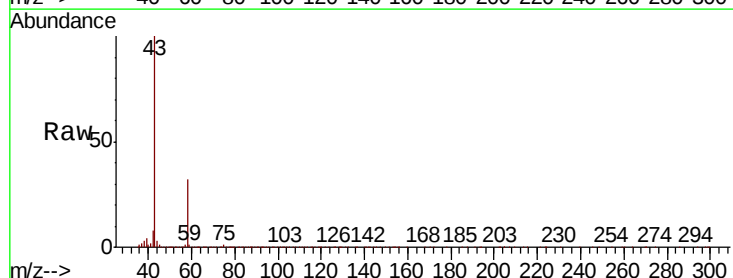
Acq: 19 Dec 2018 06:58

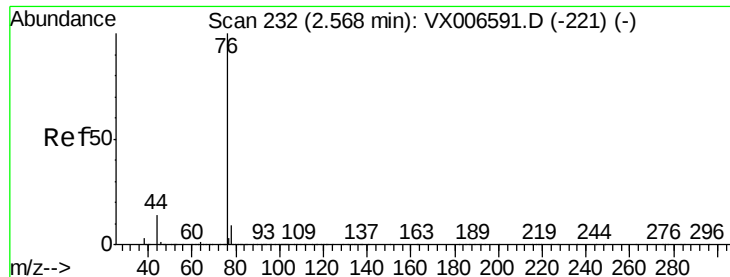
Tgt Ion: 43 Resp: 648279

Ion Ratio Lower Upper

43 100

58 31.6 24.0 36.0





#17

Carbon Disulfide

Concen: 47.219 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

Instrument :

MSVOA_X

ClientSampleId :

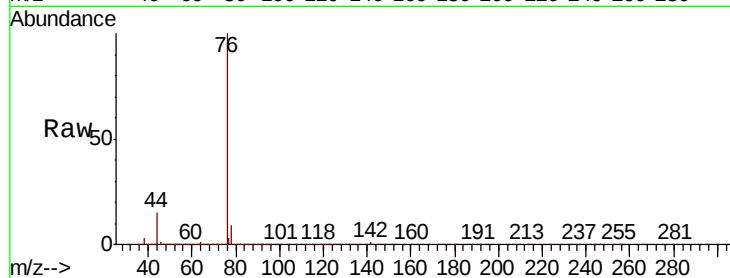
SA.PZ135I-20181208MS

Tot Ion: 76 Resp: 542209

Ion Ratio Lower Upper

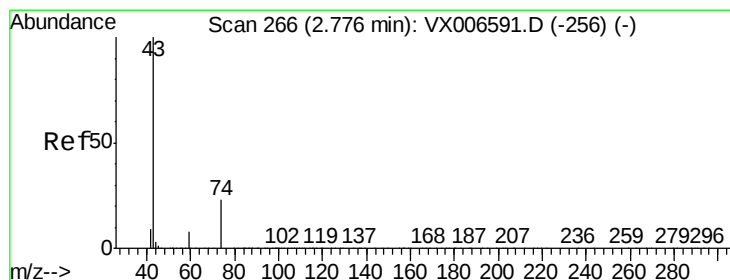
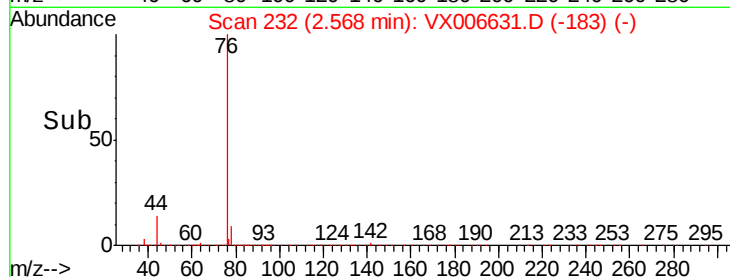
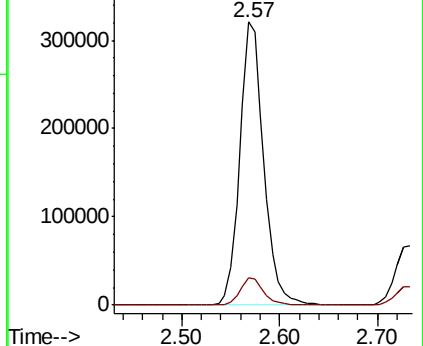
76 100

78 9.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 43.572 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX006631.D

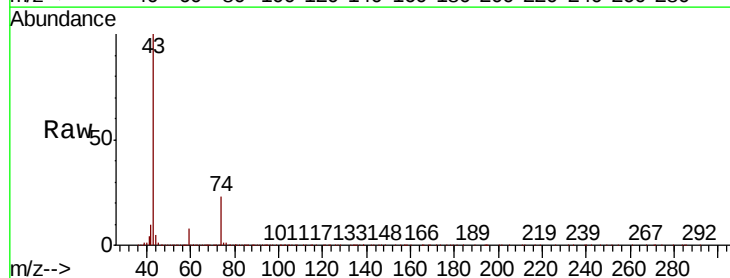
Acq: 19 Dec 2018 06:58

Tgt Ion: 43 Resp: 308090

Ion Ratio Lower Upper

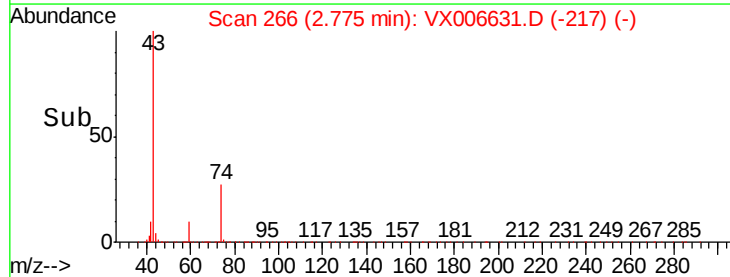
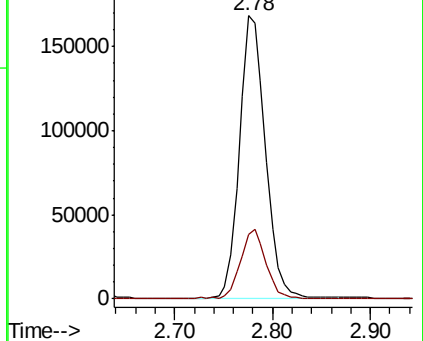
43 100

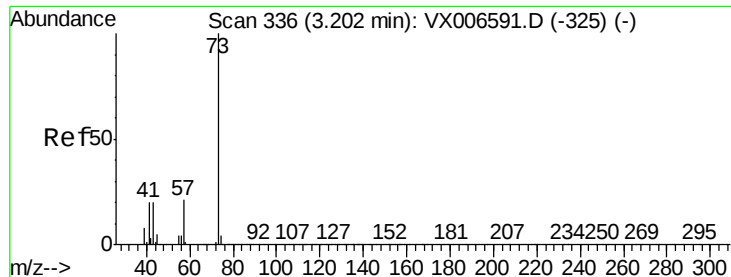
74 24.7 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



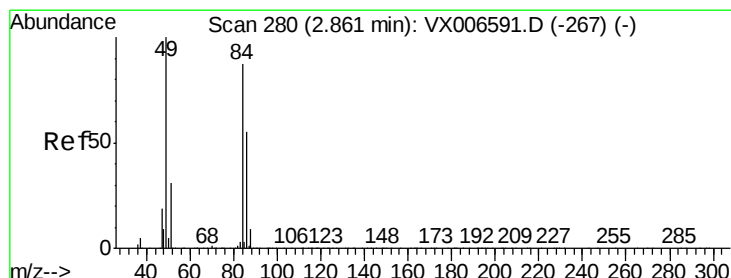
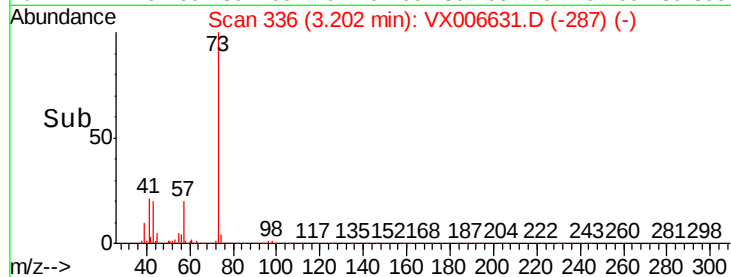
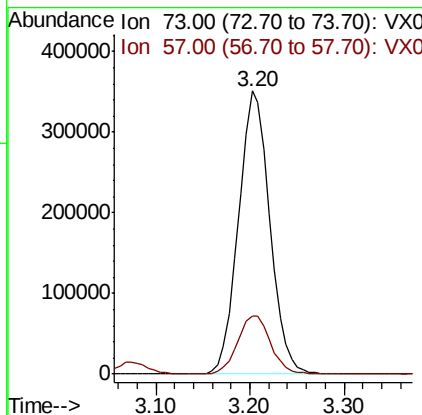
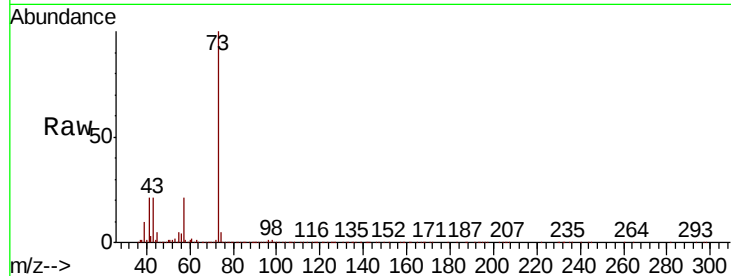


#19

Methyl tert-butyl Ether
 Concen: 56.610 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX006631.D
 Acq: 19 Dec 2018 06:58

Instrument :
 MSVOA_X
 ClientSampleId :
 SA.PZ135I-20181208MS

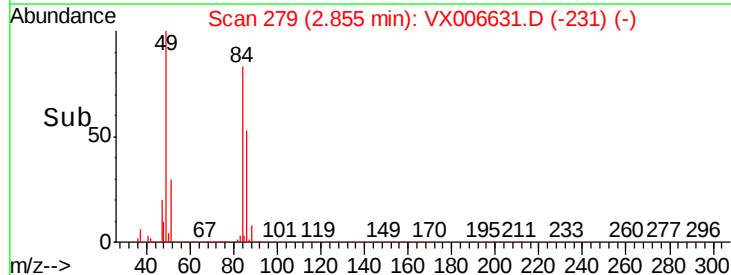
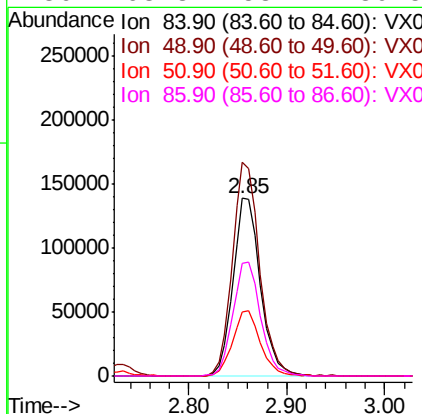
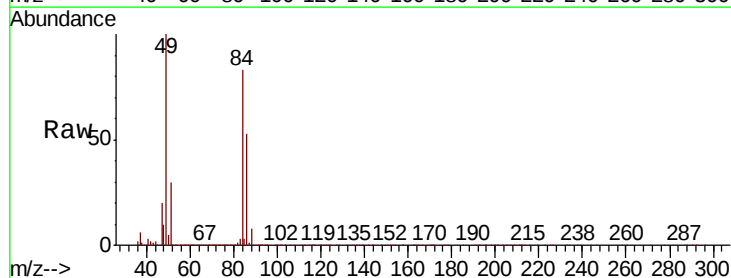
Tot Ion: 73 Resp: 815269
 Ion Ratio Lower Upper
 73 100
 57 20.5 17.5 26.3



#20

Methylene Chloride
 Concen: 53.932 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX006631.D
 Acq: 19 Dec 2018 06:58

Tgt Ion: 84 Resp: 268172
 Ion Ratio Lower Upper
 84 100
 49 120.0 102.2 153.4
 51 36.0 31.1 46.7
 86 63.3 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 51.619 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

Instrument :

MSVOA_X

ClientSampleId :

SA.PZ135I-20181208MS

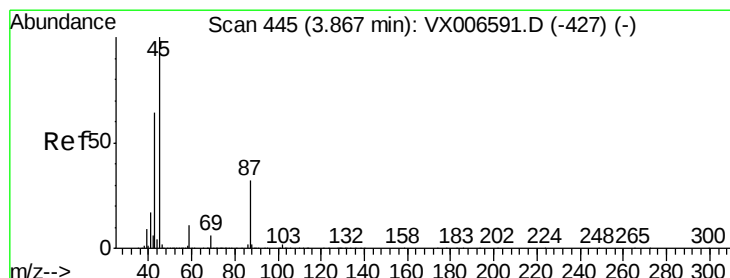
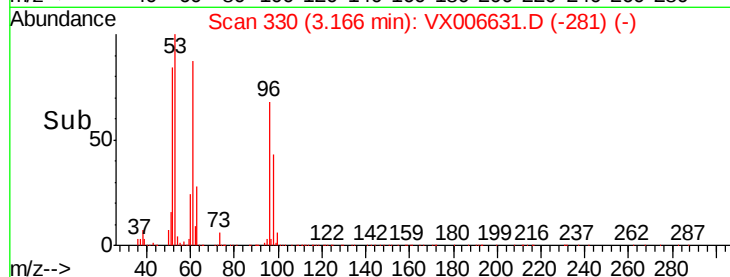
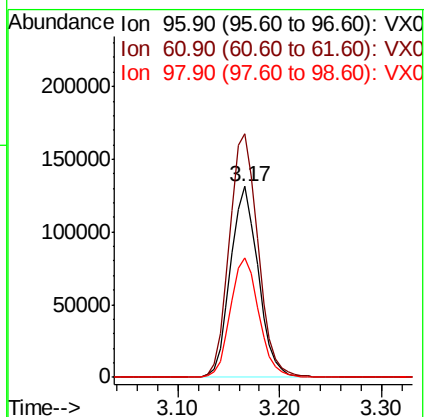
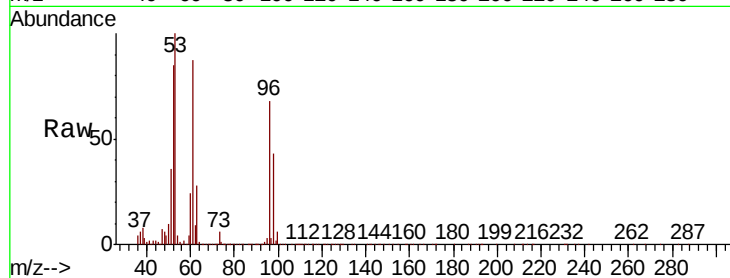
Tot Ion: 96 Resp: 248167

Ion Ratio Lower Upper

96 100

61 127.3 113.3 169.9

98 62.8 53.2 79.8



#22

Diisopropyl ether

Concen: 56.032 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

Tgt Ion: 45 Resp: 748680

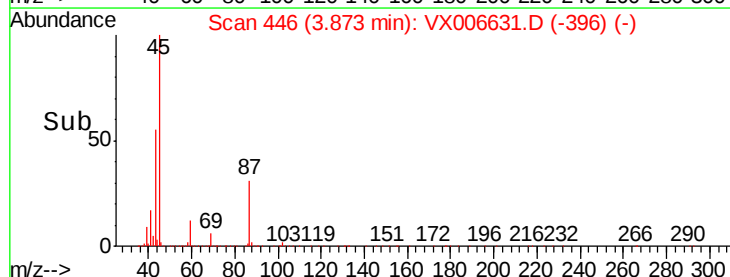
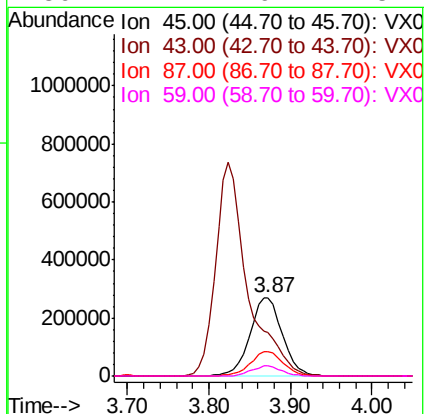
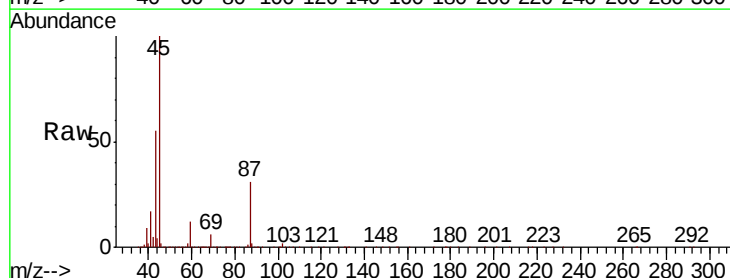
Ion Ratio Lower Upper

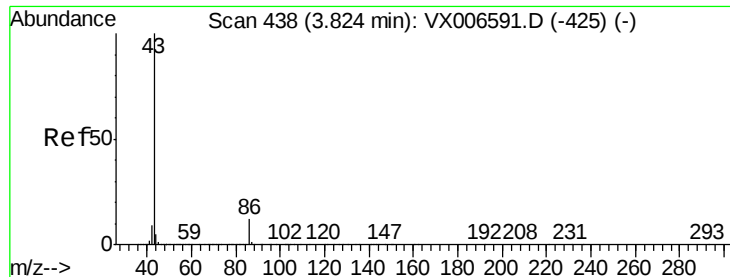
45 100

43 54.8 46.2 69.2

87 31.3 24.9 37.3

59 12.4 9.1 13.7





#23

Vinyl Acetate

Concen: 184.183 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

Instrument :

MSVOA_X

ClientSampleId :

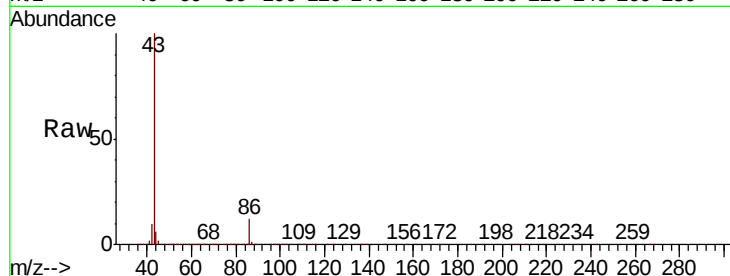
SA.PZ135I-20181208MS

Tot Ion: 43 Resp: 2013006

Ion Ratio Lower Upper

43 100

86 11.9 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

800000

600000

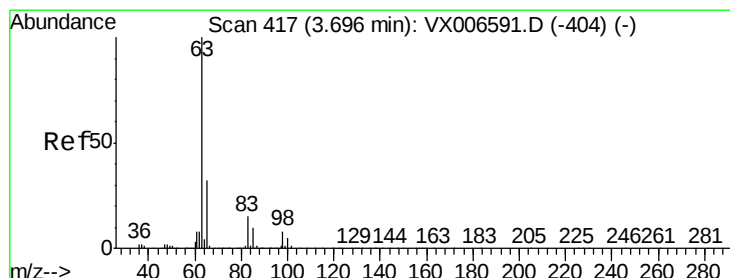
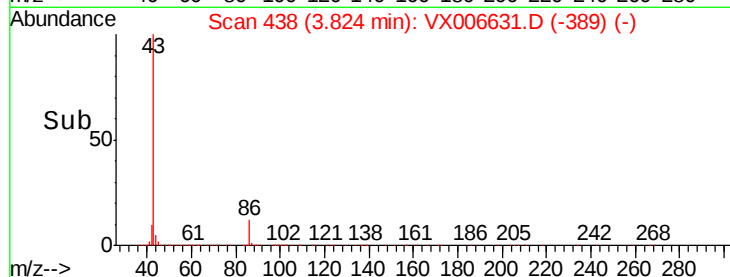
400000

200000

0

Time-->

3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 53.743 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

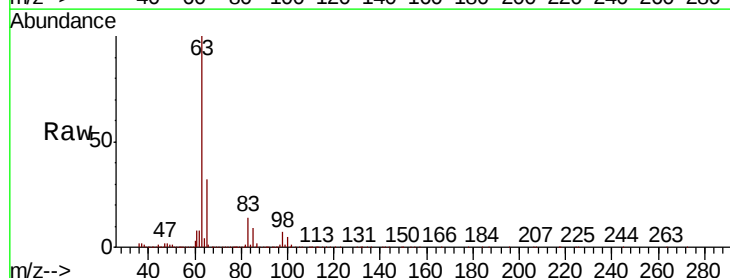
Tgt Ion: 63 Resp: 428666

Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.4

100 4.8 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

250000

200000

150000

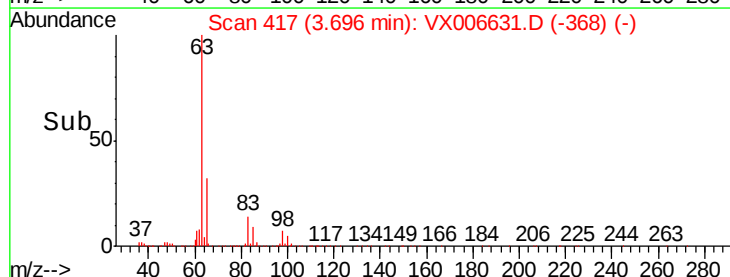
100000

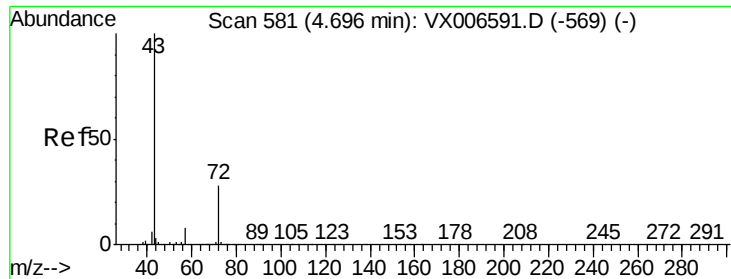
50000

0

Time-->

3.60 3.70 3.80

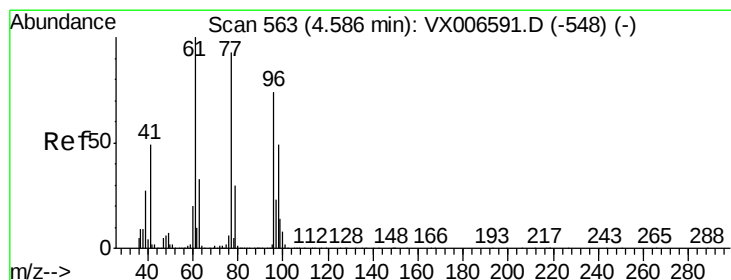
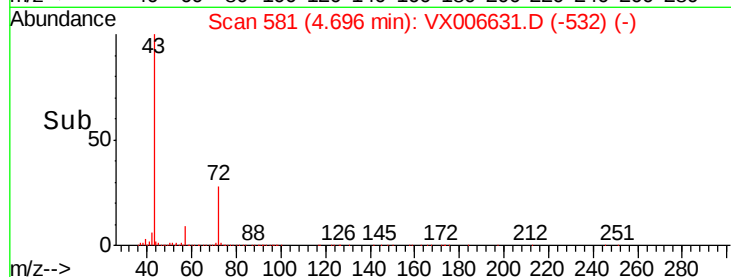
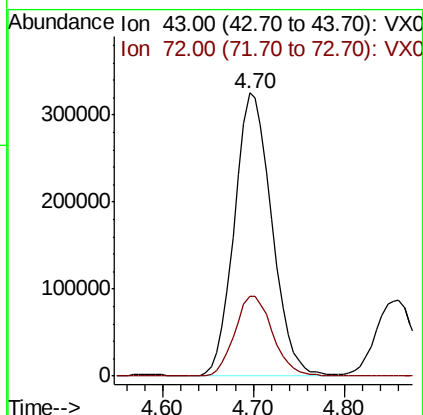
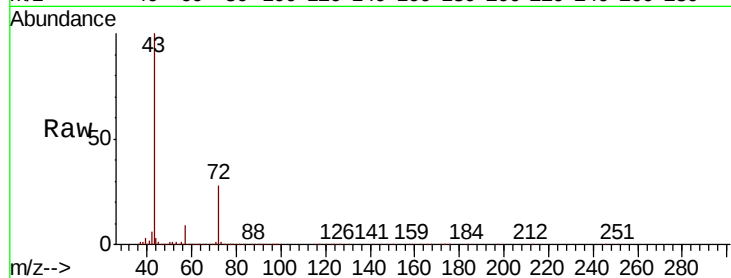




#25
2-Butanone
Concen: 274.824 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.00 min
Lab File: VX006631.D
Acq: 19 Dec 2018 06:58

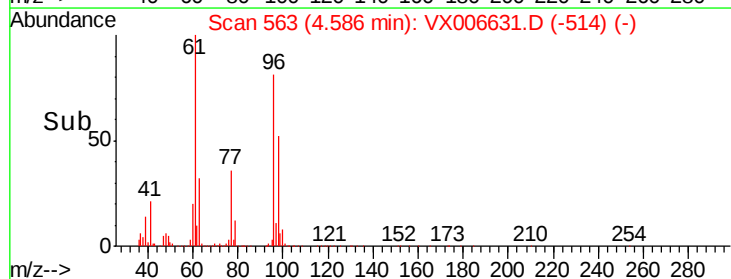
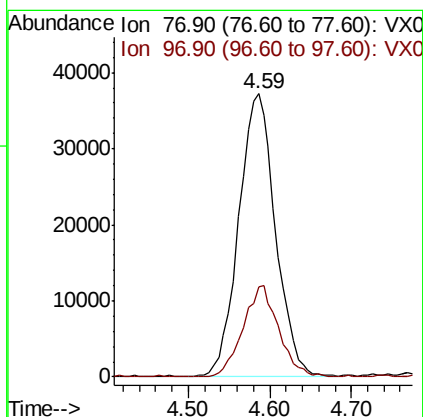
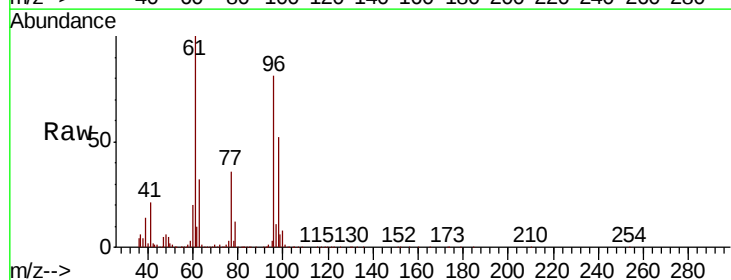
Instrument :
MSVOA_X
ClientSampleId :
SA.PZ135I-20181208MS

Tot Ion: 43 Resp: 929587
Ion Ratio Lower Upper
43 100
72 27.9 22.6 33.8



#26
2,2-Dichloropropane
Concen: 18.810 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX006631.D
Acq: 19 Dec 2018 06:58

Tgt Ion: 77 Resp: 115898
Ion Ratio Lower Upper
77 100
97 31.4 12.3 36.8



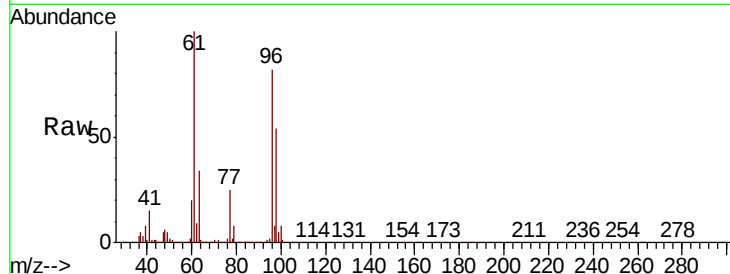


#27

cis-1,2-Dichloroethene
Concen: 54.449 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006631.D
Acq: 19 Dec 2018 06:58

Instrument :
MSVOA_X
ClientSampleId :
SA.PZ135I-20181208MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	120.7	0.0	265.0
98	64.6	0.0	130.2

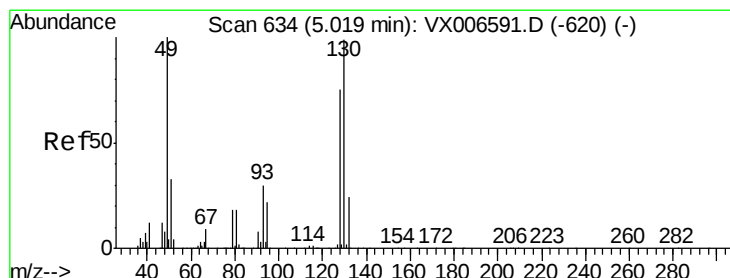
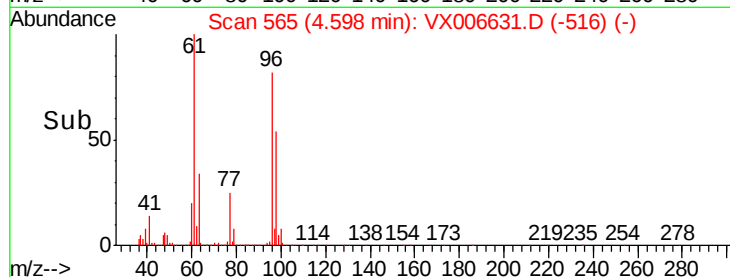
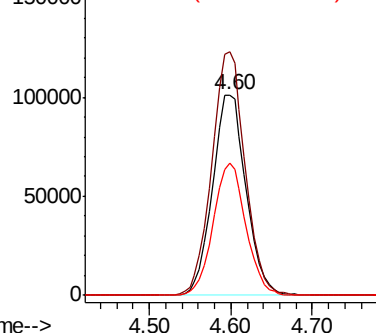


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

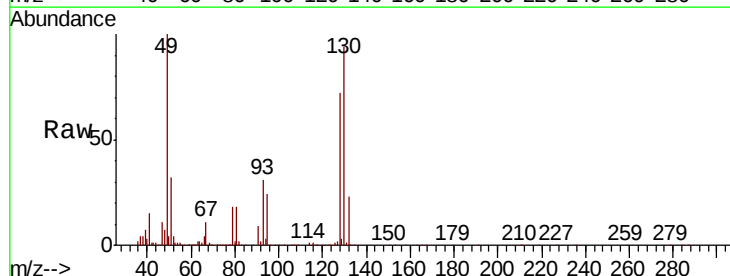
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 53.823 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006631.D
Acq: 19 Dec 2018 06:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.0
130	95.3	78.3	117.5

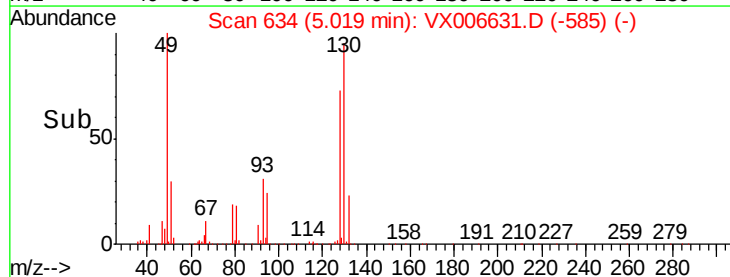
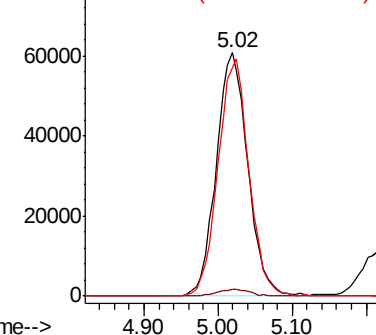


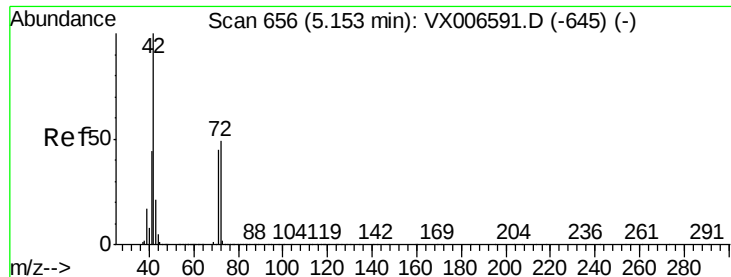
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 287.276 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

Instrument :

MSVOA_X

ClientSampleId :

SA.PZ135I-20181208MS

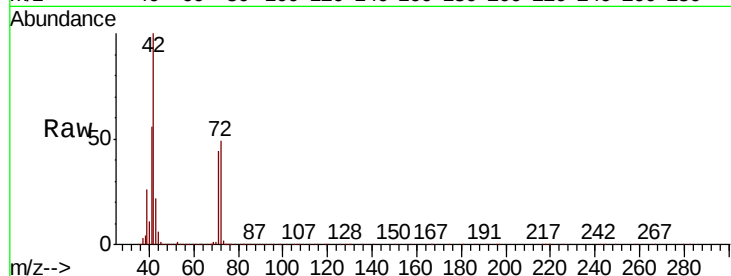
Tot Ion: 42 Resp: 639996

Ion Ratio Lower Upper

42 100

72 48.6 37.8 56.8

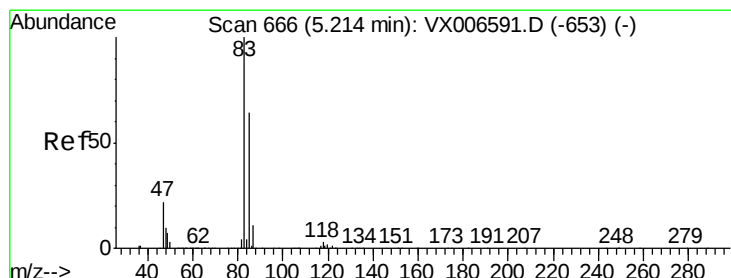
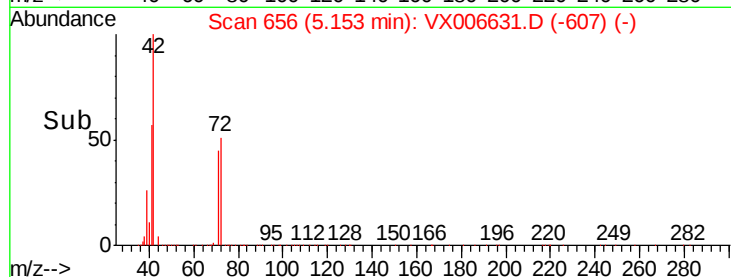
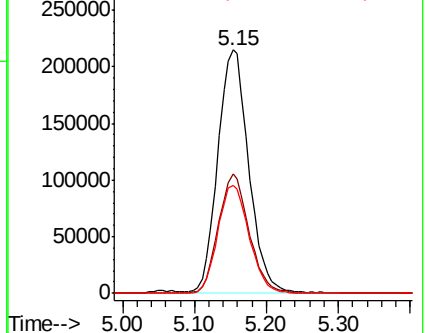
71 45.0 35.2 52.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 56.145 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006631.D

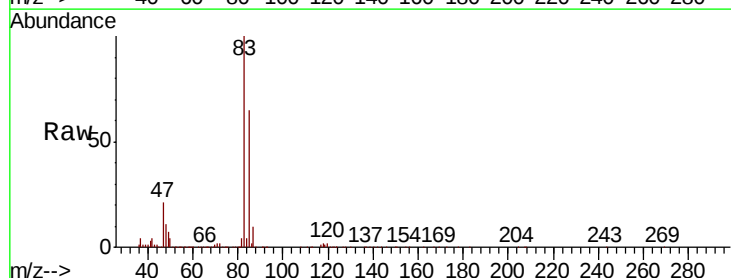
Acq: 19 Dec 2018 06:58

Tgt Ion: 83 Resp: 463746

Ion Ratio Lower Upper

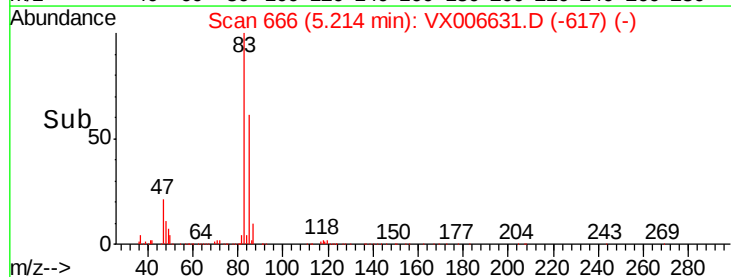
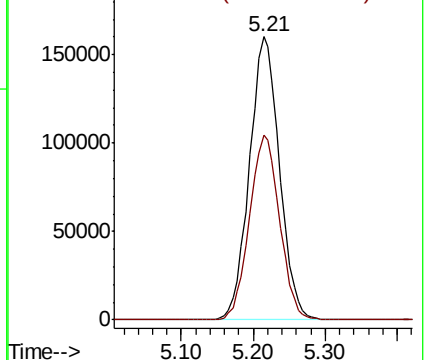
83 100

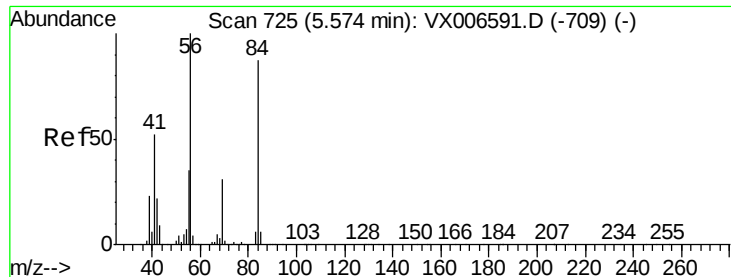
85 65.0 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

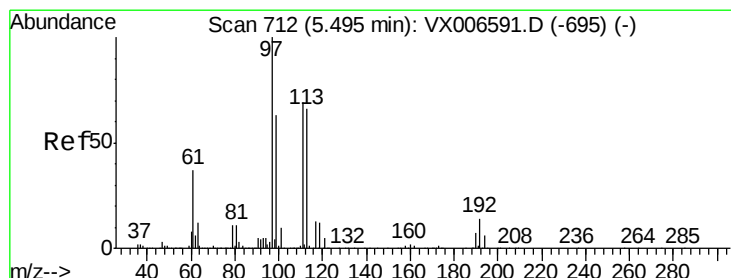
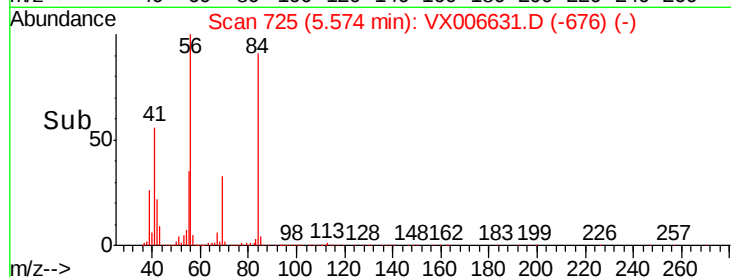
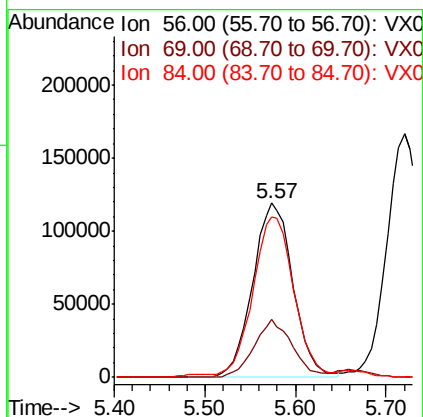
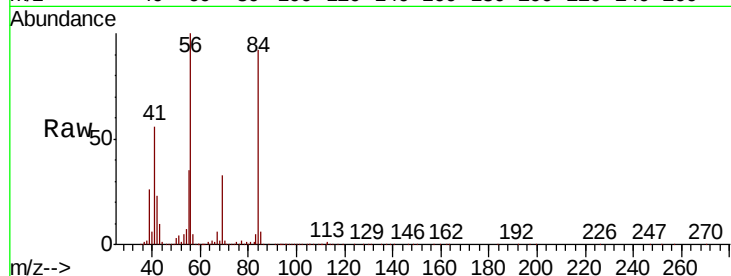




#31
Cyclohexane
Concen: 50.477 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006631.D
Acq: 19 Dec 2018 06:58

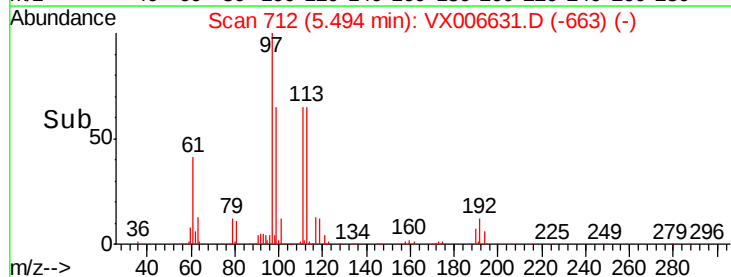
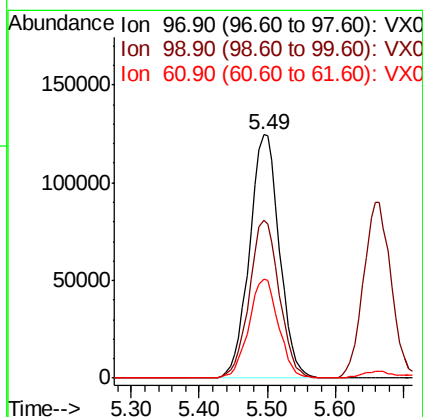
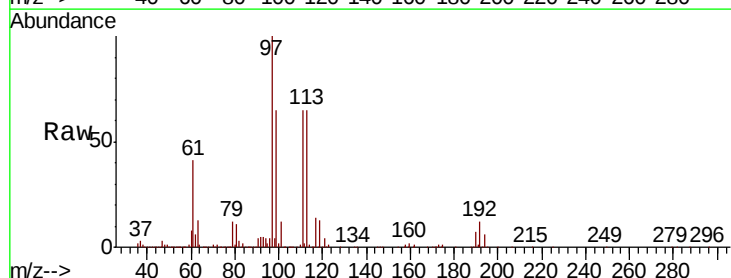
Instrument :
MSVOA_X
ClientSampleId :
SA.PZ135I-20181208MS

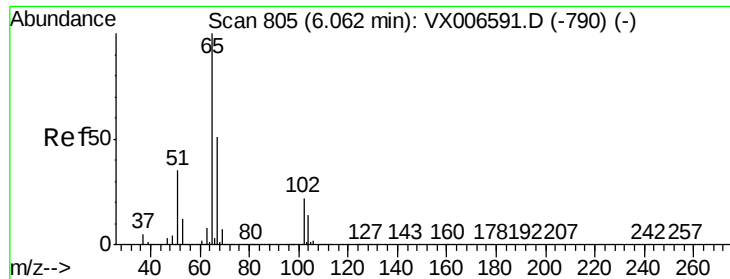
Tot Ion: 56 Resp: 365770
Ion Ratio Lower Upper
56 100
69 32.8 24.5 36.7
84 90.1 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 54.772 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006631.D
Acq: 19 Dec 2018 06:58

Tgt Ion: 97 Resp: 382007
Ion Ratio Lower Upper
97 100
99 65.0 51.6 77.4
61 40.4 30.6 46.0

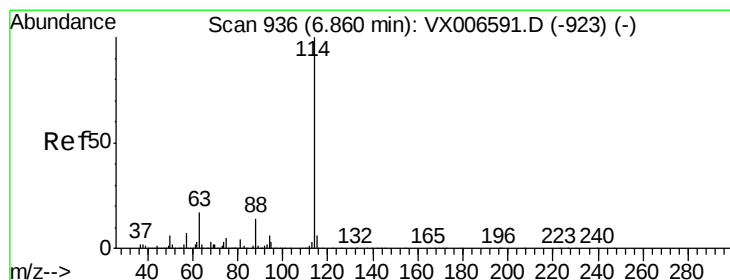
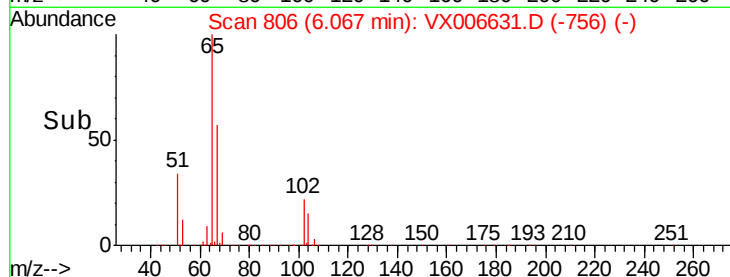
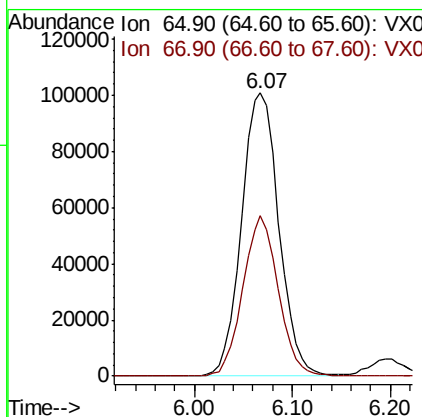
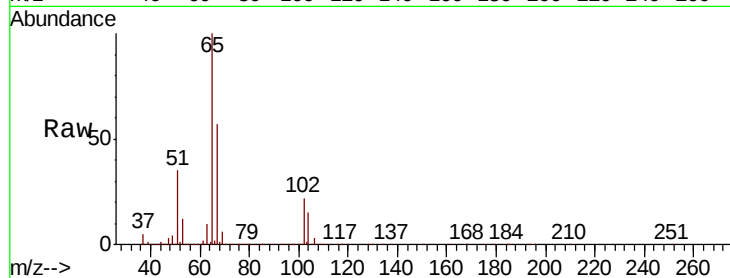




#33
 1,2-Dichloroethane-d4
 Concen: 50.970 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006631.D
 Acq: 19 Dec 2018 06:58

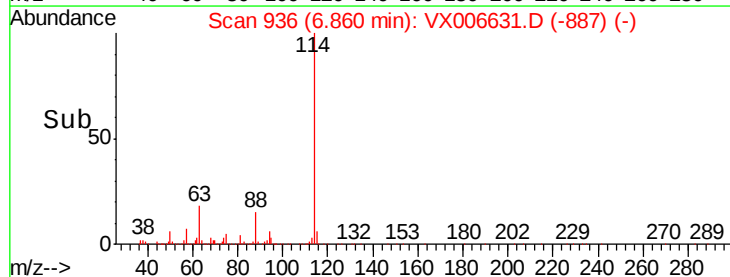
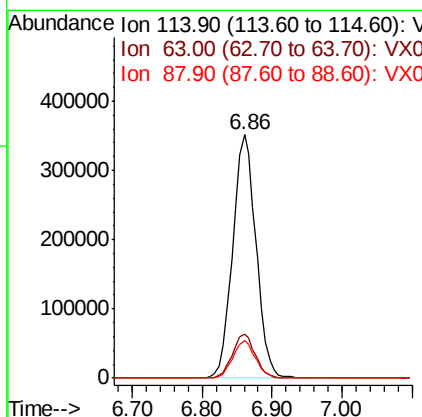
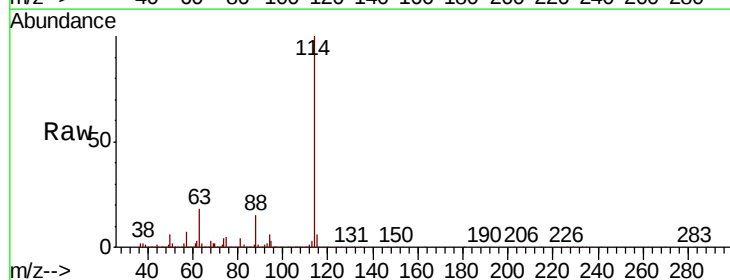
Instrument :
 MSVOA_X
 ClientSampleId :
 SA.PZ135I-20181208MS

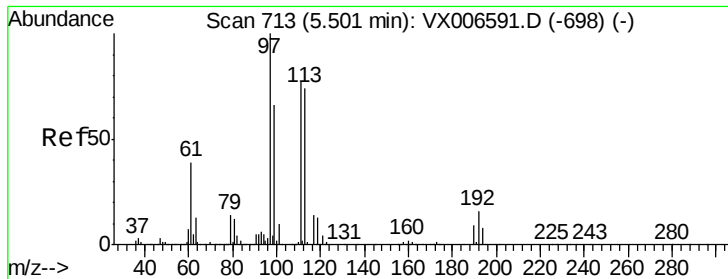
Tot Ion: 65 Resp: 266779
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006631.D
 Acq: 19 Dec 2018 06:58

Tgt Ion: 114 Resp: 813180
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 36.6
 88 15.4 0.0 29.0

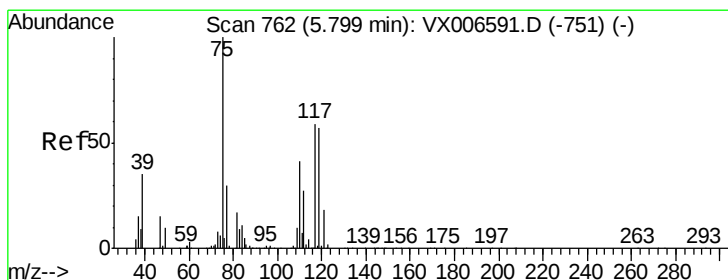
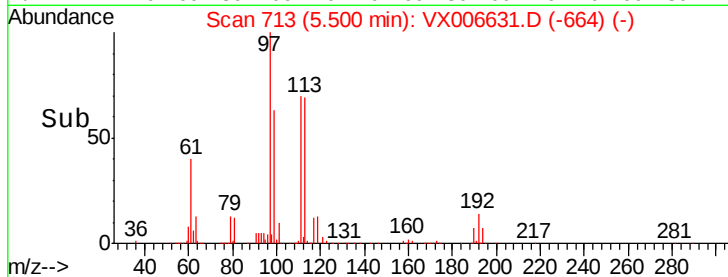
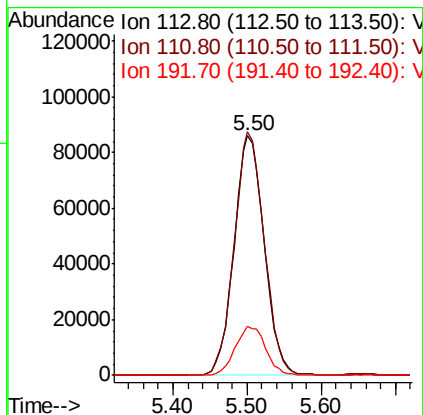
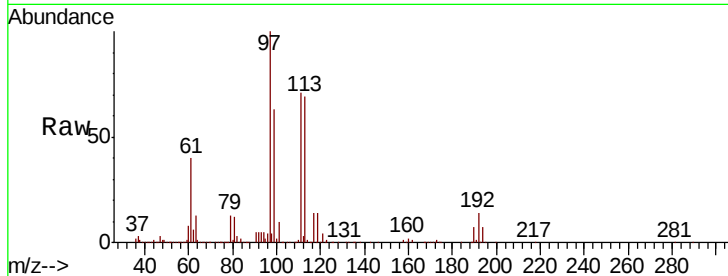




#35
 Dibromofluoromethane
 Concen: 47.635 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX006631.D
 Acq: 19 Dec 2018 06:58

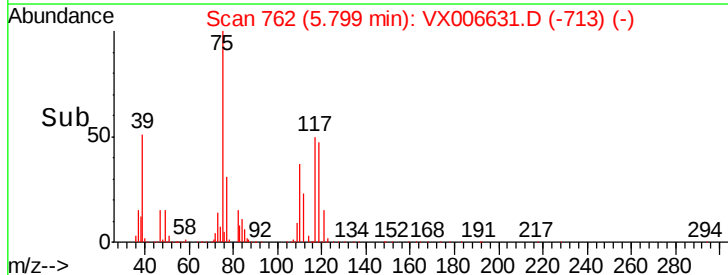
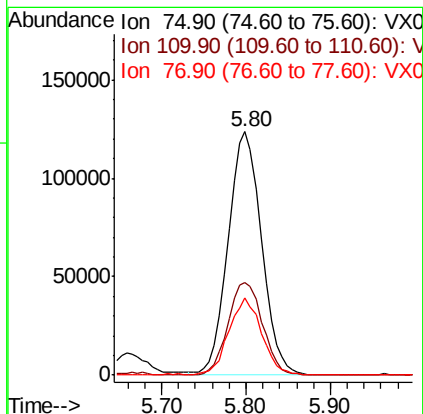
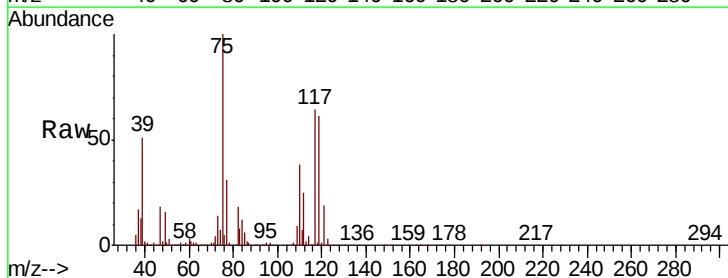
Instrument :
 MSVOA_X
 ClientSampleId :
 SA.PZ135I-20181208MS

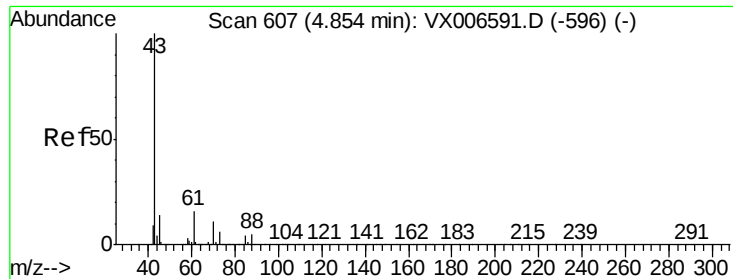
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.1	121.7
192	20.7	18.2	27.2



#36
 1,1-Dichloropropene
 Concen: 49.170 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX006631.D
 Acq: 19 Dec 2018 06:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.6	20.4	61.3
77	30.8	24.9	37.3

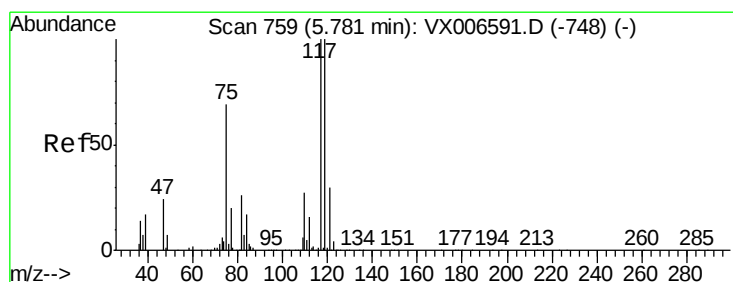
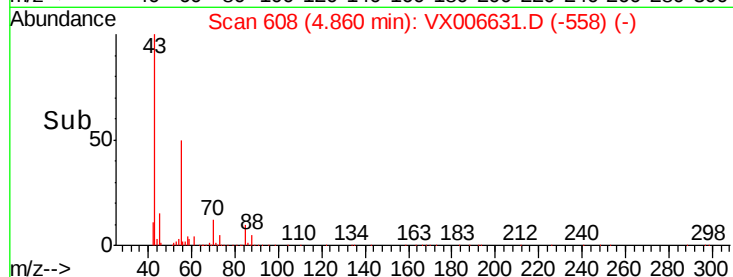
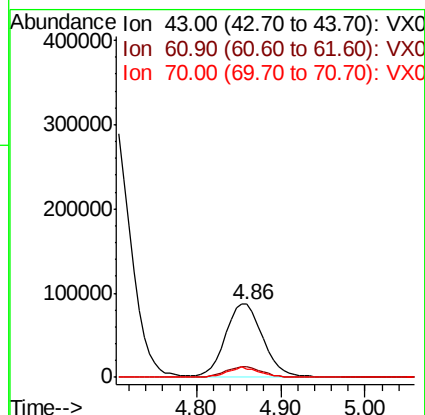
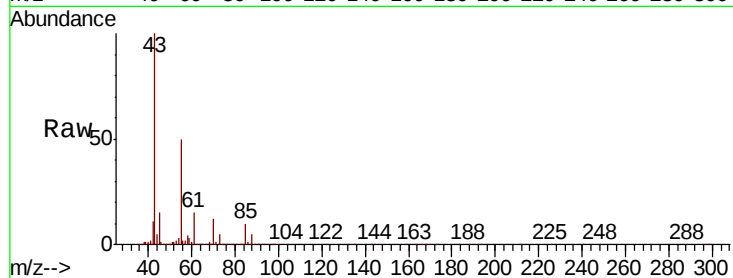




#37
Ethyl Acetate
Concen: 37.317 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX006631.D
Acq: 19 Dec 2018 06:58

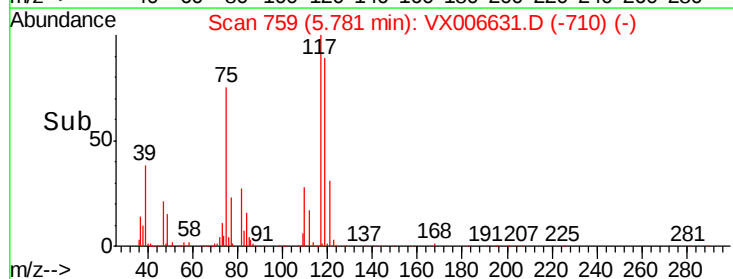
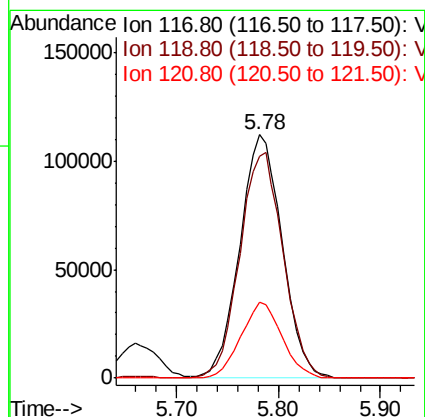
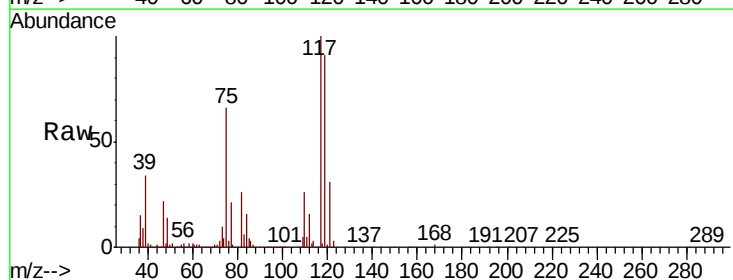
Instrument :
MSVOA_X
ClientSampleId :
SA.PZ135I-20181208MS

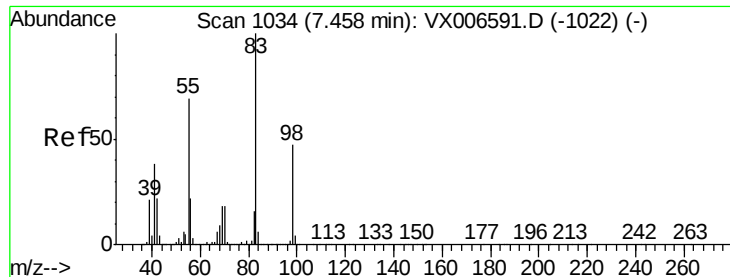
Tot Ion: 43 Resp: 261591
Ion Ratio Lower Upper
43 100
61 14.4 11.5 17.3
70 11.8 9.0 13.6



#38
Carbon Tetrachloride
Concen: 49.259 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006631.D
Acq: 19 Dec 2018 06:58

Tgt Ion: 117 Resp: 322417
Ion Ratio Lower Upper
117 100
119 91.0 75.8 113.8
121 31.1 24.6 37.0

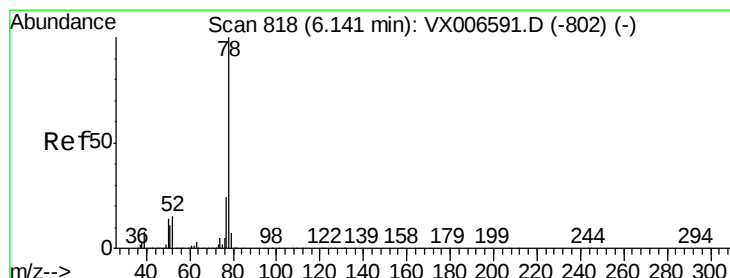
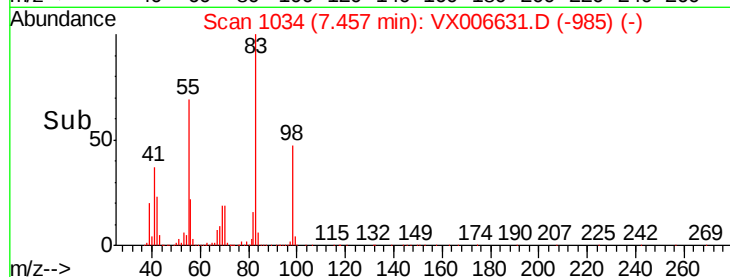
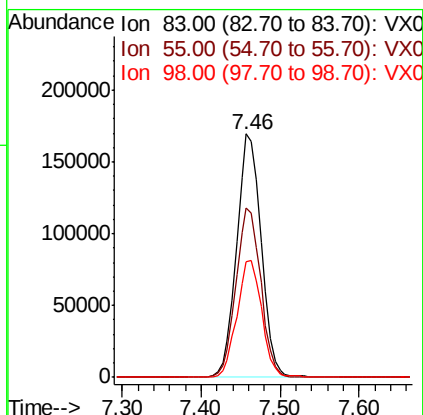
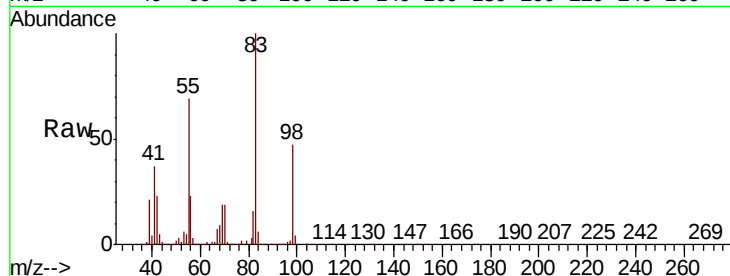




#39
Methvlcvclohexane
Concen: 41.574 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006631.D
Acq: 19 Dec 2018 06:58

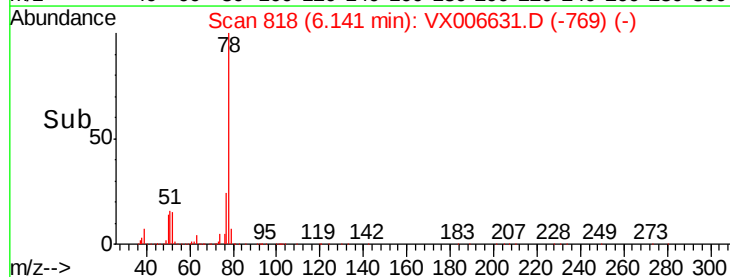
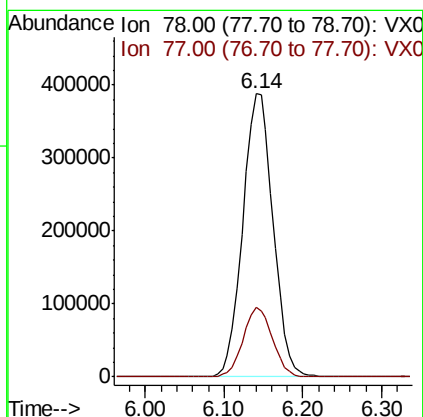
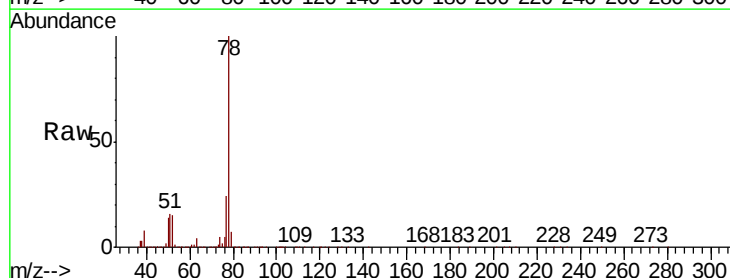
Instrument :
MSVOA_X
ClientSampleId :
SA.PZ135I-20181208MS

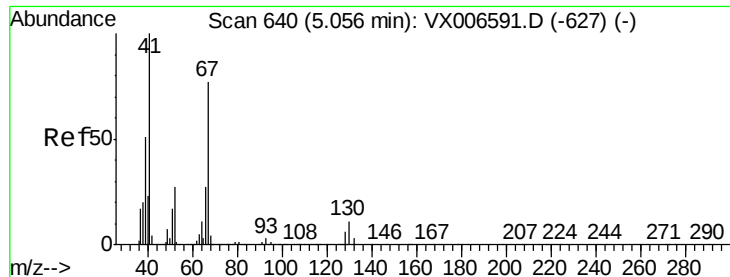
Tot Ion: 83 Resp: 368628
Ion Ratio Lower Upper
83 100
55 69.3 56.4 84.6
98 47.4 39.0 58.6



#40
Benzene
Concen: 50.552 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006631.D
Acq: 19 Dec 2018 06:58

Tgt Ion: 78 Resp: 1034906
Ion Ratio Lower Upper
78 100
77 24.4 19.2 28.8

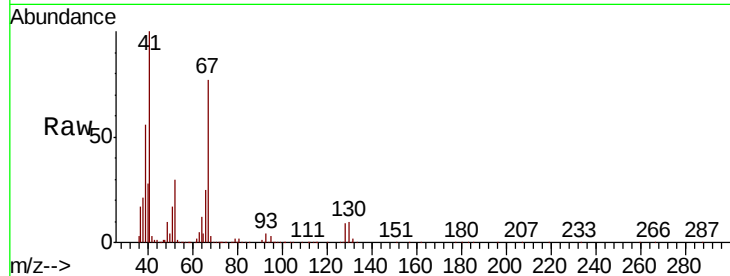




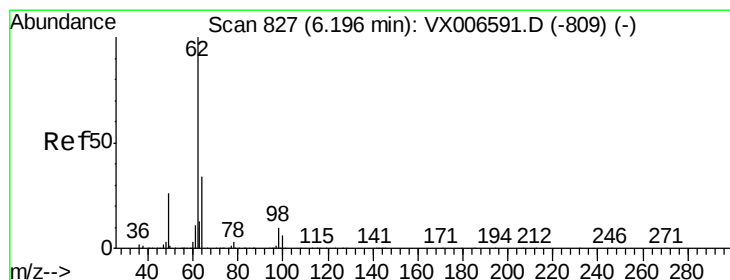
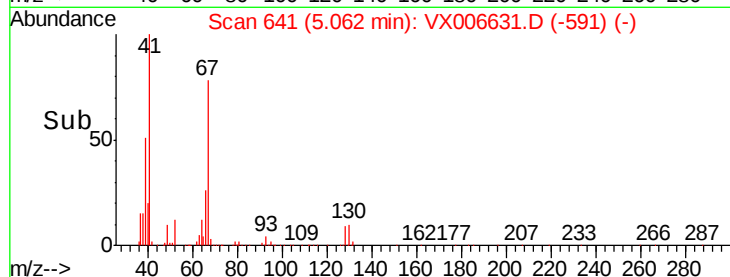
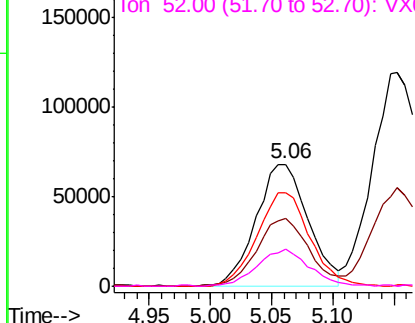
#41
Methacrylonitrile
Concen: 51.122 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX006631.D
Acq: 19 Dec 2018 06:58

Instrument :
MSVOA_X
ClientSampleId :
SA.PZ135I-20181208MS

Tot Ion:	41	Resp:	201382
Ion	Ratio	Lower	Upper
41	100		
39	55.0	44.0	66.0
67	78.3	61.4	92.0
52	29.3	23.5	35.3

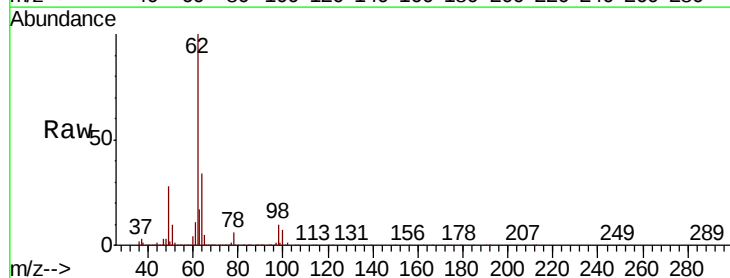


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

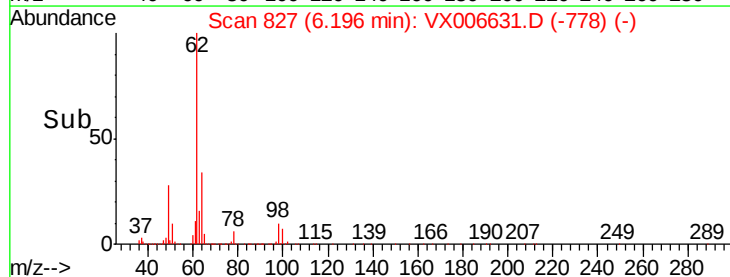
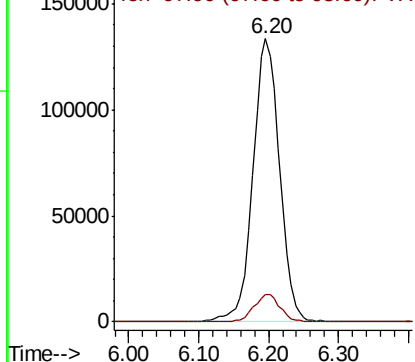


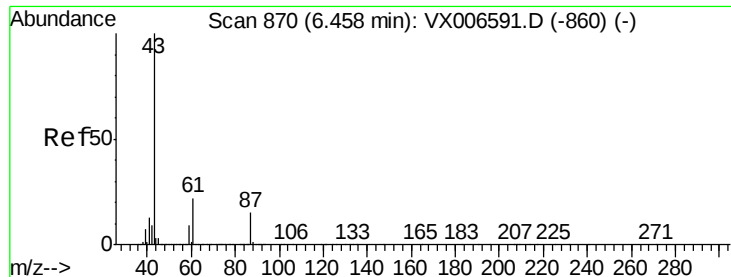
#42
1,2-Dichloroethane
Concen: 50.389 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006631.D
Acq: 19 Dec 2018 06:58

Tgt Ion:	62	Resp:	351511
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.2



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





#43

Isopropyl Acetate

Concen: 43.337 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

Instrument :

MSVOA_X

ClientSampleId :

SA.PZ135I-20181208MS

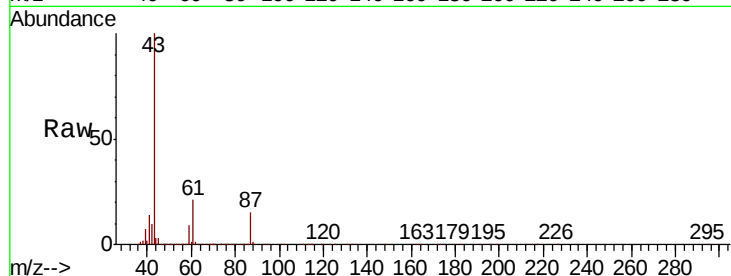
Tot Ion: 43 Resp: 462226

Ion Ratio Lower Upper

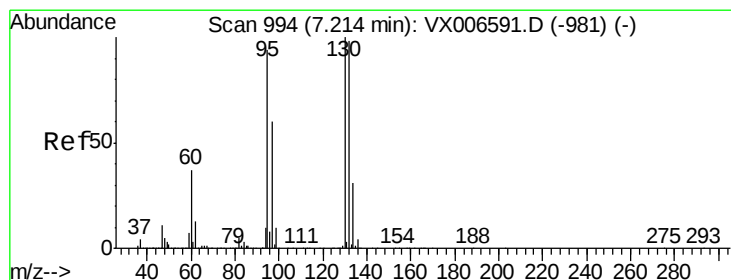
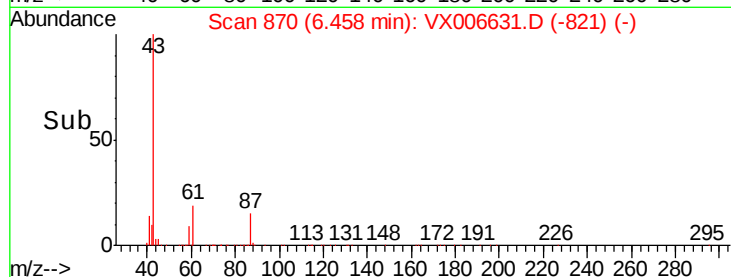
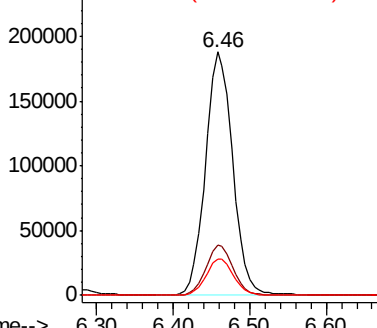
43 100

61 20.7 16.8 25.2

87 15.2 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.065 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006631.D

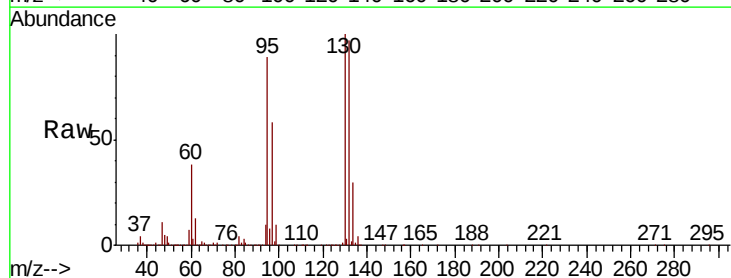
Acq: 19 Dec 2018 06:58

Tgt Ion:130 Resp: 297822

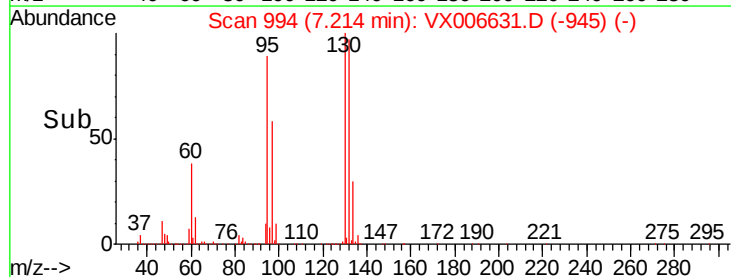
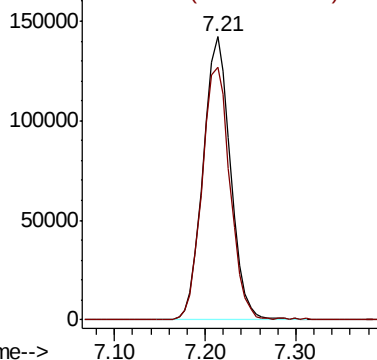
Ion Ratio Lower Upper

130 100

95 89.4 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.930 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

Instrument :

MSVOA_X

ClientSampleId :

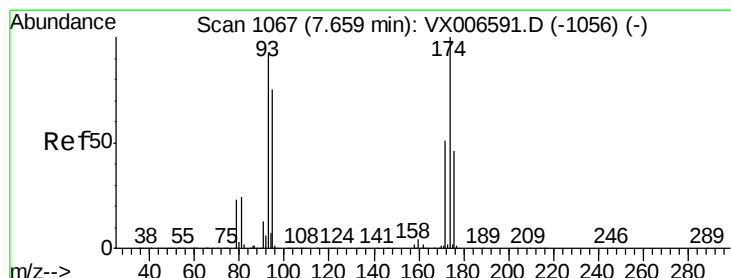
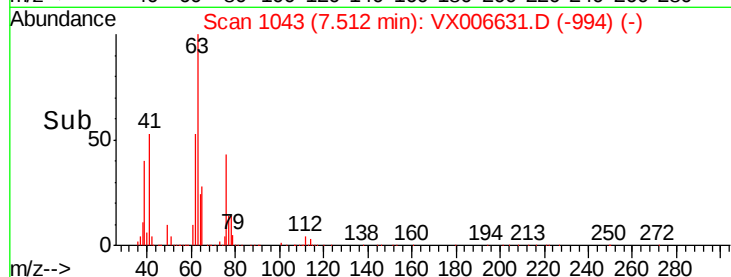
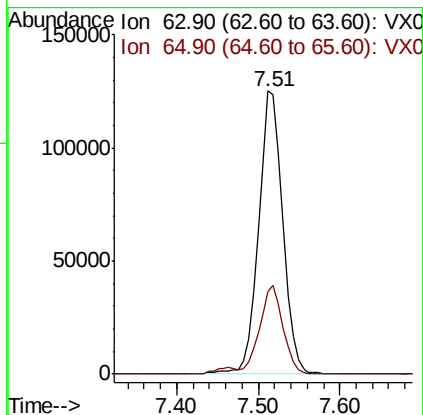
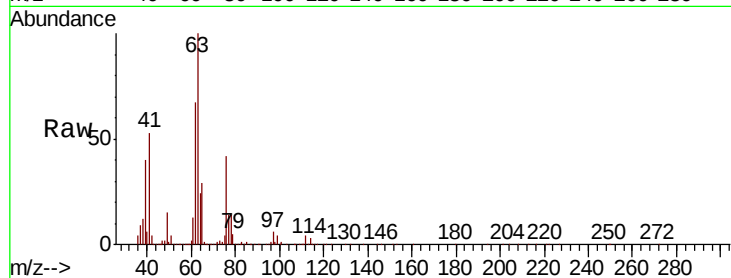
SA.PZ135I-20181208MS

Tot Ion: 63 Resp: 258710

Ion Ratio Lower Upper

63 100

65 29.1 24.3 36.5



#46

Dibromomethane

Concen: 50.890 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

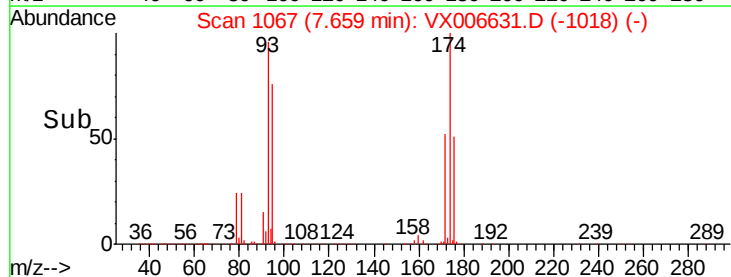
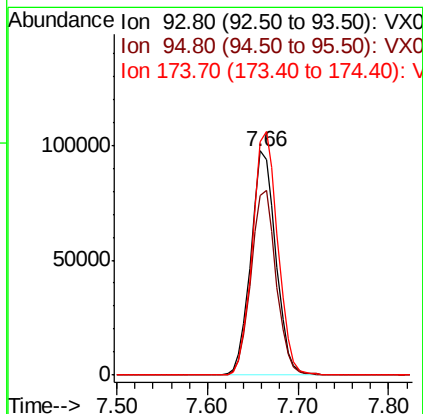
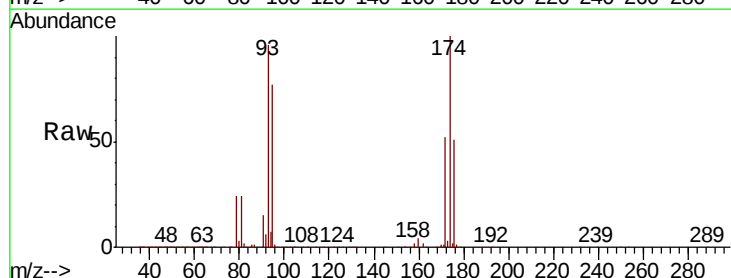
Tgt Ion: 93 Resp: 186482

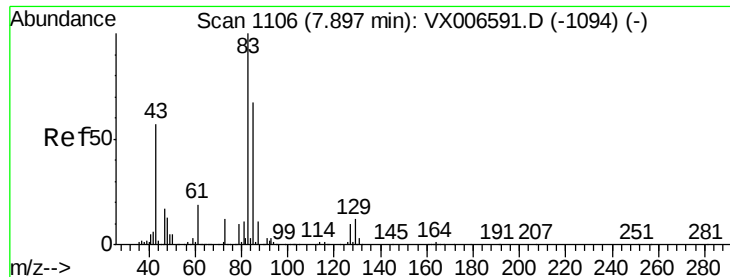
Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.4

174 110.0 97.2 145.8





#47

Bromodichloromethane

Concen: 51.556 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

Instrument :

MSVOA_X

ClientSampleId :

SA.PZ135I-20181208MS

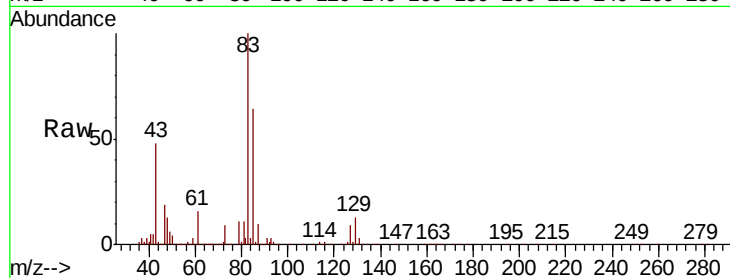
Tot Ion: 83 Resp: 313655

Ion Ratio Lower Upper

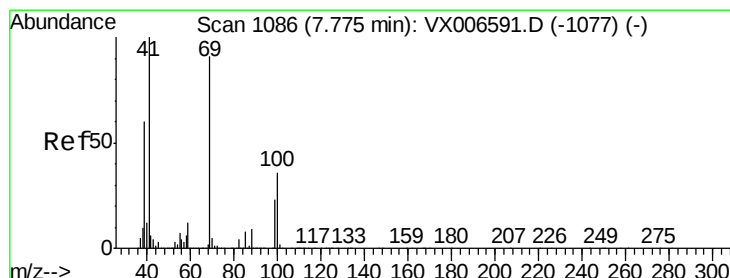
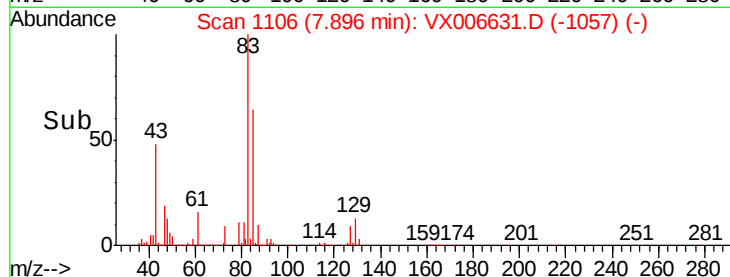
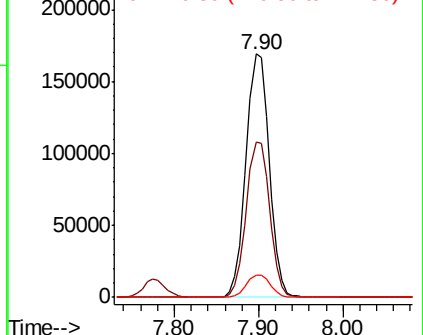
83 100

85 64.0 51.4 77.0

127 9.4 7.9 11.9



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: 54.306 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

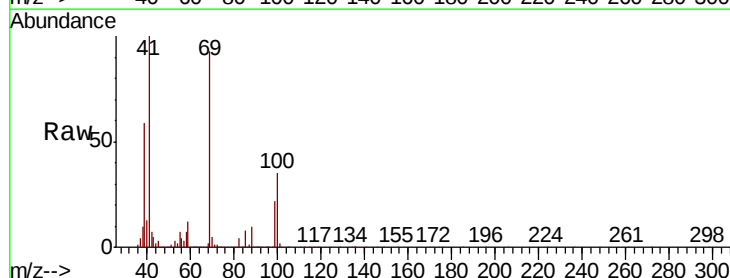
Tgt Ion: 41 Resp: 294554

Ion Ratio Lower Upper

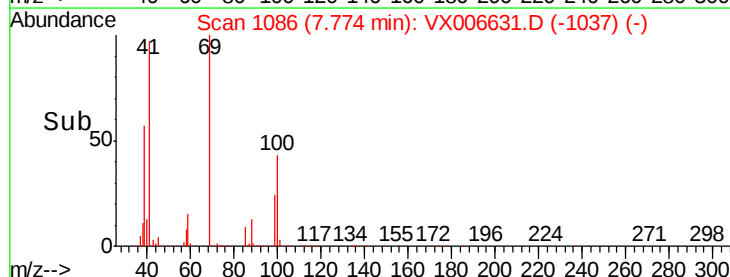
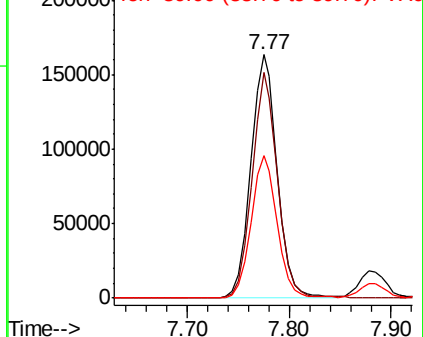
41 100

69 89.4 70.3 105.5

39 57.5 45.3 67.9



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: 1090.335 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

Instrument :

MSVOA_X

ClientSampleId :

SA.PZ135I-20181208MS

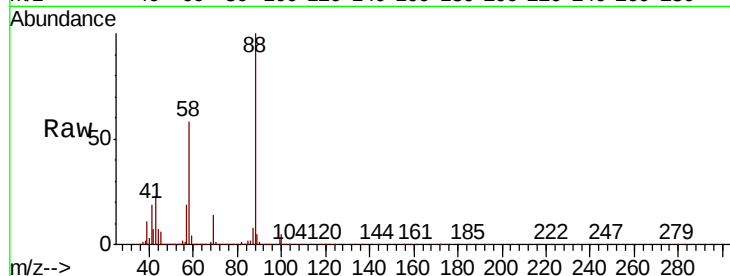
Tot Ion: 88 Resp: 154479

Ion Ratio Lower Upper

88 100

43 28.5 23.2 34.8

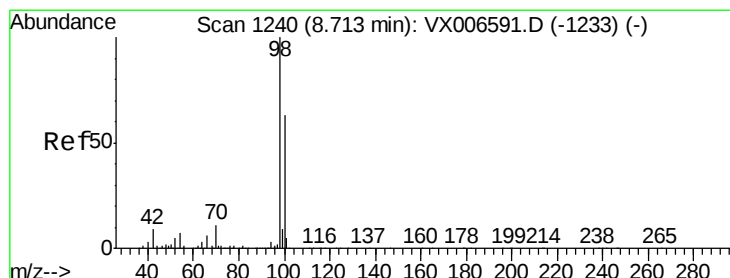
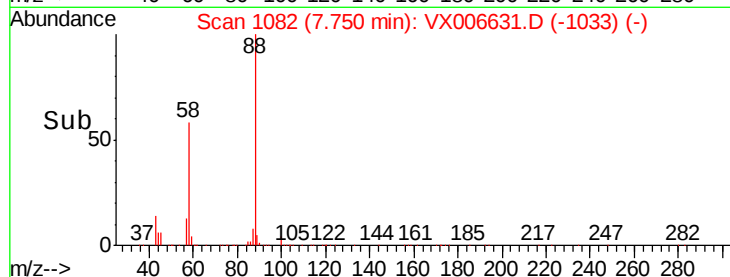
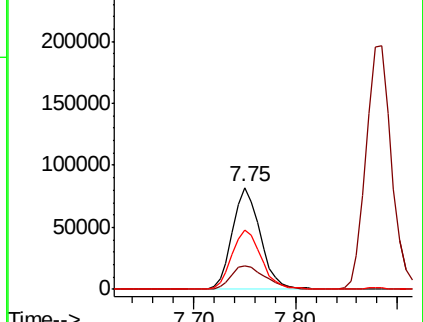
58 62.1 51.4 77.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 45.310 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006631.D

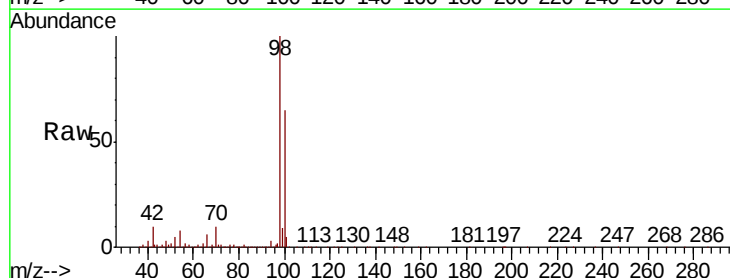
Acq: 19 Dec 2018 06:58

Tgt Ion: 98 Resp: 878433

Ion Ratio Lower Upper

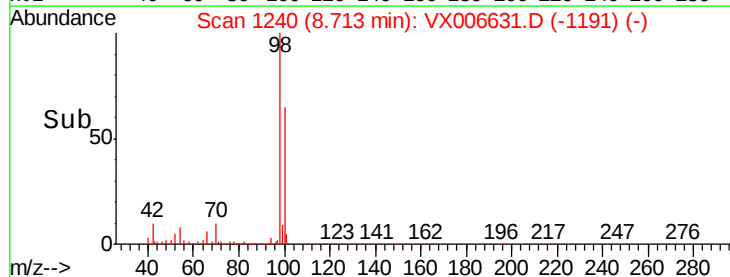
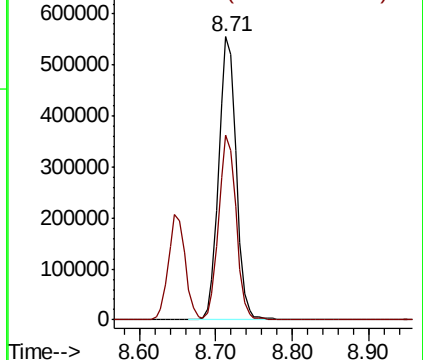
98 100

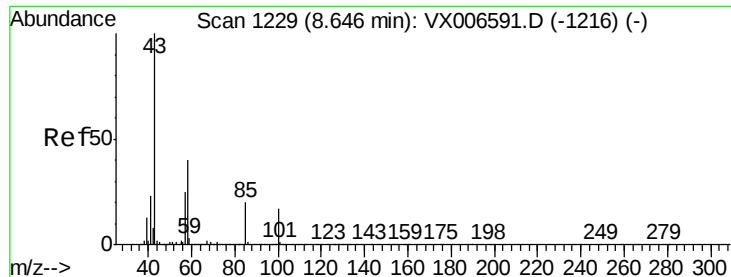
100 65.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 274.694 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

Instrument :

MSVOA_X

ClientSampleId :

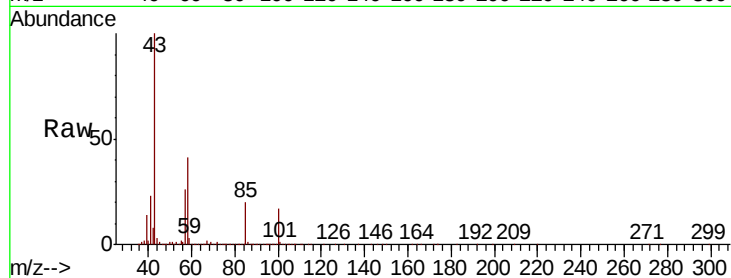
SA.PZ135I-20181208MS

Tot Ion: 43 Resp: 1864180

Ion Ratio Lower Upper

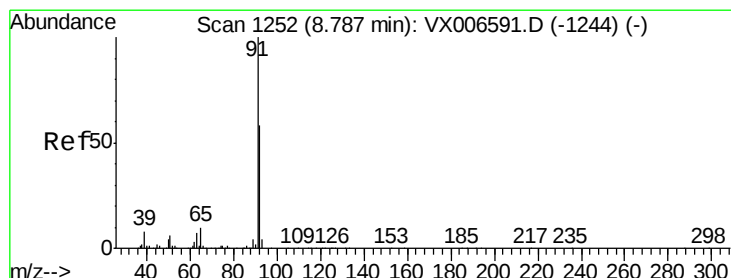
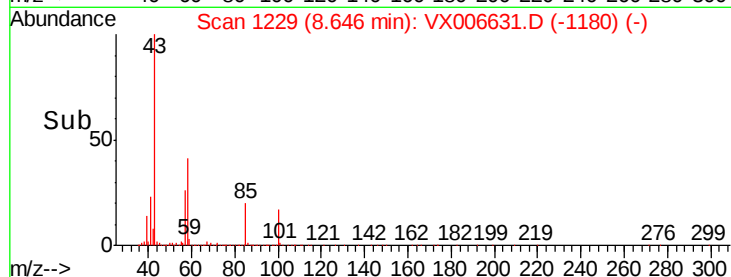
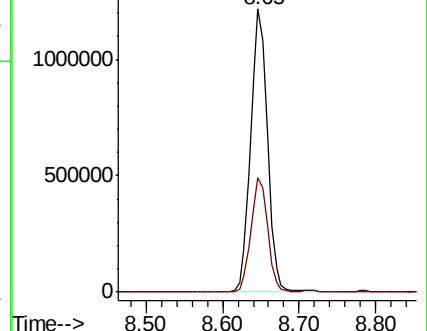
43 100

58 40.0 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.460 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006631.D

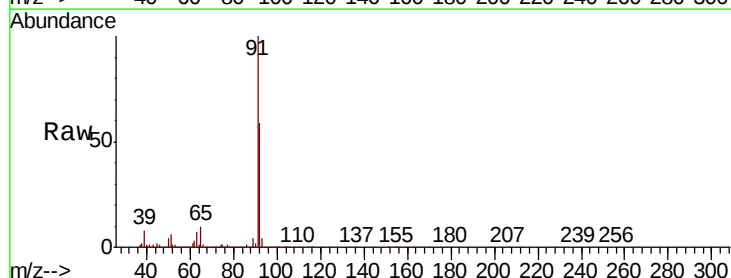
Acq: 19 Dec 2018 06:58

Tgt Ion: 92 Resp: 680609

Ion Ratio Lower Upper

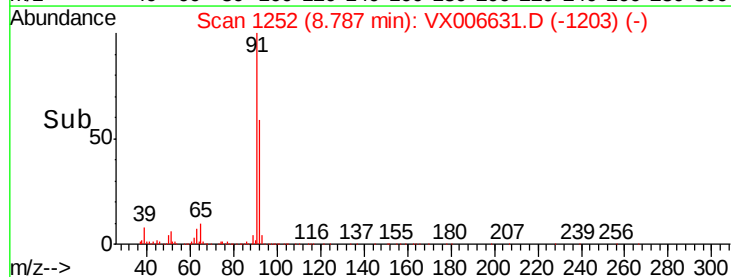
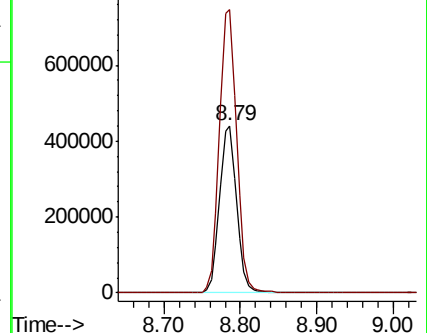
92 100

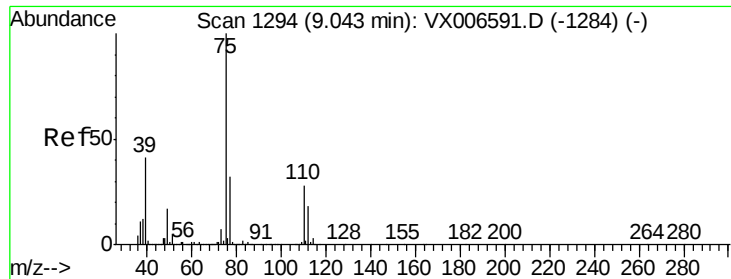
91 172.7 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 43.698 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

Instrument :

MSVOA_X

ClientSampleId :

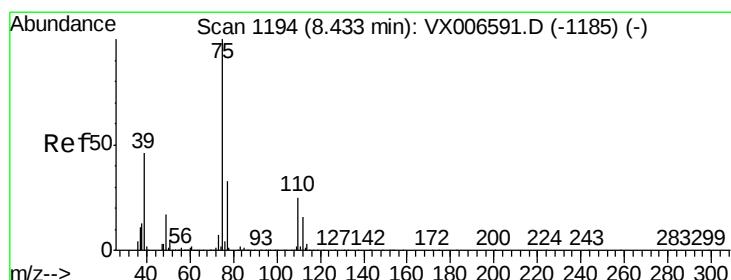
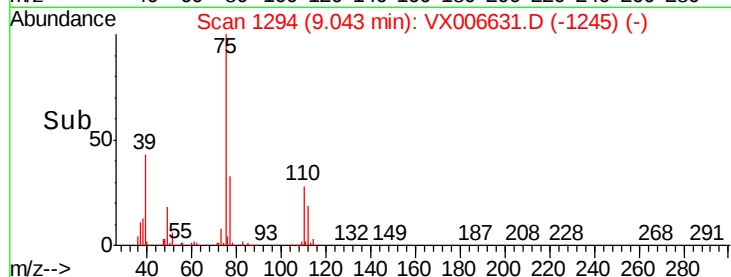
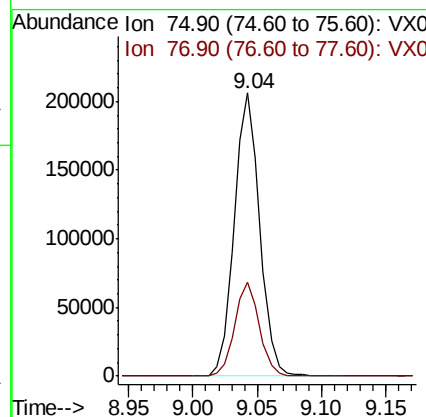
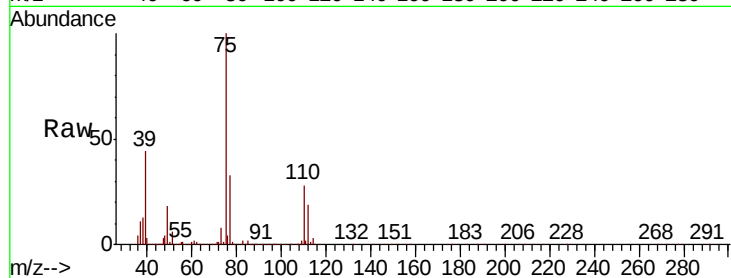
SA.PZ135I-20181208MS

Tot Ion: 75 Resp: 285122

Ion Ratio Lower Upper

75 100

77 33.1 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 46.127 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

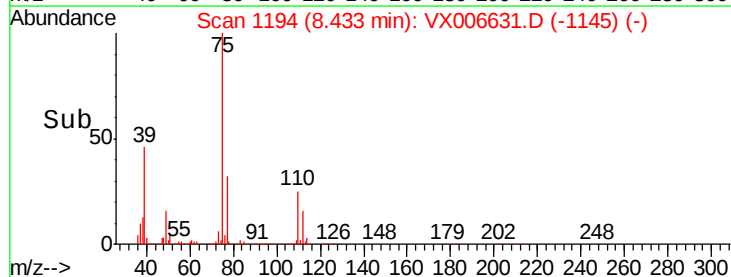
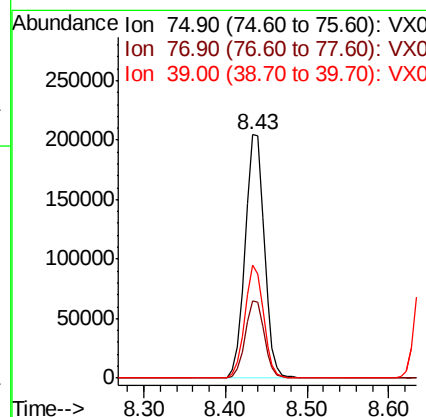
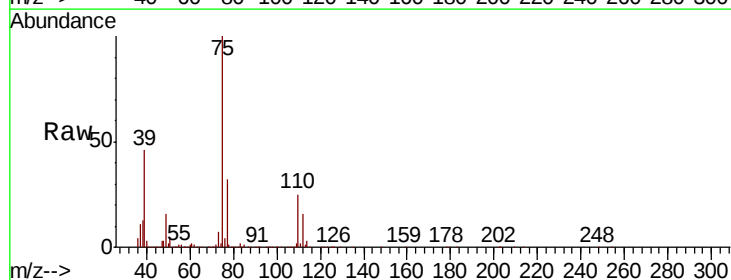
Tgt Ion: 75 Resp: 330238

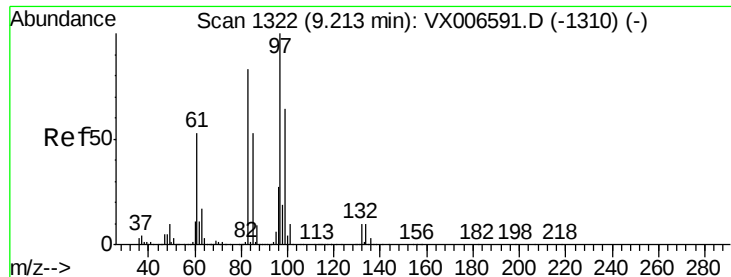
Ion Ratio Lower Upper

75 100

77 31.7 25.6 38.4

39 46.1 36.5 54.7





#55

1,1,2-Trichloroethane

Concen: 52.416 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

Instrument :

MSVOA_X

ClientSampleId :

SA.PZ135I-20181208MS

Tot Ion: 97 Resp: 283761

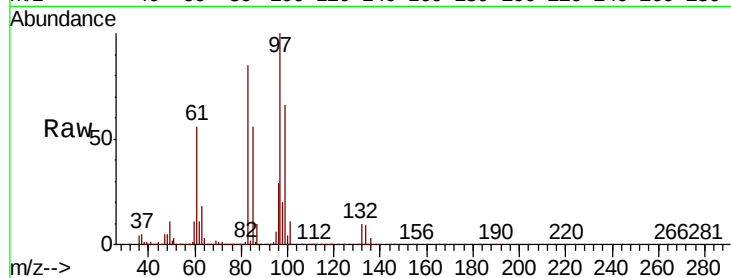
Ion Ratio Lower Upper

97 100

83 84.8 67.1 100.7

85 56.3 43.2 64.8

99 65.8 49.8 74.6

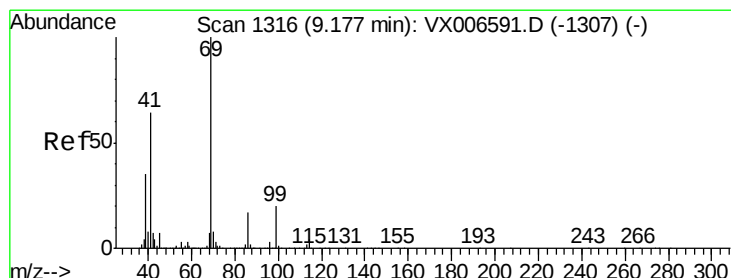
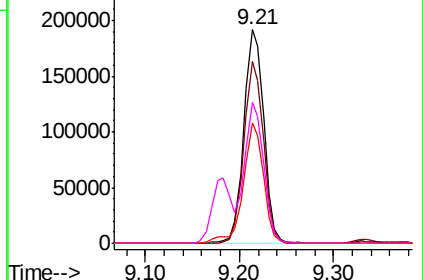
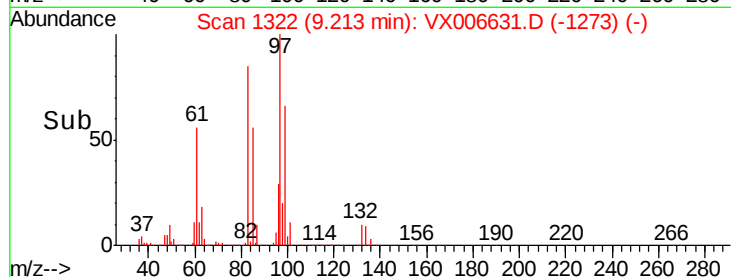


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 54.104 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

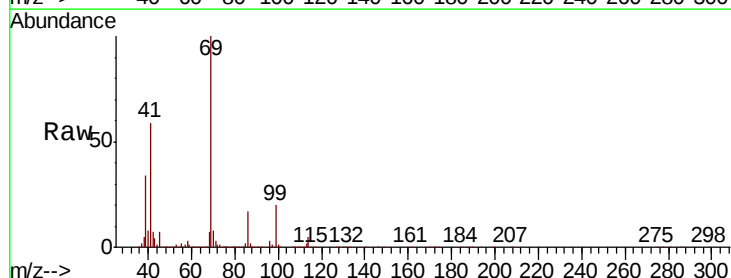
Tgt Ion: 69 Resp: 413970

Ion Ratio Lower Upper

69 100

41 60.9 50.6 76.0

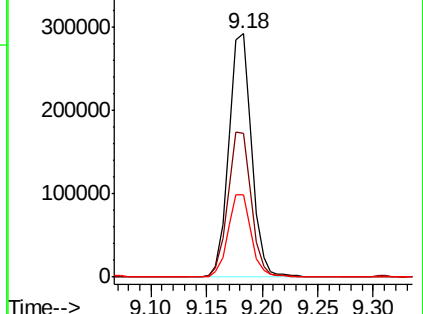
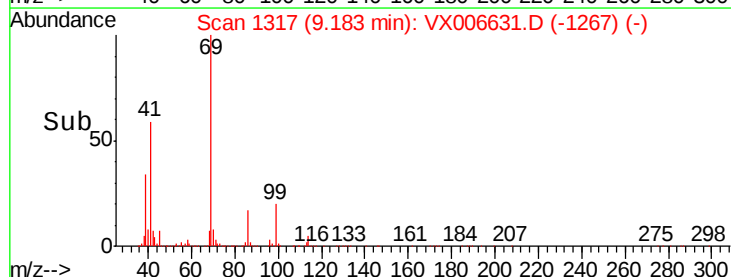
39 34.4 27.6 41.4



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: 52.089 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

Instrument :

MSVOA_X

ClientSampleId :

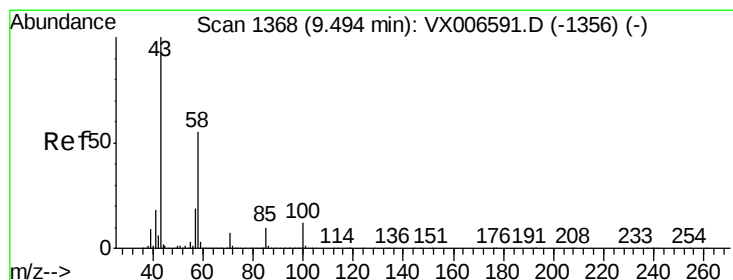
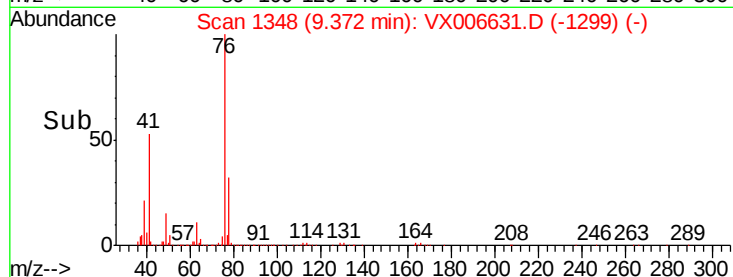
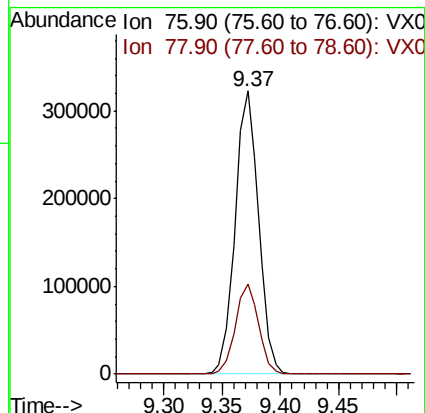
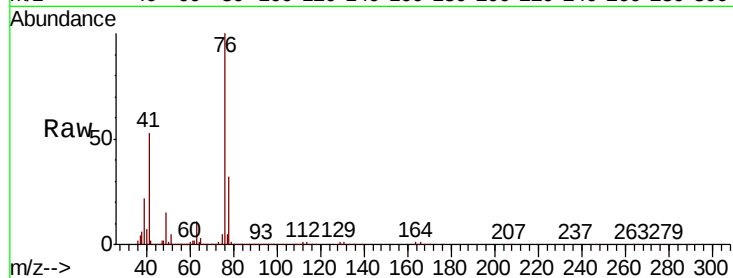
SA.PZ135I-20181208MS

Tot Ion: 76 Resp: 453690

Ion Ratio Lower Upper

76 100

78 31.6 26.1 39.1



#59

2-Hexanone

Concen: 274.170 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX006631.D

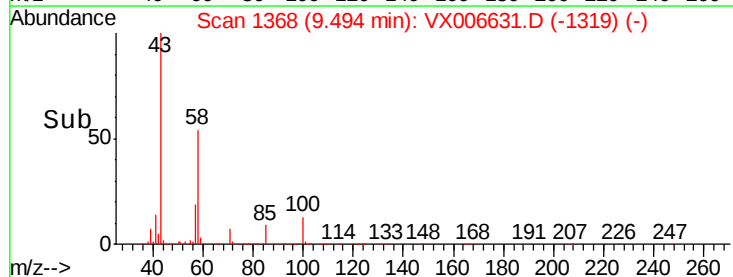
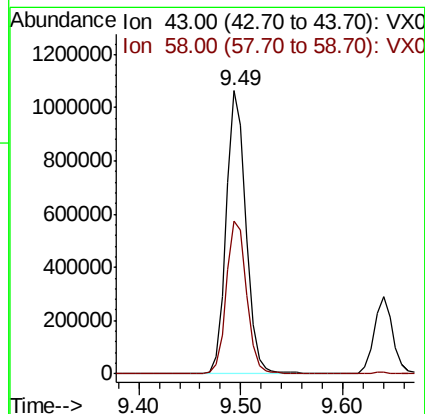
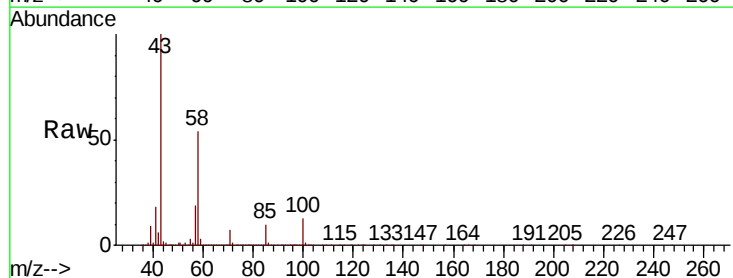
Acq: 19 Dec 2018 06:58

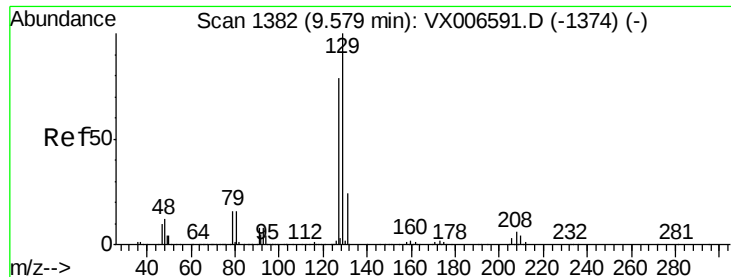
Tgt Ion: 43 Resp: 1423598

Ion Ratio Lower Upper

43 100

58 55.7 27.7 83.1





#60

Dibromochloromethane

Concen: 47.816 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

Instrument :

MSVOA_X

ClientSampleId :

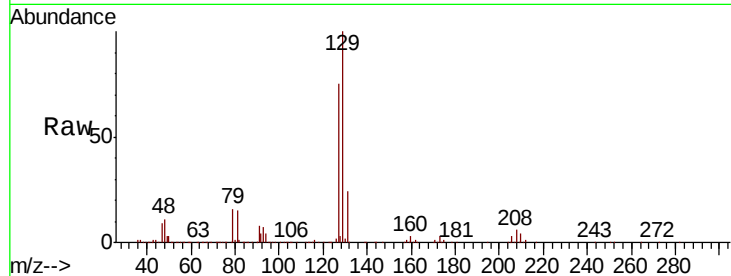
SA.PZ135I-20181208MS

Tot Ion:129 Resp: 270129

Ion Ratio Lower Upper

129 100

127 77.3 38.6 115.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

200000

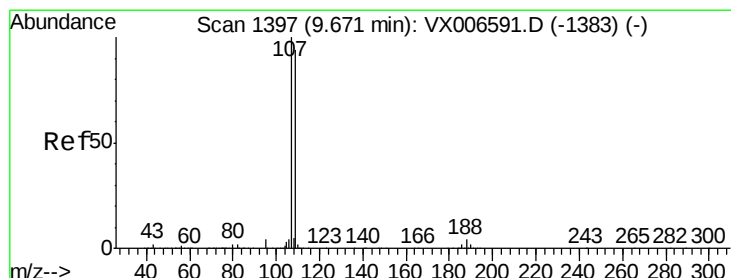
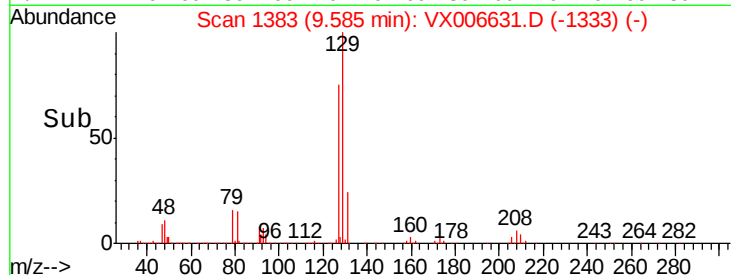
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 53.503 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006631.D

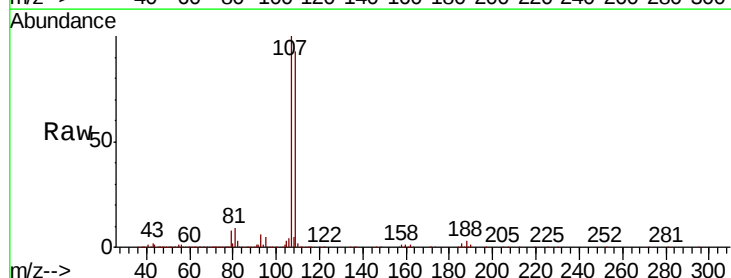
Acq: 19 Dec 2018 06:58

Tgt Ion:107 Resp: 307900

Ion Ratio Lower Upper

107 100

109 94.2 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

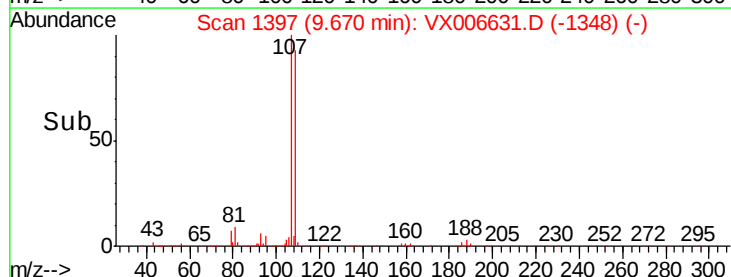
150000

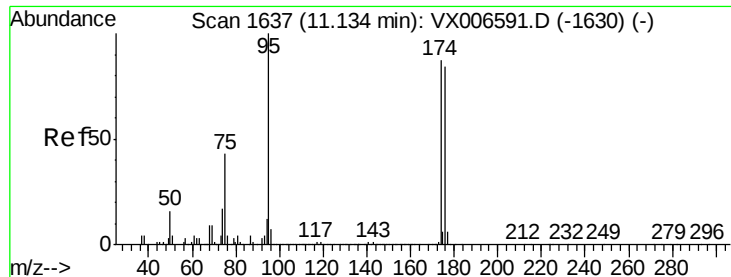
100000

50000

0

Time-->

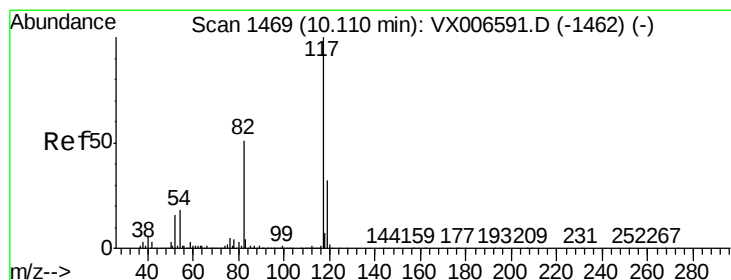
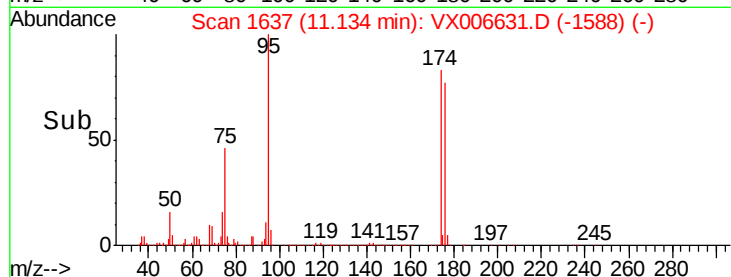
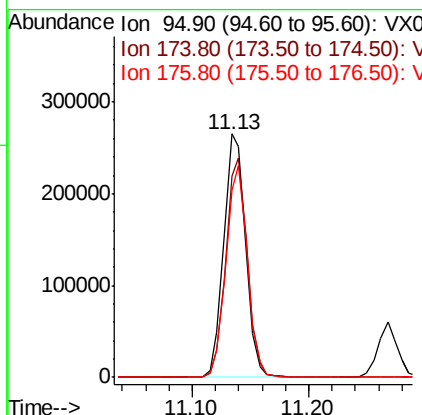
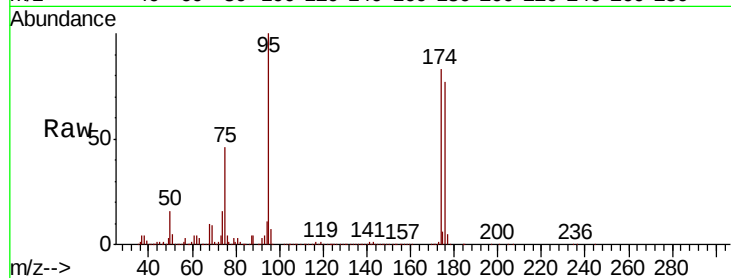




#62
4-Bromofluorobenzene
Concen: 48.304 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006631.D
Acq: 19 Dec 2018 06:58

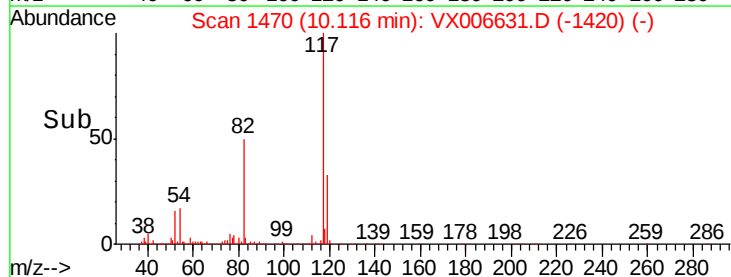
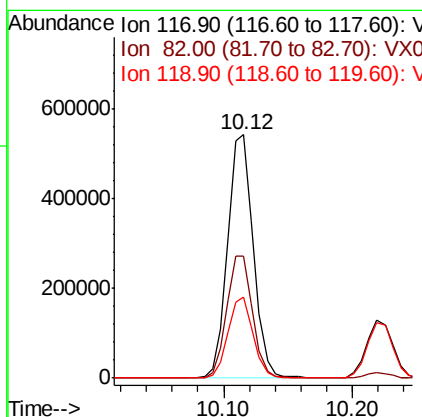
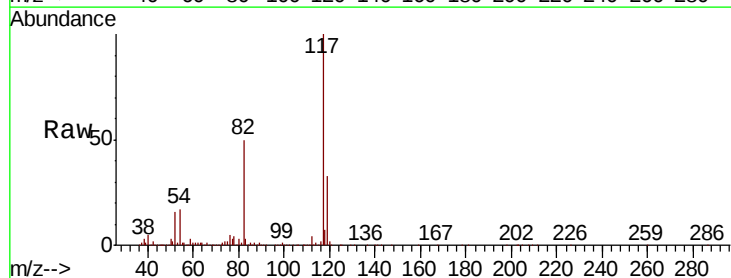
Instrument :
MSVOA_X
ClientSampleId :
SA.PZ135I-20181208MS

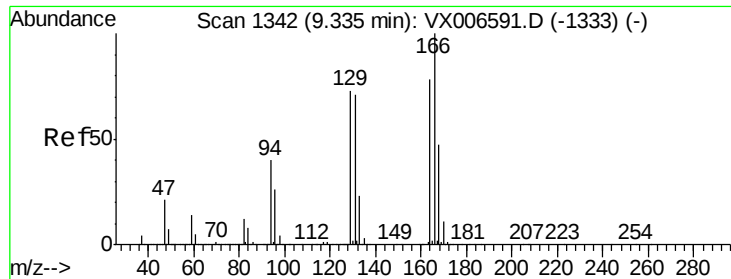
Tot Ion	Ratio	Lower	Upper
95	100		
174	89.0	0.0	187.0
176	85.6	0.0	181.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006631.D
Acq: 19 Dec 2018 06:58

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.2	39.6	59.4
119	33.1	26.3	39.5

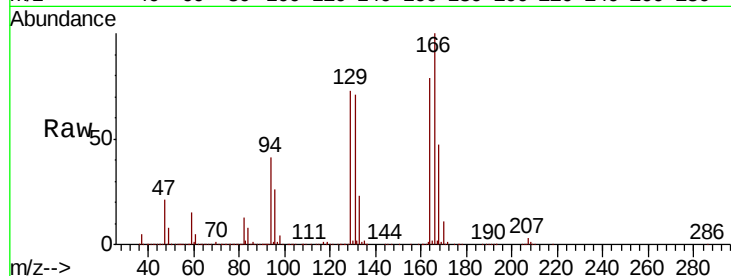




#64
Tetrachloroethene
Concen: 45.665 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006631.D
Acq: 19 Dec 2018 06:58

Instrument :
MSVOA_X
ClientSampleId :
SA.PZ135I-20181208MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.7	104.2	156.2
129	92.8	72.6	108.8
131	89.6	70.3	105.5



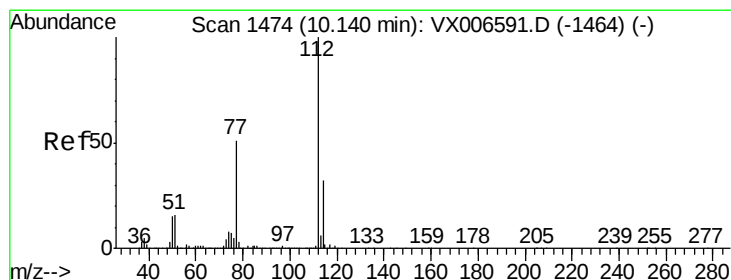
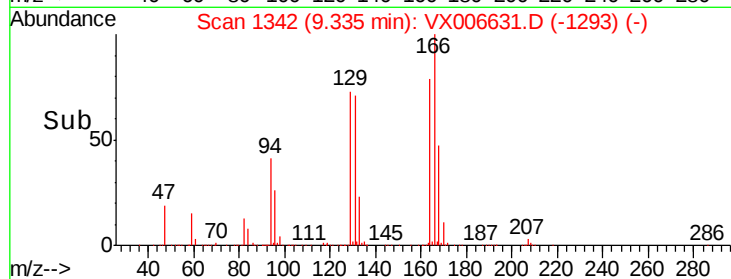
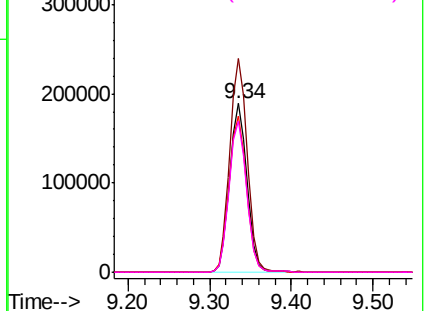
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

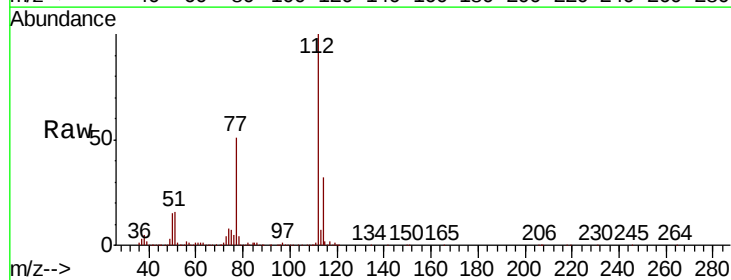
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65
Chlorobenzene
Concen: 49.419 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006631.D
Acq: 19 Dec 2018 06:58

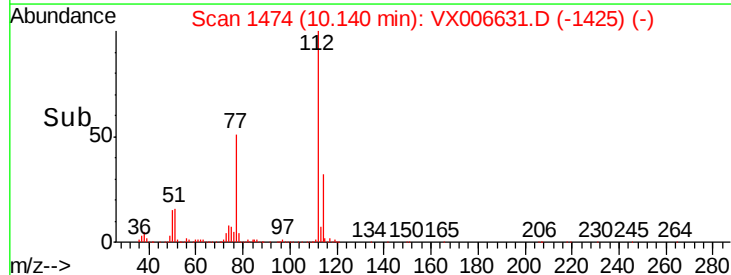
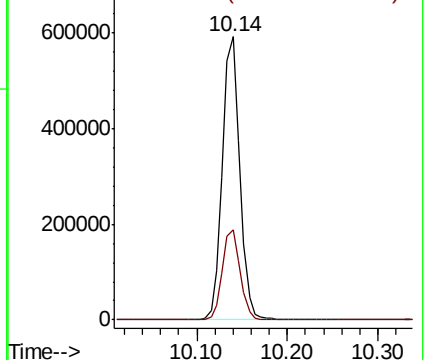
Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.4	38.2

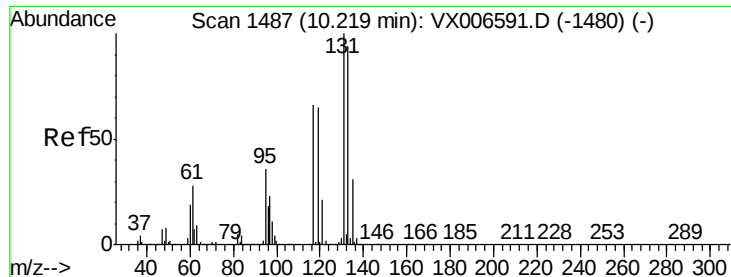


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 52.929 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

Instrument :

MSVOA_X

ClientSampleId :

SA.PZ135I-20181208MS

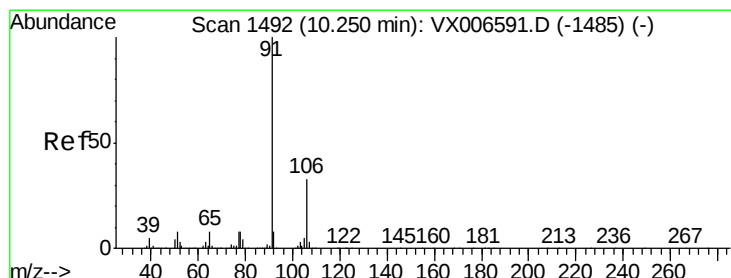
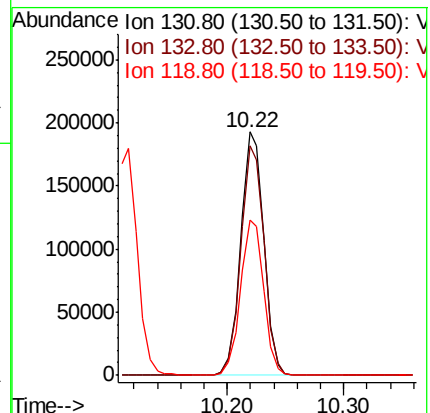
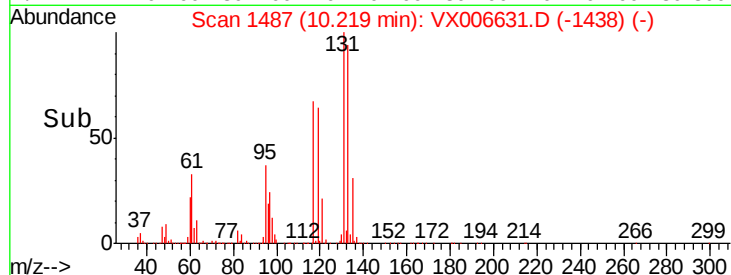
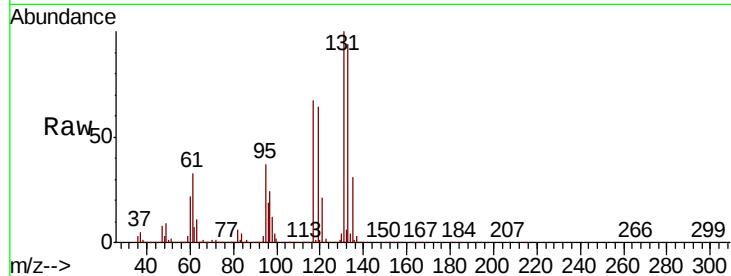
Tot Ion:131 Resp: 265599

Ion Ratio Lower Upper

131 100

133 95.2 48.1 144.4

119 64.3 32.1 96.3



#67

Ethyl Benzene

Concen: 49.665 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006631.D

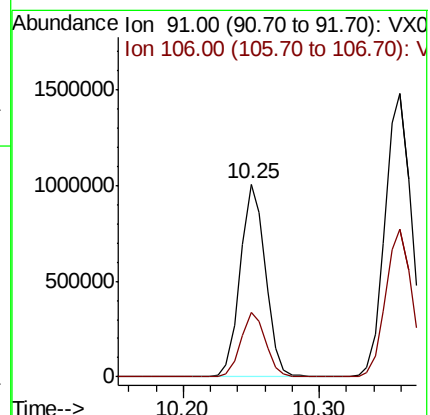
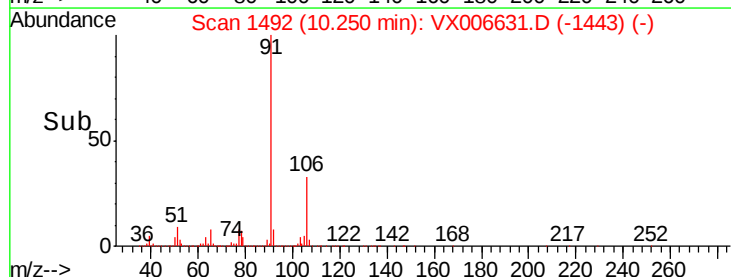
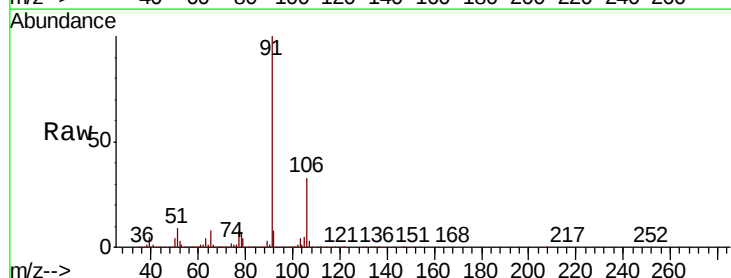
Acq: 19 Dec 2018 06:58

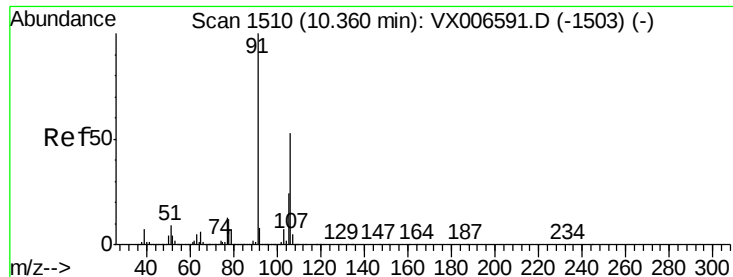
Tgt Ion: 91 Resp: 1305270

Ion Ratio Lower Upper

91 100

106 33.3 26.5 39.7





#68

m/p-Xylenes

Concen: 100.068 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

Instrument :

MSVOA_X

ClientSampleId :

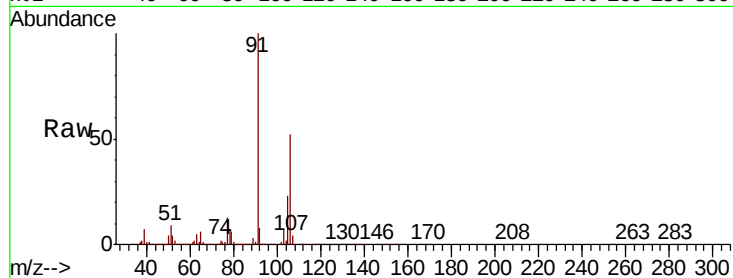
SA.PZ135I-20181208MS

Tot Ion:106 Resp: 1037765

Ion Ratio Lower Upper

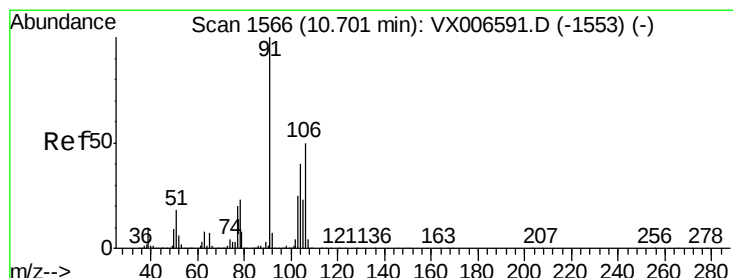
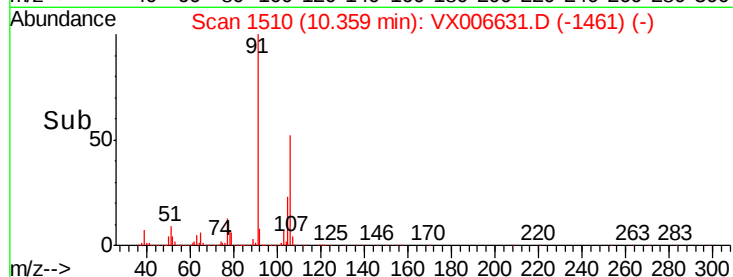
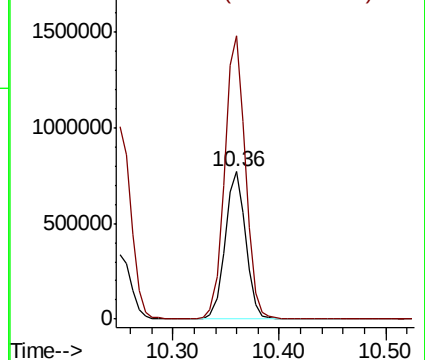
106 100

91 194.1 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 50.616 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX006631.D

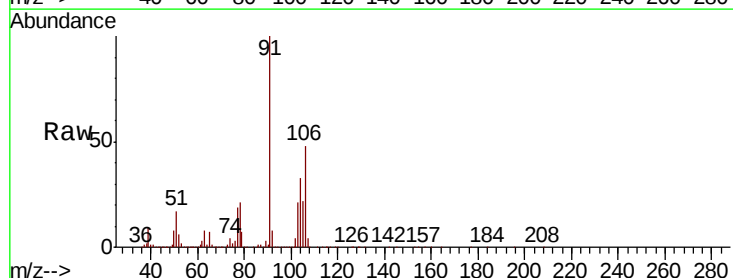
Acq: 19 Dec 2018 06:58

Tgt Ion:106 Resp: 518349

Ion Ratio Lower Upper

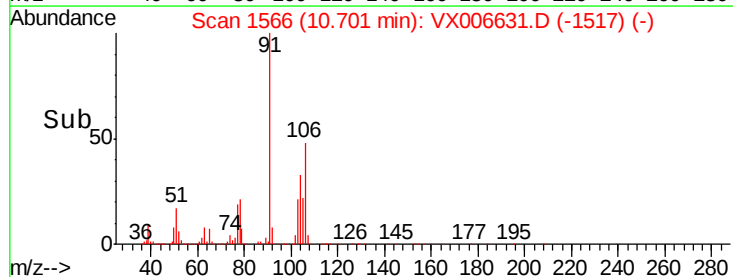
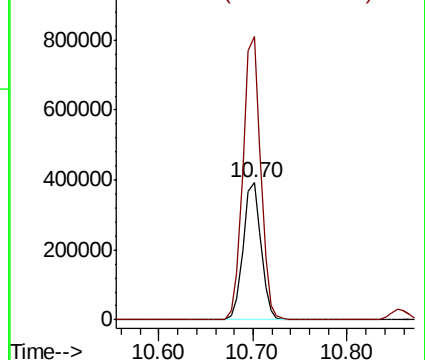
106 100

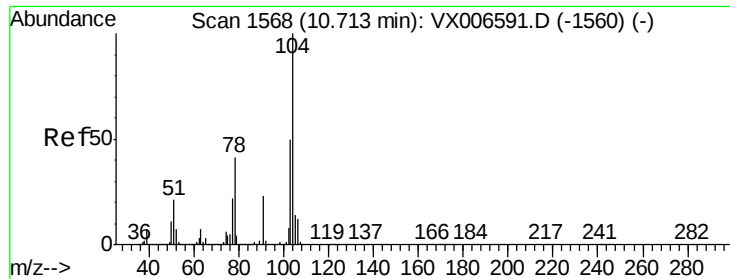
91 205.2 101.8 305.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Stvrene

Concen: 51.762 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

Instrument :

MSVOA_X

ClientSampleId :

SA.PZ135I-20181208MS

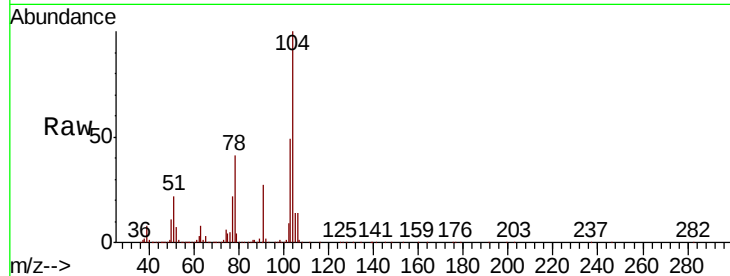
Tot Ion:104 Resp: 838620

Ion Ratio Lower Upper

104 100

78 47.0 37.2 55.8

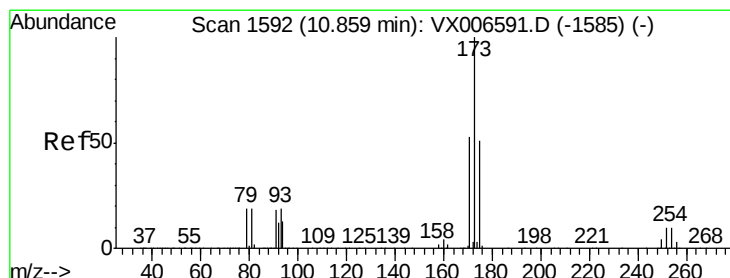
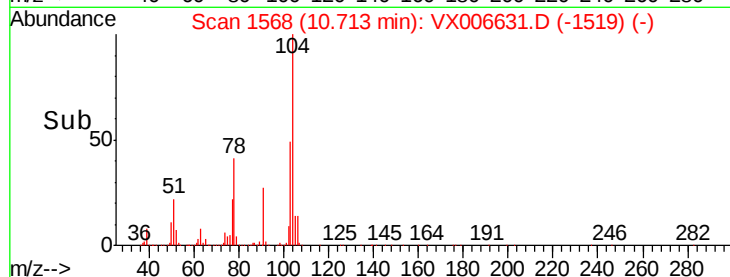
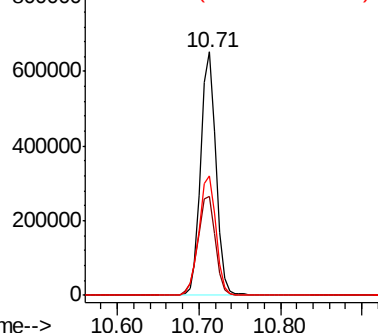
103 54.9 43.5 65.3



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: 43.463 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

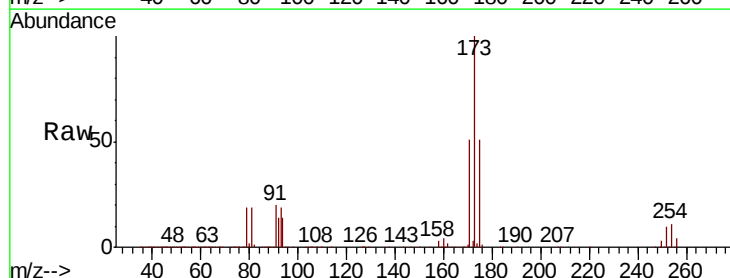
Tgt Ion:173 Resp: 193830

Ion Ratio Lower Upper

173 100

175 49.6 24.6 73.8

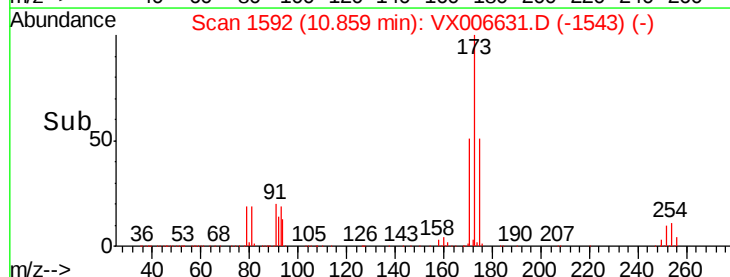
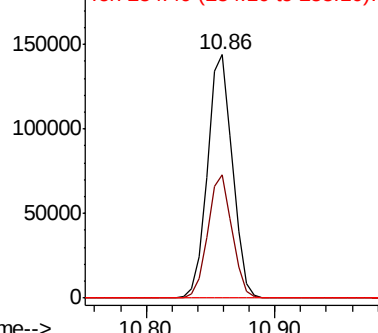
254 0.1 0.2 0.2#

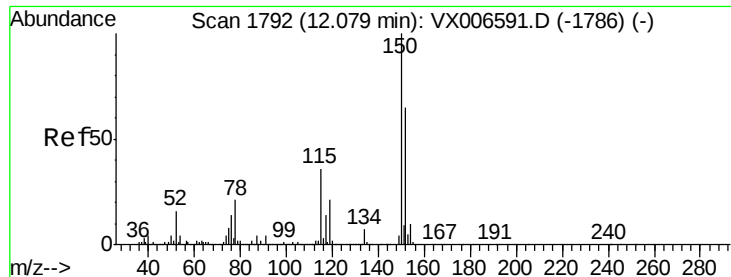


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

Instrument :

MSVOA_X

ClientSampleId :

SA.PZ135I-20181208MS

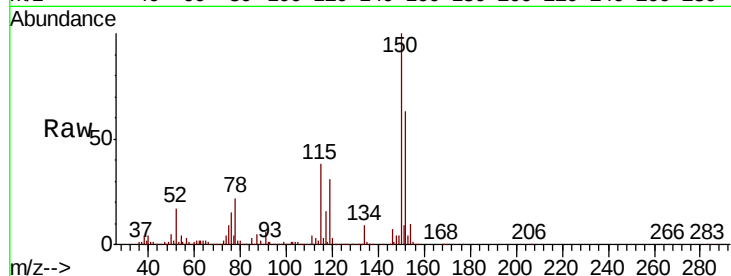
Tot Ion:152 Resp: 390586

Ion Ratio Lower Upper

152 100

115 78.2 39.0 116.9

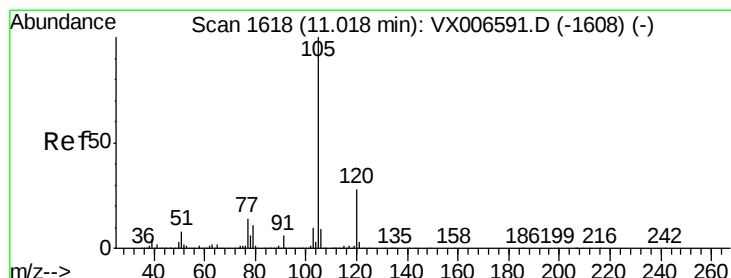
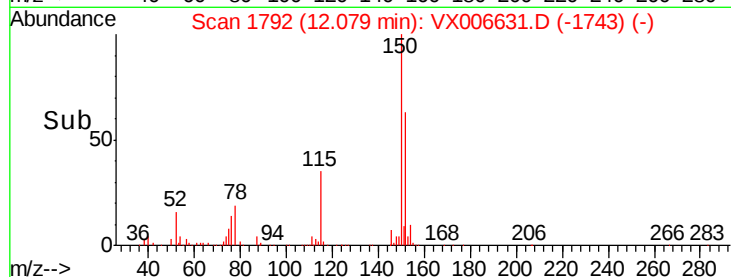
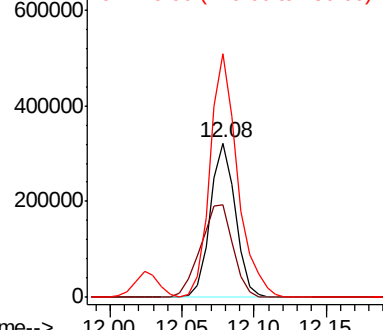
150 172.9 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 50.385 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006631.D

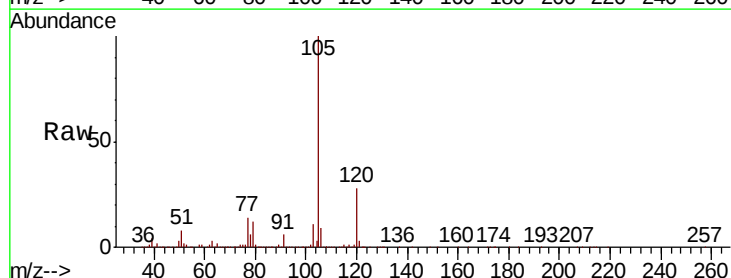
Acq: 19 Dec 2018 06:58

Tgt Ion:105 Resp: 1346335

Ion Ratio Lower Upper

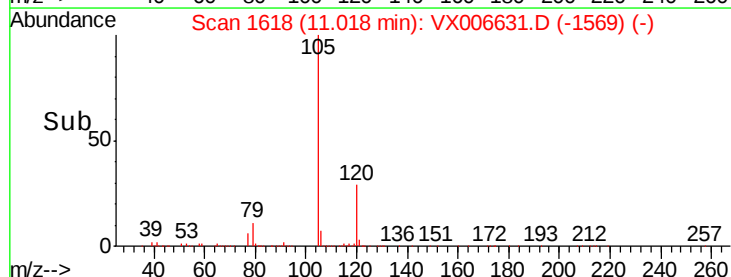
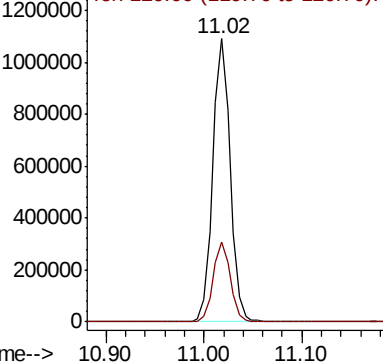
105 100

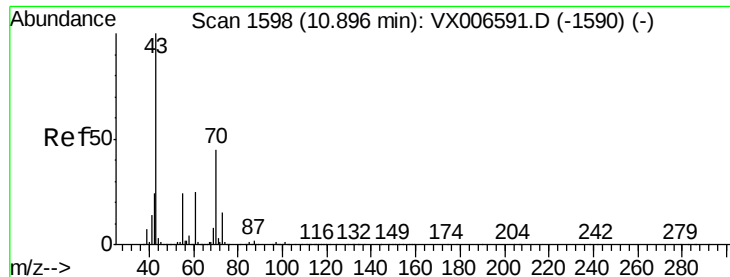
120 27.9 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 36.853 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

Instrument :

MSVOA_X

ClientSampleId :

SA.PZ135I-20181208MS

Tot Ion: 43 Resp: 352482

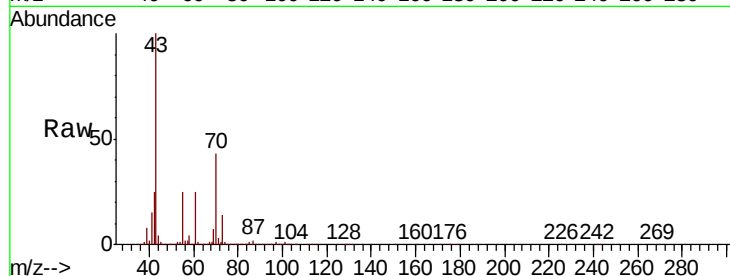
Ion Ratio Lower Upper

43 100

70 45.2 34.1 51.1

55 24.6 17.8 26.8

61 25.1 19.7 29.5

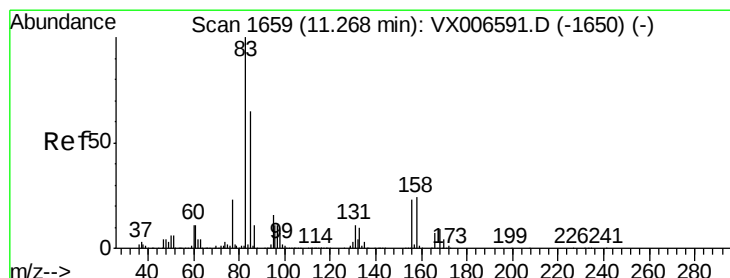
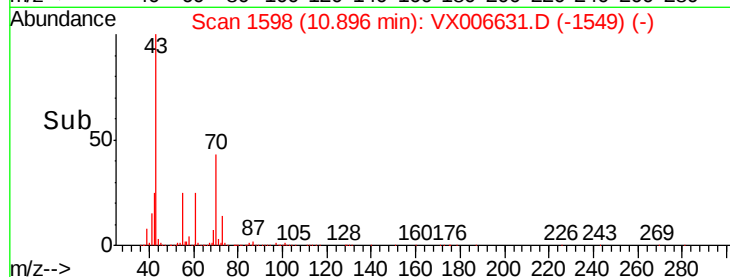
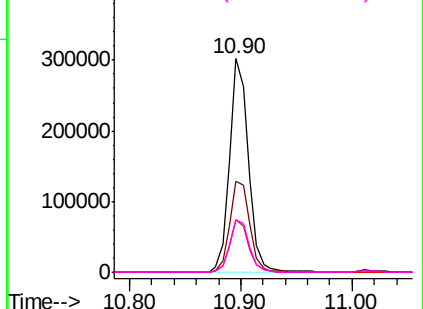


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 53.779 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

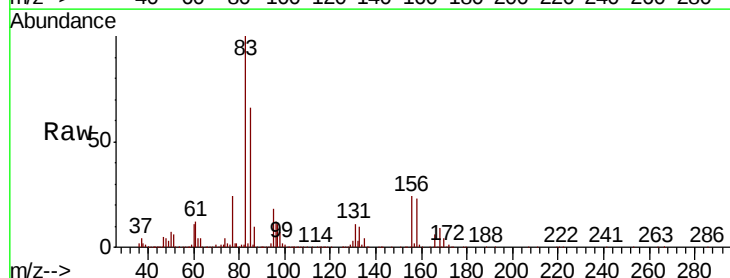
Tgt Ion: 83 Resp: 427370

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.1

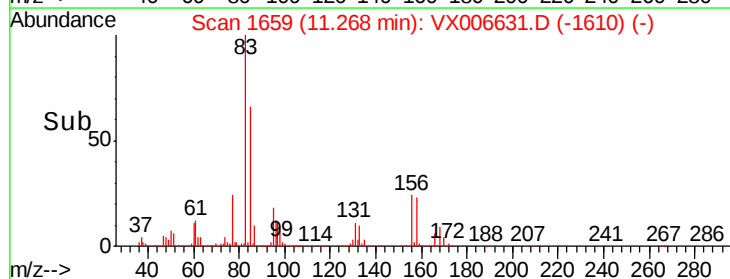
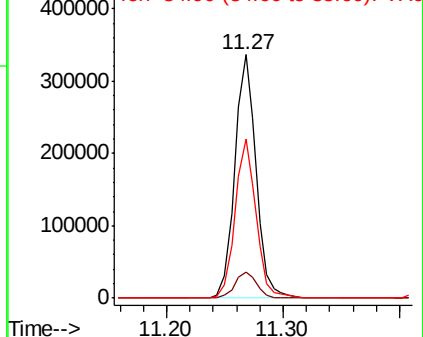
85 64.8 32.1 96.5

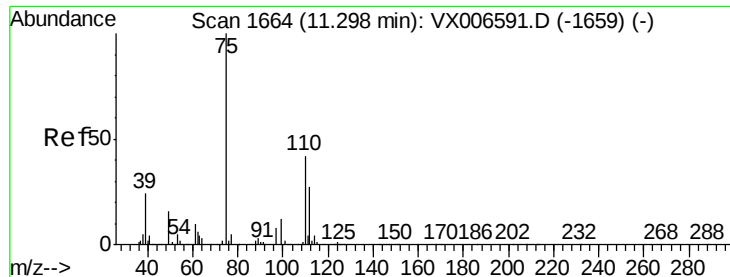


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

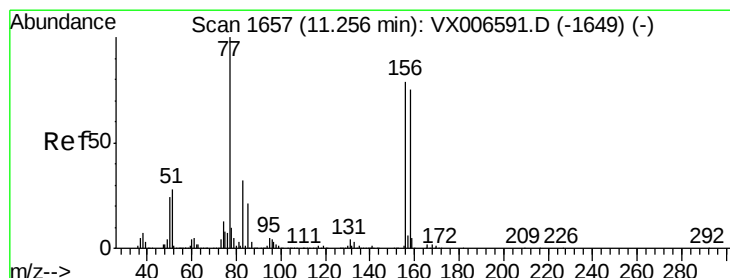
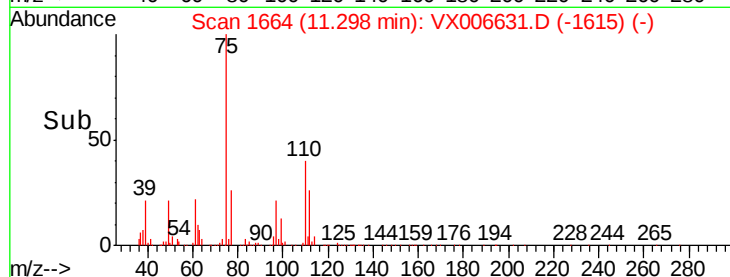
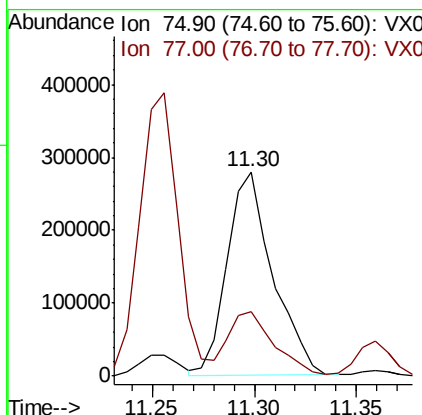
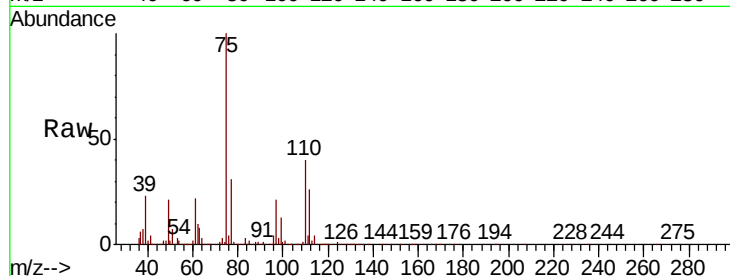




#76
 1,2,3-Trichloropropane
 Concen: 62.908 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX006631.D
 Acq: 19 Dec 2018 06:58

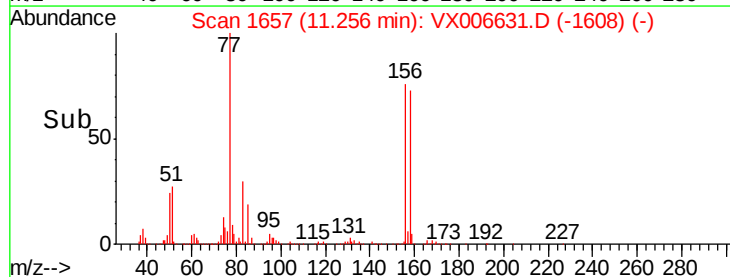
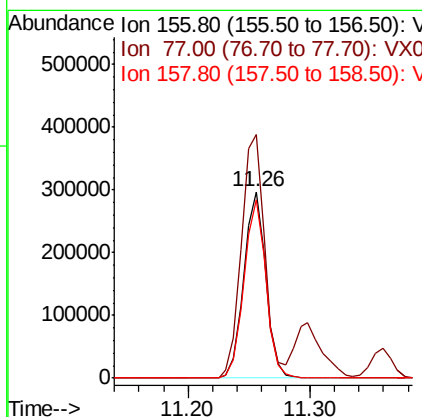
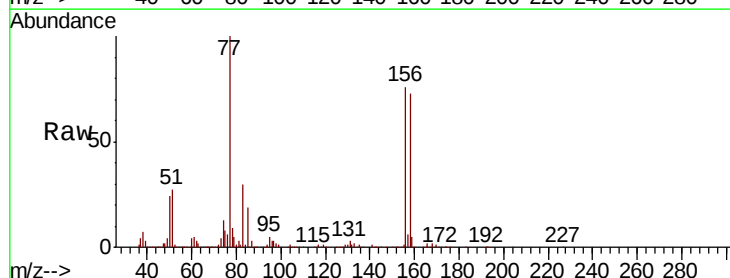
Instrument :
 MSVOA_X
 ClientSampleId :
 SA.PZ135I-20181208MS

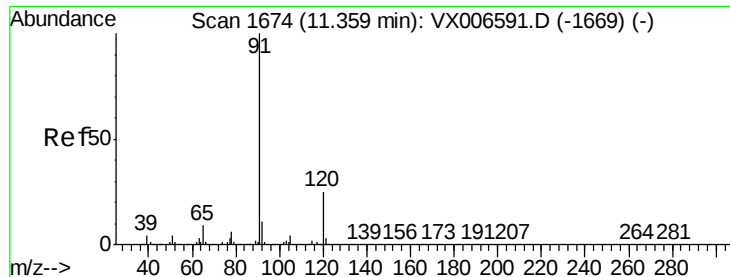
Tot Ion: 75 Resp: 430648
 Ion Ratio Lower Upper
 75 100
 77 31.4 19.9 59.7



#77
 Bromobenzene
 Concen: 51.097 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX006631.D
 Acq: 19 Dec 2018 06:58

Tgt Ion: 156 Resp: 369130
 Ion Ratio Lower Upper
 156 100
 77 138.4 66.2 198.6
 158 96.1 48.8 146.4





#78

n-propylbenzene

Concen: 49.854 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

Instrument :

MSVOA_X

ClientSampleId :

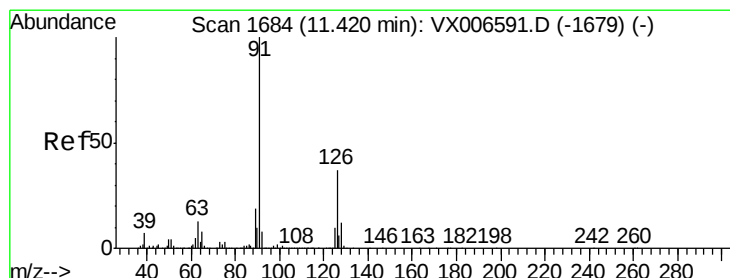
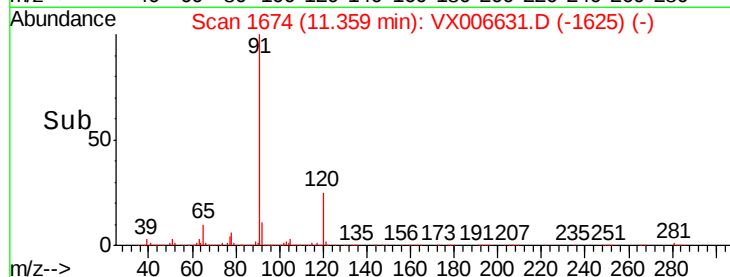
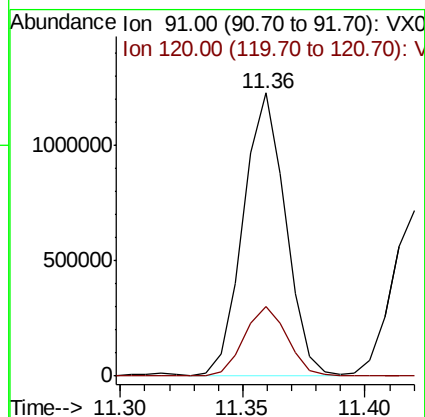
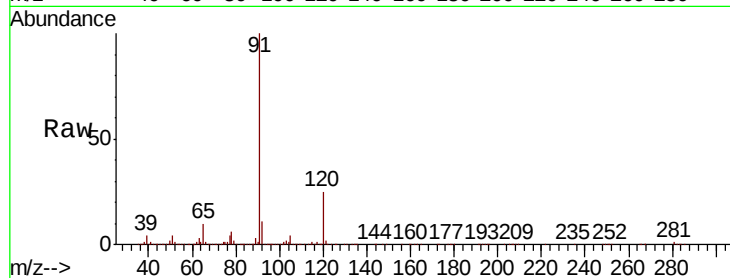
SA.PZ135I-20181208MS

Tot Ion: 91 Resp: 1466938

Ion Ratio Lower Upper

91 100

120 25.1 12.7 38.0



#79

2-Chlorotoluene

Concen: 49.983 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006631.D

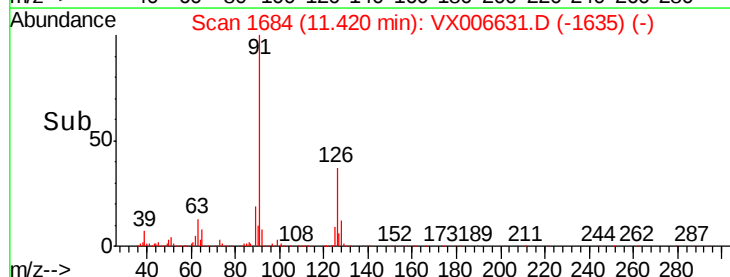
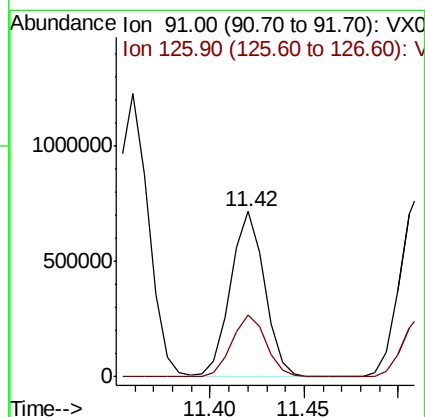
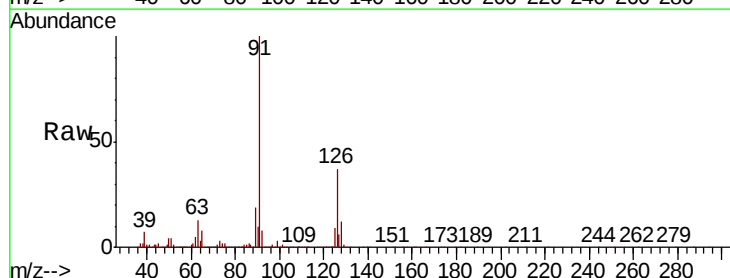
Acq: 19 Dec 2018 06:58

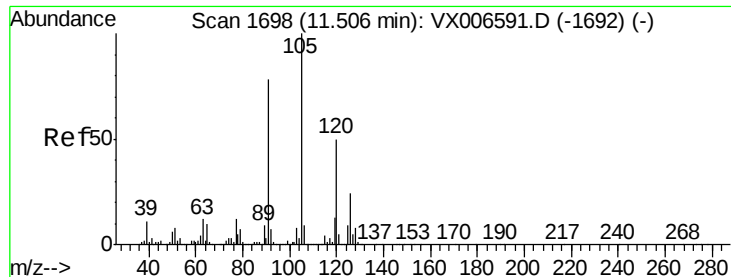
Tgt Ion: 91 Resp: 891287

Ion Ratio Lower Upper

91 100

126 37.8 18.6 56.0

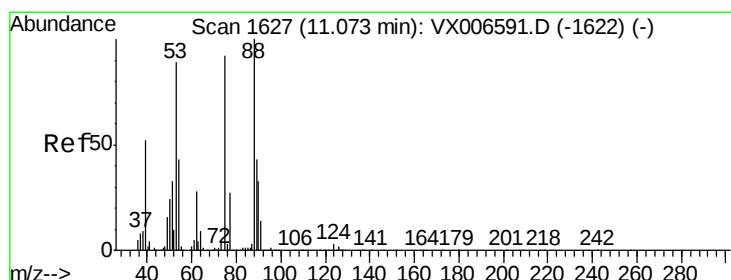
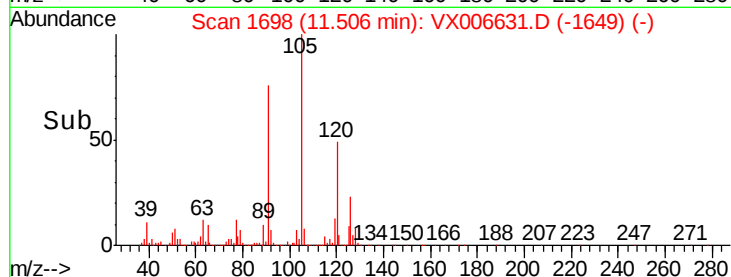
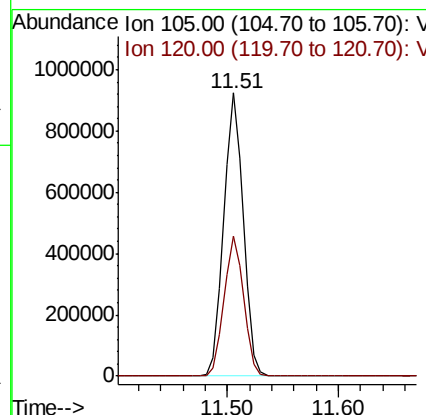
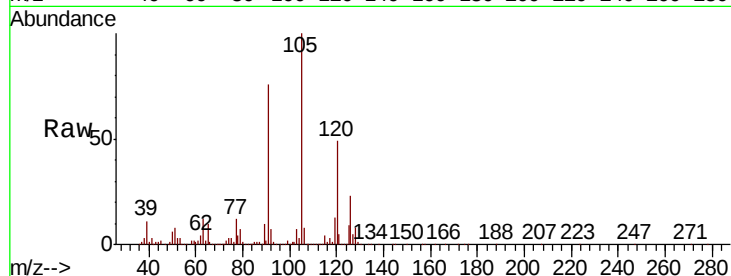




#80
 1,3,5-Trimethylbenzene
 Concen: 50.912 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006631.D
 Acq: 19 Dec 2018 06:58

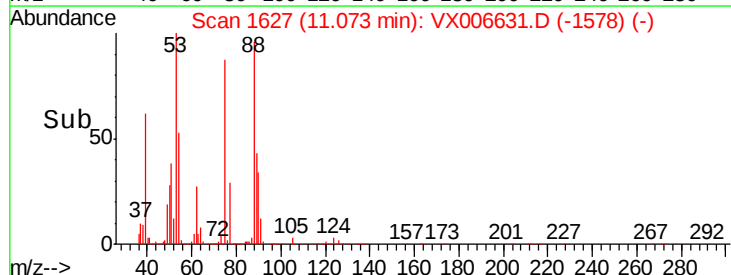
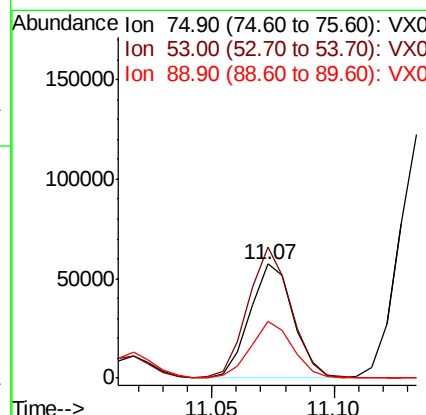
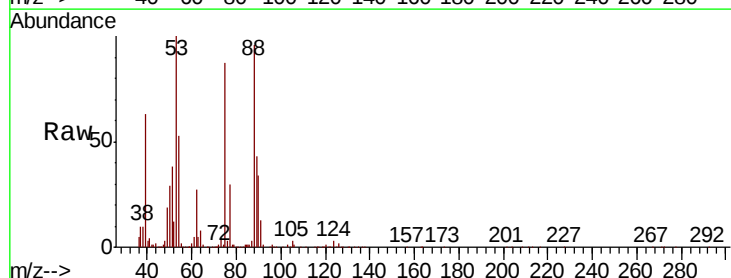
Instrument :
 MSVOA_X
 ClientSampleId :
 SA.PZ135I-20181208MS

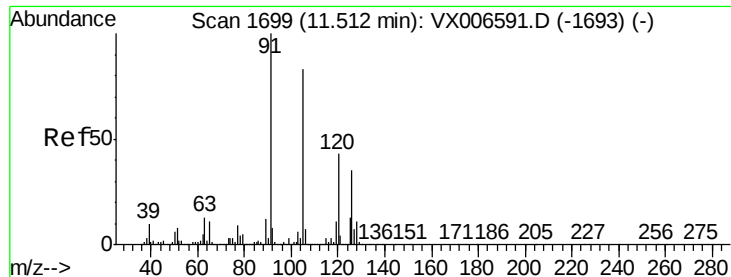
Tot Ion:105 Resp: 1120516
 Ion Ratio Lower Upper
 105 100
 120 49.4 25.4 76.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 31.368 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX006631.D
 Acq: 19 Dec 2018 06:58

Tgt Ion: 75 Resp: 70708
 Ion Ratio Lower Upper
 75 100
 53 112.7 64.4 96.6#
 89 49.1 44.2 66.4

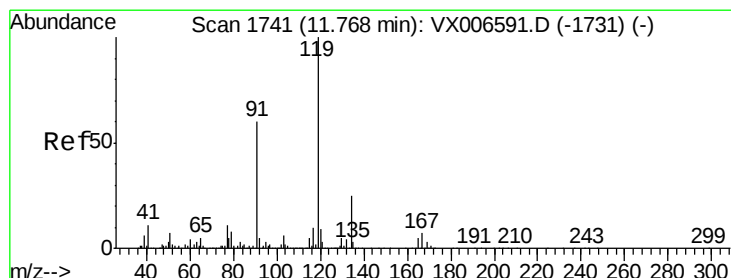
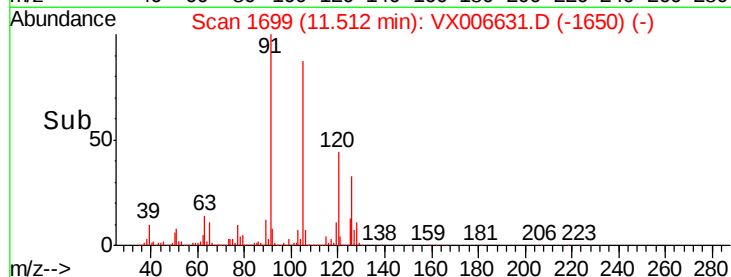
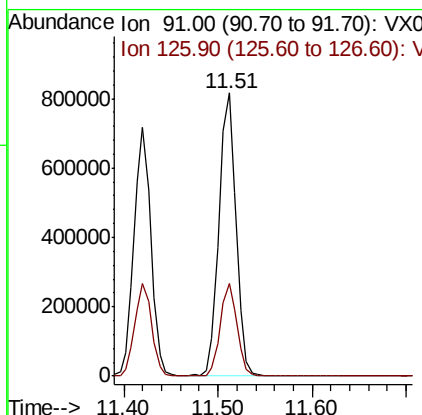
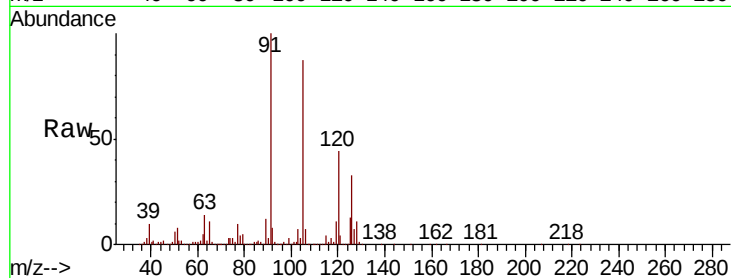




#82
4-Chlorotoluene
Concen: 50.227 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006631.D
Acq: 19 Dec 2018 06:58

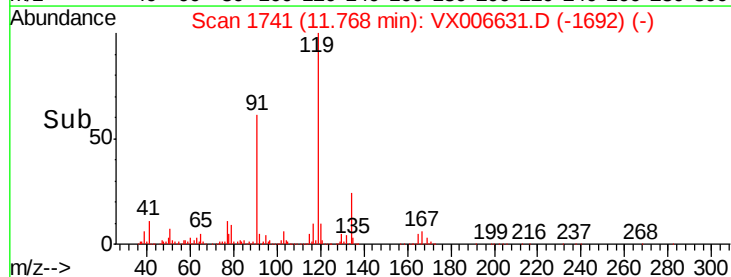
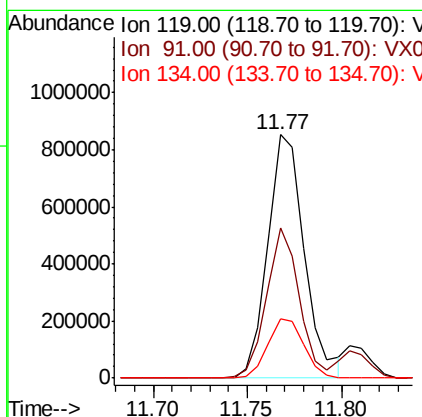
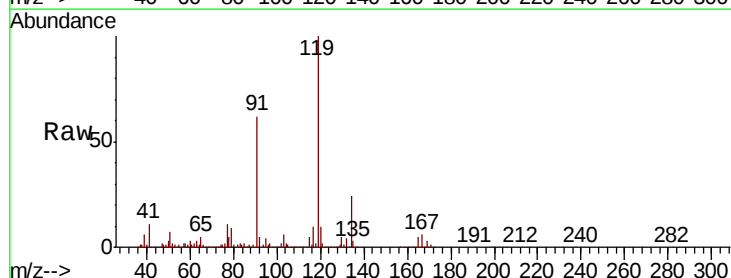
Instrument :
MSVOA_X
ClientSampleId :
SA.PZ135I-20181208MS

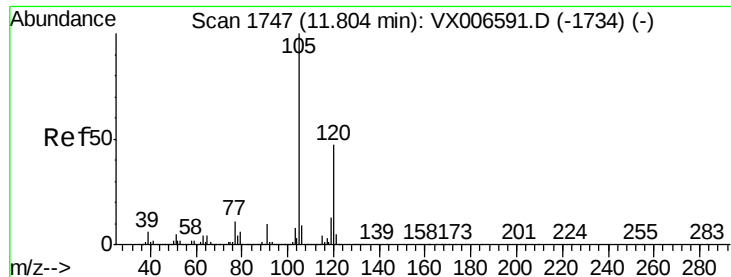
Tot Ion: 91 Resp: 1027352
Ion Ratio Lower Upper
91 100
126 32.2 16.4 49.4



#83
tert-Butylbenzene
Concen: 52.275 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX006631.D
Acq: 19 Dec 2018 06:58

Tgt Ion: 119 Resp: 1151499
Ion Ratio Lower Upper
119 100
91 54.9 26.4 79.2
134 24.1 11.6 34.7





#84

1,2,4-Trimethylbenzene

Concen: 49.448 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

Instrument :

MSVOA_X

ClientSampleId :

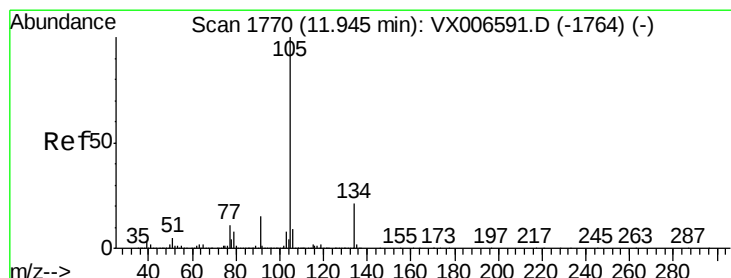
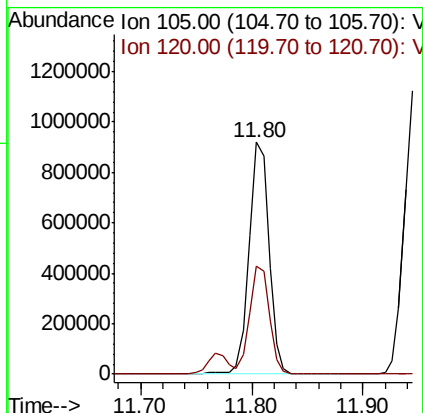
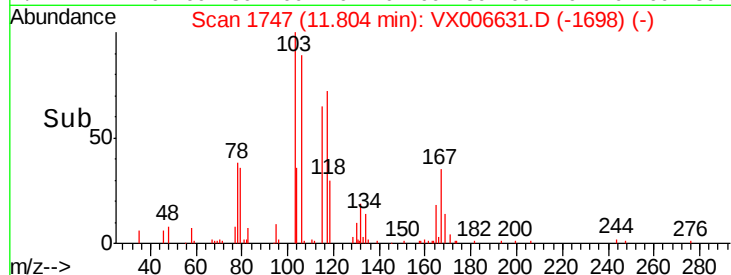
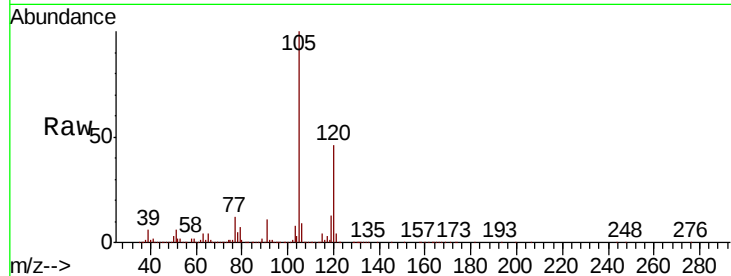
SA.PZ135I-20181208MS

Tot Ion:105 Resp: 1144712

Ion Ratio Lower Upper

105 100

120 46.0 23.4 70.0



#85

sec-Butylbenzene

Concen: 49.805 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006631.D

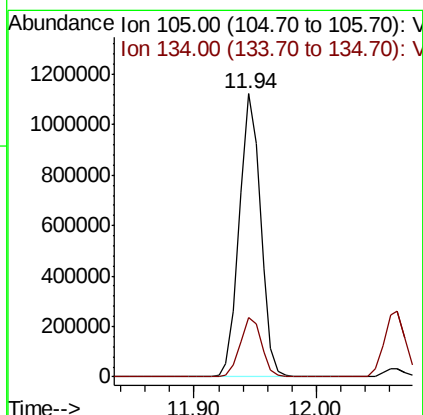
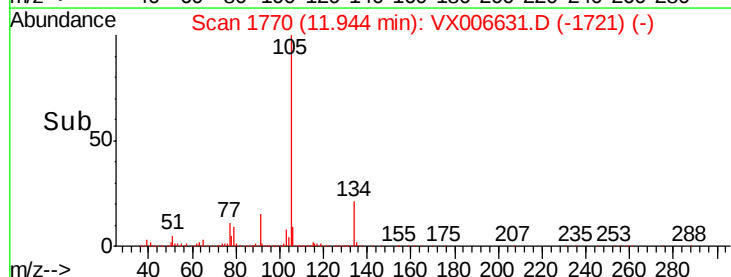
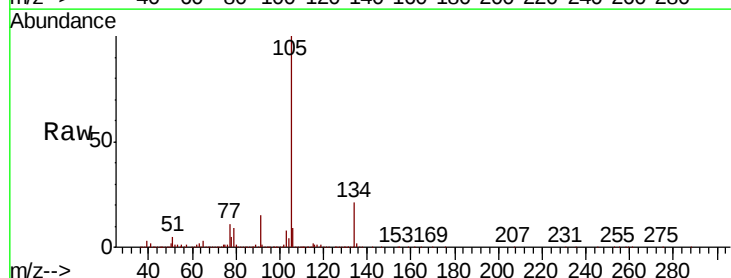
Acq: 19 Dec 2018 06:58

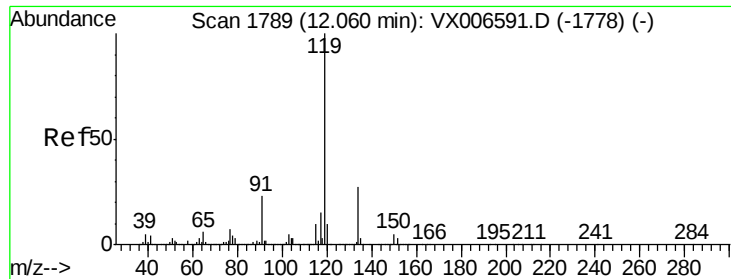
Tgt Ion:105 Resp: 1345073

Ion Ratio Lower Upper

105 100

134 21.1 10.8 32.4

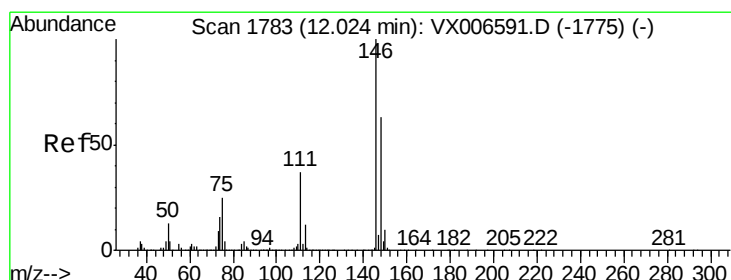
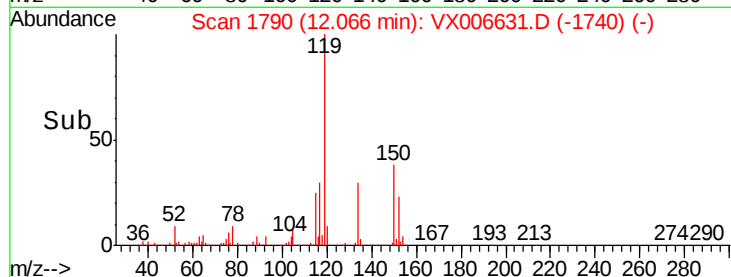
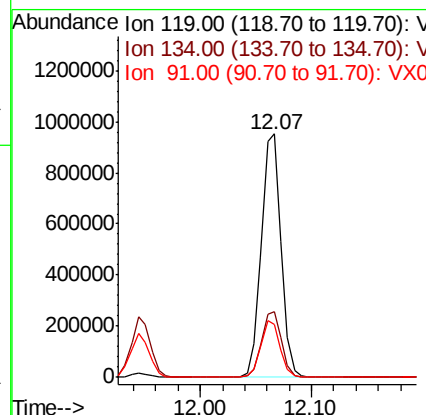
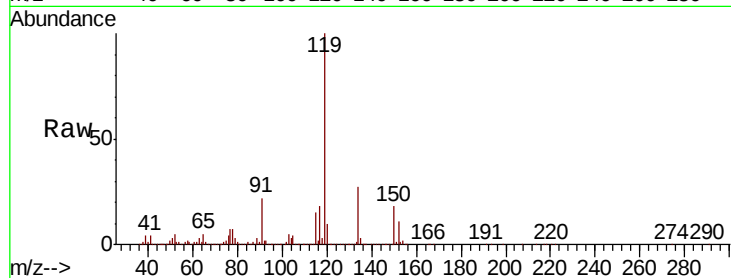




#86
p-Isopropyltoluene
Concen: 49.660 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.01 min
Lab File: VX006631.D
Acq: 19 Dec 2018 06:58

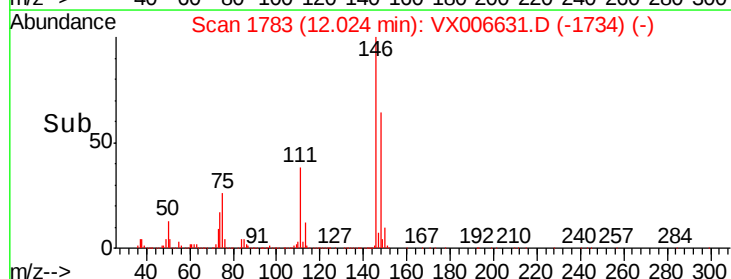
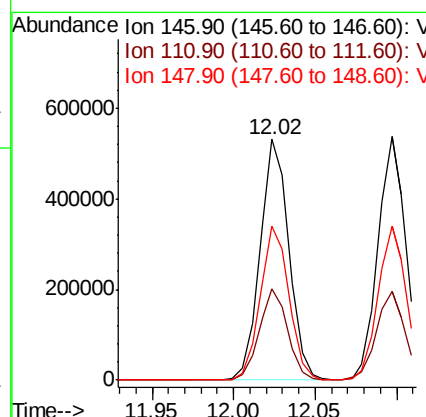
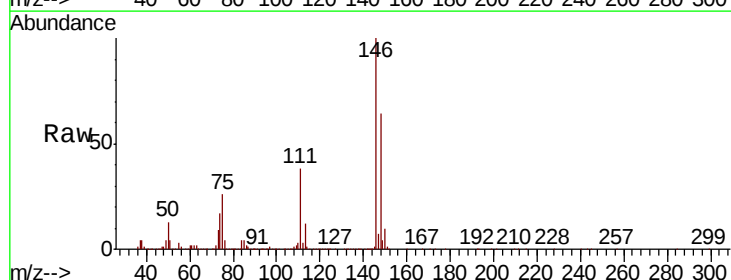
Instrument :
MSVOA_X
ClientSampleId :
SA.PZ135I-20181208MS

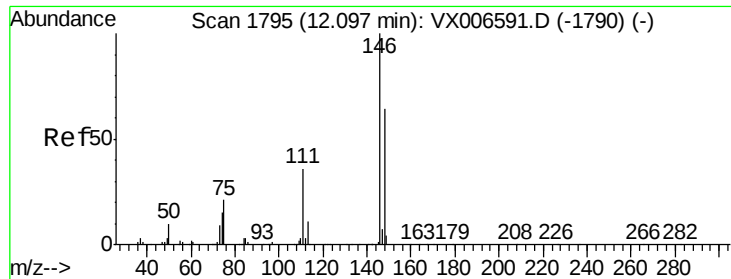
Tot Ion:119 Resp: 1178935
Ion Ratio Lower Upper
119 100
134 27.3 13.9 41.6
91 22.6 11.3 33.8



#87
1,3-Dichlorobenzene
Concen: 49.954 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX006631.D
Acq: 19 Dec 2018 06:58

Tgt Ion:146 Resp: 650386
Ion Ratio Lower Upper
146 100
111 37.6 18.4 55.2
148 64.0 32.0 96.0

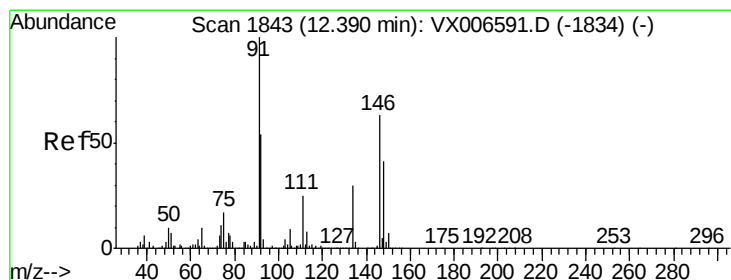
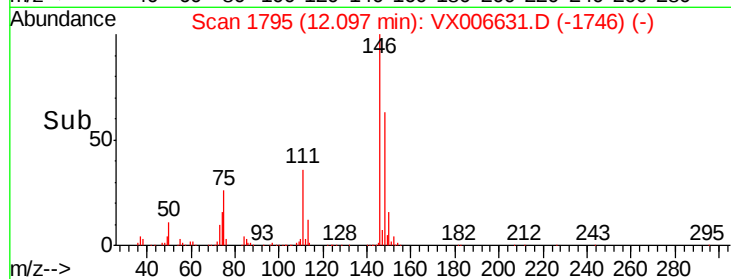
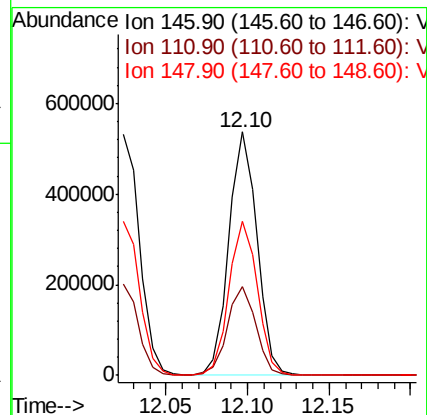
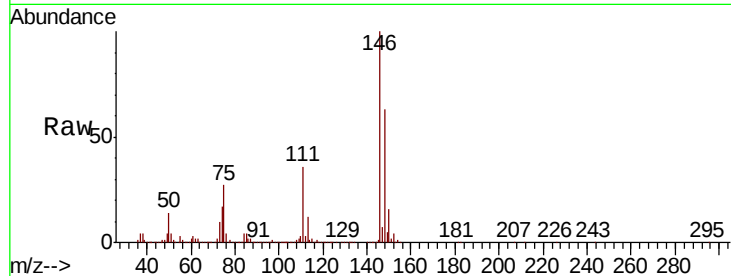




#88
 1,4-Dichlorobenzene
 Concen: 48.290 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006631.D
 Acq: 19 Dec 2018 06:58

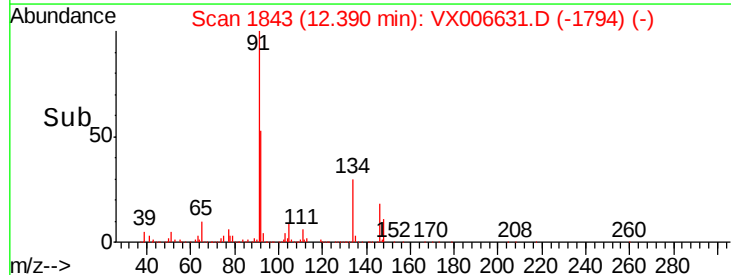
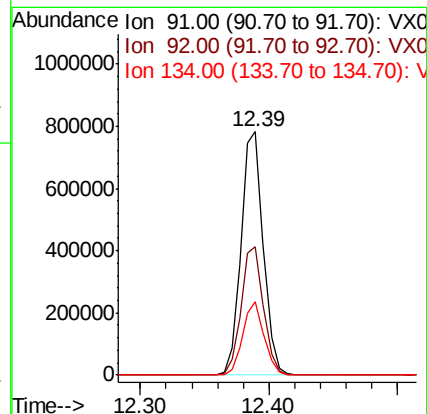
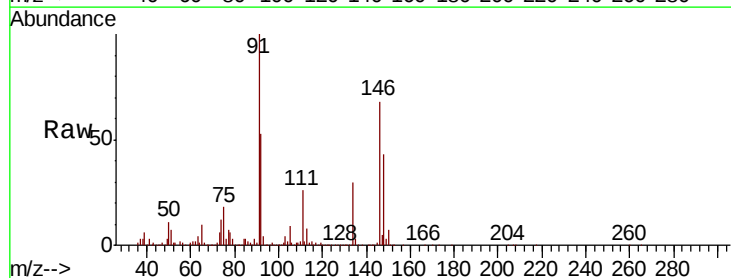
Instrument :
 MSVOA_X
 ClientSampleId :
 SA.PZ135I-20181208MS

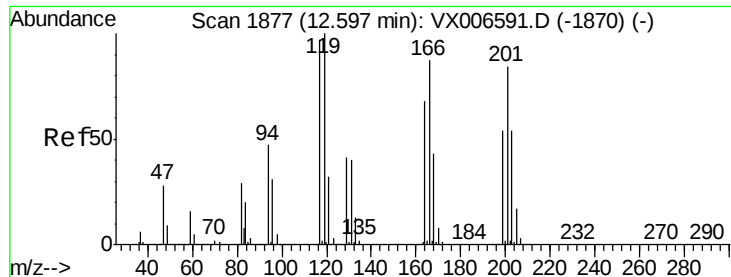
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.3	54.8
148	64.0	31.9	95.9



#89
 n-Butylbenzene
 Concen: 46.347 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006631.D
 Acq: 19 Dec 2018 06:58

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.6	79.8
134	28.9	14.8	44.3





#90

Hexachloroethane

Concen: 46.414 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

Instrument :

MSVOA_X

ClientSampleId :

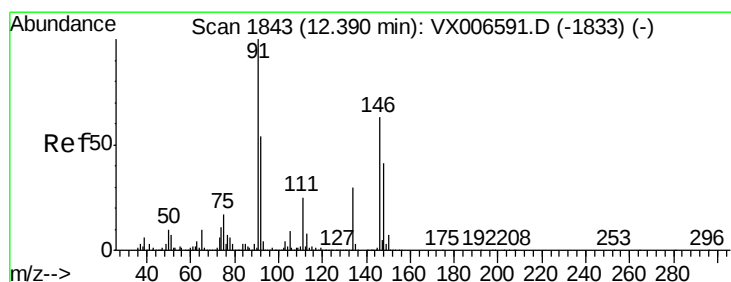
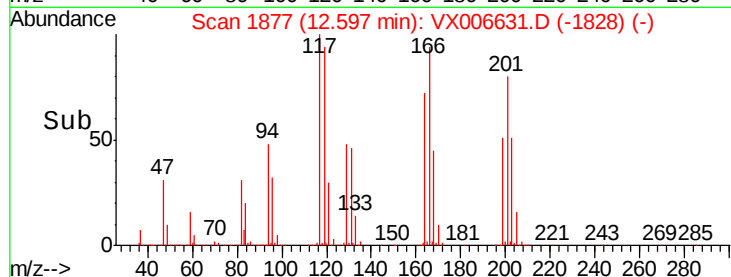
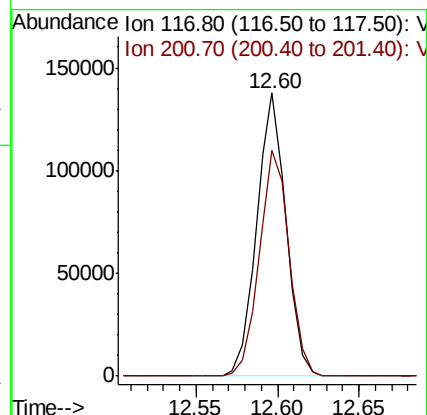
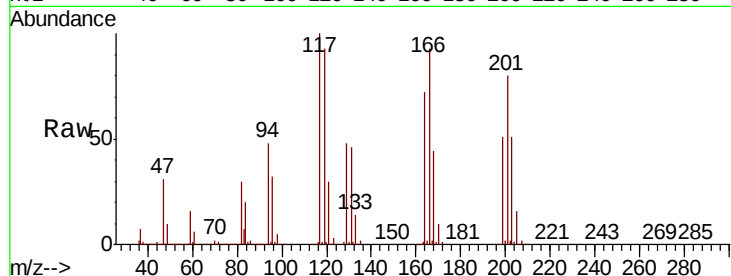
SA.PZ135I-20181208MS

Tot Ion:117 Resp: 171509

Ion Ratio Lower Upper

117 100

201 81.1 44.7 134.1



#91

1,2-Dichlorobenzene

Concen: 49.759 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

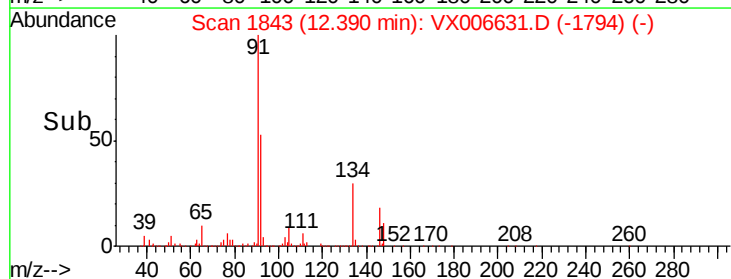
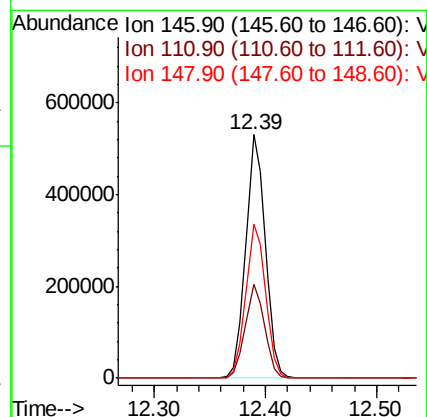
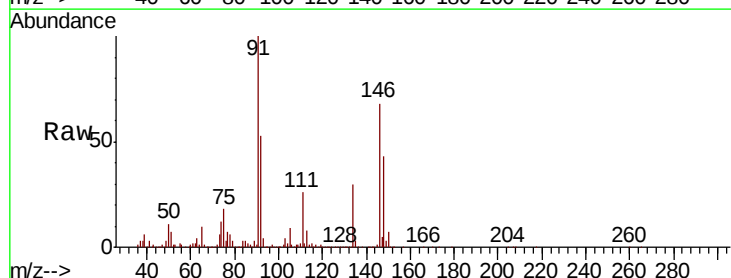
Tgt Ion:146 Resp: 648061

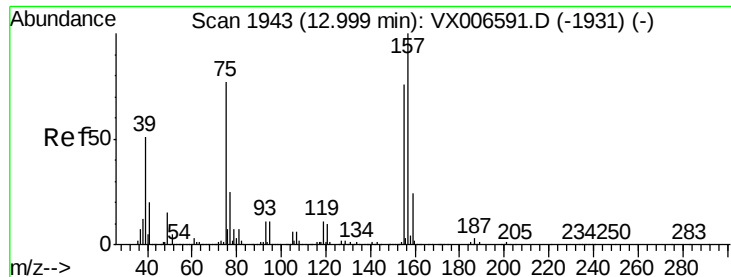
Ion Ratio Lower Upper

146 100

111 38.4 19.1 57.3

148 64.0 32.1 96.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.992 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

Instrument :

MSVOA_X

ClientSampleId :

SA.PZ135I-20181208MS

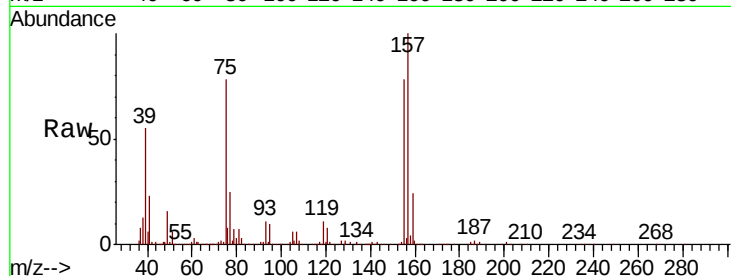
Tot Ion: 75 Resp: 83847

Ion Ratio Lower Upper

75 100

155 102.1 53.4 160.3

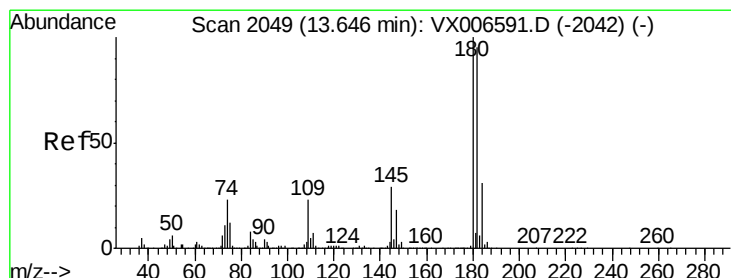
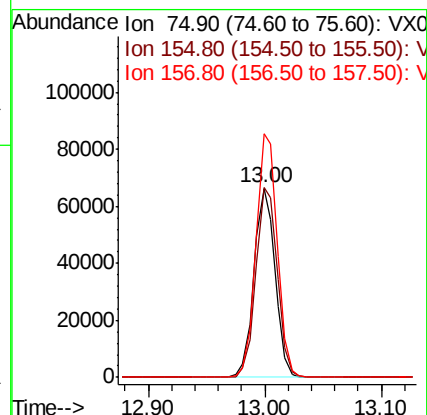
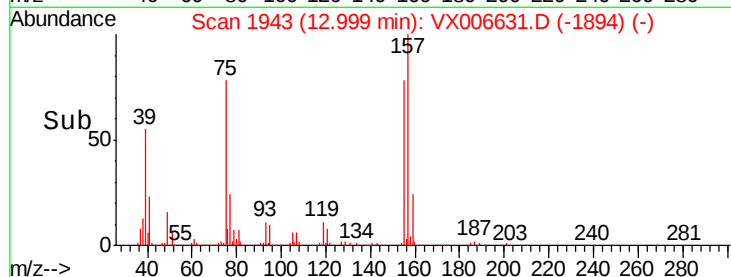
157 129.9 68.0 203.8



Abundance Ion 74.90 (74.60 to 75.60): VX006631.D (-1894) (-)

Ion 154.80 (154.50 to 155.50): VX006631.D (-1894) (-)

Ion 156.80 (156.50 to 157.50): VX006631.D (-1894) (-)



#93

1,2,4-Trichlorobenzene

Concen: 47.613 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

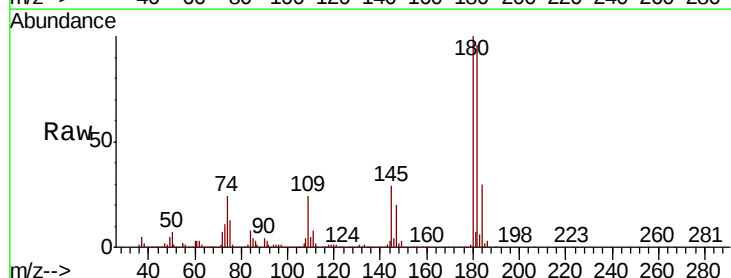
Tgt Ion: 180 Resp: 427750

Ion Ratio Lower Upper

180 100

182 95.8 47.3 141.9

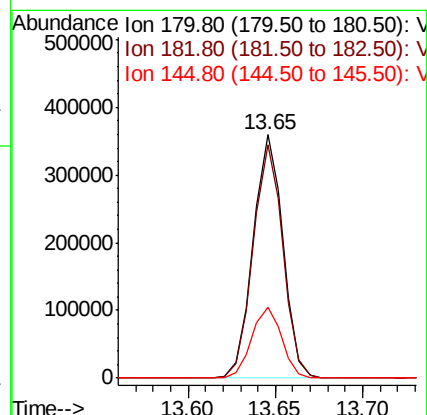
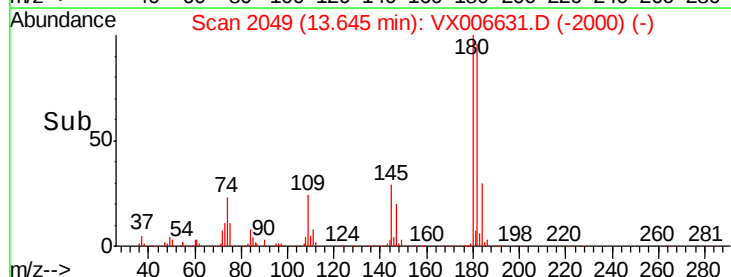
145 29.6 14.6 43.8

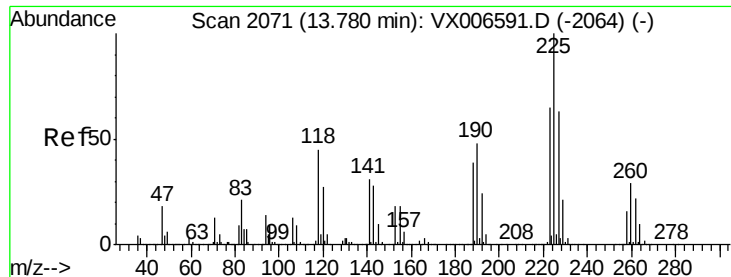


Abundance Ion 179.80 (179.50 to 180.50): VX006631.D (-2000) (-)

Ion 181.80 (181.50 to 182.50): VX006631.D (-2000) (-)

Ion 144.80 (144.50 to 145.50): VX006631.D (-2000) (-)





#94

Hexachlorobutadiene

Concen: 42.252 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

Instrument :

MSVOA_X

ClientSampleId :

SA.PZ135I-20181208MS

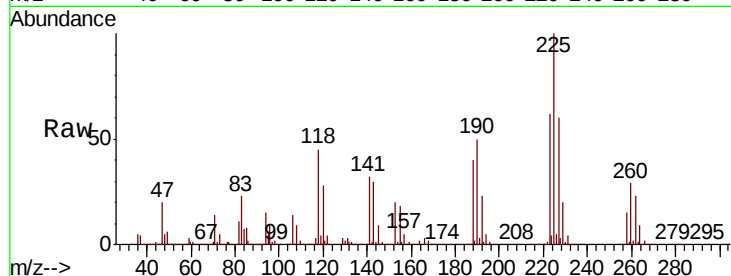
Tot Ion:225 Resp: 178917

Ion Ratio Lower Upper

225 100

223 62.8 31.2 93.6

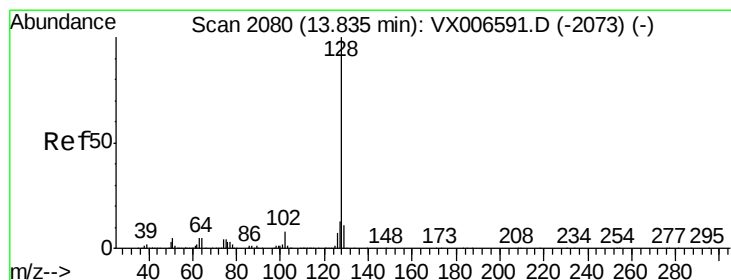
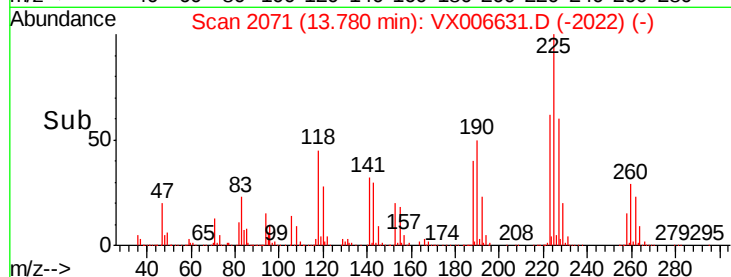
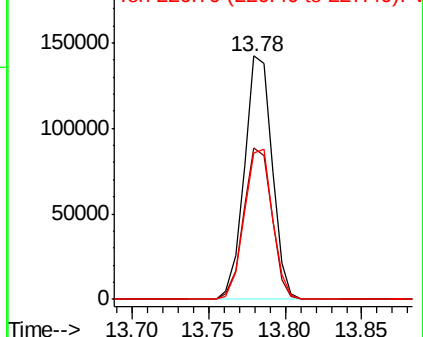
227 62.7 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 51.279 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006631.D

Acq: 19 Dec 2018 06:58

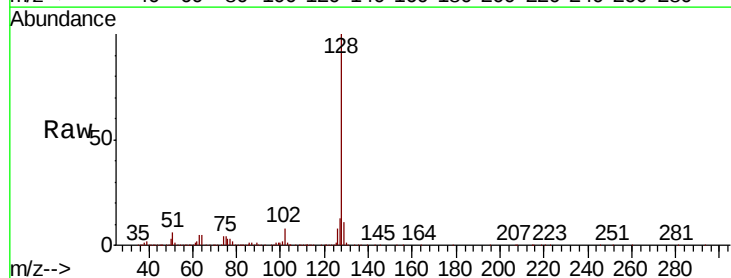
Tgt Ion:128 Resp: 1470351

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

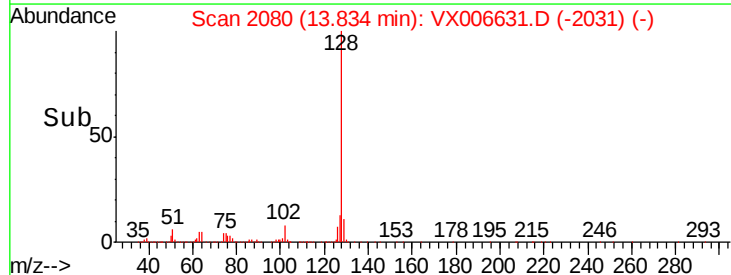
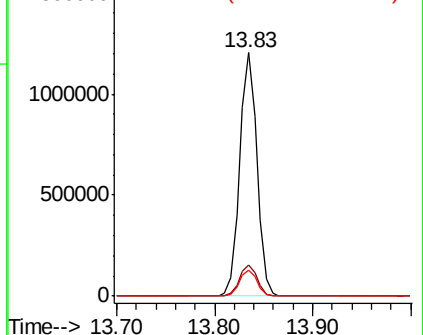
129 11.0 8.9 13.3

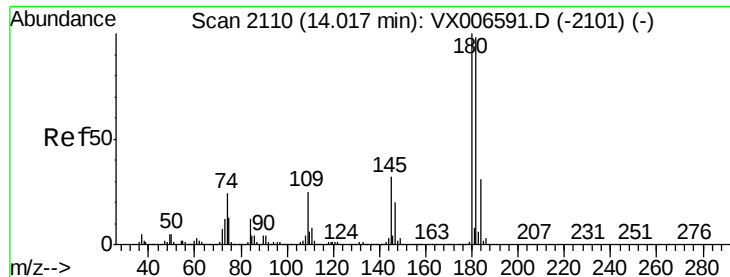


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

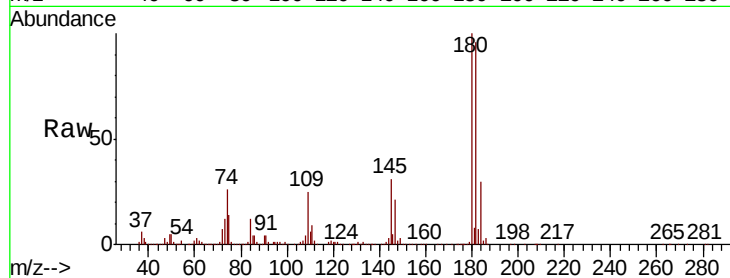




#96
 1,2,3-Trichlorobenzene
 Concen: 47.969 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX006631.D
 Acq: 19 Dec 2018 06:58

Instrument :
 MSVOA_X
 ClientSampleId :
 SA.PZ135I-20181208MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.4	145.2
145	31.2	15.6	46.8



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

