

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011019\
 Data File : VX007002.D
 Acq On : 10 Jan 2019 20:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 11 07:16:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	529953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	787047	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	715032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	365186	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	272342	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
35) Dibromofluoromethane	5.50	113	246499	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
50) Toluene-d8	8.71	98	914417	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.13	95	320398	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	233958	53.759	ug/l	95
3) Chloromethane	1.32	50	250060	49.358	ug/l	99
4) Vinyl Chloride	1.41	62	270105	49.563	ug/l	98
5) Bromomethane	1.64	94	259399	44.551	ug/l	99
6) Chloroethane	1.71	64	176365	46.347	ug/l	98
7) Trichlorofluoromethane	1.92	101	424653	48.225	ug/l	100
8) Diethyl Ether	2.19	74	165839	47.339	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	247818	47.008	ug/l	100
10) Methyl Iodide	2.51	142	390626	54.931	ug/l	99
11) Tert butyl alcohol	3.09	59	318625	243.879	ug/l	98
12) 1,1-Dichloroethene	2.37	96	233796	48.001	ug/l	98
13) Acrolein	2.30	56	112635	200.515	ug/l	97
14) Allyl chloride	2.73	41	403127	48.293	ug/l	98
15) Acrylonitrile	3.15	53	747065	249.086	ug/l	99
16) Acetone	2.45	43	635699	232.173	ug/l	99
17) Carbon Disulfide	2.57	76	558985	44.576	ug/l	99
18) Methyl Acetate	2.78	43	414256	52.244	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	830000	49.096	ug/l	99
20) Methylene Chloride	2.85	84	269251	51.721	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	252693	46.555	ug/l	98
22) Diisopropyl ether	3.87	45	762824	48.609	ug/l	94
23) Vinyl Acetate	3.82	43	3217518	243.120	ug/l	100
24) 1,1-Dichloroethane	3.70	63	425263	48.463	ug/l	100
25) 2-Butanone	4.70	43	960599	245.192	ug/l	98
26) 2,2-Dichloropropane	4.58	77	288522	42.759	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	285492	47.685	ug/l	99
28) Bromochloromethane	5.02	49	193891	50.432	ug/l	97
29) Tetrahydrofuran	5.15	42	632063	248.253	ug/l	98
30) Chloroform	5.21	83	452610	49.264	ug/l	97
31) Cyclohexane	5.57	56	379258	48.560	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	382270	49.089	ug/l	98
36) 1,1-Dichloropropene	5.80	75	328068	47.944	ug/l	98
37) Ethyl Acetate	4.85	43	362814	49.456	ug/l	98
38) Carbon Tetrachloride	5.78	117	327291	47.540	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	411610	47.184	ug/l	98
40) Benzene	6.14	78	1012370	48.487	ug/l	99
41) Methacrylonitrile	5.06	41	201979	47.793	ug/l	99
42) 1,2-Dichloroethane	6.20	62	341198	47.290	ug/l	100
43) Isopropyl Acetate	6.46	43	577074	49.870	ug/l	98
44) Trichloroethene	7.21	130	297303	47.518	ug/l	94
45) 1,2-Dichloropropane	7.51	63	256336	48.834	ug/l	97
46) Dibromomethane	7.66	93	184283	49.954	ug/l	99
47) Bromodichloromethane	7.90	83	316721	50.438	ug/l	95
48) Methyl methacrylate	7.77	41	300186	50.515	ug/l	98
49) 1,4-Dioxane	7.76	88	136651	1007.014	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1881397	252.992	ug/l	99
52) Toluene	8.79	92	651911	48.578	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	344252	49.440	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	389316	50.629	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	271703	50.583	ug/l	97
56) Ethyl methacrylate	9.18	69	400663	51.094	ug/l	96
57) 1,3-Dichloropropane	9.37	76	436018	49.548	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1019743	252.924	ug/l	99
59) 2-Hexanone	9.49	43	1419697	250.515	ug/l	99
60) Dibromochloromethane	9.59	129	277151	53.136	ug/l	98
61) 1,2-Dibromoethane	9.67	107	294569	49.814	ug/l	99
64) Tetrachloroethene	9.34	164	287739	46.480	ug/l	96
65) Chlorobenzene	10.14	112	754707	48.393	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	267976	51.080	ug/l	100
67) Ethyl Benzene	10.25	91	1240211	48.171	ug/l	98
68) m/p-Xylenes	10.36	106	985735	97.179	ug/l	100
69) o-Xylene	10.70	106	481027	48.626	ug/l	98
70) Styrene	10.71	104	775213	49.479	ug/l	99
71) Bromoform	10.86	173	199026	43.121	ug/l	100
73) Isopropylbenzene	11.02	105	1261694	48.997	ug/l	100
74) N-amyl acetate	10.90	43	514960	49.669	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	398566	48.754	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	445616	60.216	ug/l	91
77) Bromobenzene	11.26	156	337911	47.625	ug/l	99
78) n-propylbenzene	11.36	91	1411112	49.918	ug/l	99
79) 2-Chlorotoluene	11.42	91	821467	48.274	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1039756	48.323	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	105752	43.646	ug/l	98
82) 4-Chlorotoluene	11.51	91	944425	47.934	ug/l	100
83) tert-Butylbenzene	11.77	119	1058017	49.284	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1066148	49.275	ug/l	100
85) sec-Butylbenzene	11.94	105	1255140	48.956	ug/l	100
86) p-Isopropyltoluene	12.07	119	1132407	49.379	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	607428	47.364	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	602029	49.547	ug/l	100
89) n-Butylbenzene	12.39	91	961235	49.170	ug/l	99
90) Hexachloroethane	12.60	117	167994	46.126	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	603373	47.675	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	81831	50.613	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

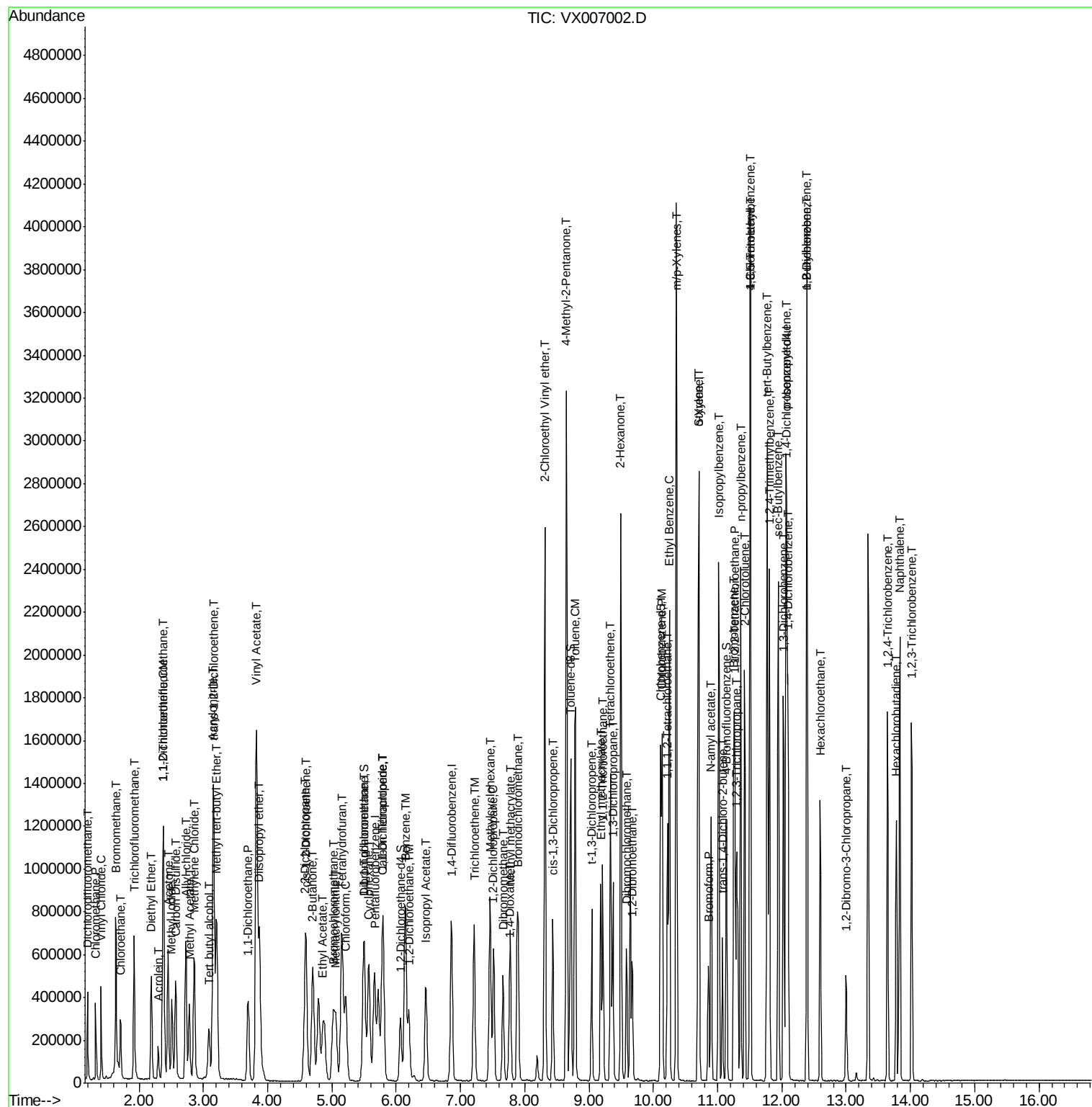
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	419622	48.327	ug/l	99
94) Hexachlorobutadiene	13.79	225	188669	48.964	ug/l	98
95) Naphthalene	13.83	128	1310146	49.794	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	417866	48.445	ug/l	98

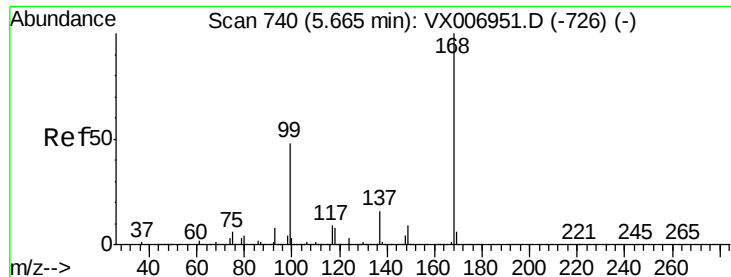
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\WX011019\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

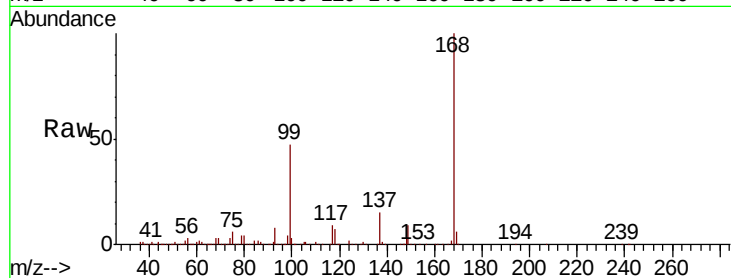
VSTDCCC050EC

Tgt Ion:168 Resp: 529953

Ion Ratio Lower Upper

168 100

99 47.2 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

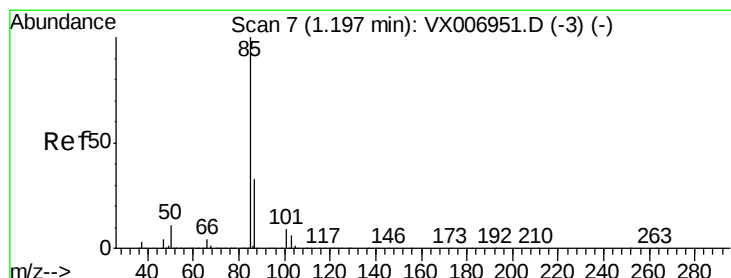
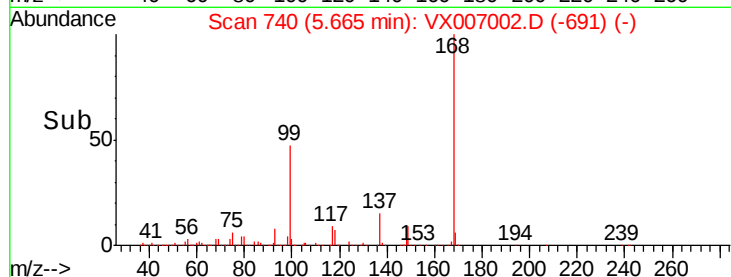
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 53.759 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX007002.D

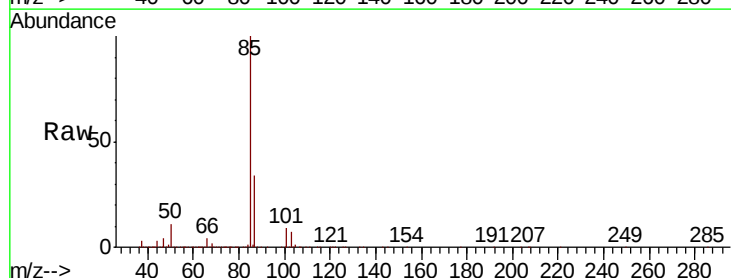
Acq: 10 Jan 2019 20:40

Tgt Ion: 85 Resp: 233958

Ion Ratio Lower Upper

85 100

87 34.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250000

200000

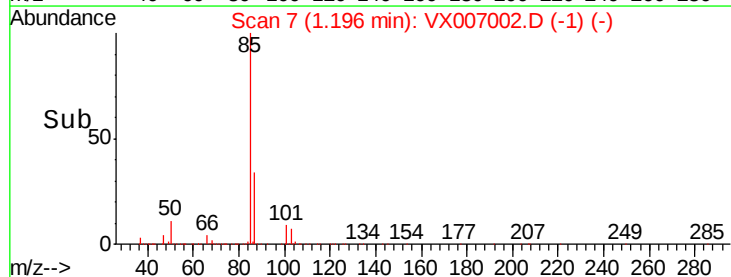
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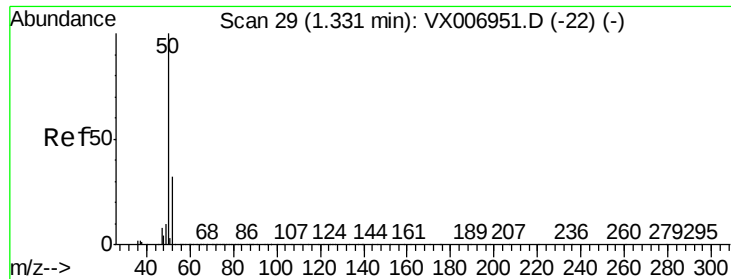
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Time-->

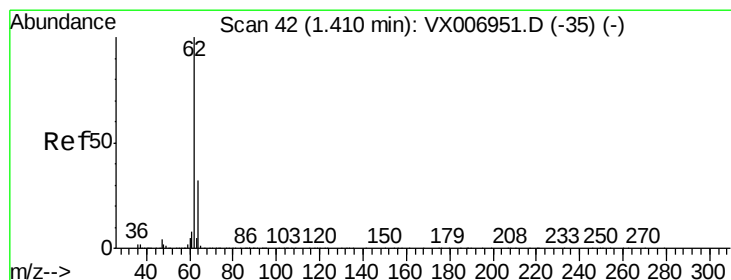
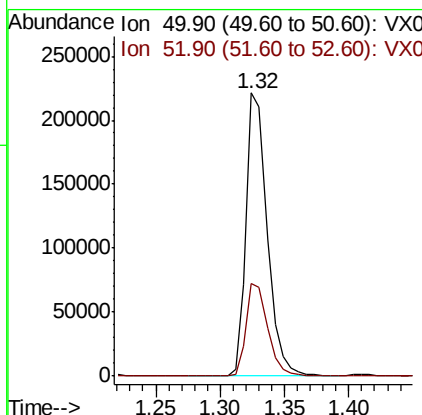
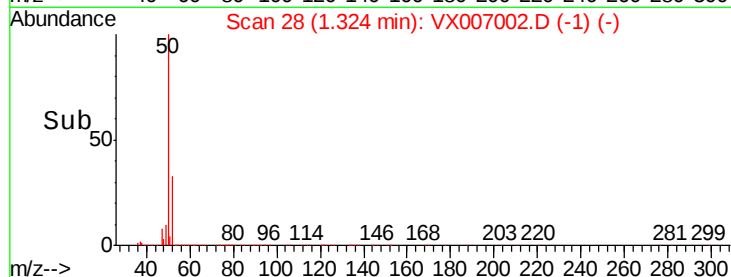
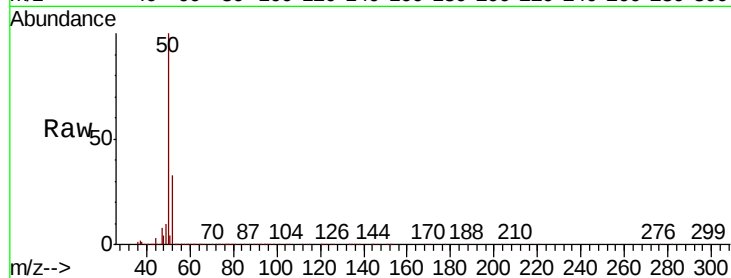




#3
Chloromethane
Concen: 49.358 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.01 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

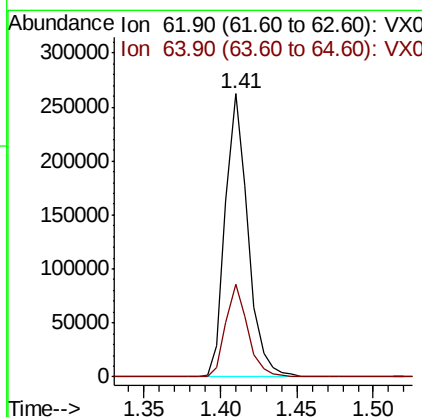
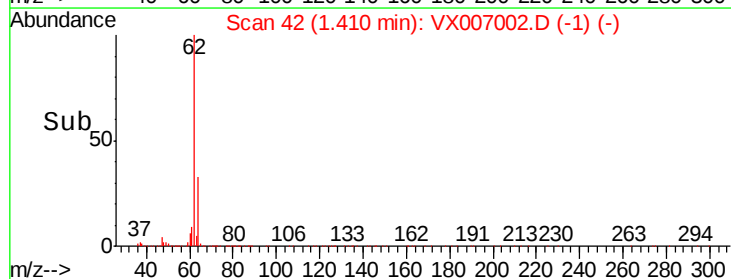
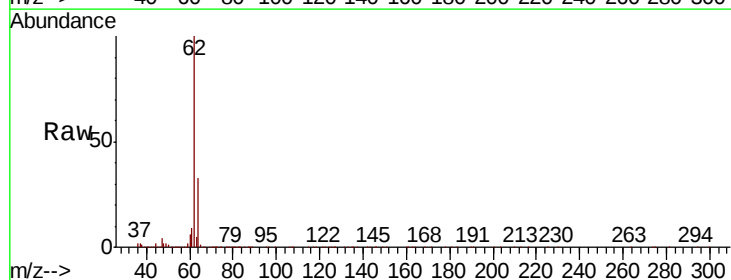
Instrument :
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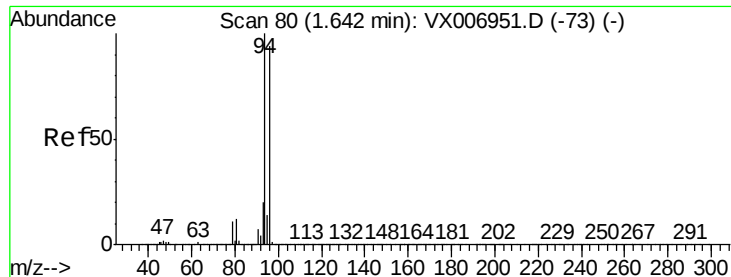
Tgt Ion: 50 Resp: 250060
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2



#4
Vinyl Chloride
Concen: 49.563 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

Tgt Ion: 62 Resp: 270105
Ion Ratio Lower Upper
62 100
64 32.7 25.1 37.7





#5

Bromomethane

Concen: 44.551 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

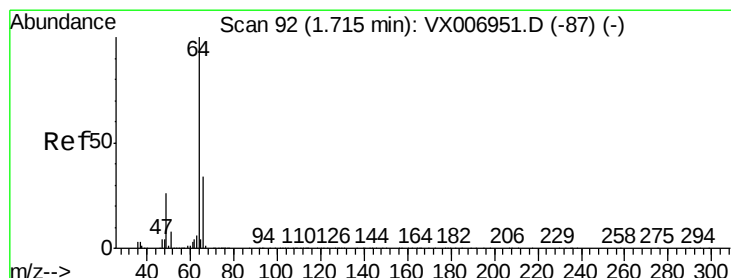
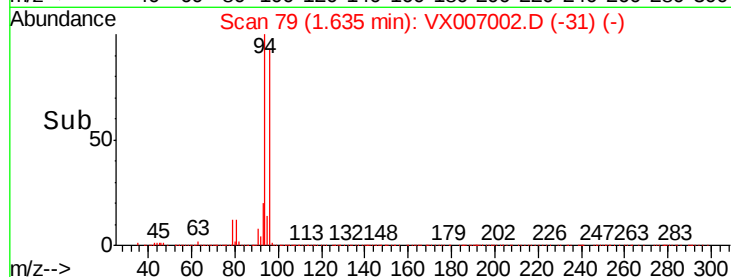
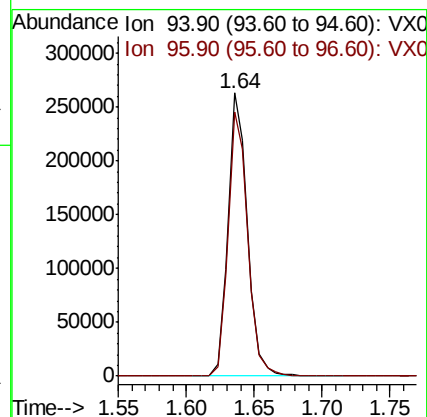
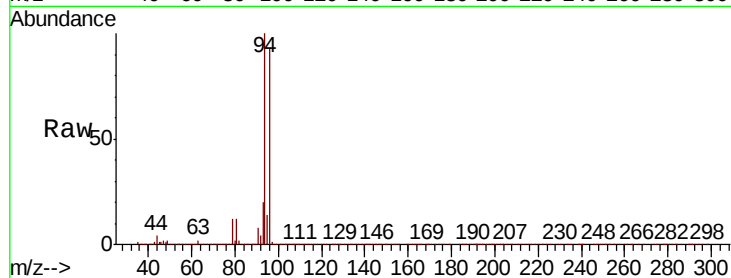
VSTDCCC050EC

Tgt Ion: 94 Resp: 259399

Ion Ratio Lower Upper

94 100

96 93.2 73.4 110.2



#6

Chloroethane

Concen: 46.347 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX007002.D

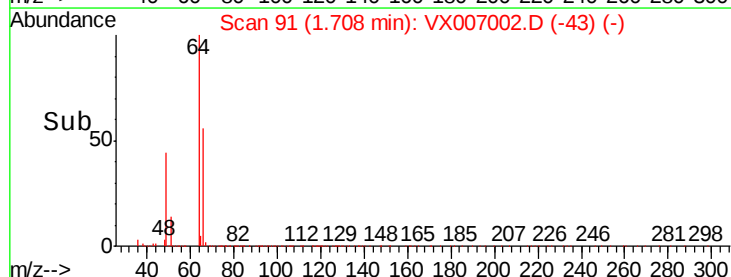
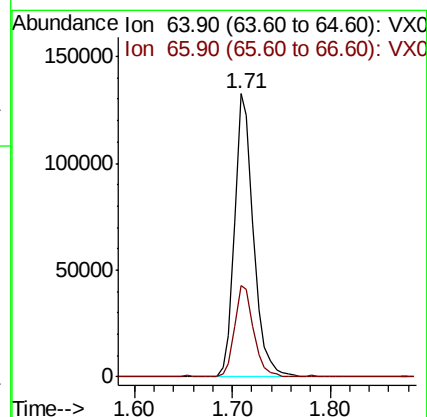
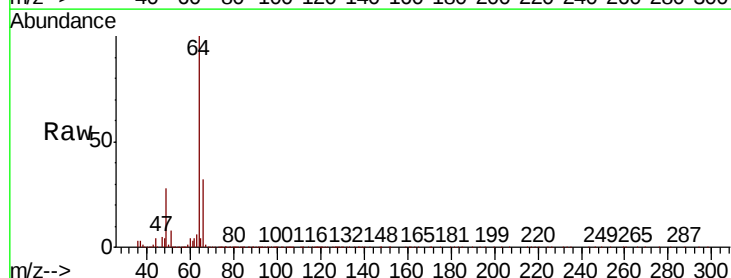
Acq: 10 Jan 2019 20:40

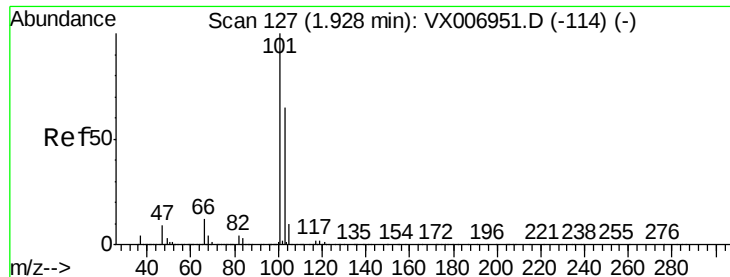
Tgt Ion: 64 Resp: 176365

Ion Ratio Lower Upper

64 100

66 32.1 26.4 39.6



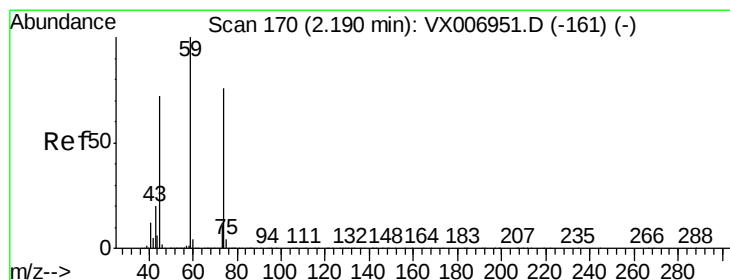
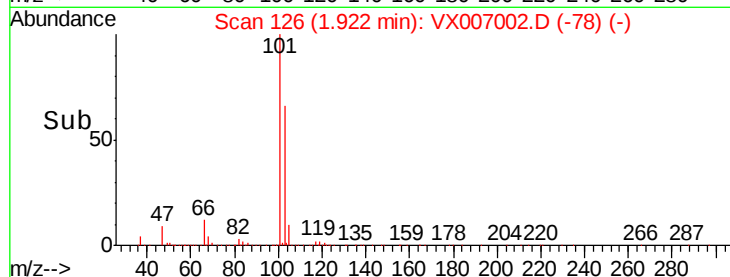
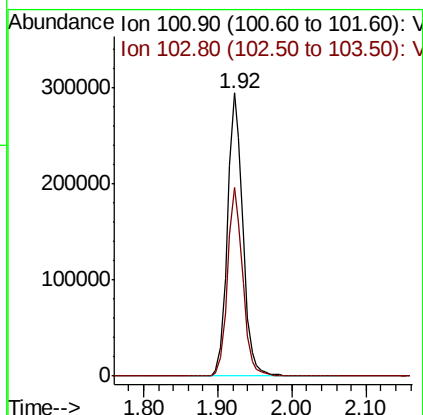
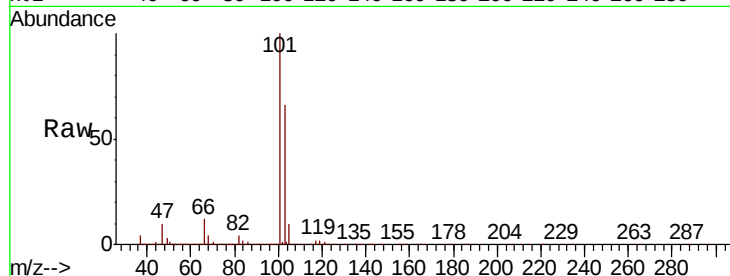


#7

Trichlorofluoromethane
 Concen: 48.225 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX007002.D
 Acq: 10 Jan 2019 20:40

Instrument :
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 VSTDCCC050EC

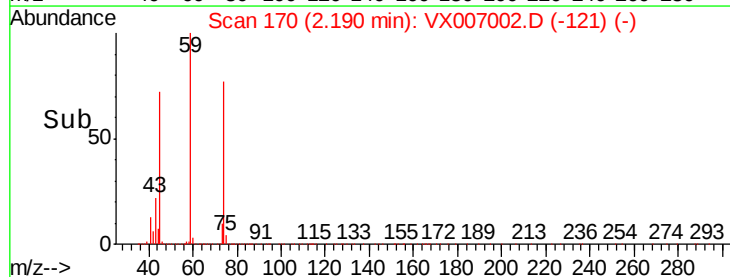
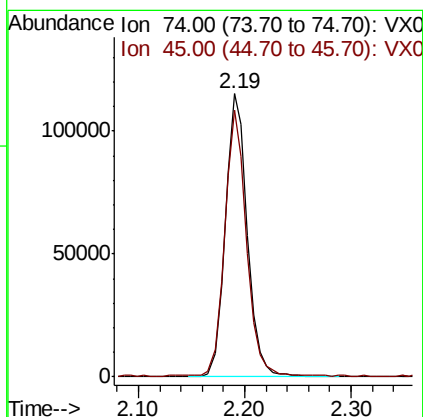
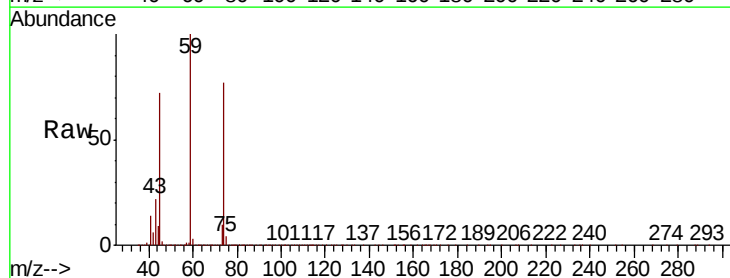
Tgt Ion:101 Resp: 424653
 Ion Ratio Lower Upper
 101 100
 103 66.4 53.2 79.8

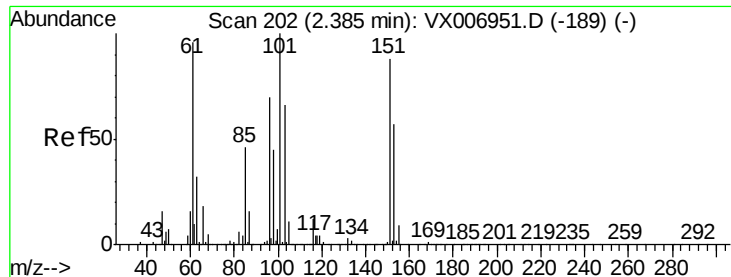


#8

Diethyl Ether
 Concen: 47.339 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX007002.D
 Acq: 10 Jan 2019 20:40

Tgt Ion: 74 Resp: 165839
 Ion Ratio Lower Upper
 74 100
 45 93.2 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.008 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

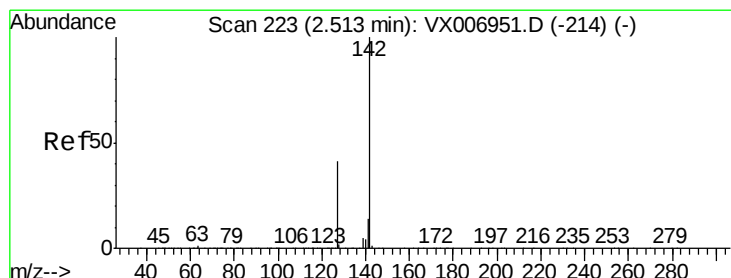
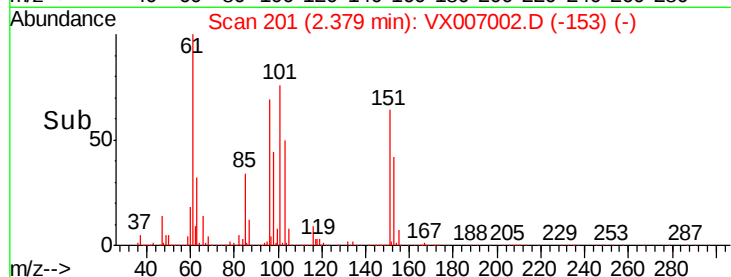
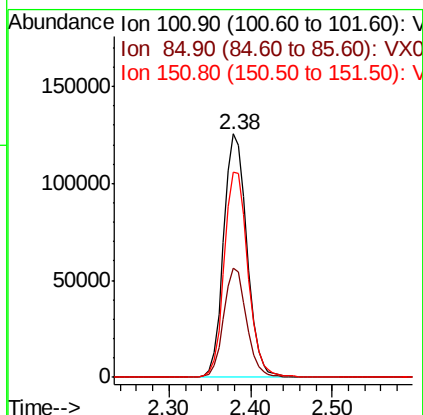
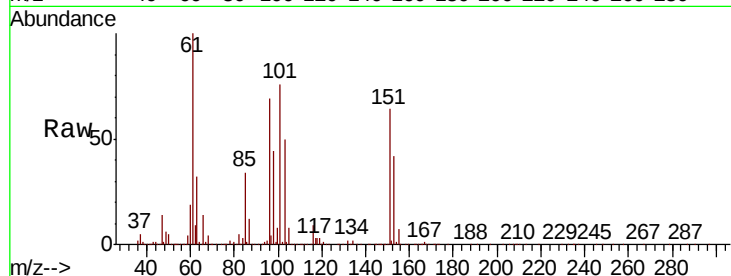
Tgt Ion:101 Resp: 247818

Ion Ratio Lower Upper

101 100

85 44.1 35.1 52.7

151 85.7 68.9 103.3



#10

Methyl Iodide

Concen: 54.931 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

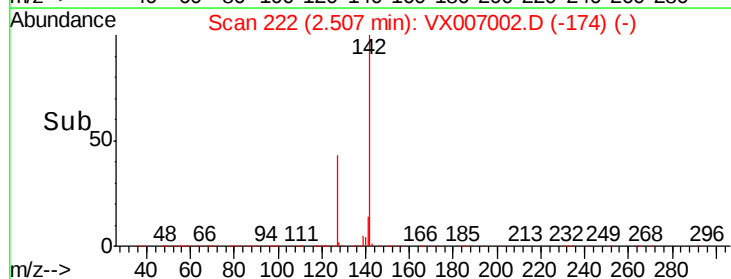
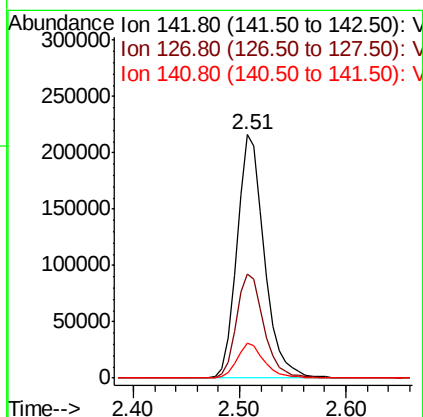
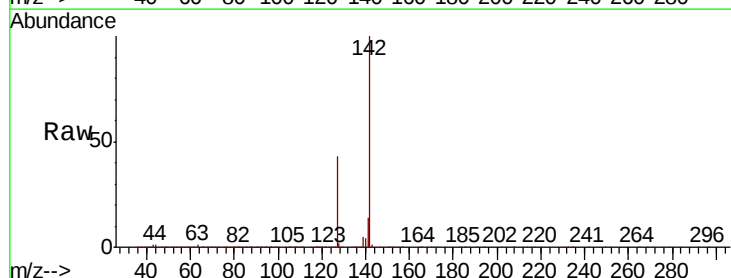
Tgt Ion:142 Resp: 390626

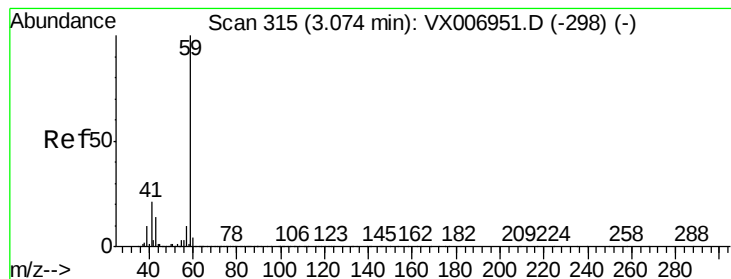
Ion Ratio Lower Upper

142 100

127 43.0 33.9 50.9

141 14.2 11.4 17.0



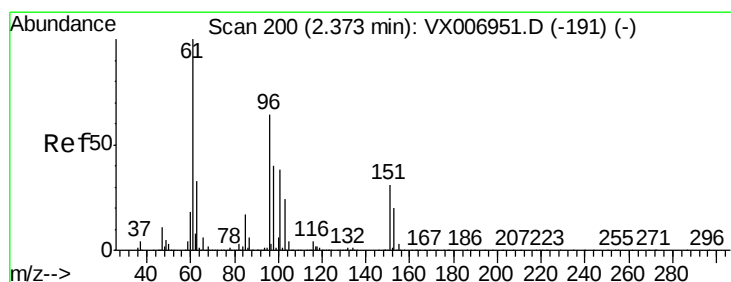
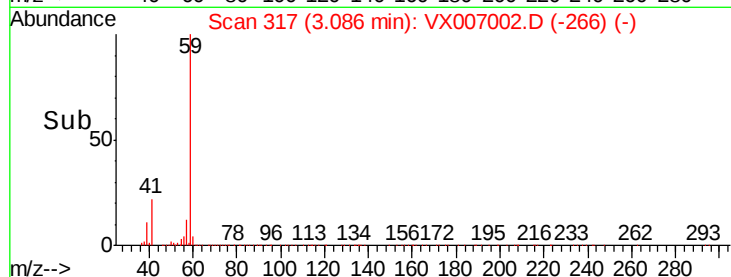
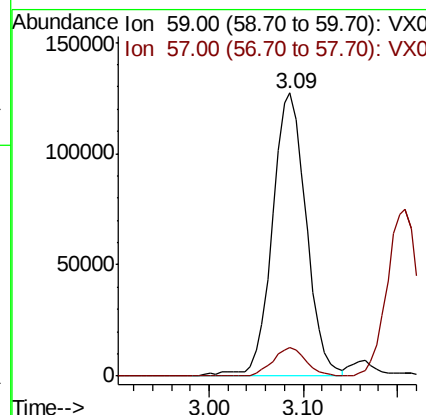
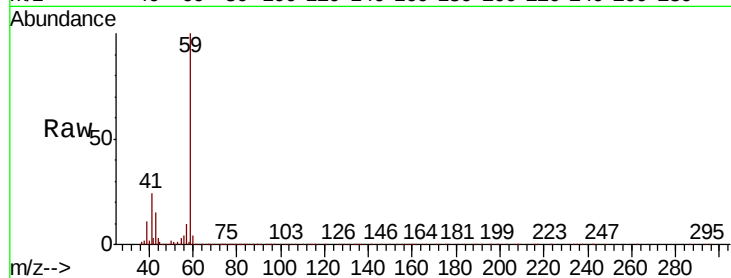


#11

Tert butyl alcohol
Concen: 243.879 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

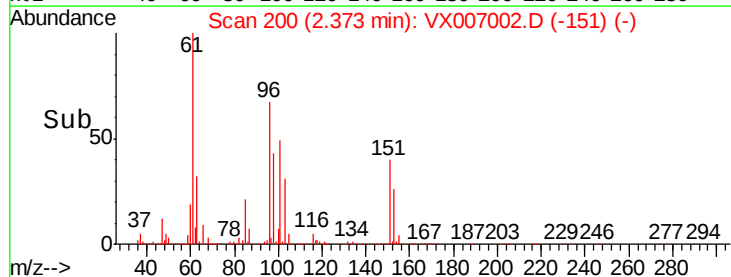
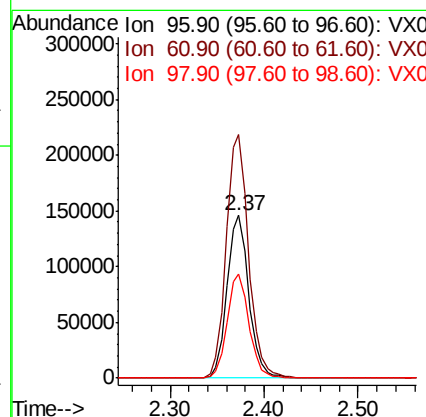
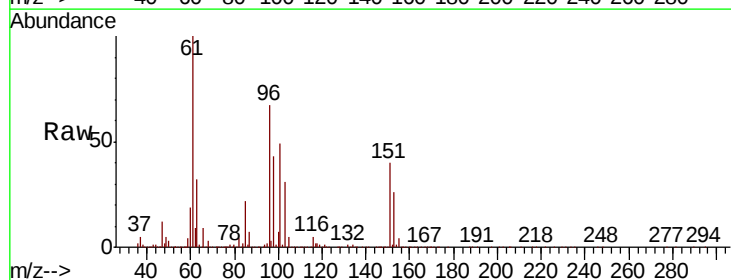
Tgt Ion: 59 Resp: 318625
Ion Ratio Lower Upper
59 100
57 9.9 8.5 12.7

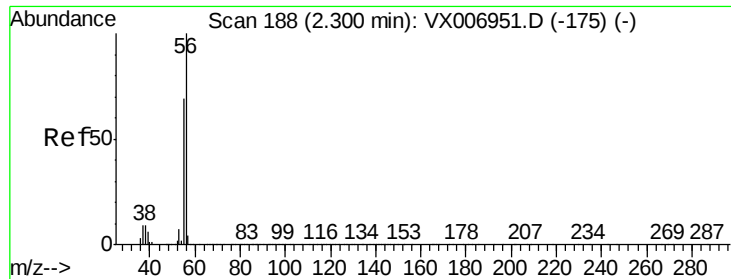


#12

1,1-Dichloroethene
Concen: 48.001 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

Tgt Ion: 96 Resp: 233796
Ion Ratio Lower Upper
96 100
61 149.8 121.4 182.2
98 63.8 51.9 77.9





#13

Acrolein

Concen: 200.515 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

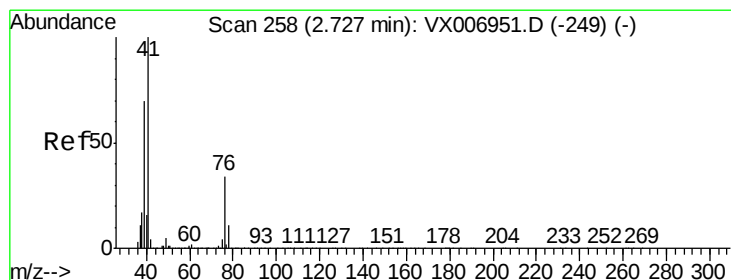
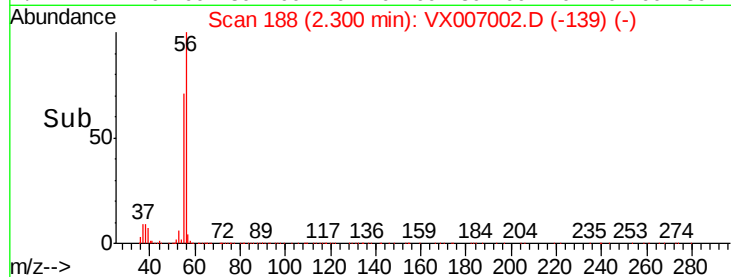
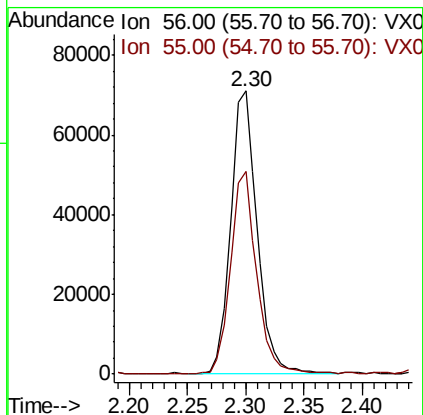
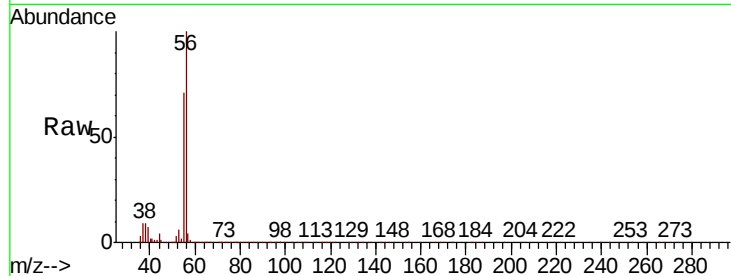
VSTDCCC050EC

Tgt Ion: 56 Resp: 112635

Ion Ratio Lower Upper

56 100

55 70.1 58.2 87.4



#14

Allyl chloride

Concen: 48.293 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

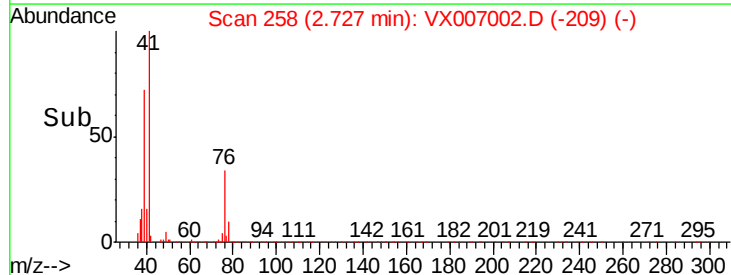
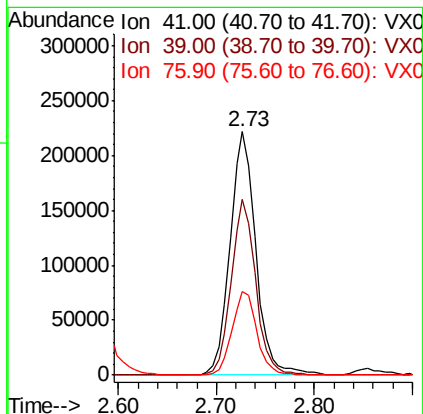
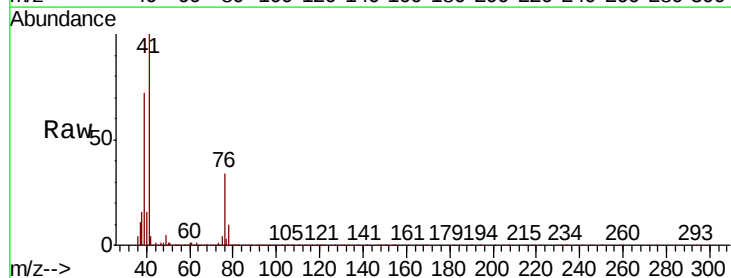
Tgt Ion: 41 Resp: 403127

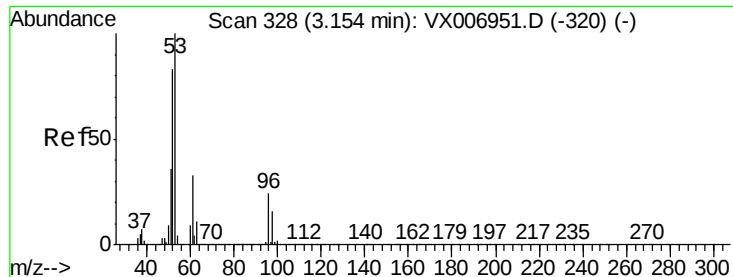
Ion Ratio Lower Upper

41 100

39 68.6 53.6 80.4

76 33.4 27.4 41.2





#15

Acrylonitrile

Concen: 249.086 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

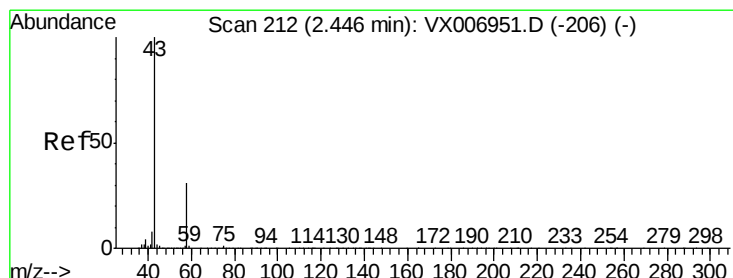
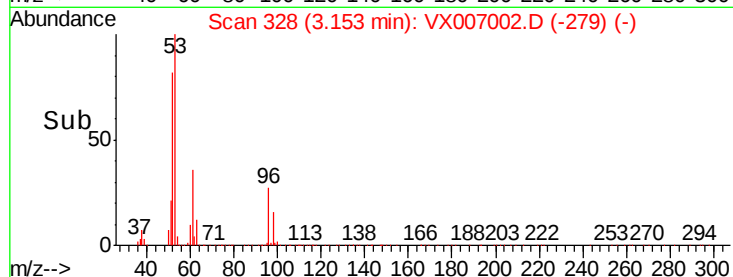
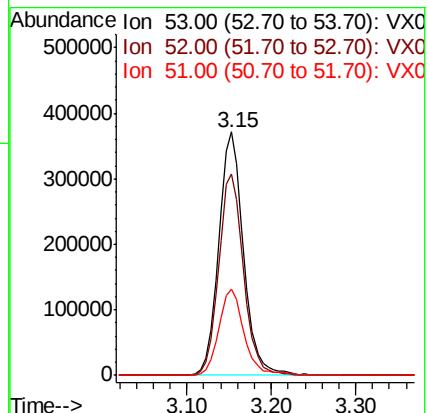
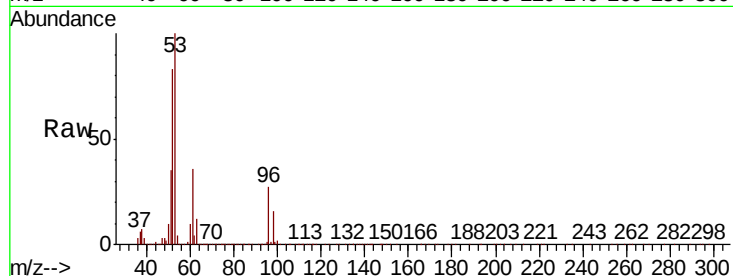
Tgt Ion: 53 Resp: 747065

Ion Ratio Lower Upper

53 100

52 83.7 66.0 99.0

51 35.9 28.6 42.8



#16

Acetone

Concen: 232.173 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007002.D

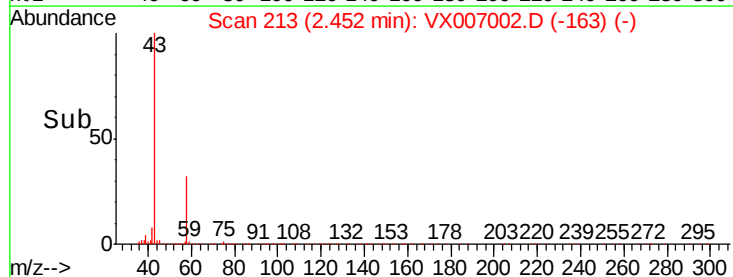
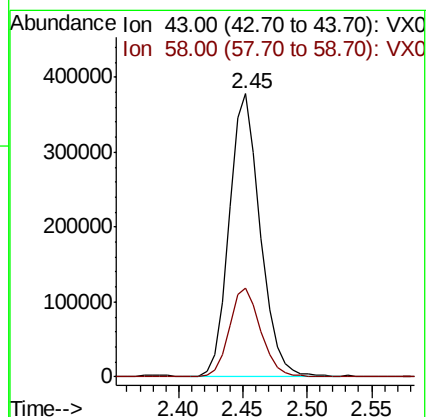
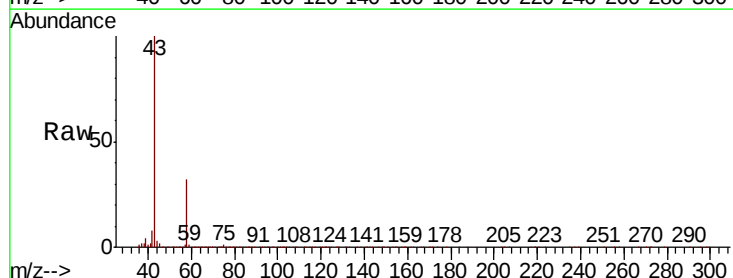
Acq: 10 Jan 2019 20:40

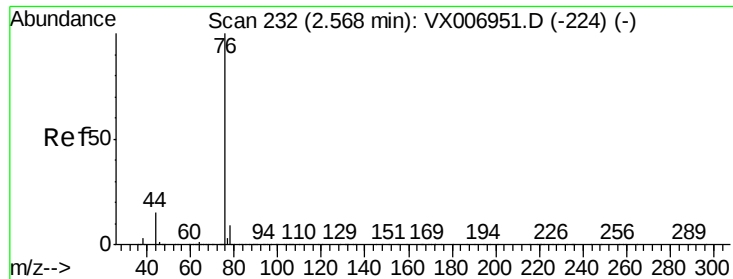
Tgt Ion: 43 Resp: 635699

Ion Ratio Lower Upper

43 100

58 31.6 25.0 37.6





#17

Carbon Disulfide

Concen: 44.576 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

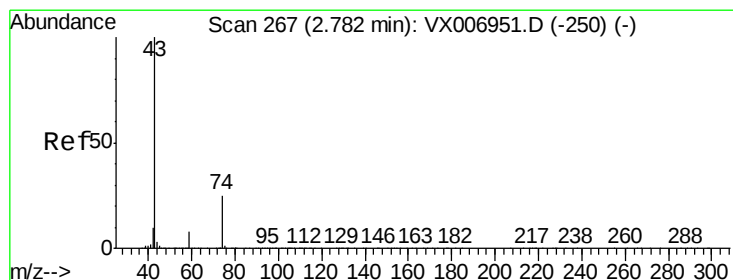
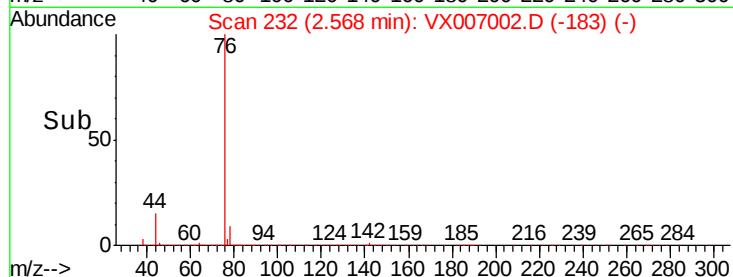
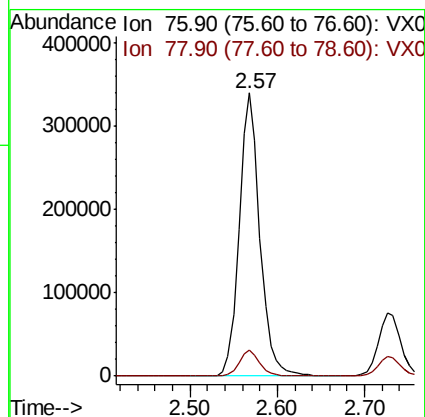
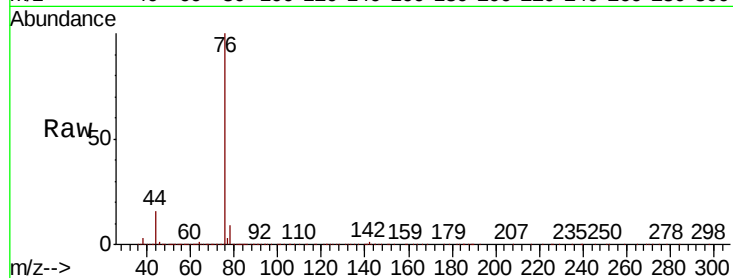
VSTDCCC050EC

Tgt Ion: 76 Resp: 558985

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6



#18

Methyl Acetate

Concen: 52.244 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007002.D

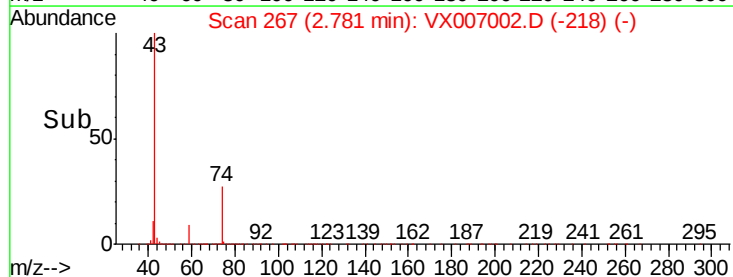
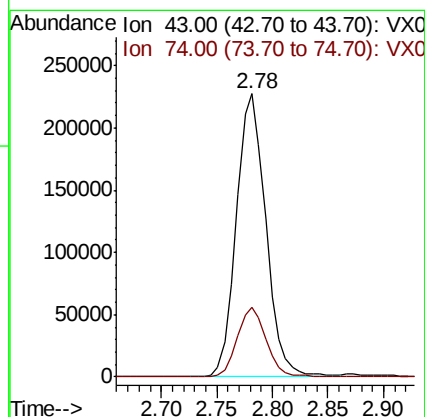
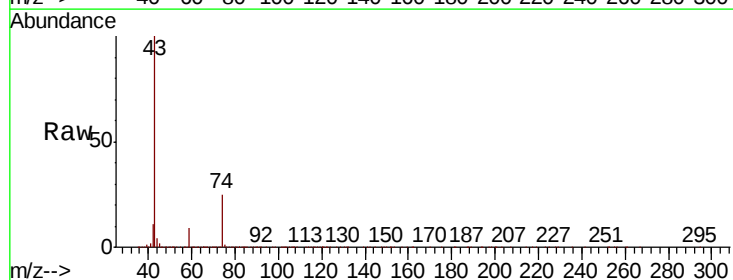
Acq: 10 Jan 2019 20:40

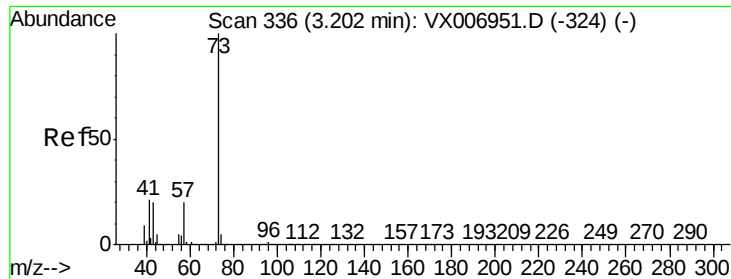
Tgt Ion: 43 Resp: 414256

Ion Ratio Lower Upper

43 100

74 23.7 18.6 28.0

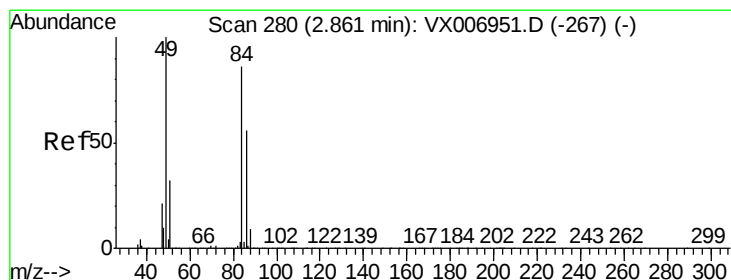
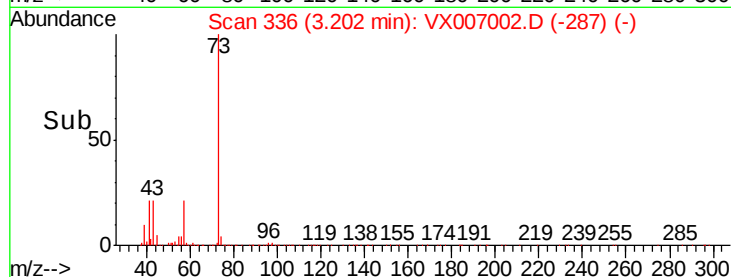
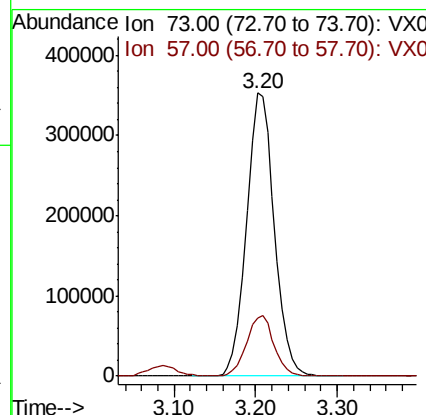
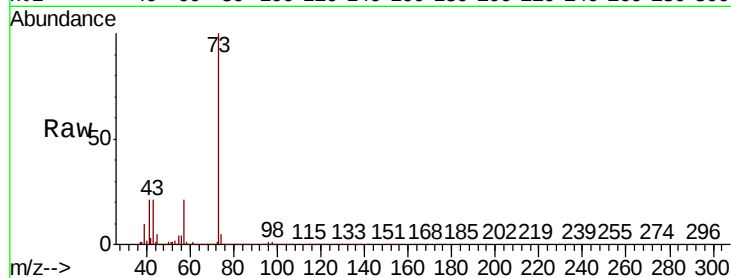




#19
Methyl tert-butyl Ether
Concen: 49.096 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

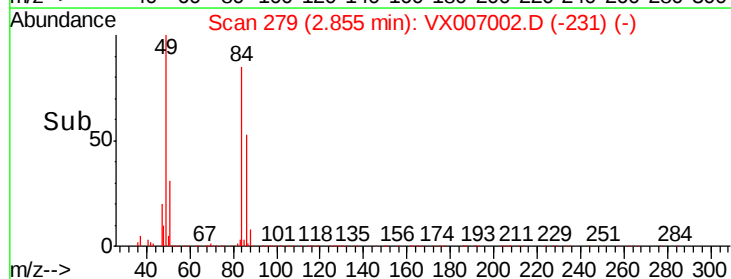
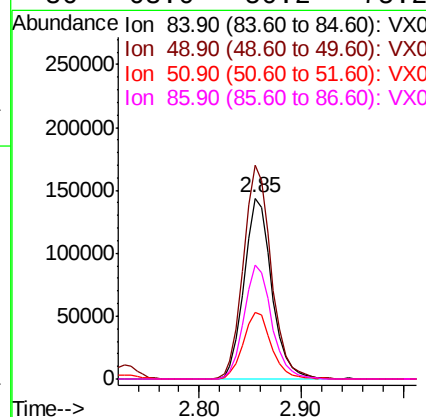
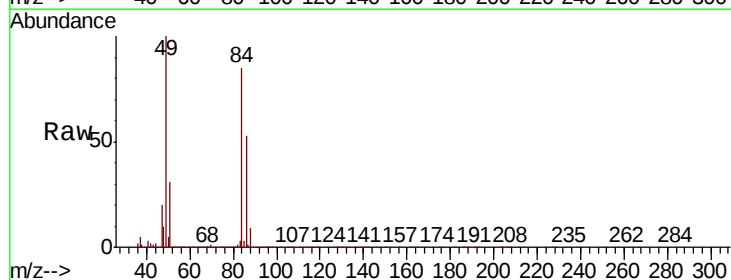
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

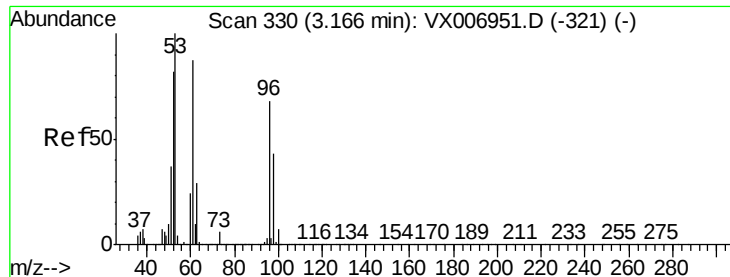
Tgt Ion: 73 Resp: 830000
Ion Ratio Lower Upper
73 100
57 20.6 16.8 25.2



#20
Methylene Chloride
Concen: 51.721 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

Tgt Ion: 84 Resp: 269251
Ion Ratio Lower Upper
84 100
49 118.1 91.8 137.6
51 36.6 28.5 42.7
86 63.0 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 46.555 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

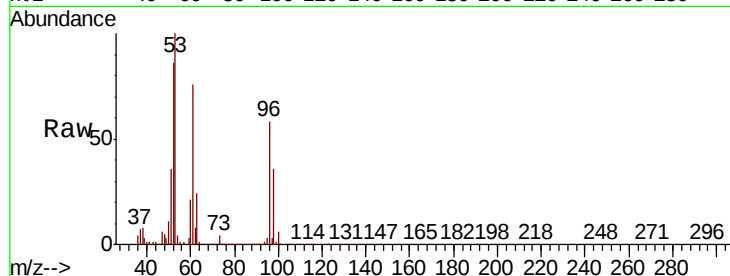
Tgt Ion: 96 Resp: 252693

Ion Ratio Lower Upper

96 100

61 132.6 103.7 155.5

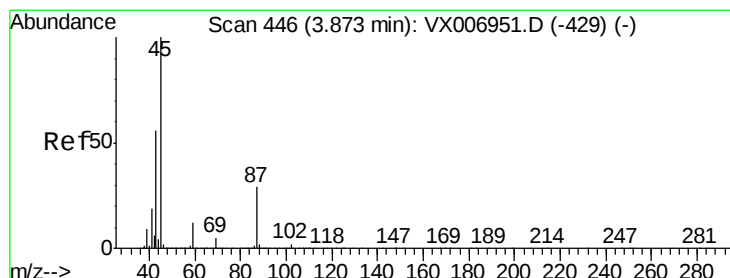
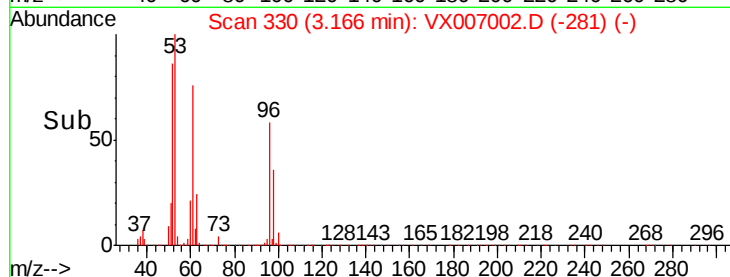
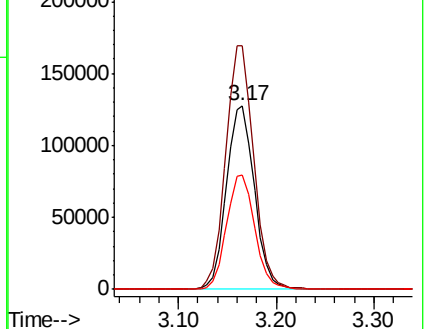
98 62.6 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.609 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

Tgt Ion: 45 Resp: 762824

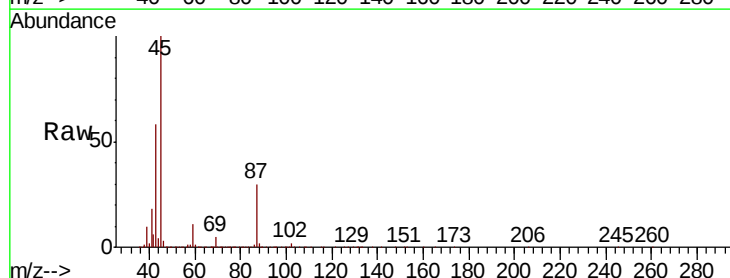
Ion Ratio Lower Upper

45 100

43 57.9 51.2 76.8

87 30.4 25.8 38.6

59 11.4 9.0 13.4

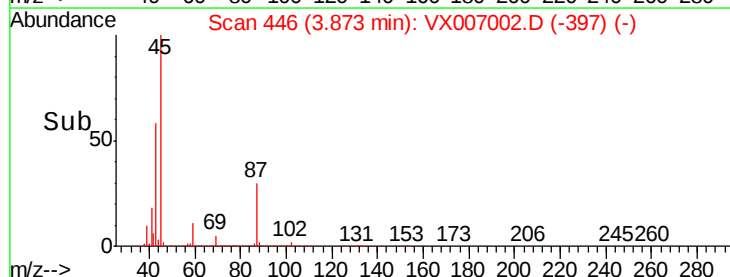
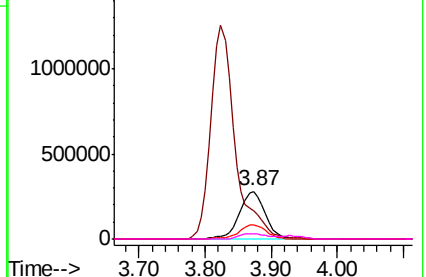


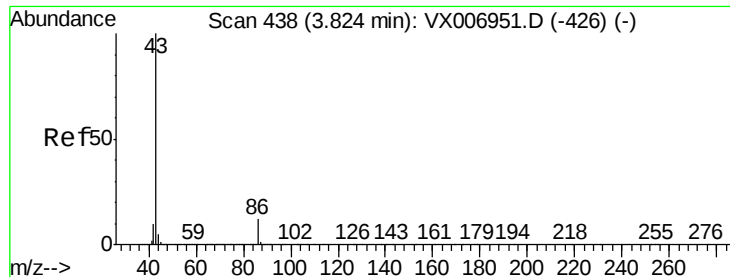
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 243.120 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

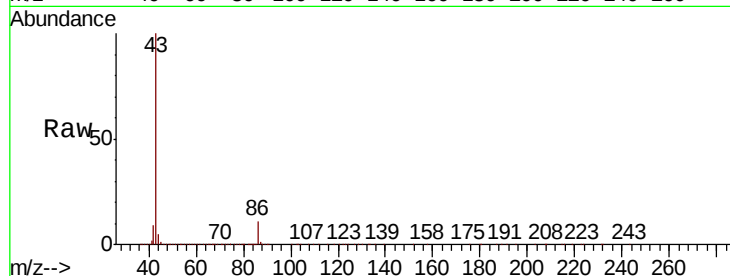
VSTDCCC050EC

Tgt Ion: 43 Resp: 3217518

Ion Ratio Lower Upper

43 100

86 11.4 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

1500000

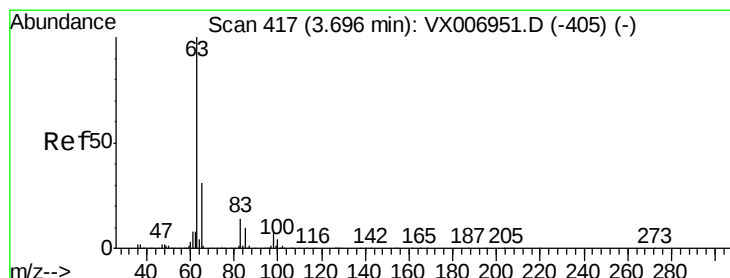
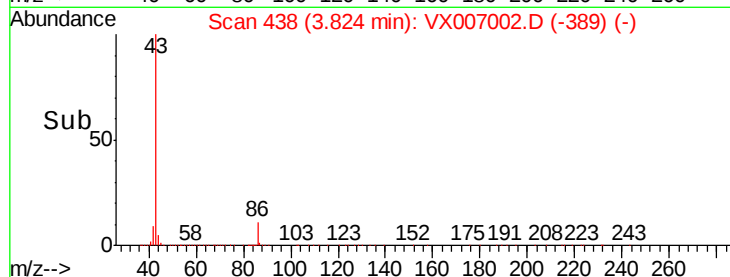
1000000

500000

0

3.70 3.80 3.90 4.00 4.10

Time-->



#24

1,1-Dichloroethane

Concen: 48.463 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

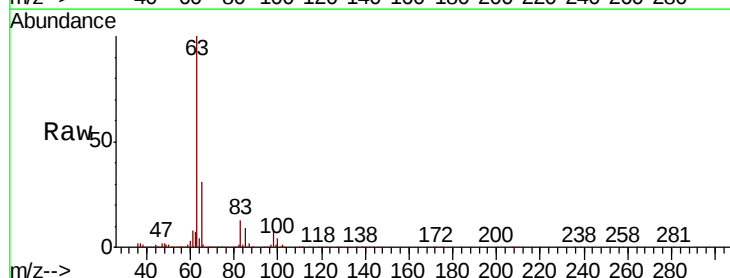
Tgt Ion: 63 Resp: 425263

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

100 4.4 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

250000

200000

150000

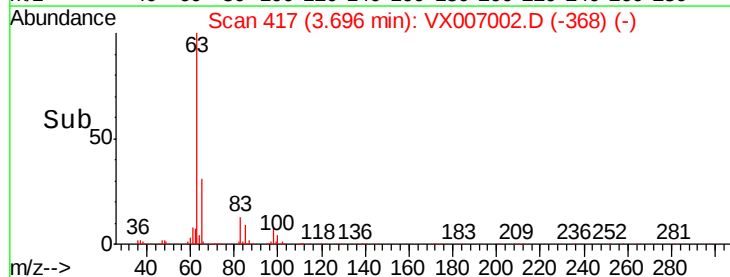
100000

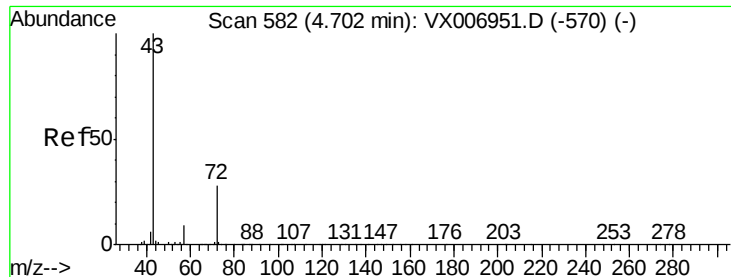
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 245.192 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

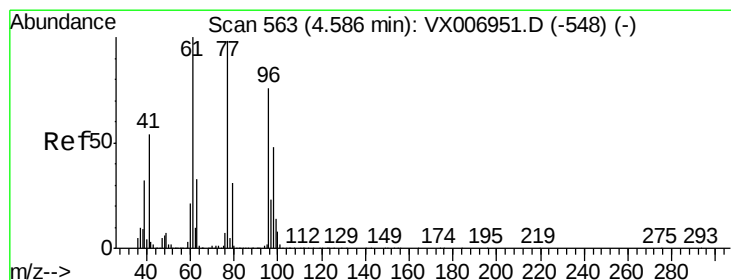
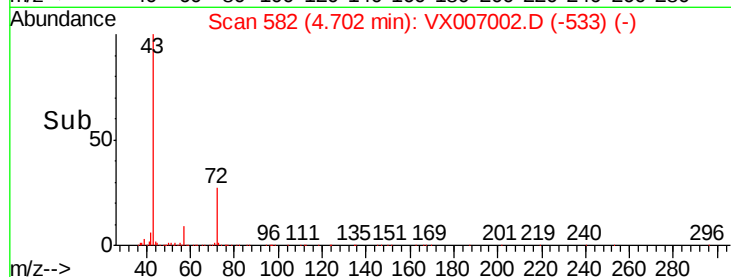
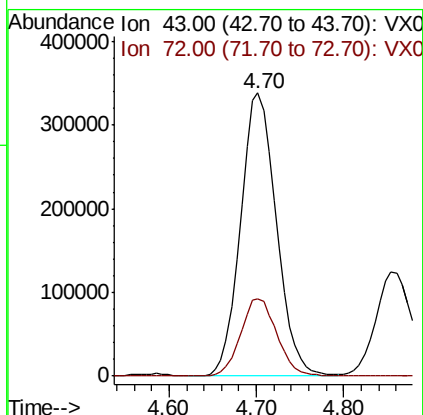
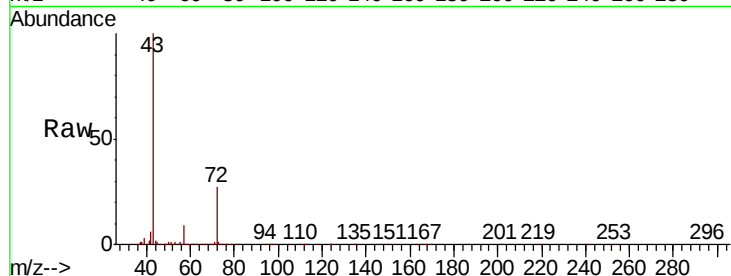
VSTDCCC050EC

Tgt Ion: 43 Resp: 960599

Ion Ratio Lower Upper

43 100

72 27.1 22.4 33.6



#26

2,2-Dichloropropane

Concen: 42.759 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007002.D

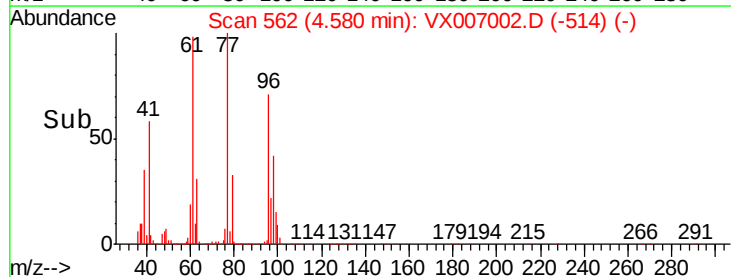
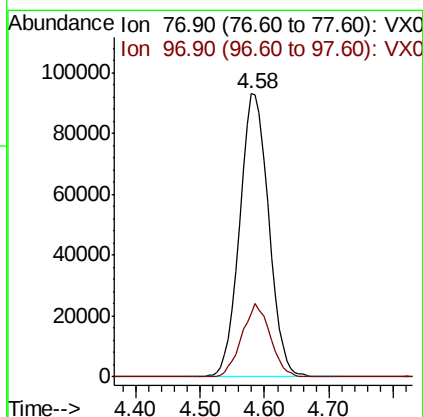
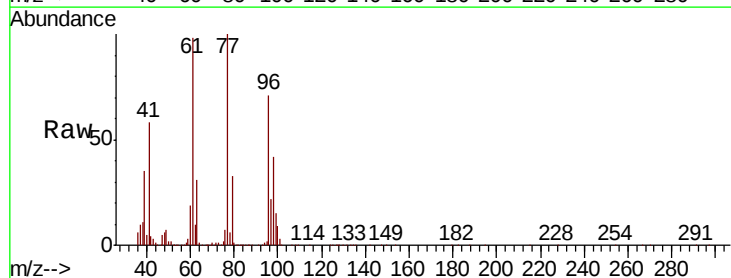
Acq: 10 Jan 2019 20:40

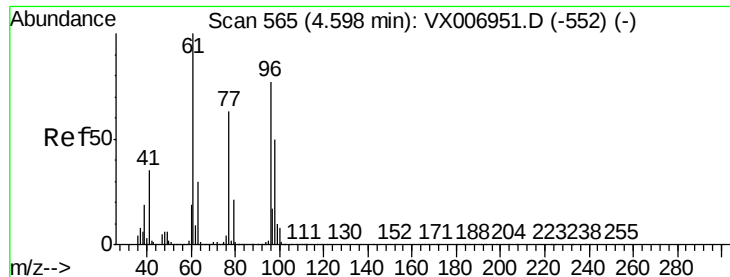
Tgt Ion: 77 Resp: 288522

Ion Ratio Lower Upper

77 100

97 25.4 12.4 37.4



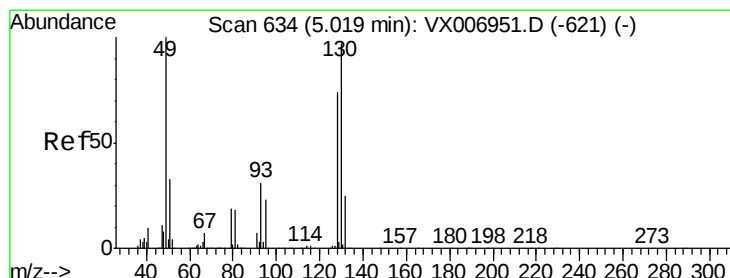
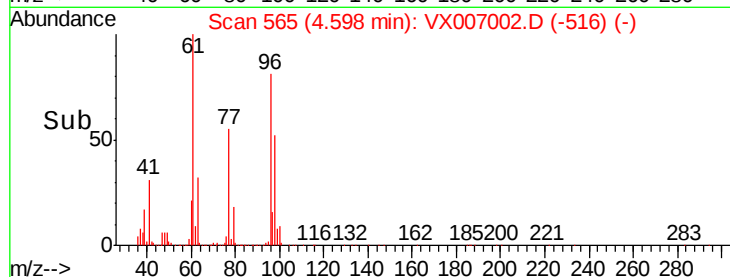
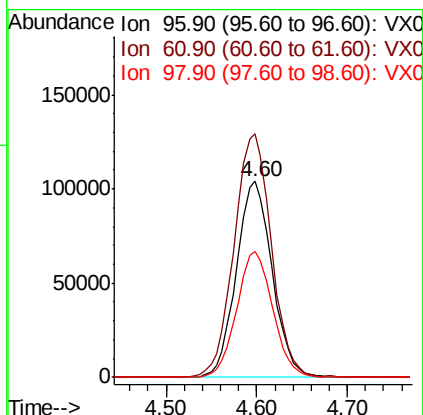
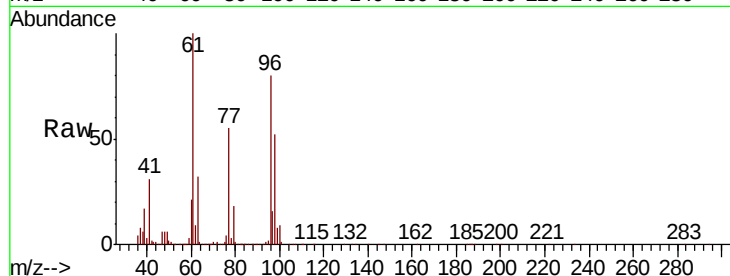


#27

cis-1,2-Dichloroethene
Concen: 47.685 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

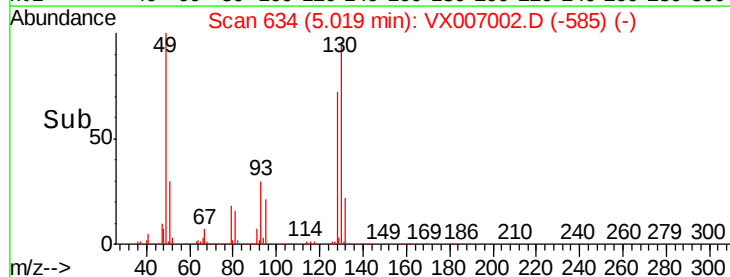
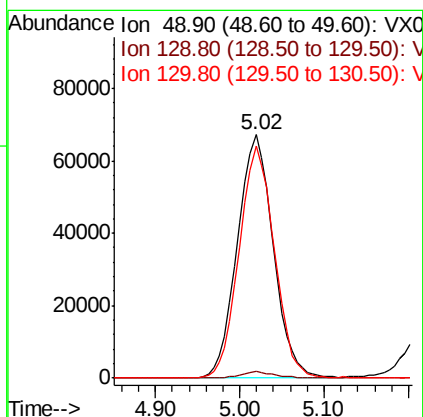
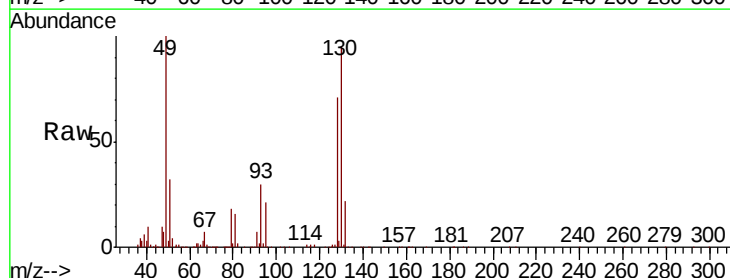
Tgt Ion: 96 Resp: 285492
Ion Ratio Lower Upper
96 100
61 129.4 0.0 258.6
98 64.7 0.0 132.0

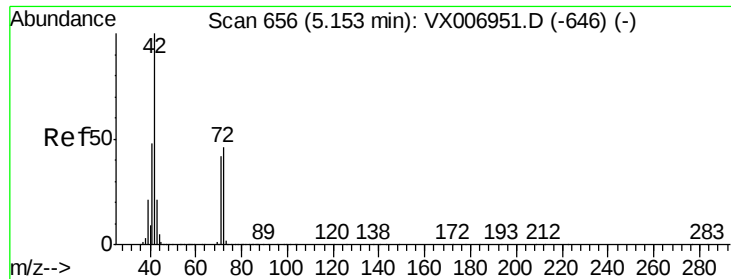


#28

Bromochloromethane
Concen: 50.432 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

Tgt Ion: 49 Resp: 193891
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.4
130 93.7 77.7 116.5

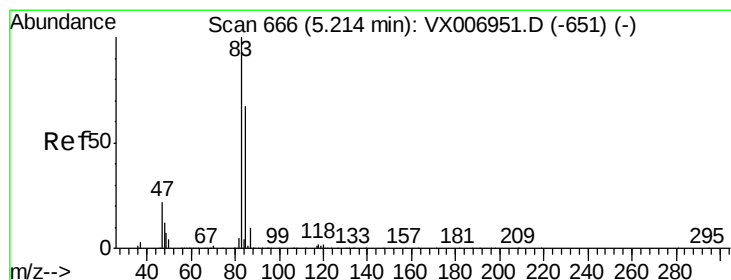
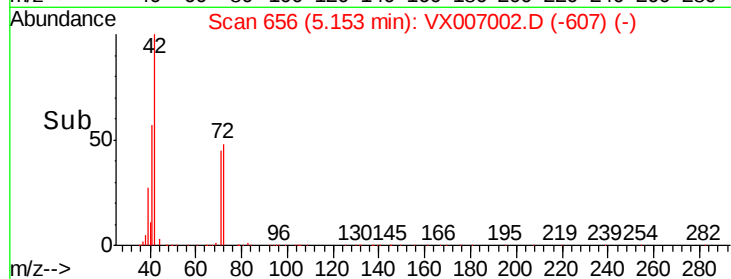
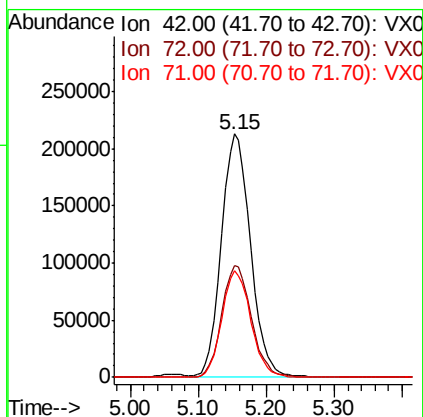
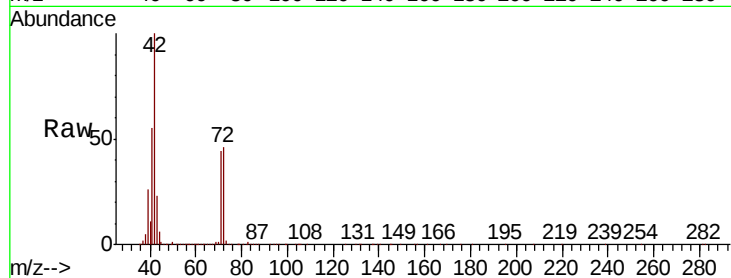




#29
Tetrahydrofuran
Concen: 248.253 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

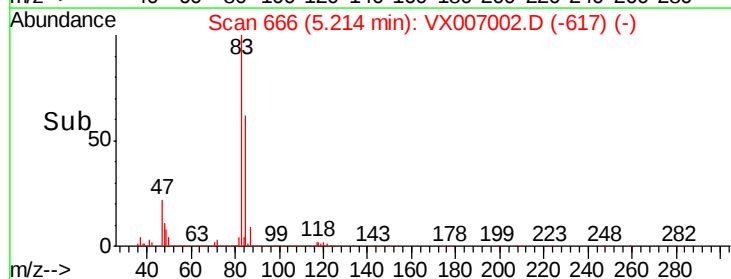
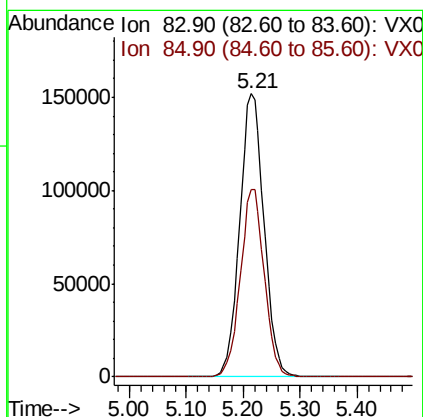
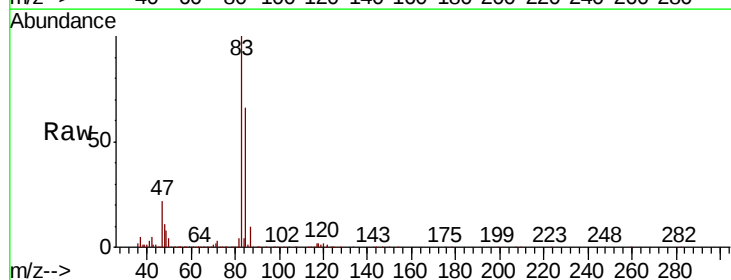
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

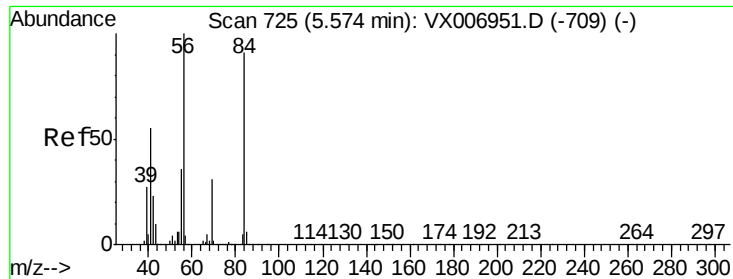
Tgt Ion: 42 Resp: 632063
Ion Ratio Lower Upper
42 100
72 47.1 38.9 58.3
71 43.5 36.2 54.4



#30
Chloroform
Concen: 49.264 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

Tgt Ion: 83 Resp: 452610
Ion Ratio Lower Upper
83 100
85 66.0 51.2 76.8

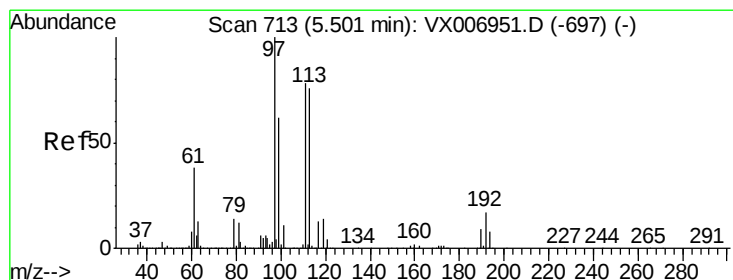
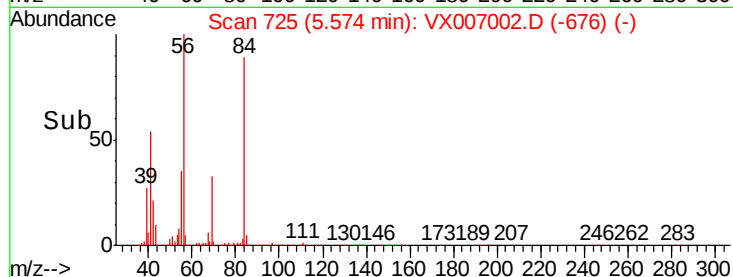
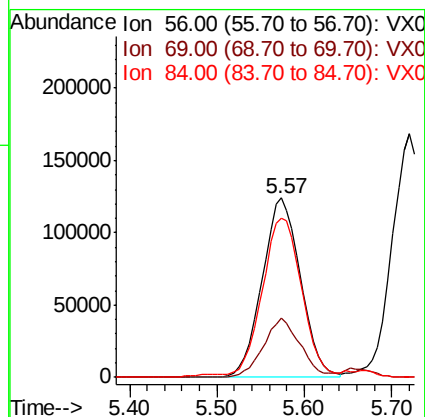
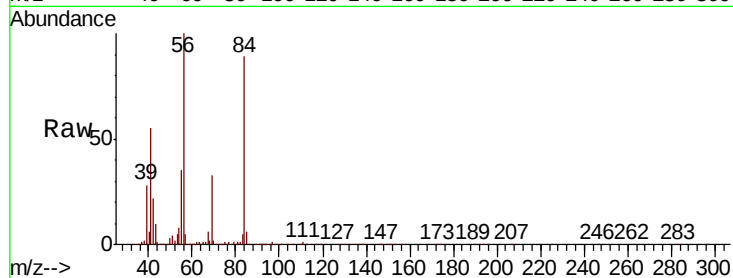




#31
Cyclohexane
Concen: 48.560 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

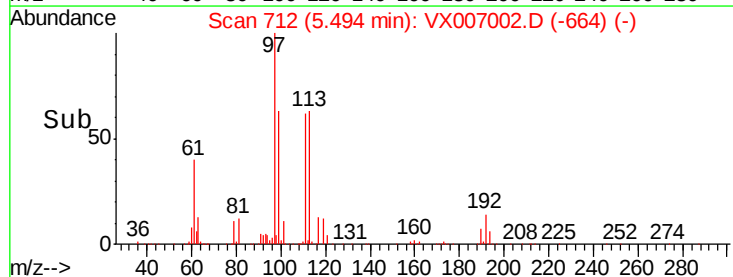
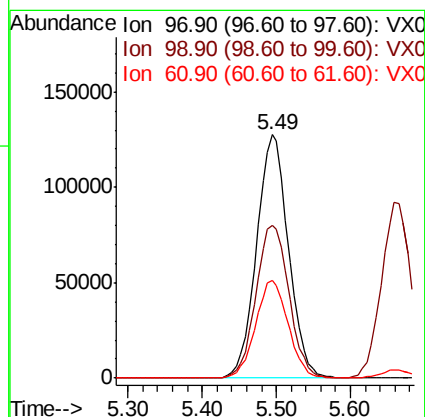
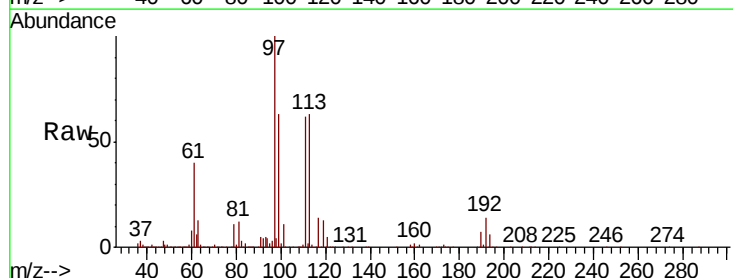
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

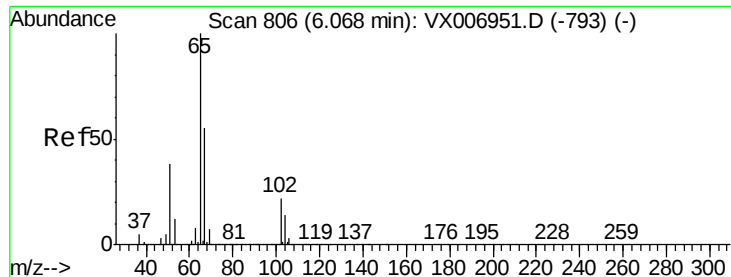
Tgt Ion: 56 Resp: 379258
Ion Ratio Lower Upper
56 100
69 32.8 24.4 36.6
84 88.1 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 49.089 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

Tgt Ion: 97 Resp: 382270
Ion Ratio Lower Upper
97 100
99 65.1 51.7 77.5
61 41.3 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 49.173 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

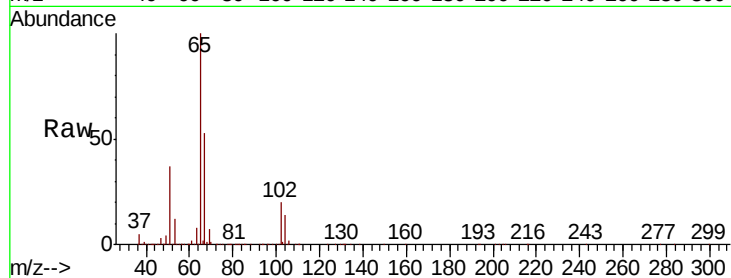
VSTDCCC050EC

Tgt Ion: 65 Resp: 272342

Ion Ratio Lower Upper

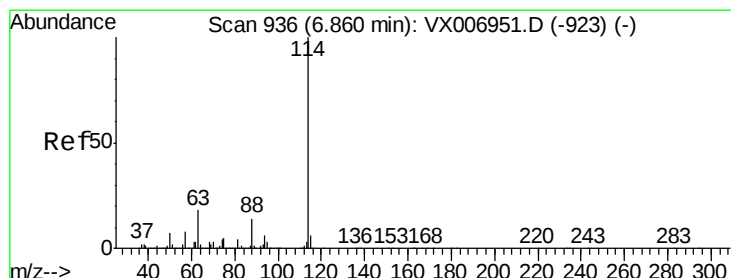
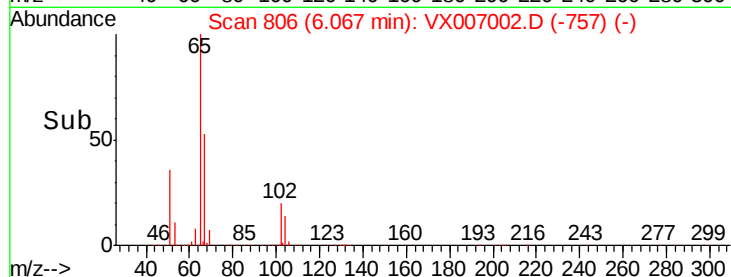
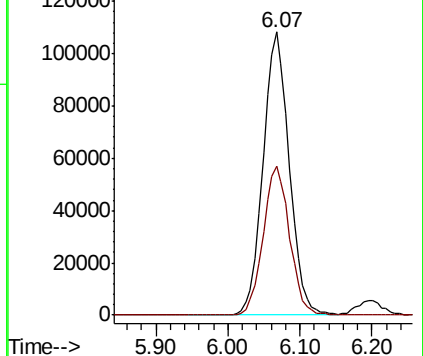
65 100

67 53.2 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

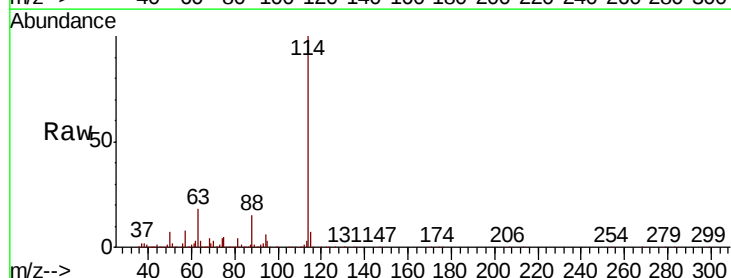
Tgt Ion: 114 Resp: 787047

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

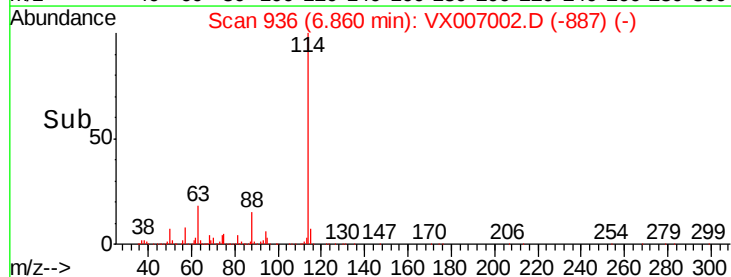
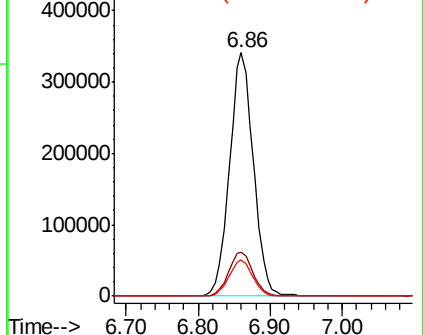
88 14.9 0.0 28.8

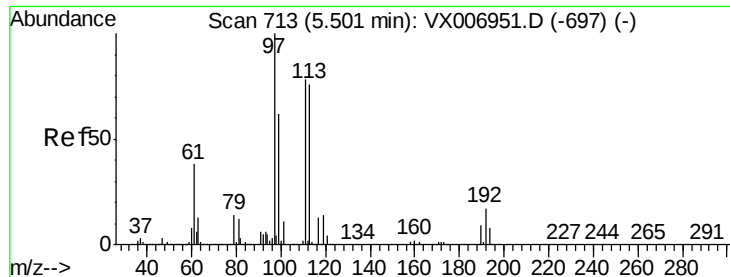


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.907 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

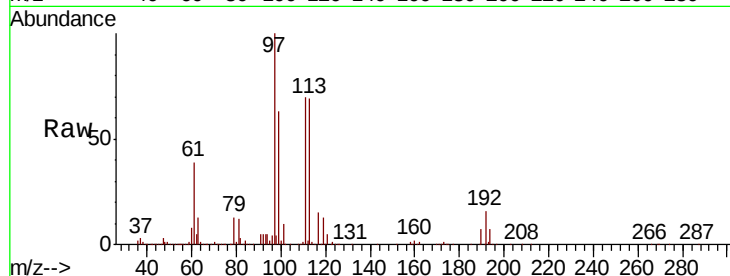
Tgt Ion: 113 Resp: 246499

Ion Ratio Lower Upper

113 100

111 99.9 81.6 122.4

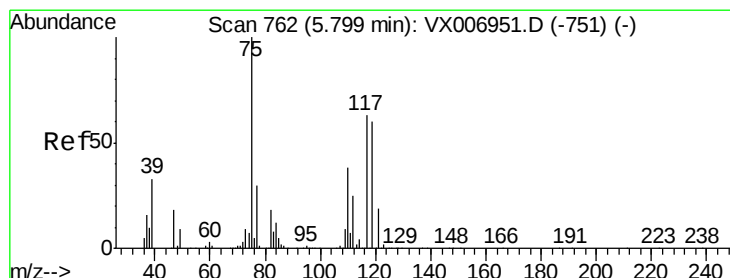
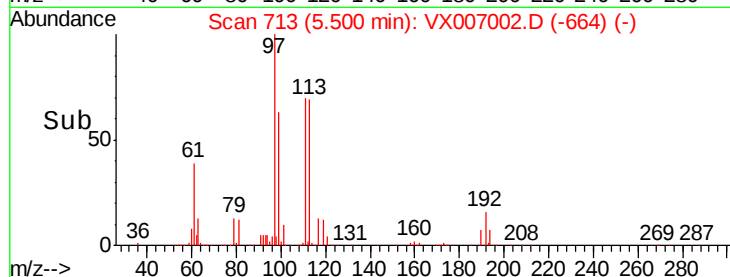
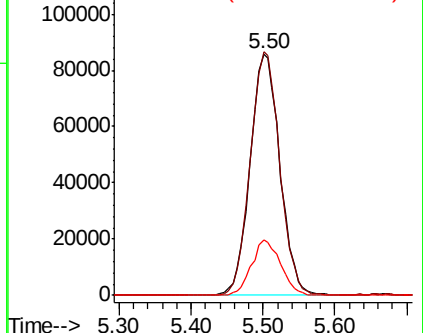
192 22.5 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.944 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

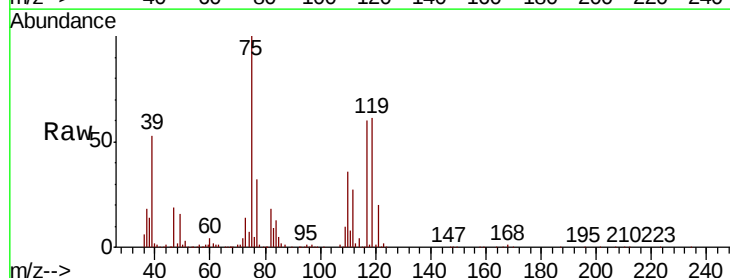
Tgt Ion: 75 Resp: 328068

Ion Ratio Lower Upper

75 100

110 38.6 20.2 60.5

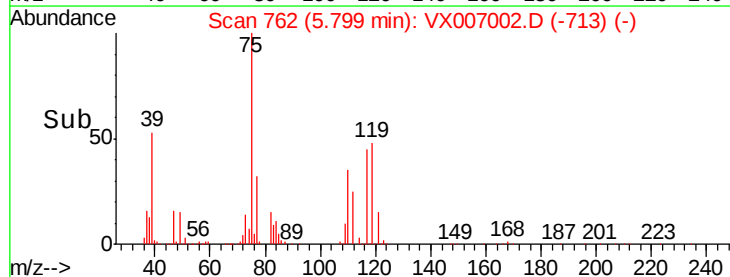
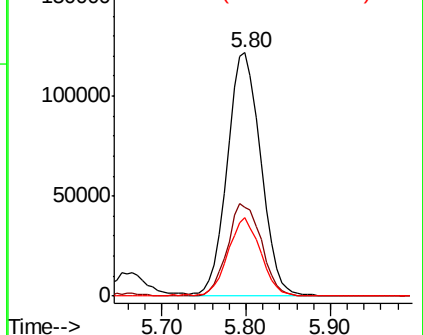
77 31.6 24.8 37.2

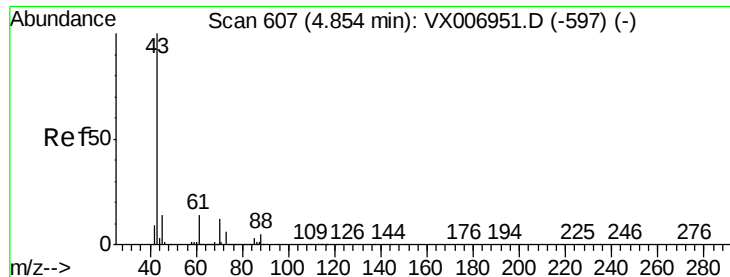


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

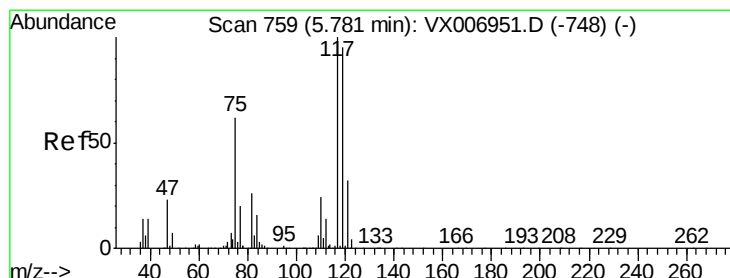
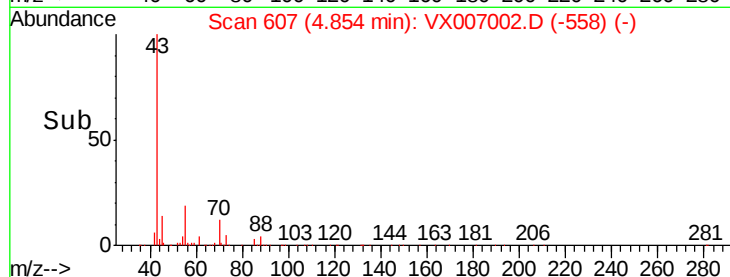
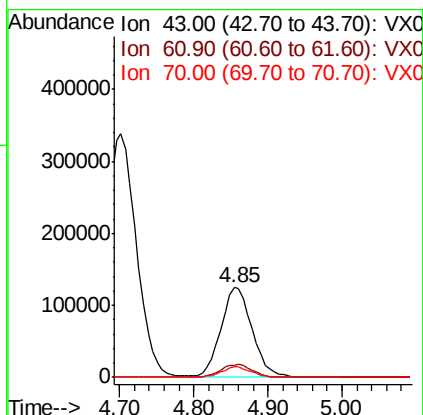
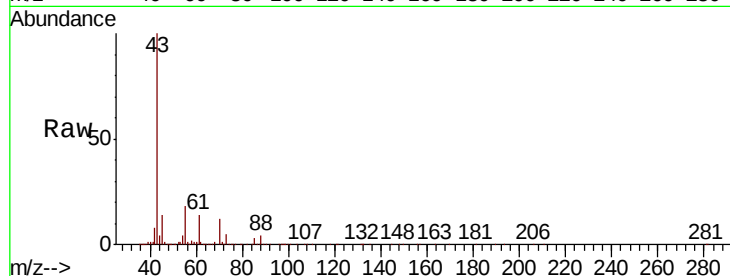




#37
Ethyl Acetate
Concen: 49.456 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

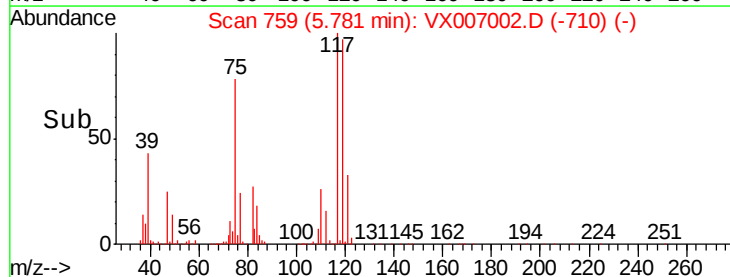
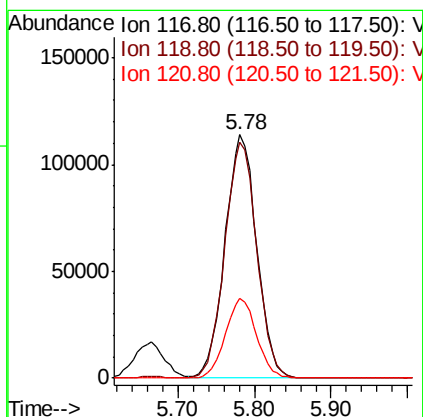
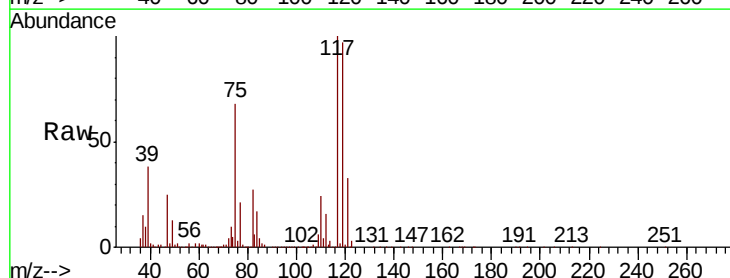
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

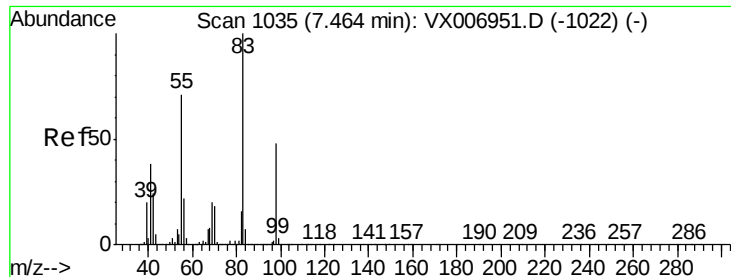
Tgt Ion: 43 Resp: 362814
Ion Ratio Lower Upper
43 100
61 14.3 11.9 17.9
70 11.0 9.7 14.5



#38
Carbon Tetrachloride
Concen: 47.540 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

Tgt Ion: 117 Resp: 327291
Ion Ratio Lower Upper
117 100
119 96.9 79.4 119.2
121 32.6 24.0 36.0

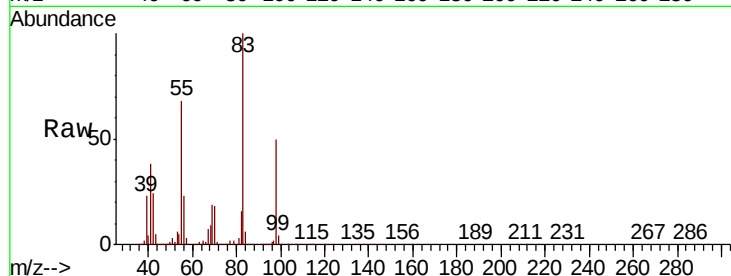




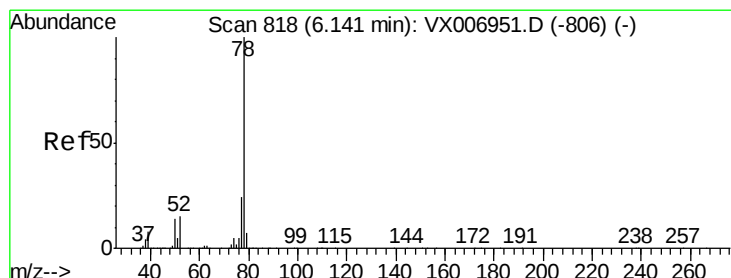
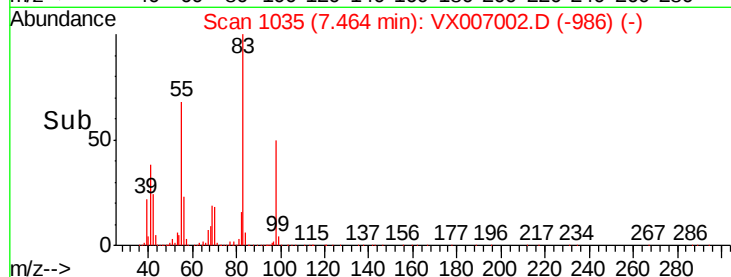
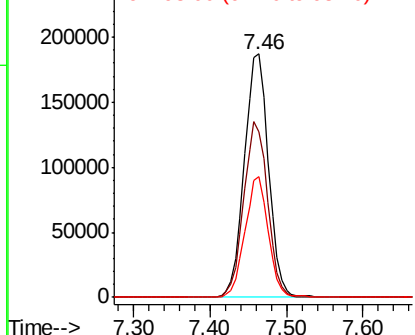
#39
Methylcyclohexane
Concen: 47.184 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 411610
Ion Ratio Lower Upper
83 100
55 67.9 54.9 82.3
98 49.8 37.9 56.9

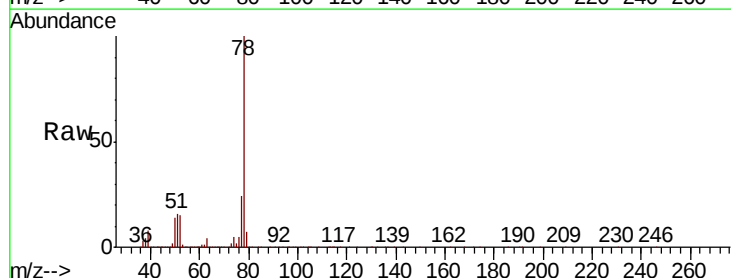


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

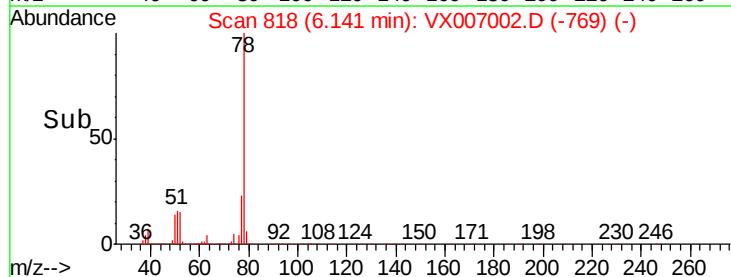
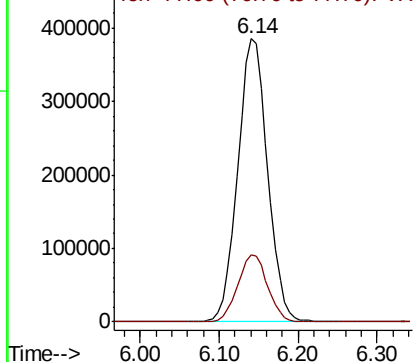


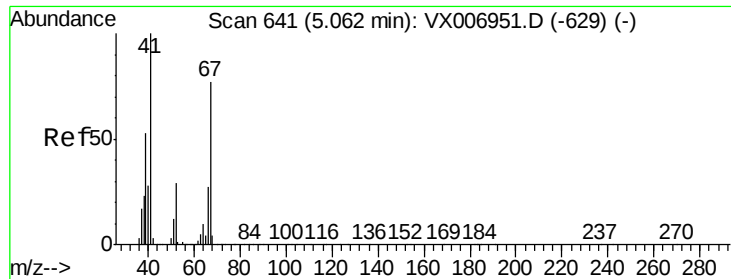
#40
Benzene
Concen: 48.487 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

Tgt Ion: 78 Resp: 1012370
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 47.793 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 201979

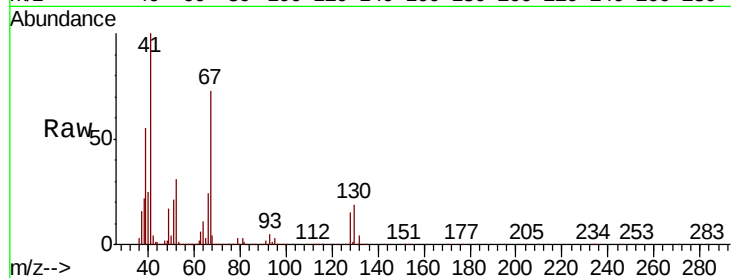
Ion Ratio Lower Upper

41 100

39 53.5 42.8 64.2

67 76.0 62.1 93.1

52 29.5 23.4 35.0

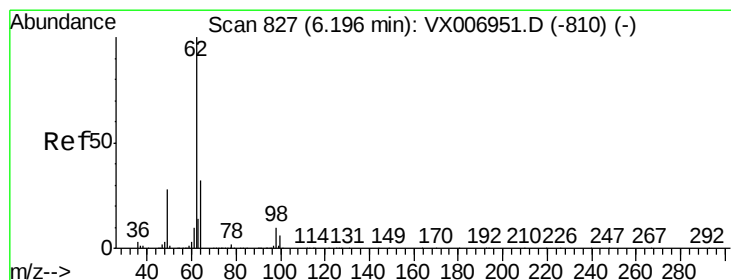
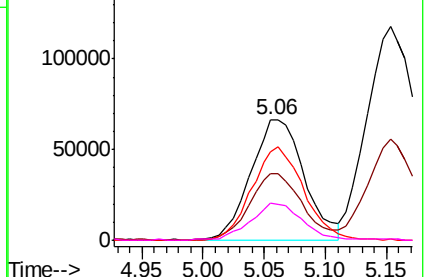
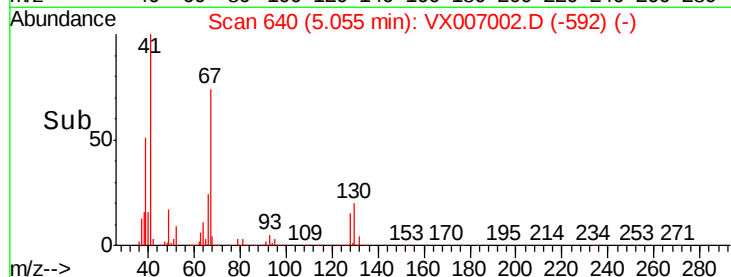


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 47.290 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007002.D

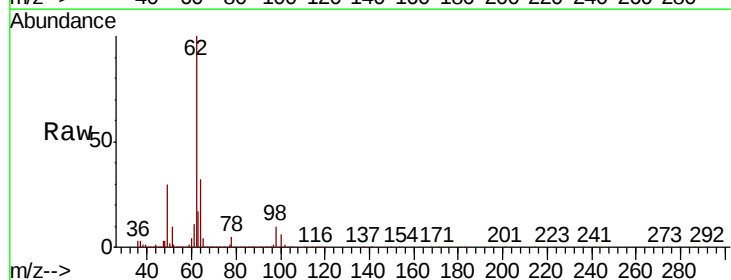
Acq: 10 Jan 2019 20:40

Tgt Ion: 62 Resp: 341198

Ion Ratio Lower Upper

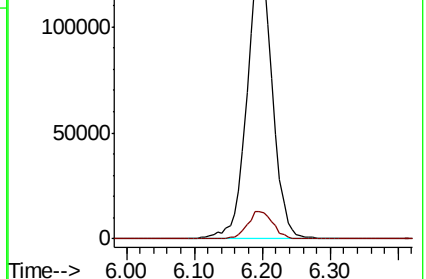
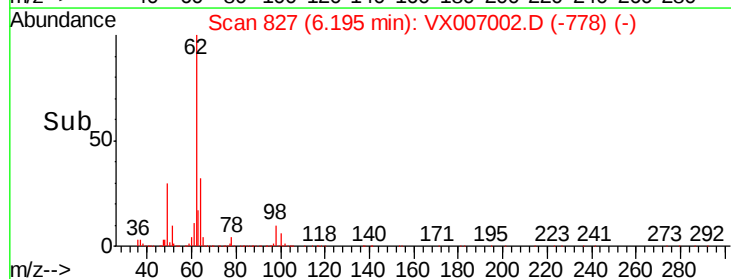
62 100

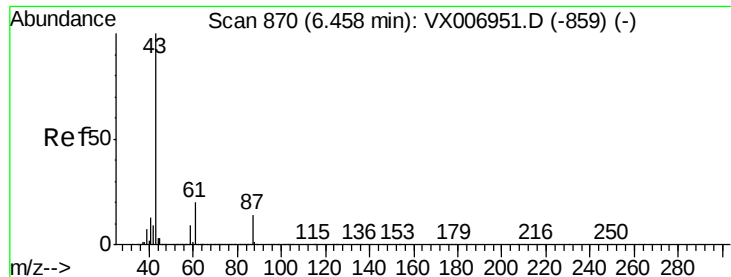
98 10.1 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.870 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

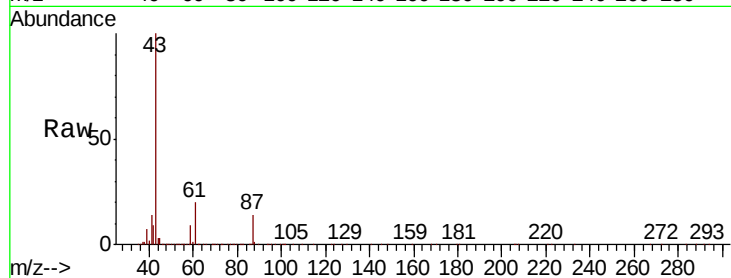
Tgt Ion: 43 Resp: 577074

Ion Ratio Lower Upper

43 100

61 20.4 16.8 25.2

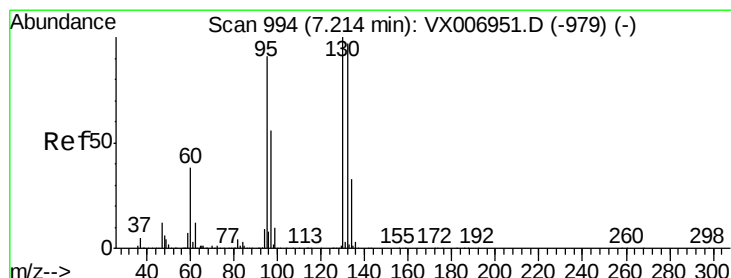
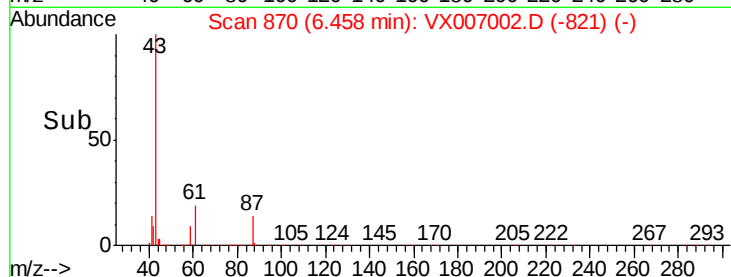
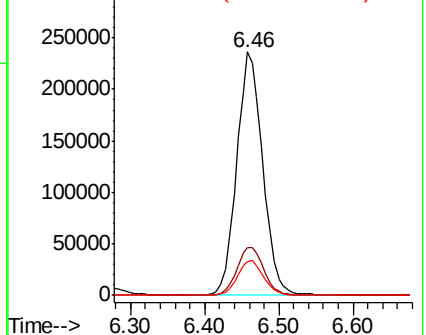
87 14.6 12.4 18.6



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: 47.518 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007002.D

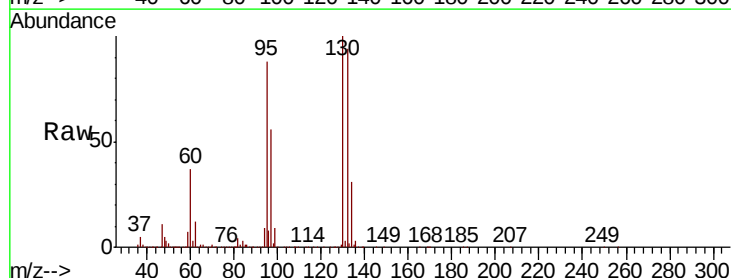
Acq: 10 Jan 2019 20:40

Tgt Ion: 130 Resp: 297303

Ion Ratio Lower Upper

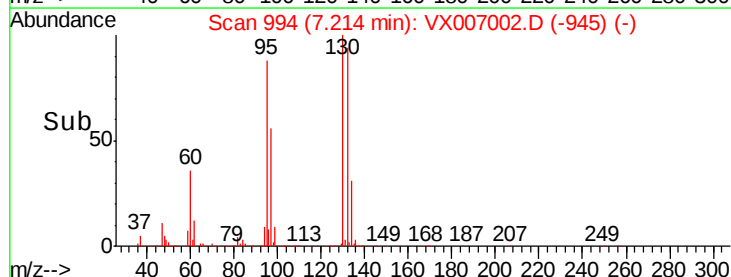
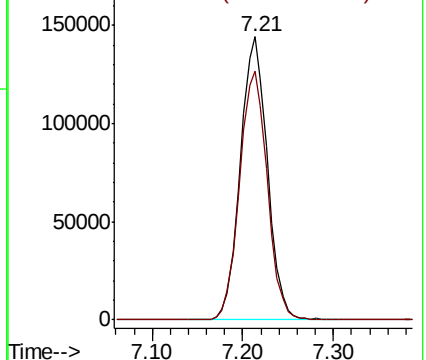
130 100

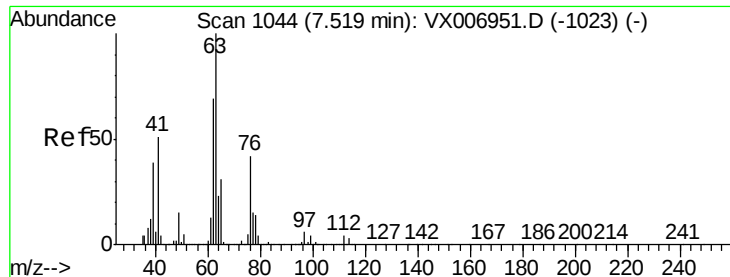
95 87.9 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

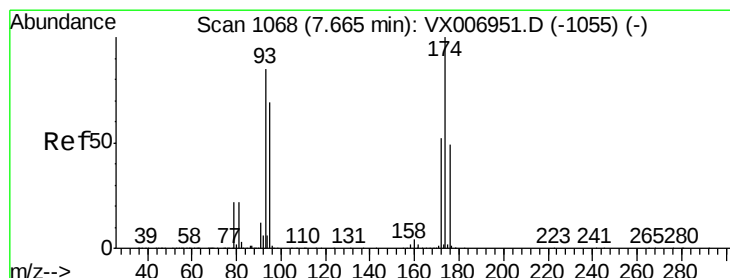
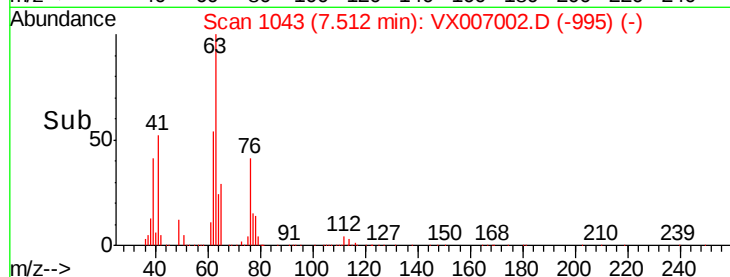
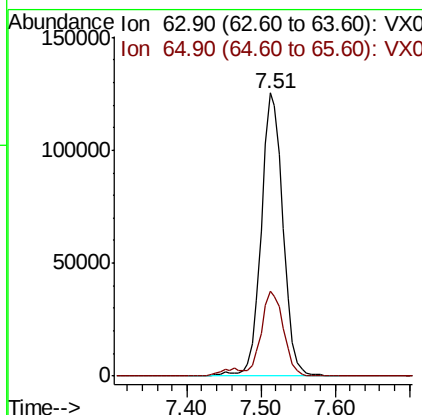
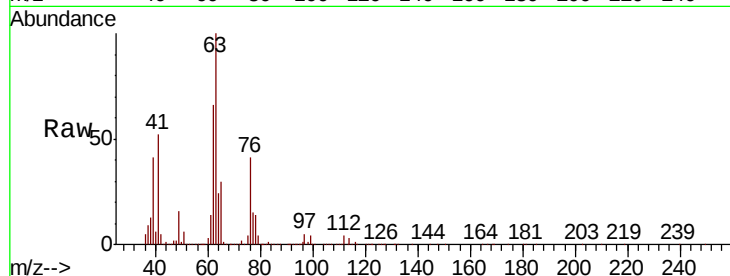




#45
 1,2-Dichloropropane
 Concen: 48.834 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX007002.D
 Acq: 10 Jan 2019 20:40

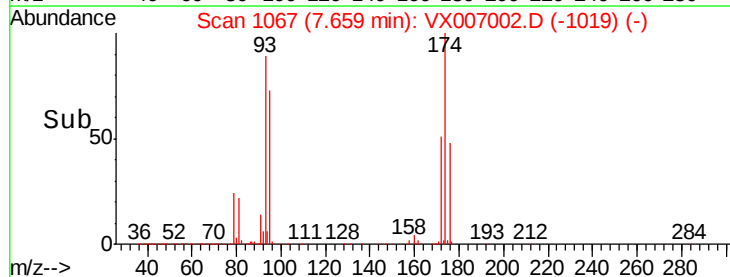
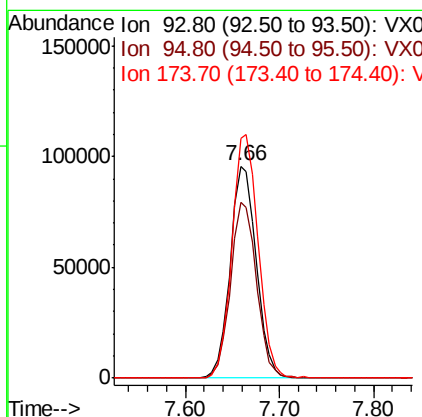
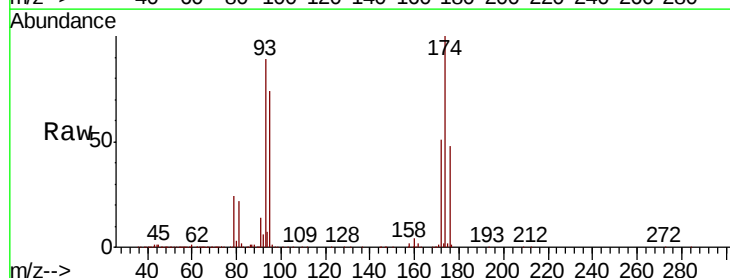
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

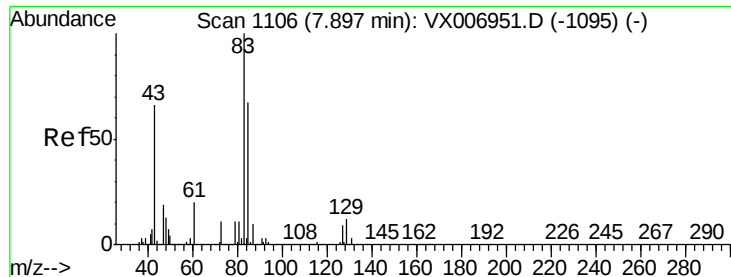
Tgt Ion: 63 Resp: 256336
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.4 38.0



#46
 Dibromomethane
 Concen: 49.954 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX007002.D
 Acq: 10 Jan 2019 20:40

Tgt Ion: 93 Resp: 184283
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.2 99.4
 174 115.2 91.0 136.4





#47

Bromodichloromethane

Concen: 50.438 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

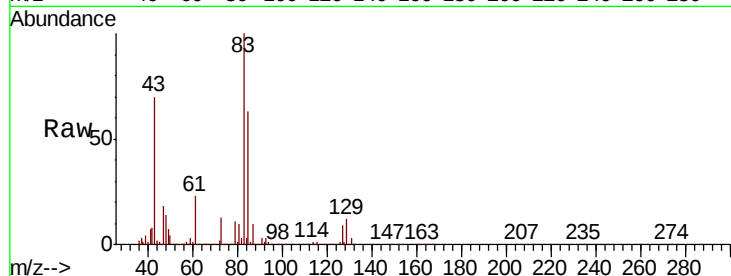
Tgt Ion: 83 Resp: 316721

Ion Ratio Lower Upper

83 100

85 62.5 53.2 79.8

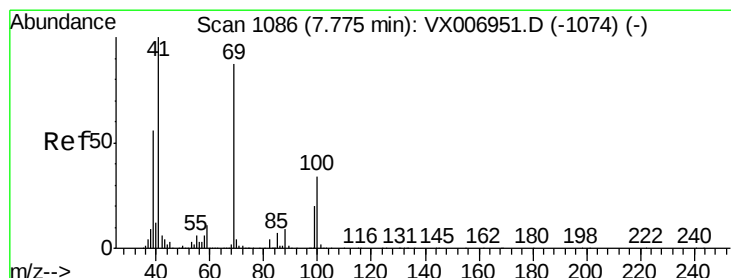
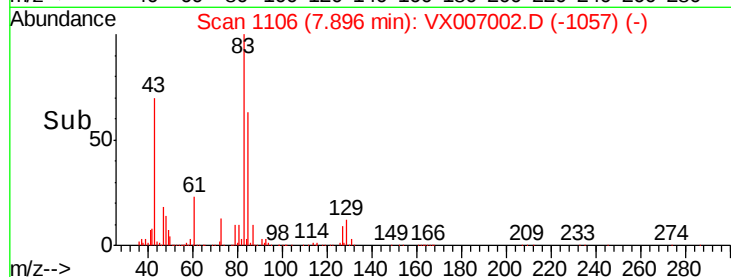
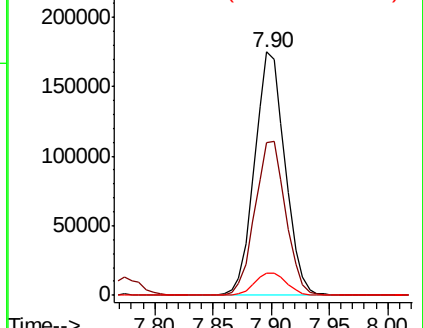
127 9.1 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.515 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

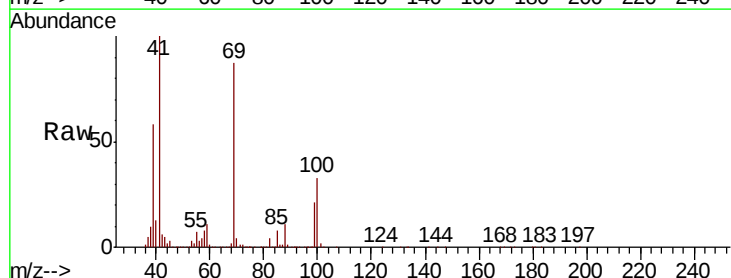
Tgt Ion: 41 Resp: 300186

Ion Ratio Lower Upper

41 100

69 88.1 72.4 108.6

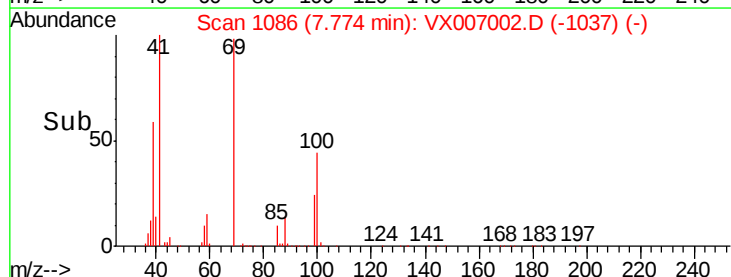
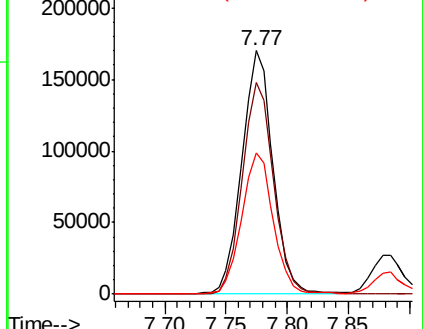
39 58.4 45.8 68.8

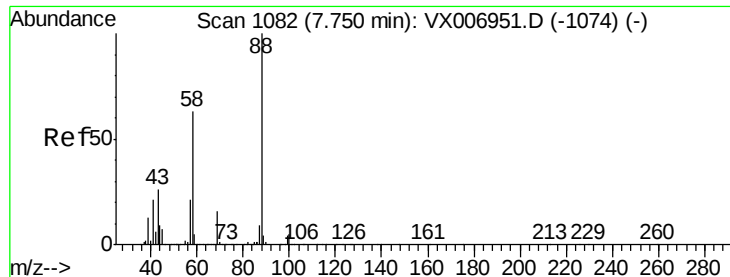


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1007.014 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

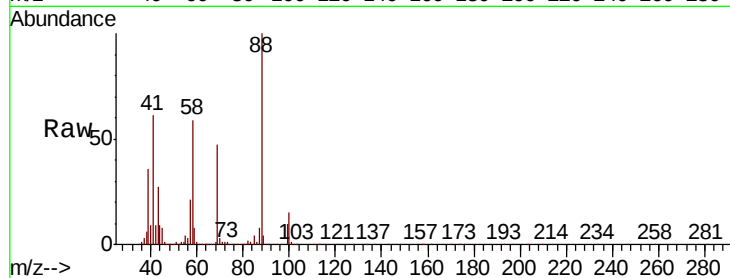
Tgt Ion: 88 Resp: 136651

Ion Ratio Lower Upper

88 100

43 29.4 22.2 33.4

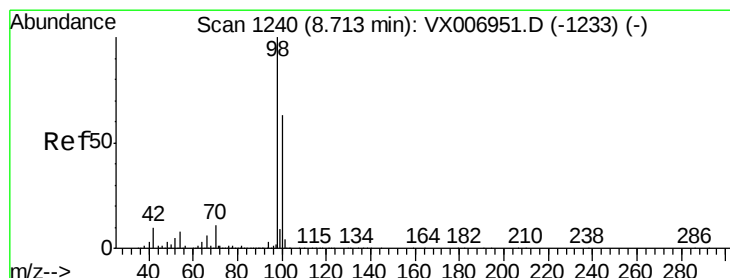
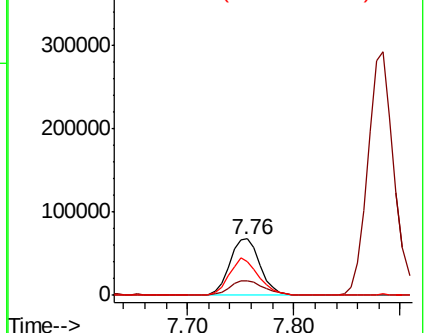
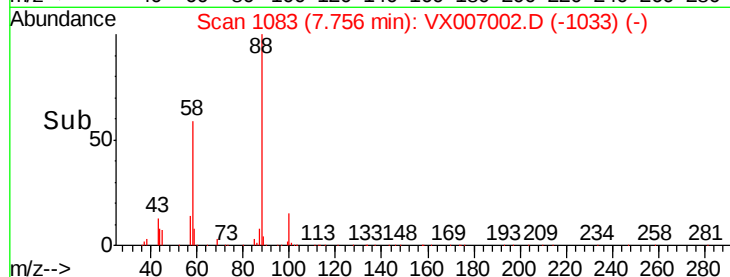
58 63.3 51.0 76.4



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: 49.565 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007002.D

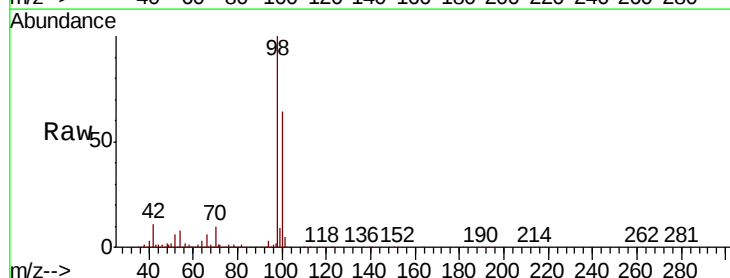
Acq: 10 Jan 2019 20:40

Tgt Ion: 98 Resp: 914417

Ion Ratio Lower Upper

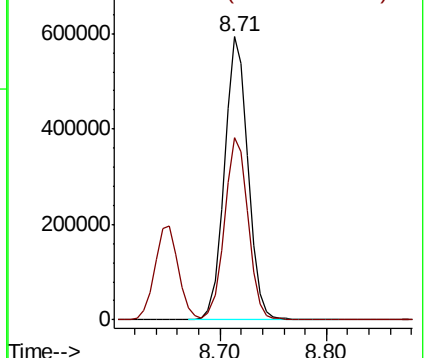
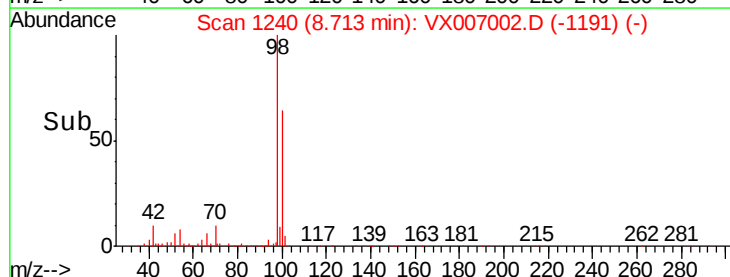
98 100

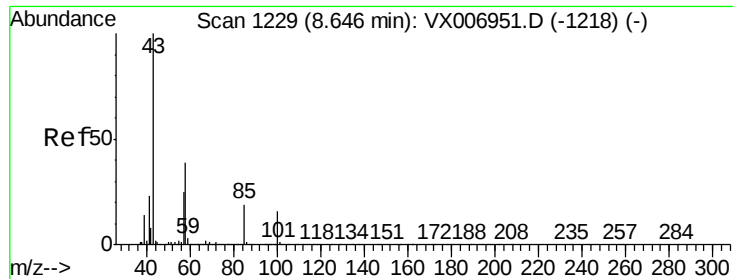
100 64.7 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

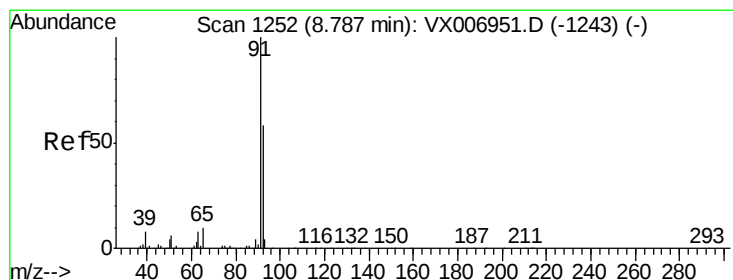
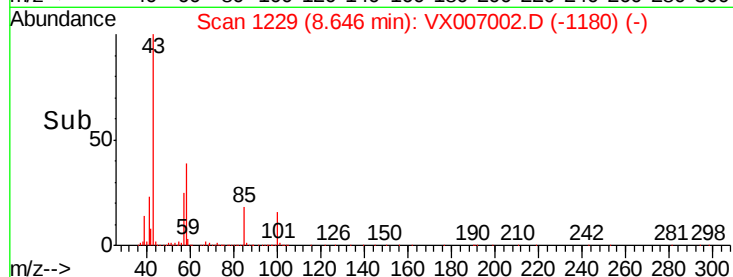
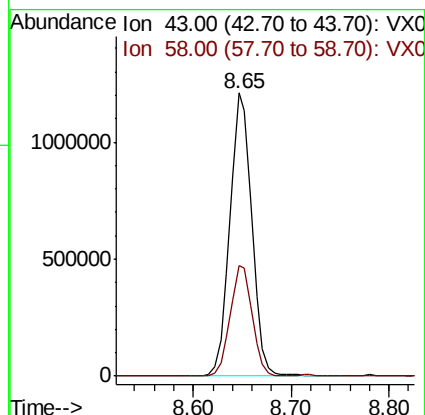
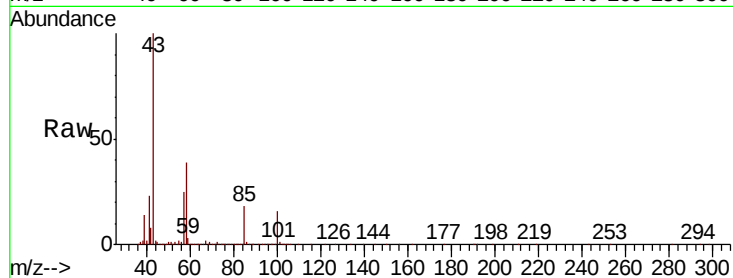




#51
4-Methyl-2-Pentanone
Concen: 252.992 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

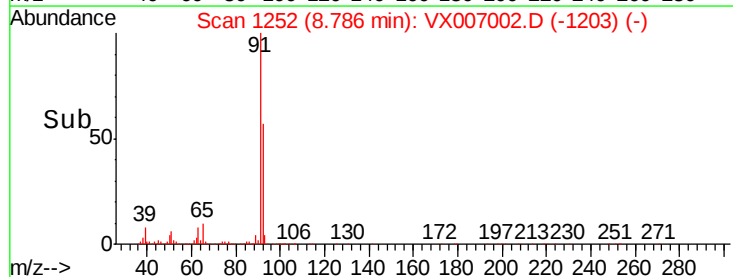
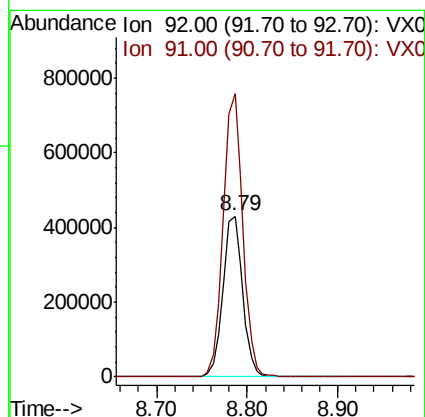
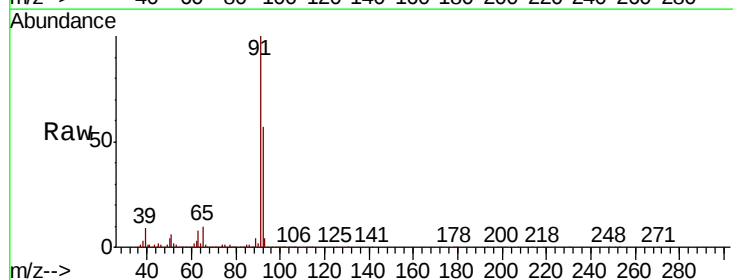
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

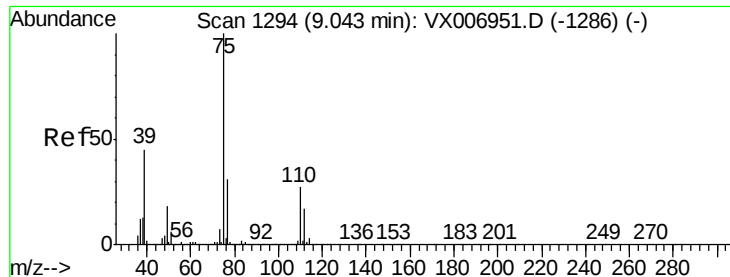
Tgt Ion: 43 Resp: 1881397
Ion Ratio Lower Upper
43 100
58 39.3 31.8 47.6



#52
Toluene
Concen: 48.578 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

Tgt Ion: 92 Resp: 651911
Ion Ratio Lower Upper
92 100
91 175.7 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 49.440 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

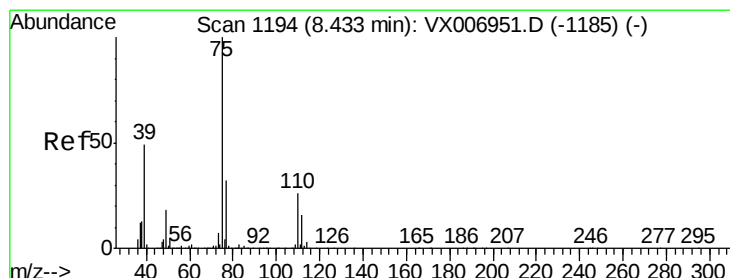
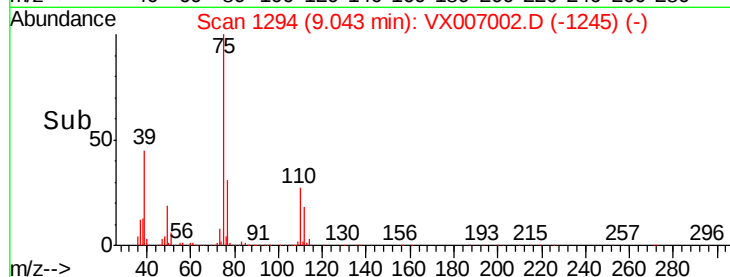
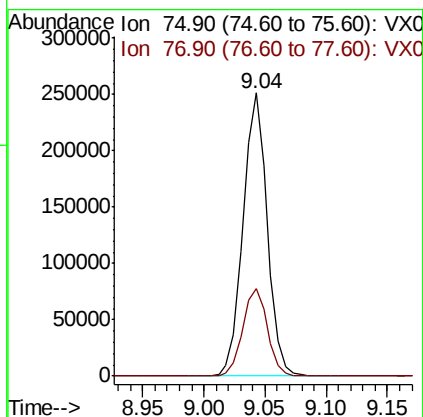
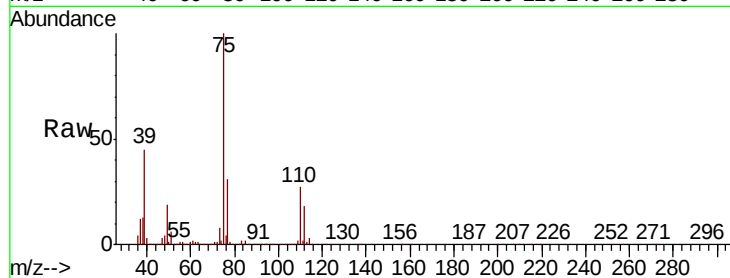
VSTDCCC050EC

Tgt Ion: 75 Resp: 344252

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 50.629 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

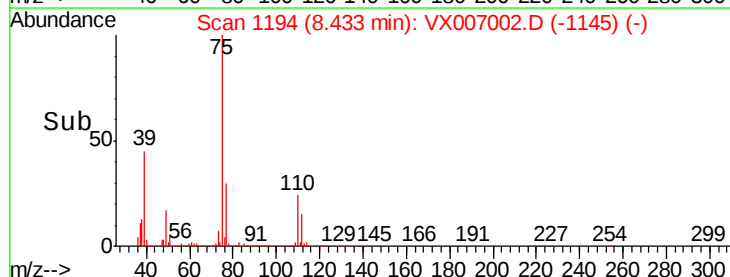
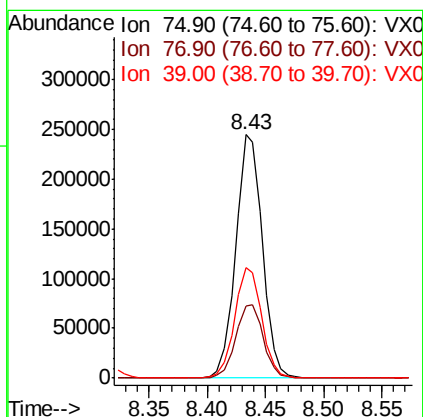
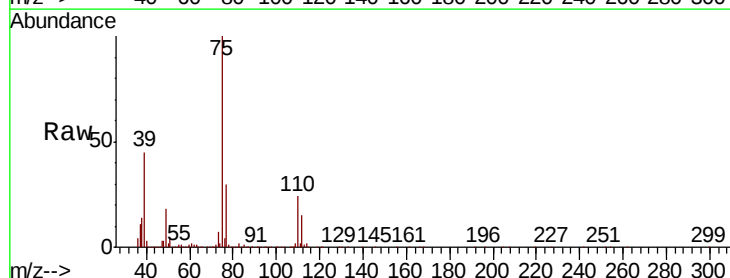
Tgt Ion: 75 Resp: 389316

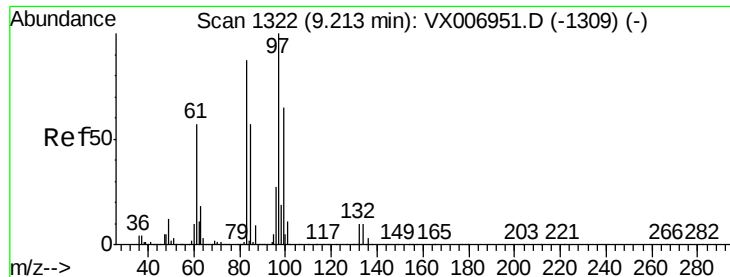
Ion Ratio Lower Upper

75 100

77 29.8 26.2 39.2

39 45.1 36.7 55.1

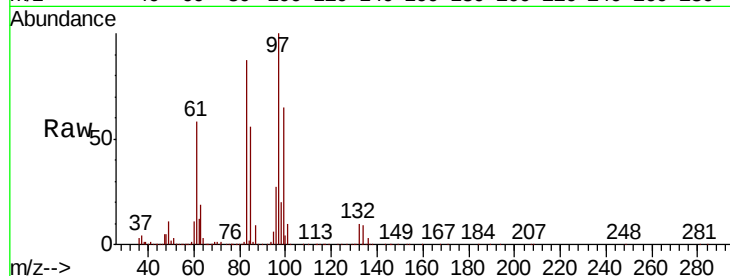




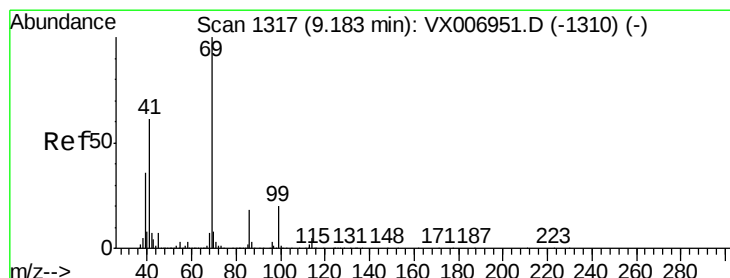
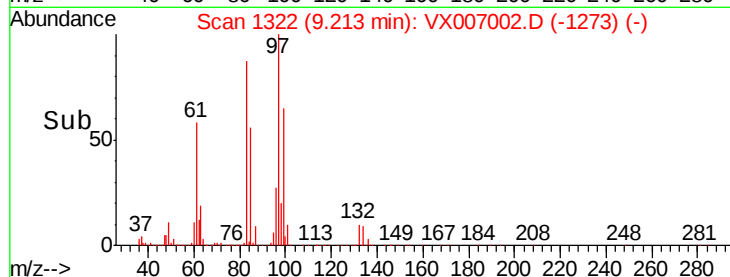
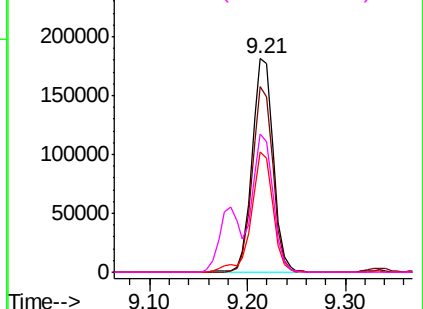
#55
 1,1,2-Trichloroethane
 Concen: 50.583 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007002.D
 Acq: 10 Jan 2019 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	271703
Ion	Ratio	Lower	Upper
97	100		
83	87.1	66.6	99.8
85	56.3	42.7	64.1
99	64.9	50.8	76.2

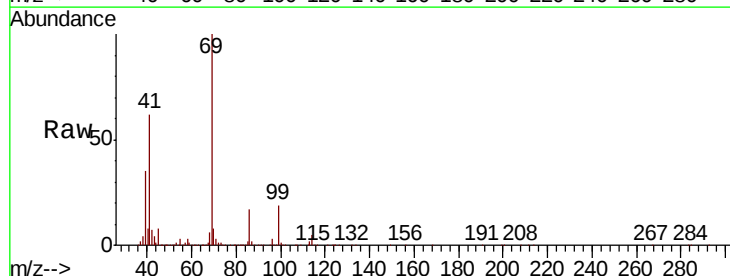


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

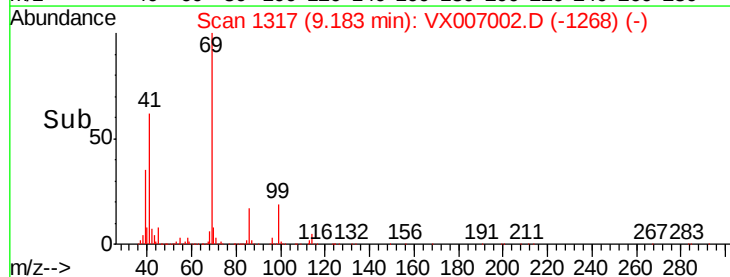
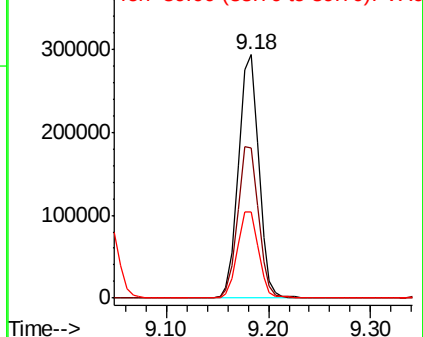


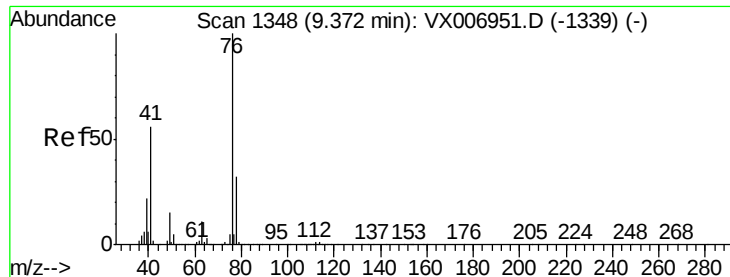
#56
 Ethyl methacrylate
 Concen: 51.094 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX007002.D
 Acq: 10 Jan 2019 20:40

Tgt Ion:	69	Resp:	400663
Ion	Ratio	Lower	Upper
69	100		
41	63.3	48.7	73.1
39	36.9	27.0	40.6



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: 49.548 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

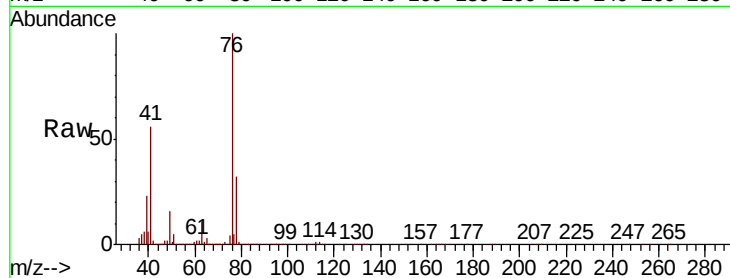
VSTDCCC050EC

Tgt Ion: 76 Resp: 436018

Ion Ratio Lower Upper

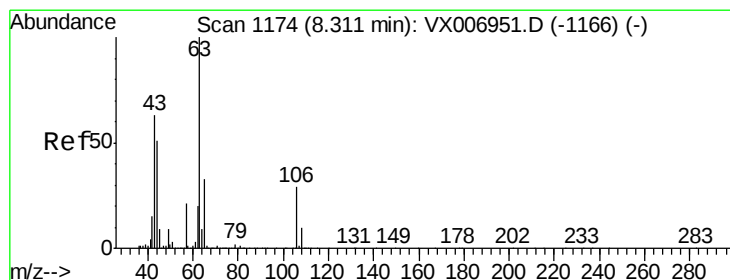
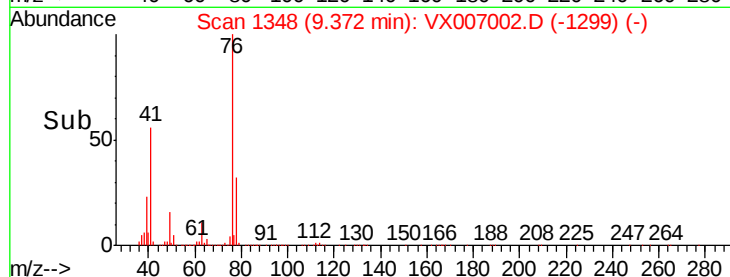
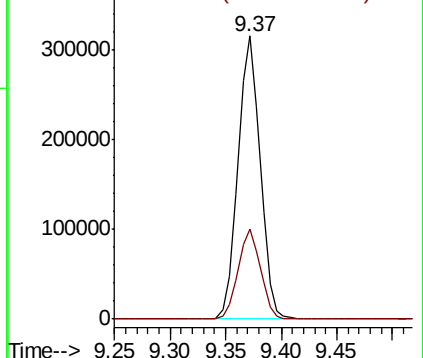
76 100

78 32.3 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 252.924 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007002.D

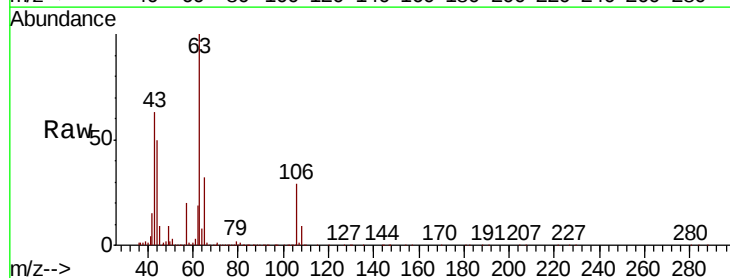
Acq: 10 Jan 2019 20:40

Tgt Ion: 63 Resp: 1019743

Ion Ratio Lower Upper

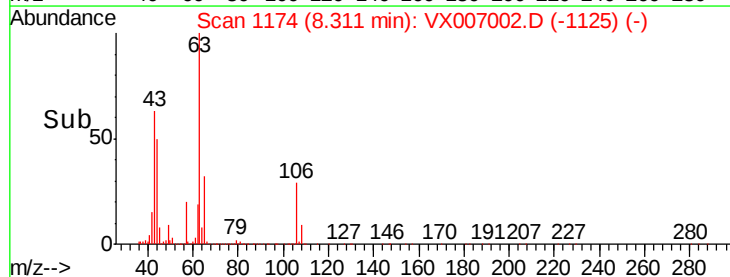
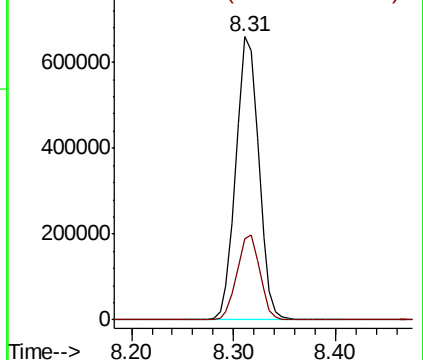
63 100

106 30.1 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

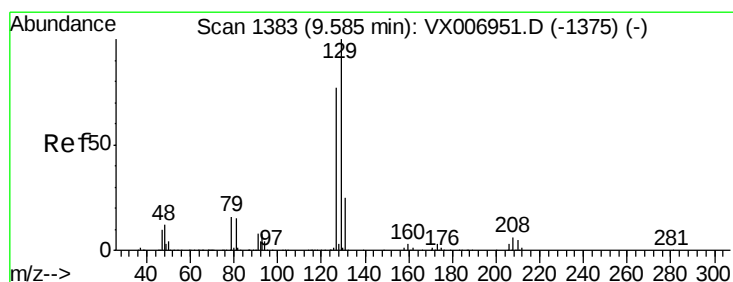
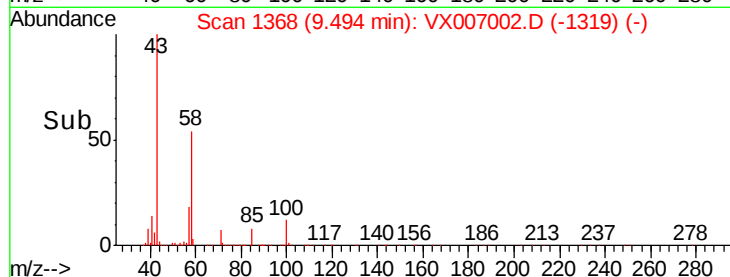
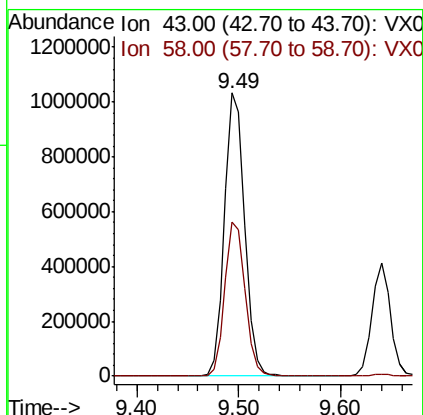
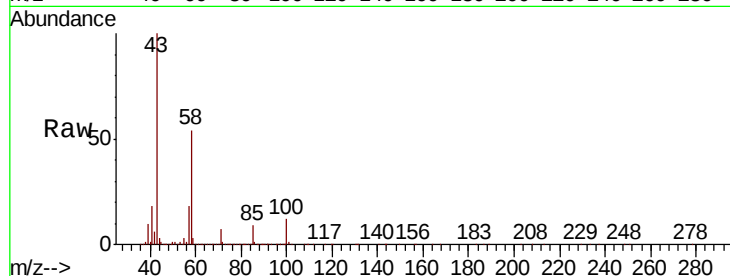




#59
2-Hexanone
Concen: 250.515 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

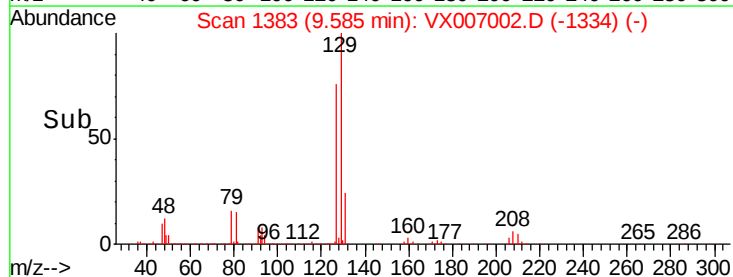
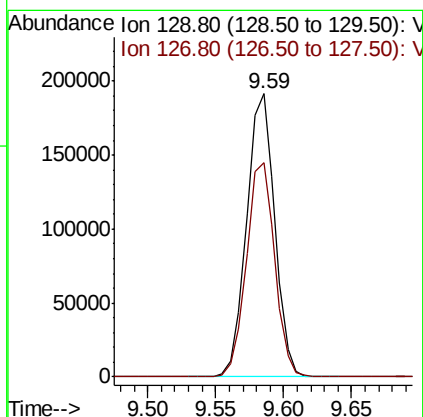
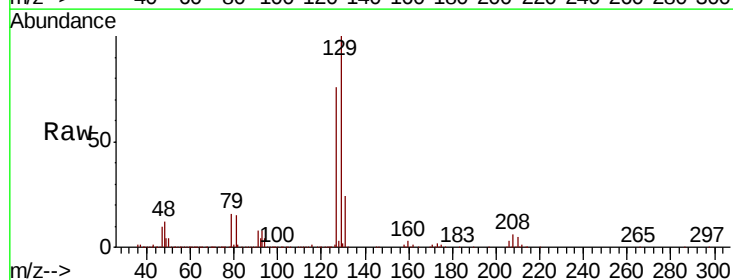
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

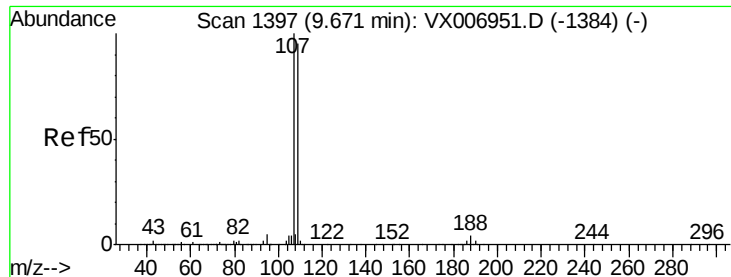
Tgt Ion: 43 Resp: 1419697
Ion Ratio Lower Upper
43 100
58 54.8 27.7 83.1



#60
Dibromochloromethane
Concen: 53.136 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

Tgt Ion: 129 Resp: 277151
Ion Ratio Lower Upper
129 100
127 76.5 39.3 117.8





#61

1,2-Dibromoethane

Concen: 49.814 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

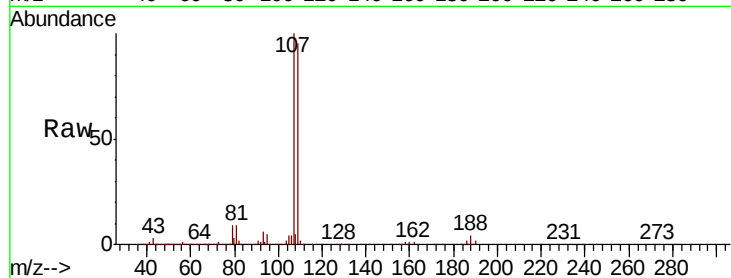
VSTDCCC050EC

Tgt Ion:107 Resp: 294569

Ion Ratio Lower Upper

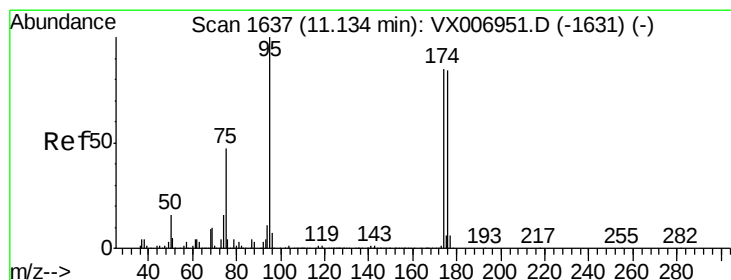
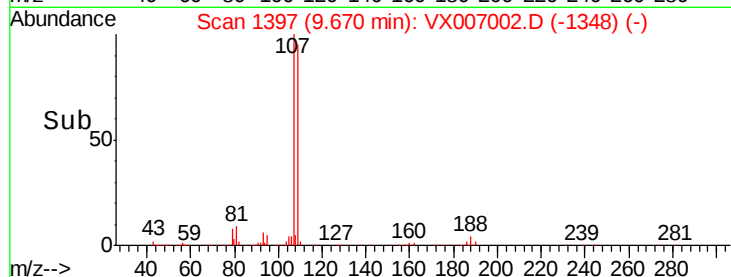
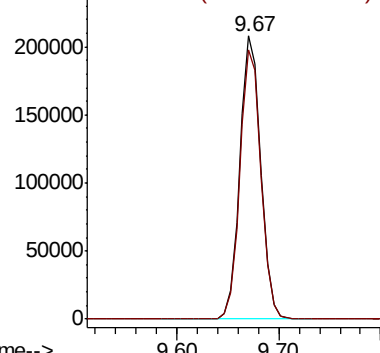
107 100

109 95.9 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.816 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

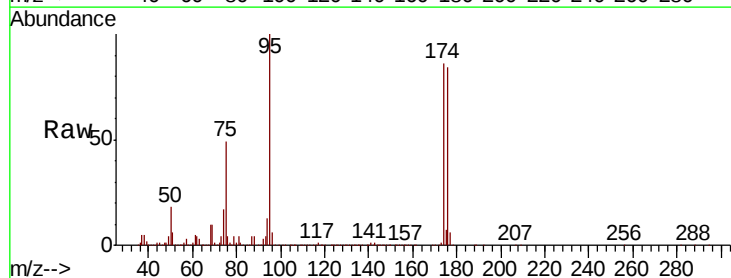
Tgt Ion: 95 Resp: 320398

Ion Ratio Lower Upper

95 100

174 93.6 0.0 182.2

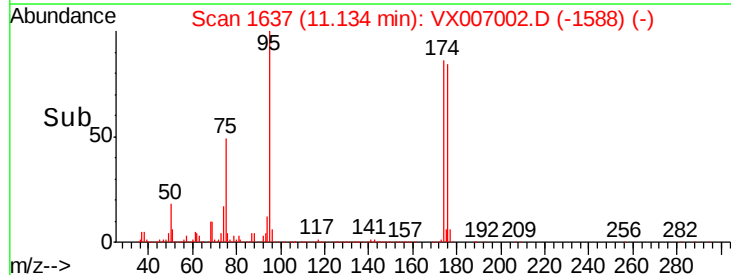
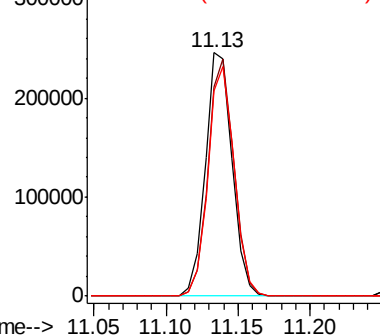
176 91.9 0.0 178.8

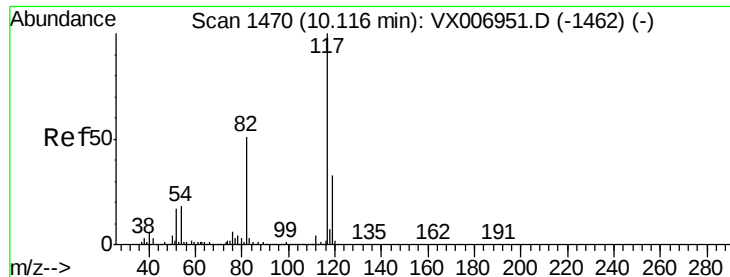


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

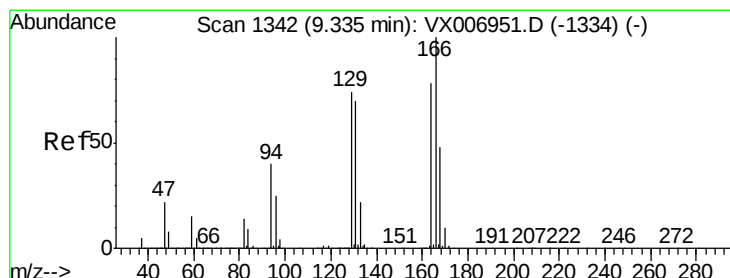
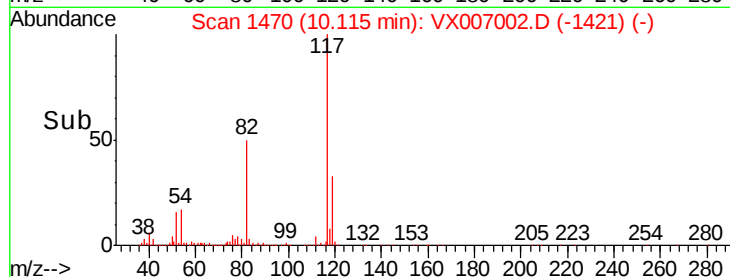
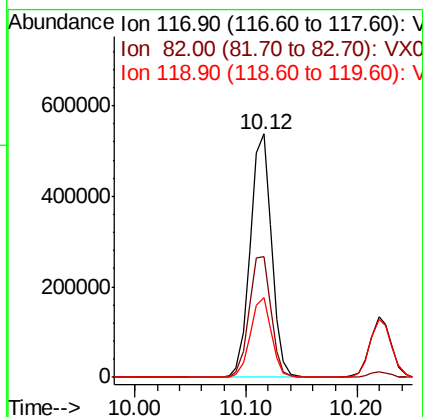
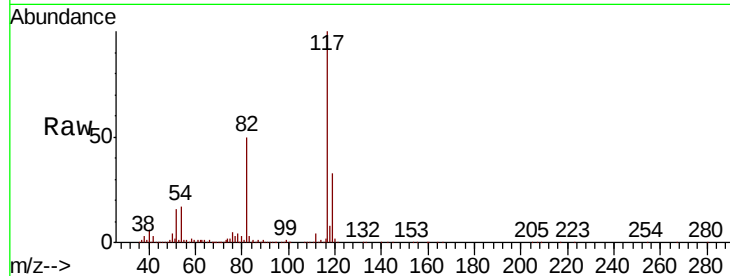




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

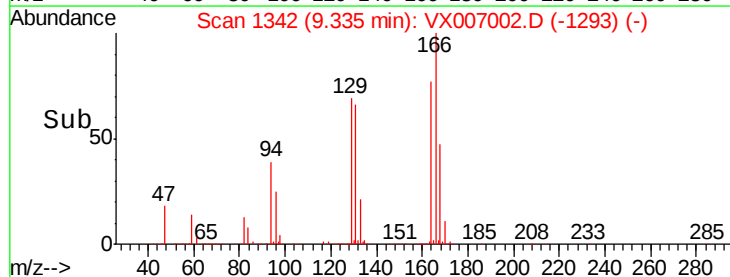
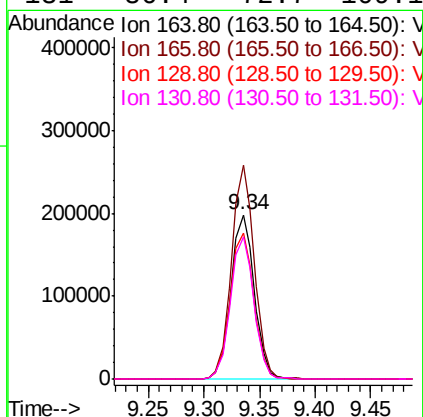
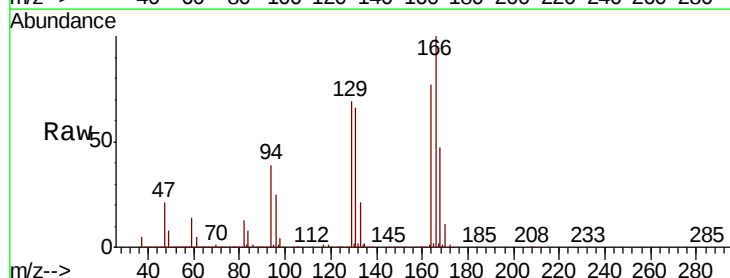
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

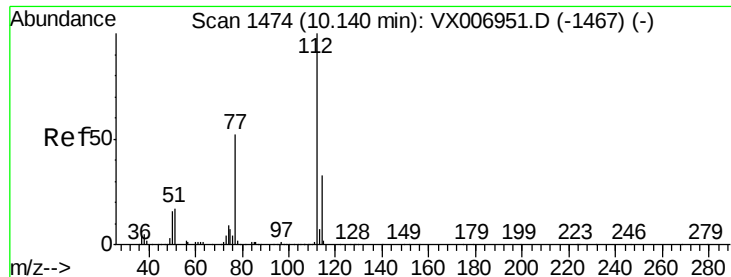
Tgt Ion:117 Resp: 715032
Ion Ratio Lower Upper
117 100
82 49.8 41.0 61.6
119 32.7 25.4 38.0



#64
Tetrachloroethene
Concen: 46.480 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

Tgt Ion:164 Resp: 287739
Ion Ratio Lower Upper
164 100
166 130.1 102.5 153.7
129 89.1 75.1 112.7
131 86.4 72.7 109.1

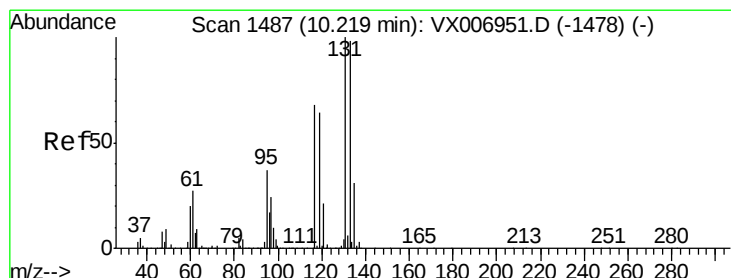
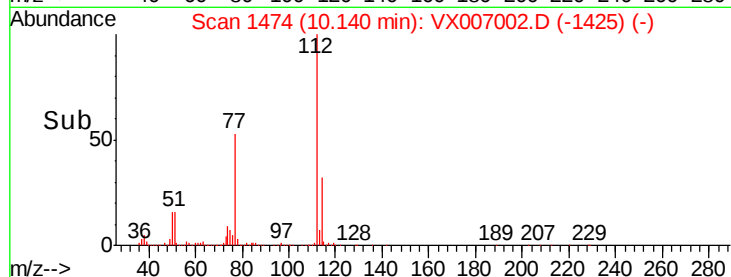
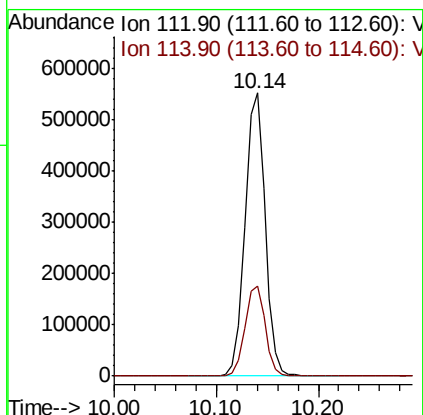
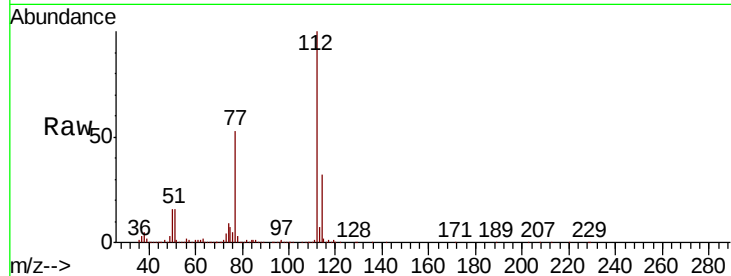




#65
Chlorobenzene
Concen: 48.393 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

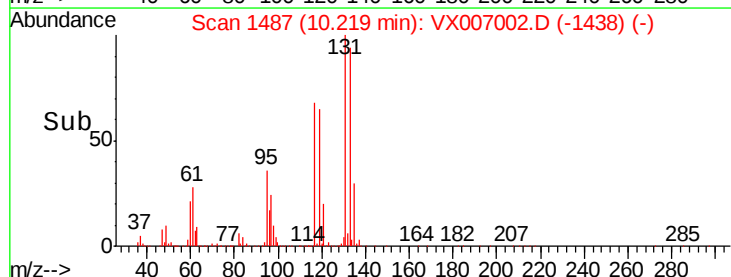
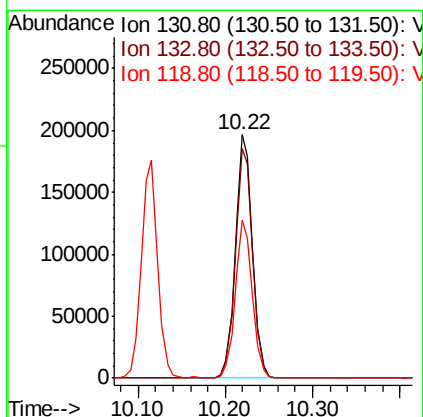
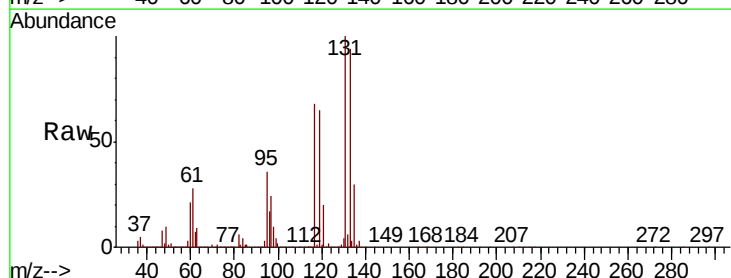
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

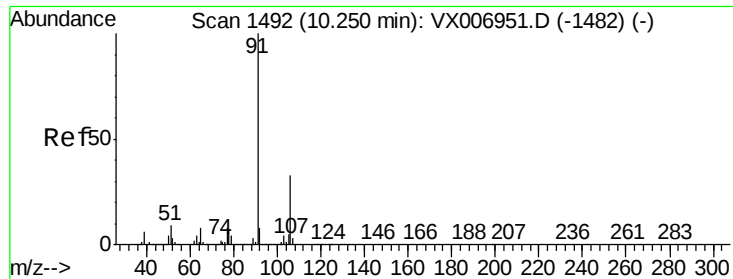
Tgt Ion:112 Resp: 754707
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.080 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

Tgt Ion:131 Resp: 267976
Ion Ratio Lower Upper
131 100
133 95.8 48.0 144.2
119 65.0 32.6 97.8

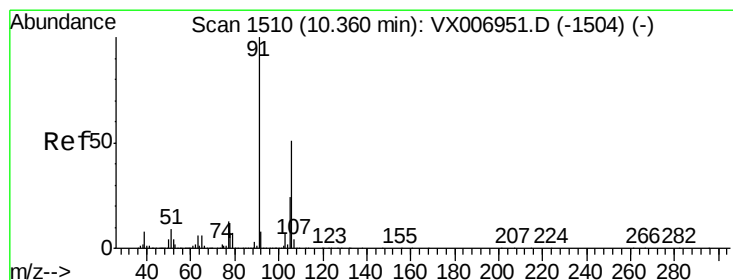
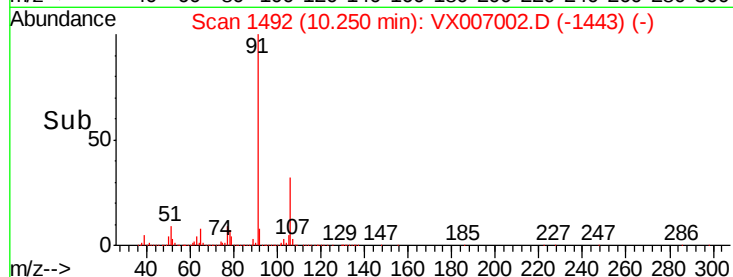
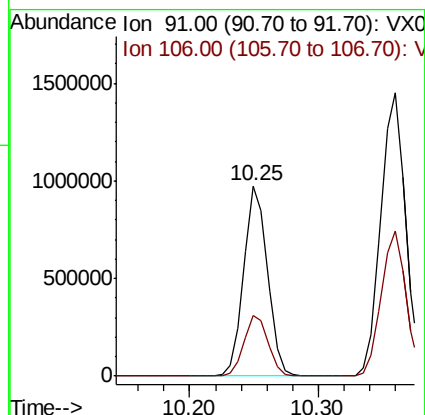
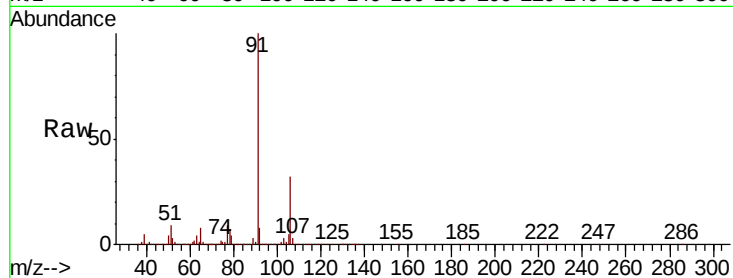




#67
Ethyl Benzene
Concen: 48.171 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

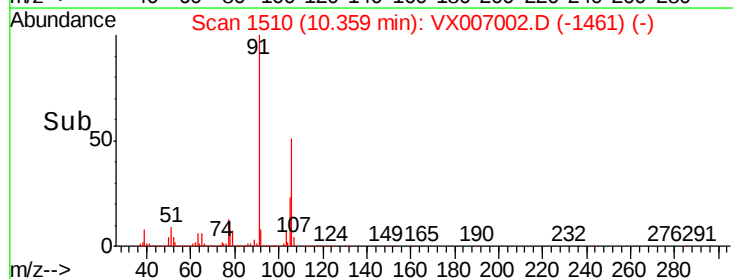
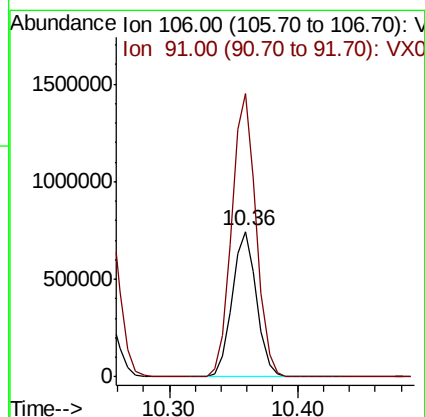
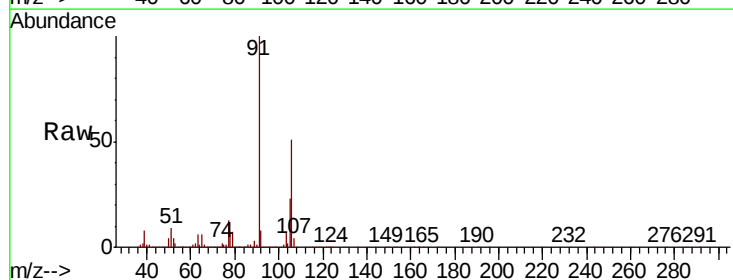
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

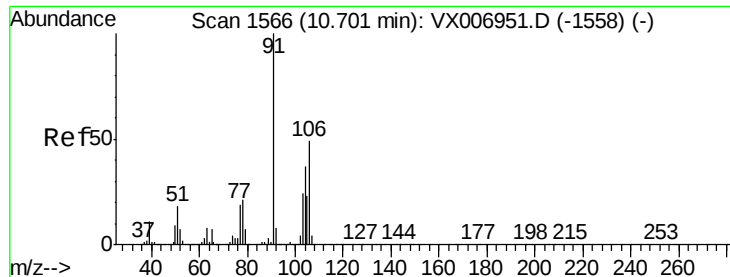
Tgt Ion: 91 Resp: 1240211
Ion Ratio Lower Upper
91 100
106 32.0 26.4 39.6



#68
m/p-Xylenes
Concen: 97.179 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

Tgt Ion: 106 Resp: 985735
Ion Ratio Lower Upper
106 100
91 195.4 155.8 233.6

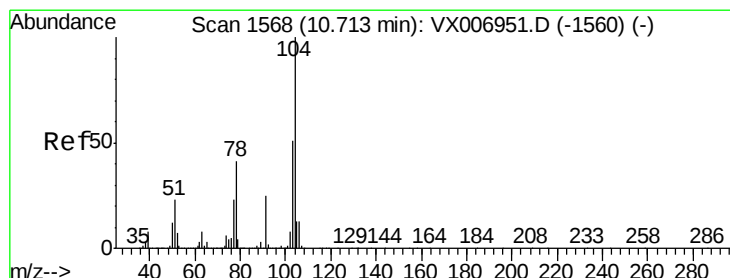
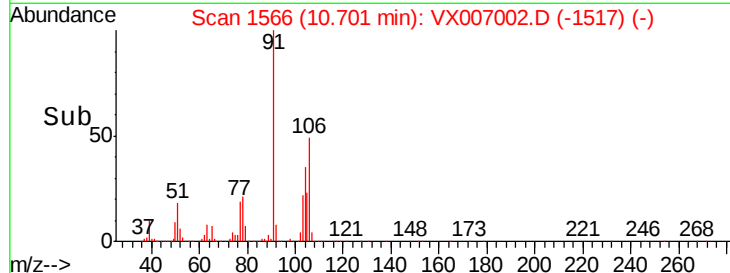
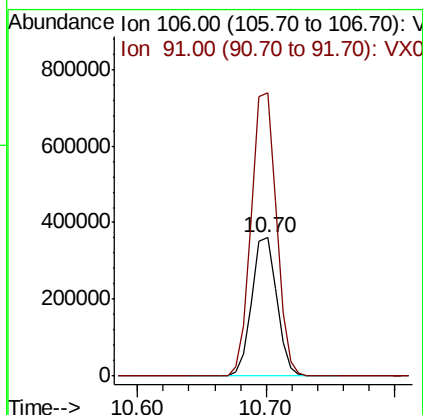
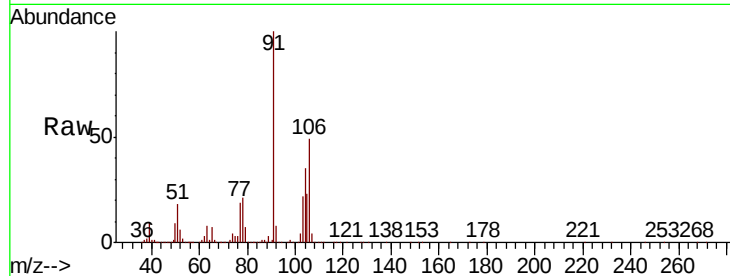




#69
o-Xylene
Concen: 48.626 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

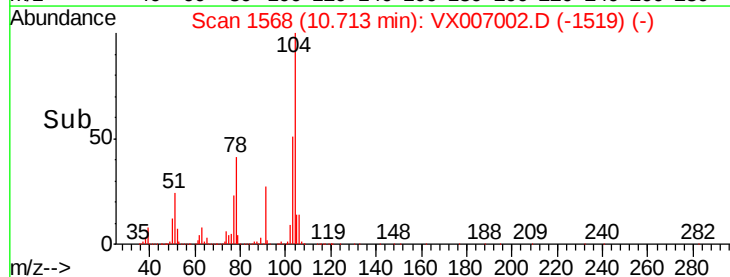
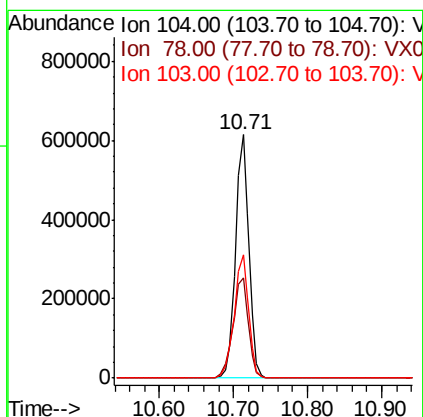
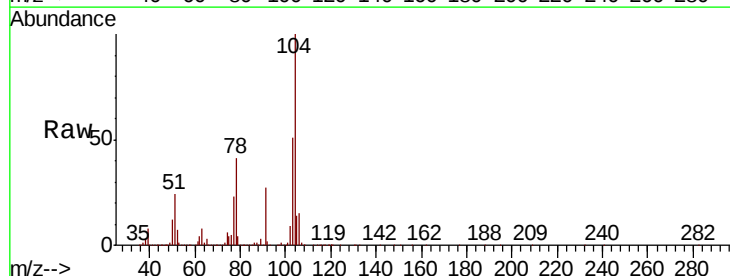
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

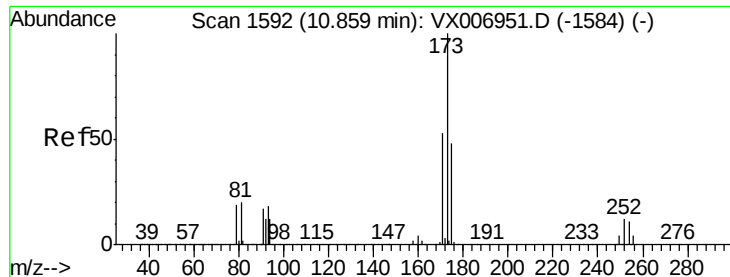
Tgt Ion:106 Resp: 481027
Ion Ratio Lower Upper
106 100
91 205.4 101.3 303.7



#70
Styrene
Concen: 49.479 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

Tgt Ion:104 Resp: 775213
Ion Ratio Lower Upper
104 100
78 47.6 37.7 56.5
103 55.3 43.8 65.8





#71

Bromoform

Concen: 43.121 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

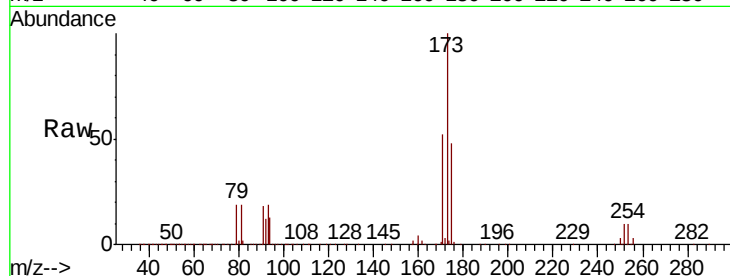
Tgt Ion:173 Resp: 199026

Ion Ratio Lower Upper

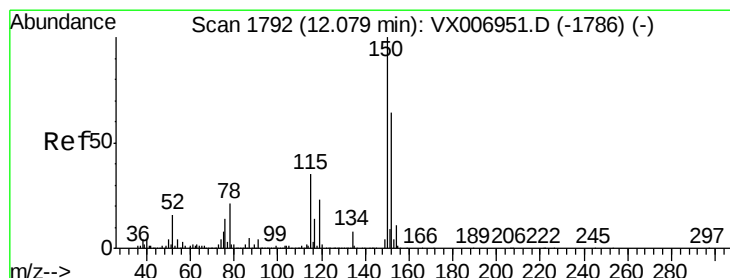
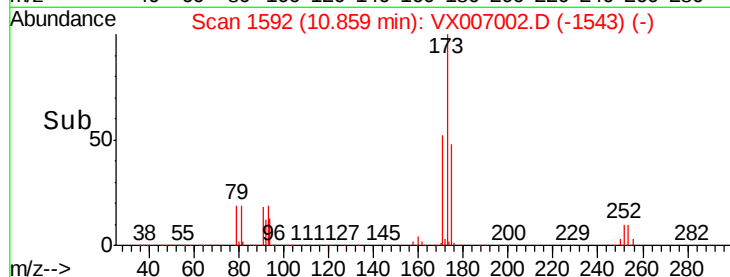
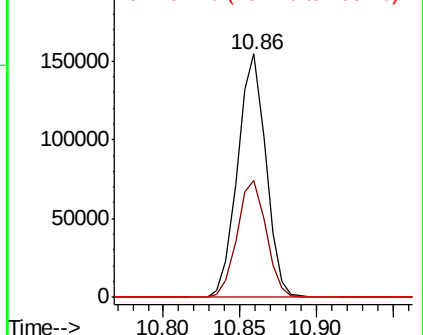
173 100

175 49.4 24.7 74.1

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

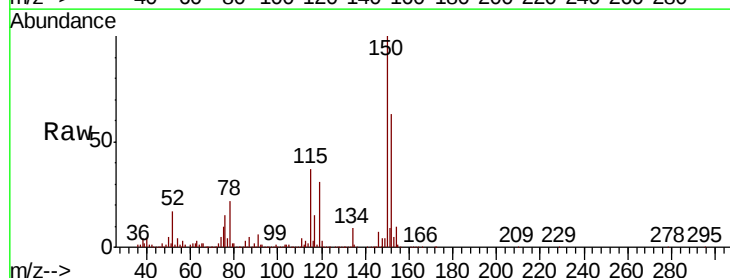
Tgt Ion:152 Resp: 365186

Ion Ratio Lower Upper

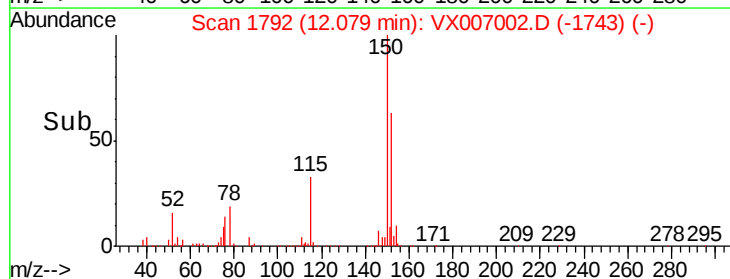
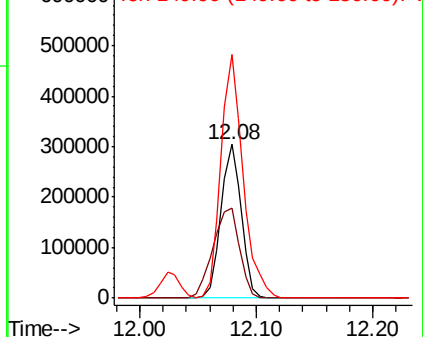
152 100

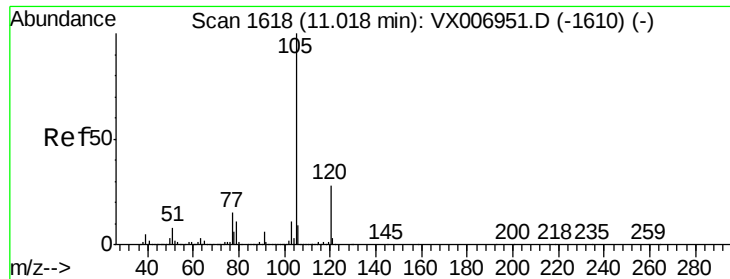
115 76.8 39.1 117.2

150 173.7 0.0 344.8



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





#73

Isopropylbenzene

Concen: 48.997 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

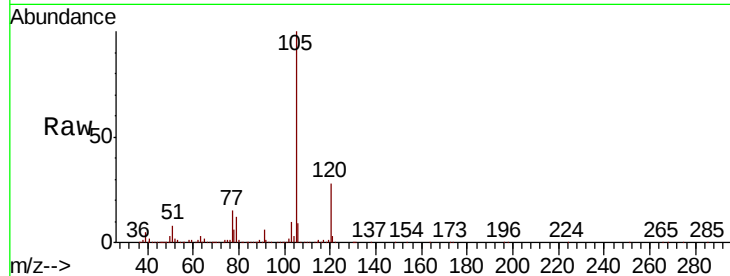
VSTDCCC050EC

Tgt Ion:105 Resp: 1261694

Ion Ratio Lower Upper

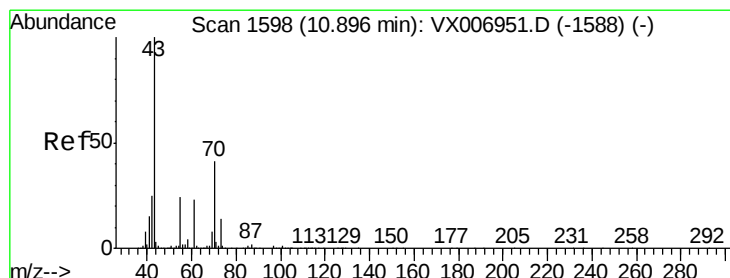
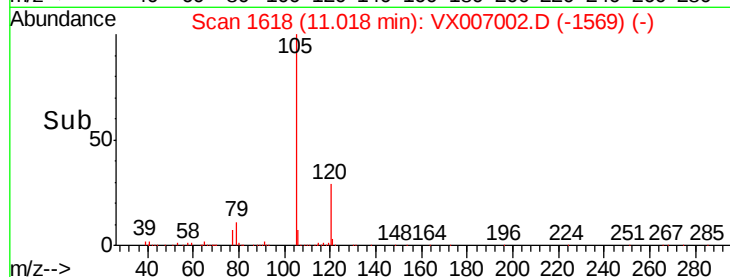
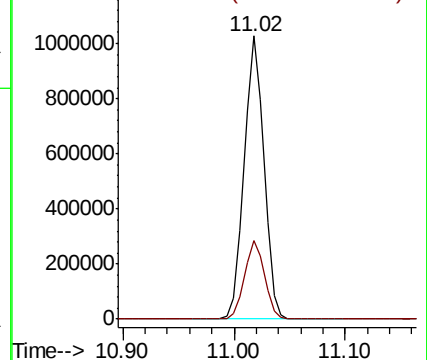
105 100

120 28.0 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.669 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

Tgt Ion: 43 Resp: 514960

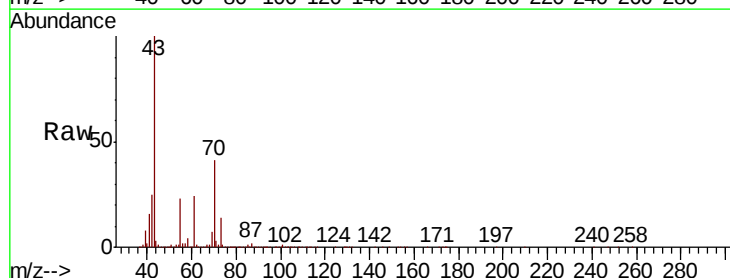
Ion Ratio Lower Upper

43 100

70 42.3 35.8 53.8

55 23.5 19.4 29.0

61 24.4 20.1 30.1

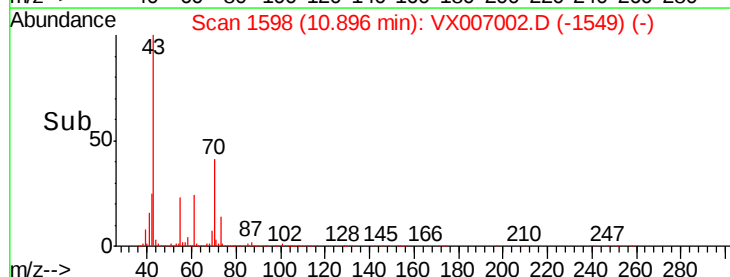
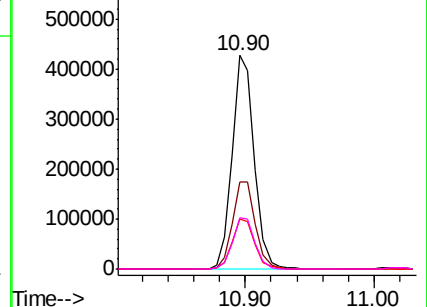


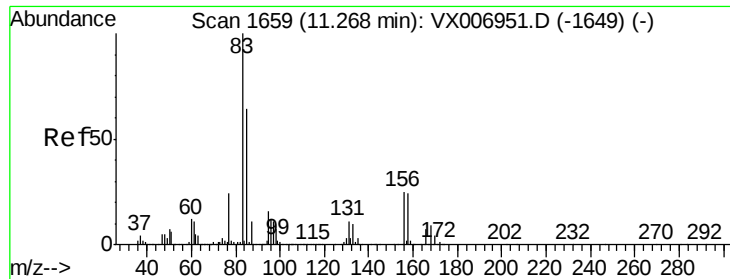
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.754 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

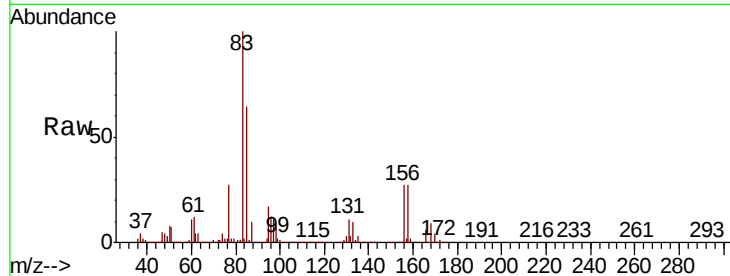
Tgt Ion: 83 Resp: 398566

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.1

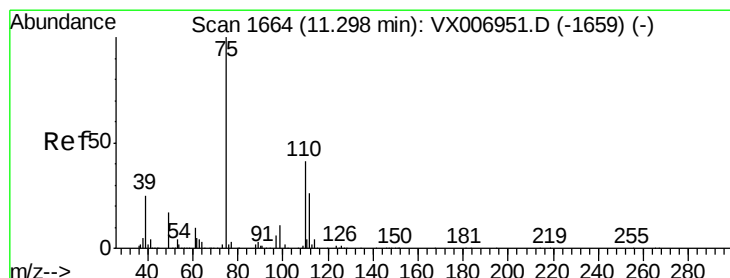
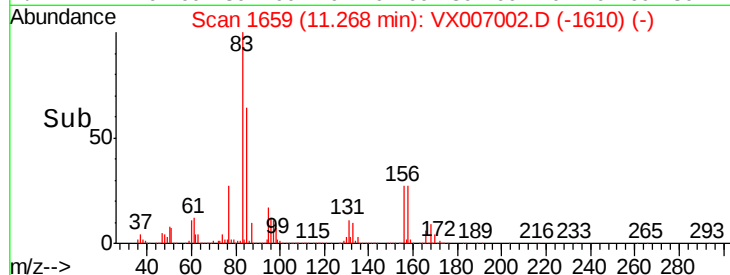
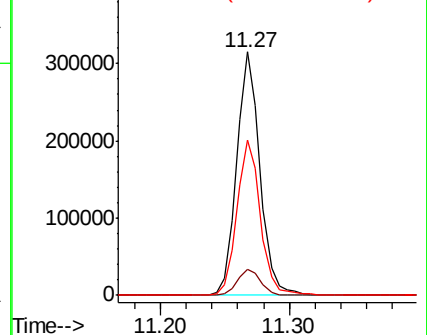
85 64.3 32.2 96.6



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: 60.216 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX007002.D

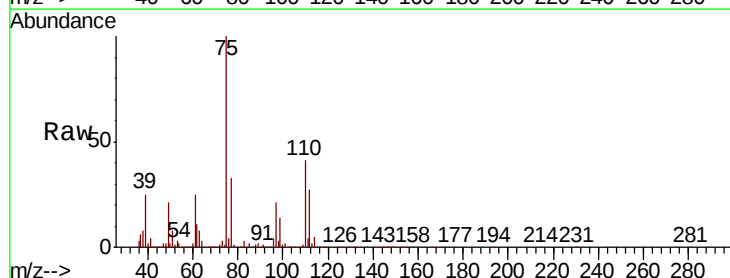
Acq: 10 Jan 2019 20:40

Tgt Ion: 75 Resp: 445616

Ion Ratio Lower Upper

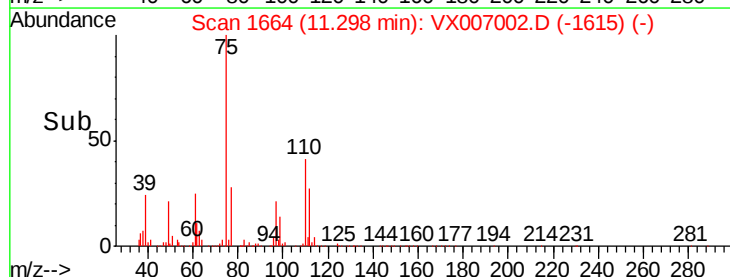
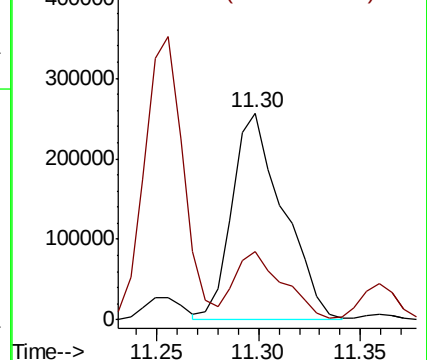
75 100

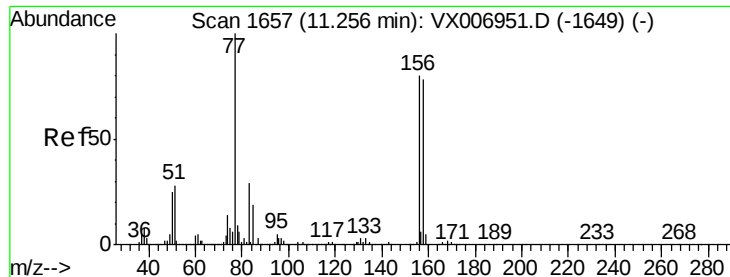
77 31.4 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.625 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

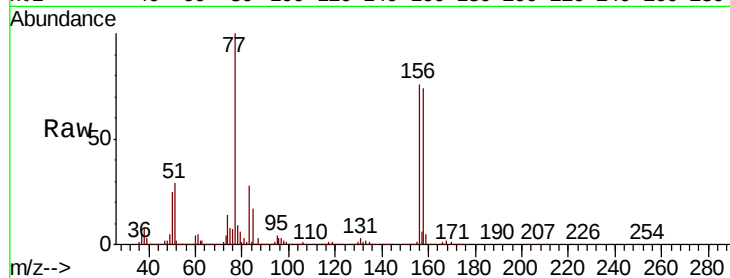
Tgt Ion:156 Resp: 337911

Ion Ratio Lower Upper

156 100

77 136.7 68.0 204.0

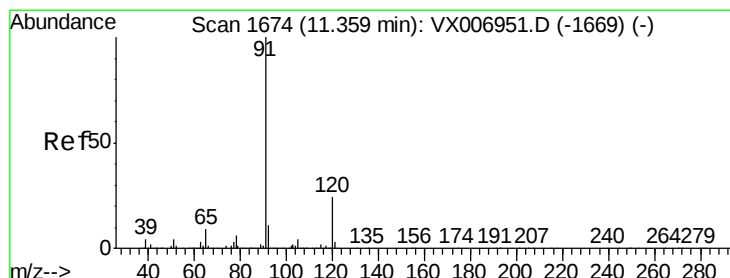
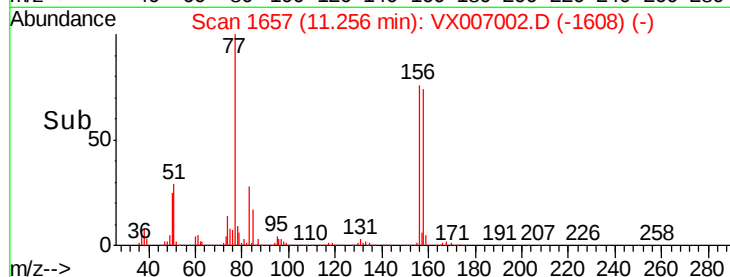
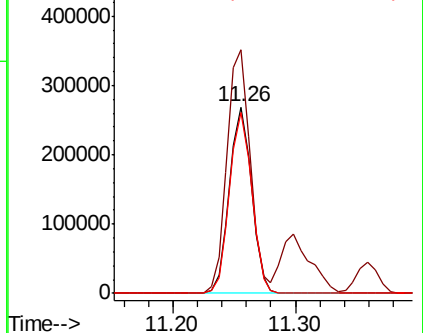
158 97.4 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.918 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007002.D

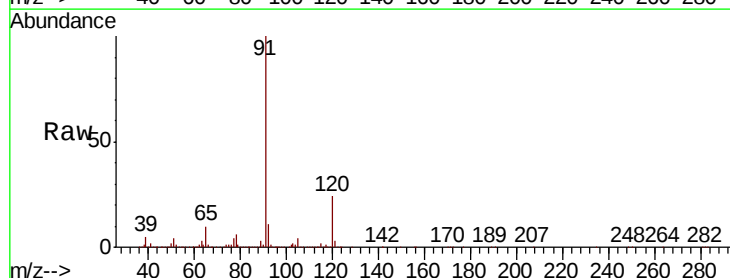
Acq: 10 Jan 2019 20:40

Tgt Ion: 91 Resp: 1411112

Ion Ratio Lower Upper

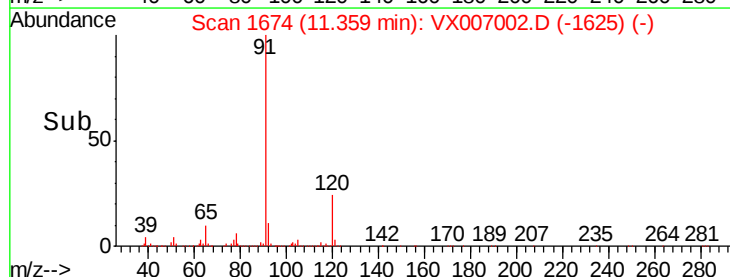
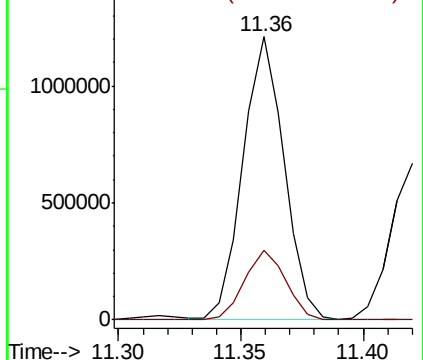
91 100

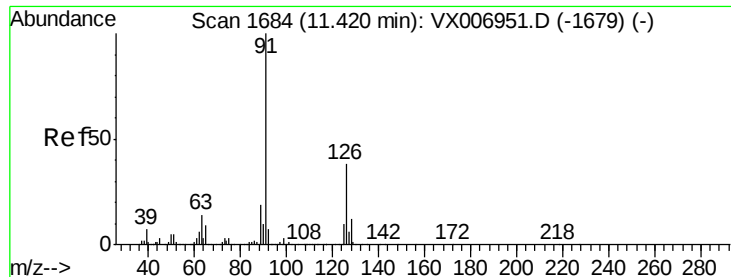
120 24.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.274 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

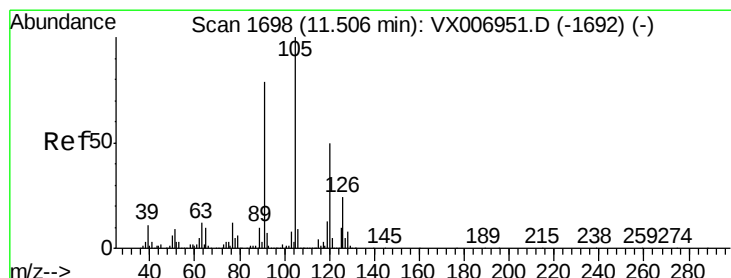
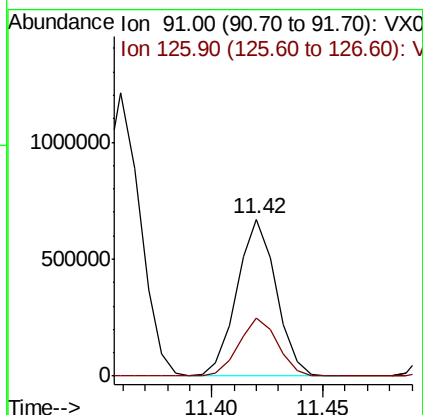
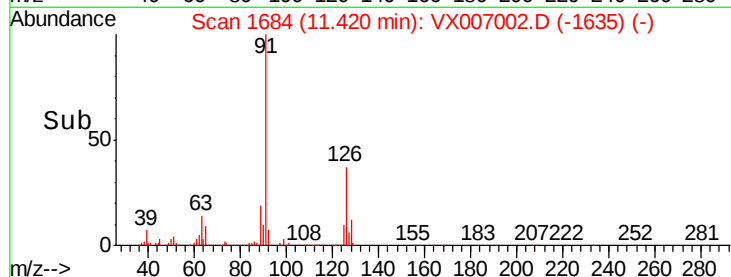
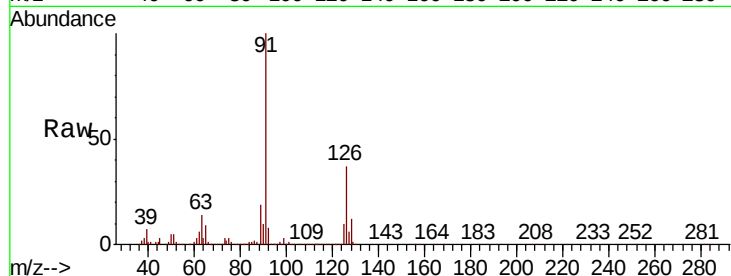
VSTDCCC050EC

Tgt Ion: 91 Resp: 821467

Ion Ratio Lower Upper

91 100

126 36.9 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 48.323 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007002.D

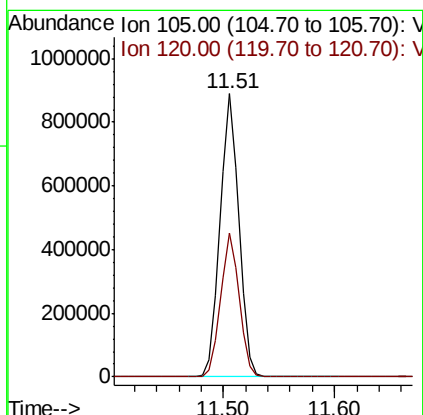
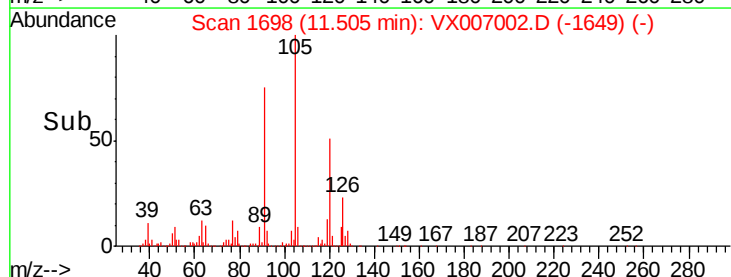
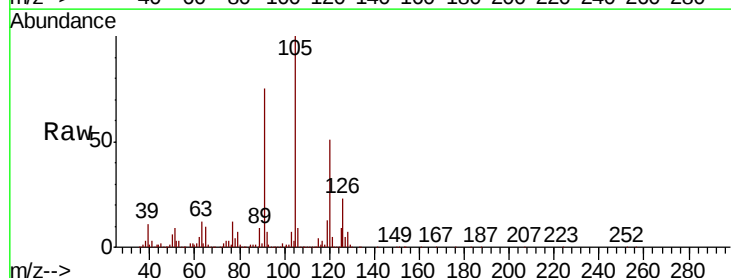
Acq: 10 Jan 2019 20:40

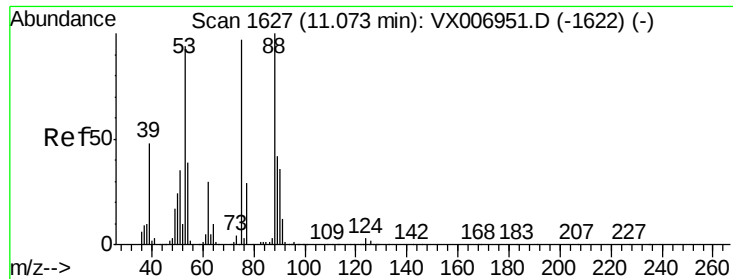
Tgt Ion: 105 Resp: 1039756

Ion Ratio Lower Upper

105 100

120 50.3 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 43.646 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

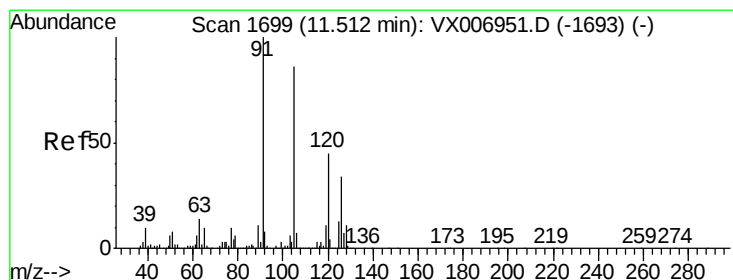
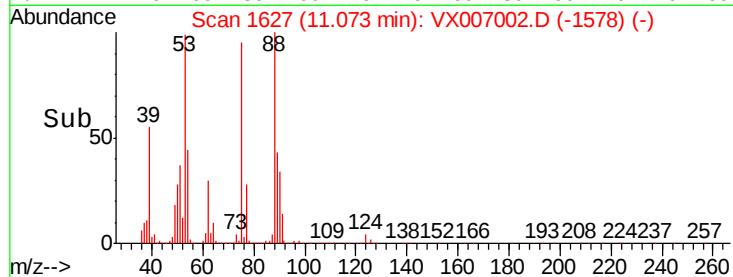
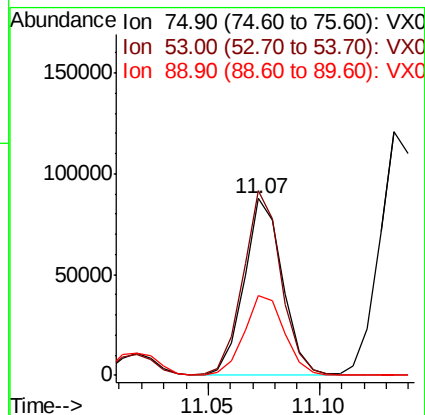
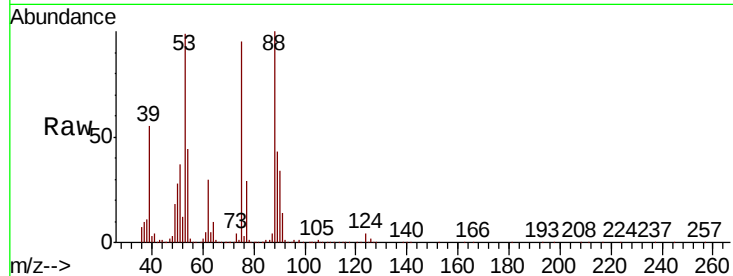
Tgt Ion: 75 Resp: 105752

Ion Ratio Lower Upper

75 100

53 102.3 79.7 119.5

89 47.5 38.0 57.0



#82

4-Chlorotoluene

Concen: 47.934 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007002.D

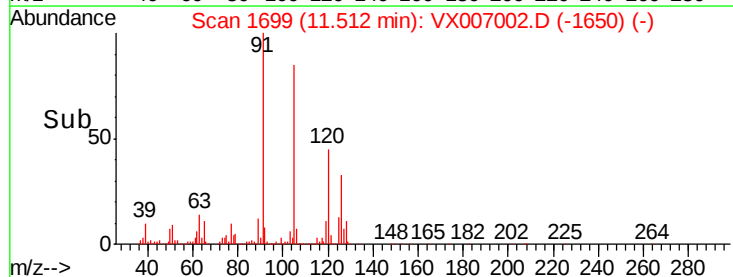
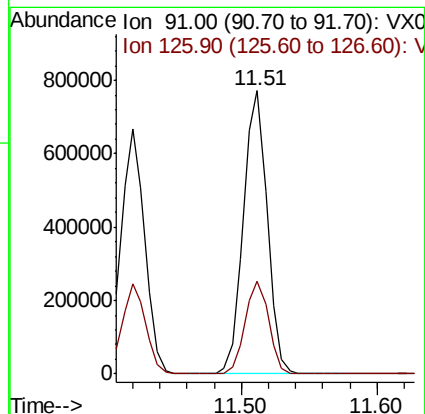
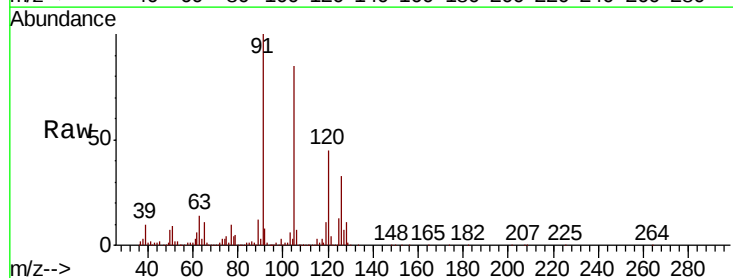
Acq: 10 Jan 2019 20:40

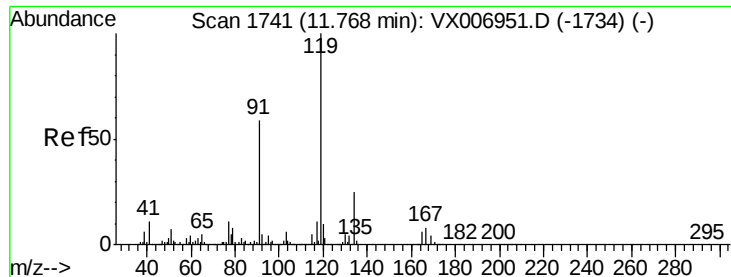
Tgt Ion: 91 Resp: 944425

Ion Ratio Lower Upper

91 100

126 32.7 16.3 48.9

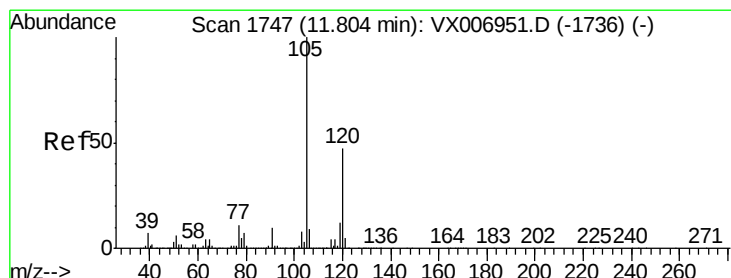
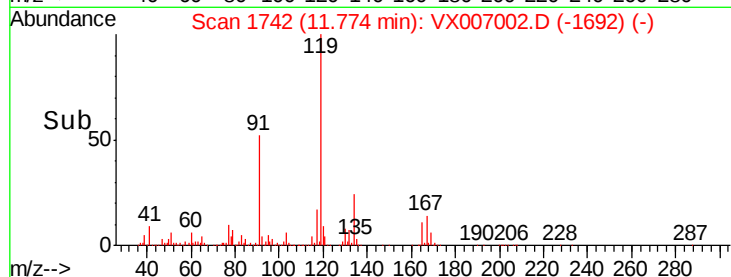
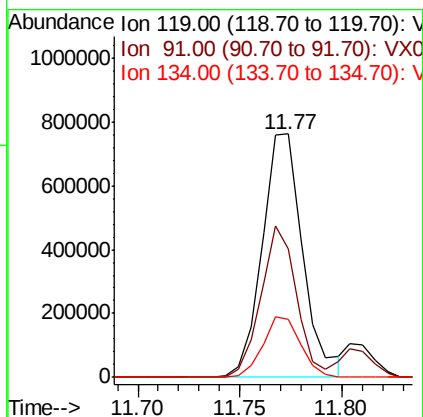
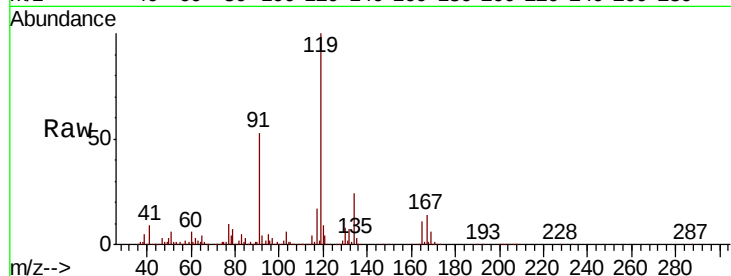




#83
tert-Butylbenzene
Concen: 49.284 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.01 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

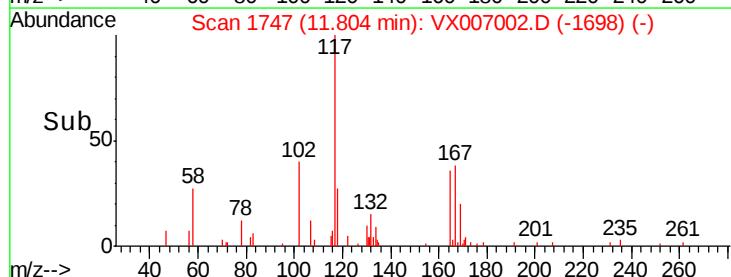
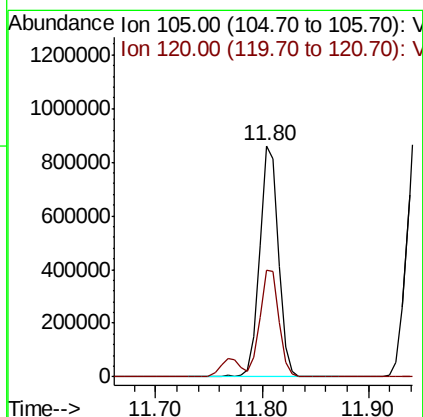
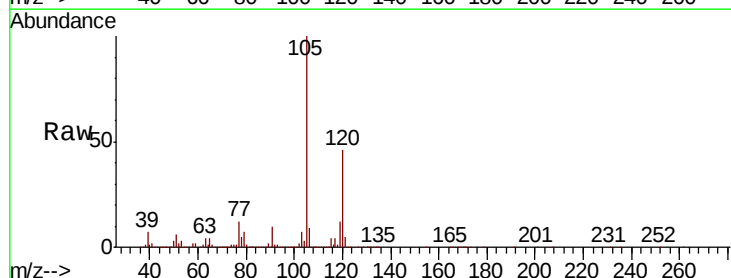
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

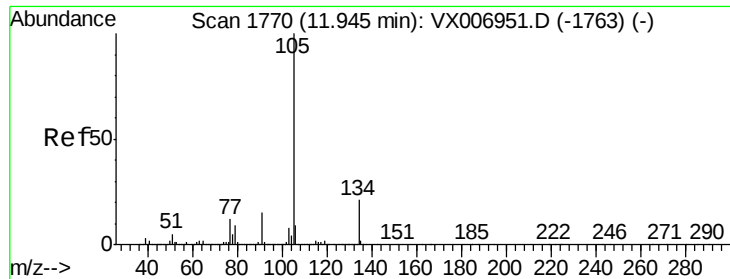
Tgt Ion:119 Resp: 1058017
Ion Ratio Lower Upper
119 100
91 54.5 27.7 83.1
134 23.5 11.9 35.5



#84
1,2,4-Trimethylbenzene
Concen: 49.275 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

Tgt Ion:105 Resp: 1066148
Ion Ratio Lower Upper
105 100
120 46.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 48.956 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

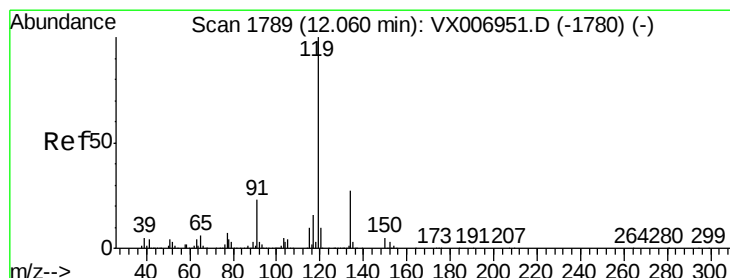
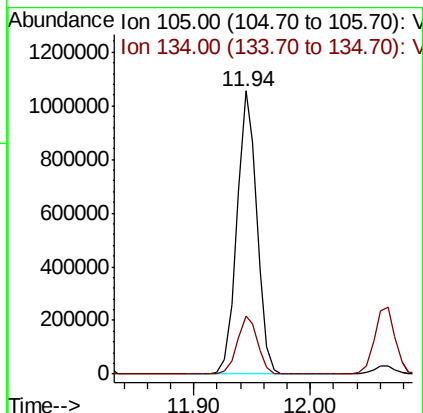
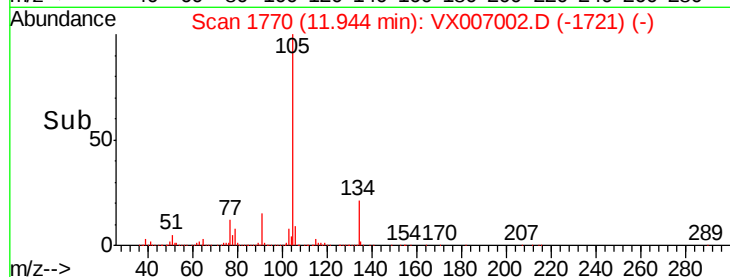
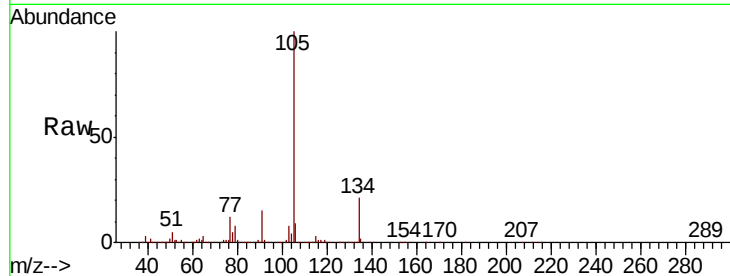
VSTDCCC050EC

Tgt Ion:105 Resp: 1255140

Ion Ratio Lower Upper

105 100

134 21.1 10.7 31.9



#86

p-Isopropyltoluene

Concen: 49.379 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

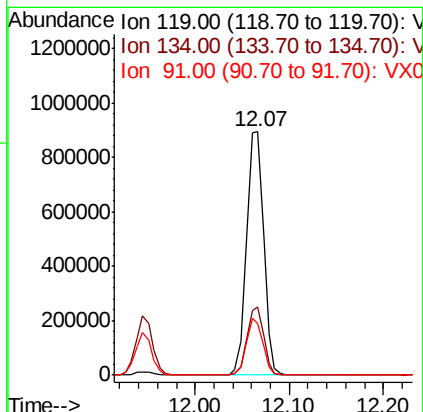
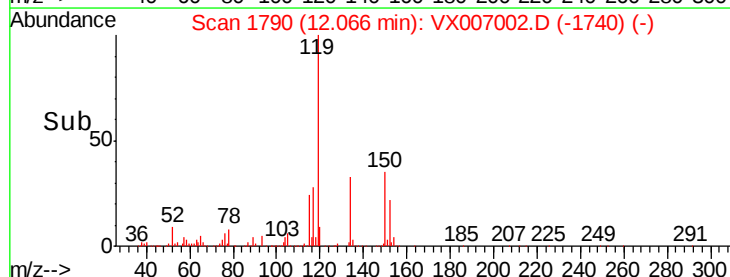
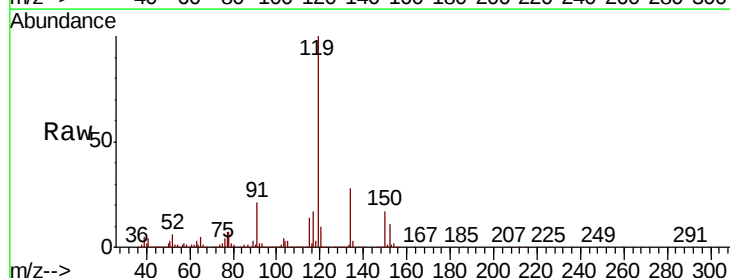
Tgt Ion:119 Resp: 1132407

Ion Ratio Lower Upper

119 100

134 27.4 14.0 41.9

91 22.5 11.3 33.9

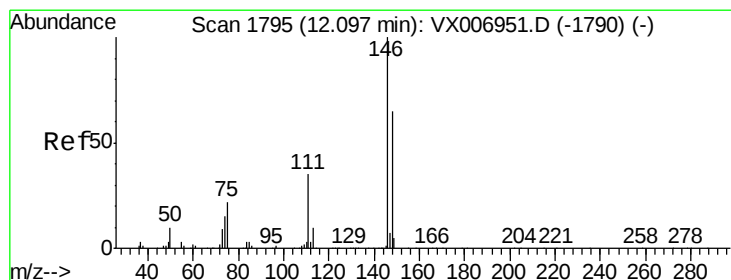
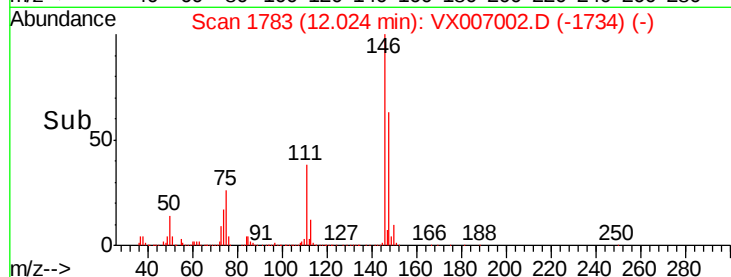
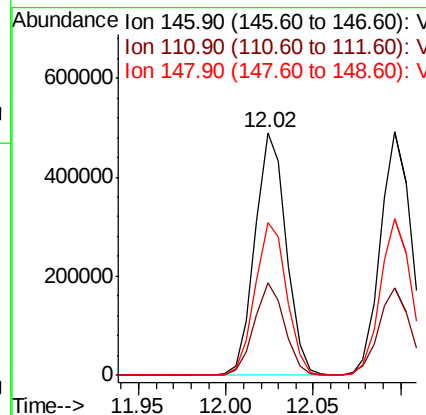
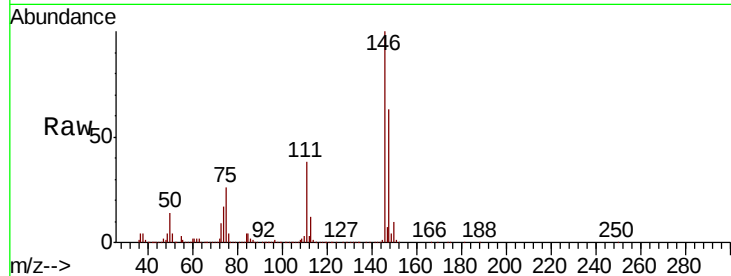




#87
 1,3-Dichlorobenzene
 Concen: 47.364 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007002.D
 Acq: 10 Jan 2019 20:40

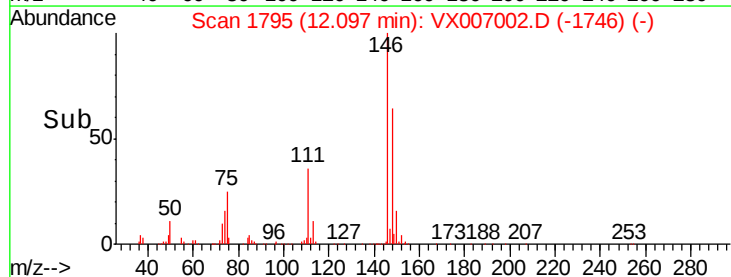
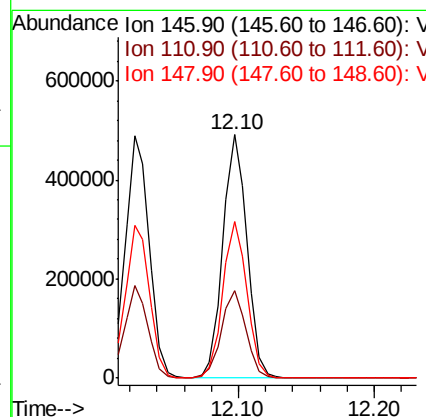
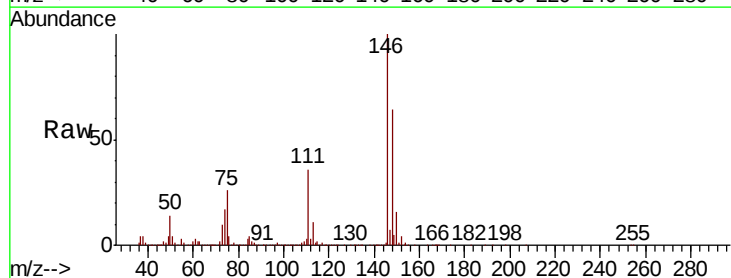
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 607428
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.6 55.8
 148 63.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 49.547 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007002.D
 Acq: 10 Jan 2019 20:40

Tgt Ion:146 Resp: 602029
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.1 54.1
 148 64.2 31.9 95.9

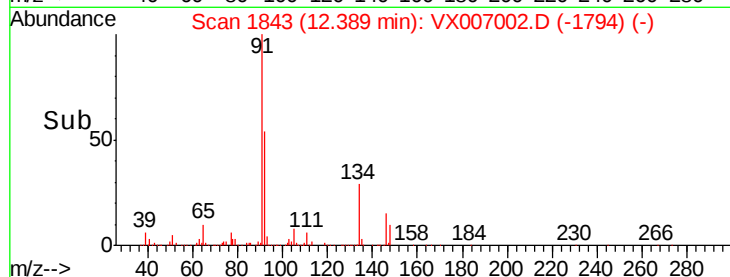
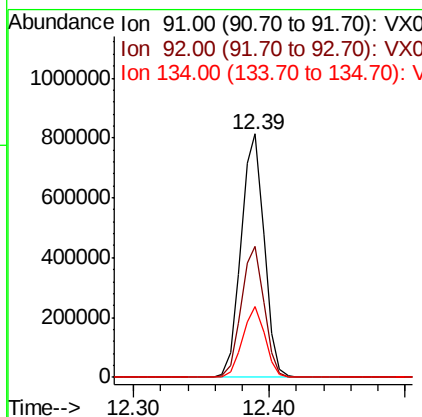
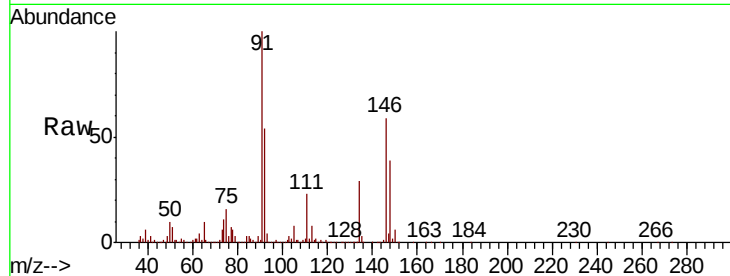




#89
n-Butylbenzene
Concen: 49.170 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

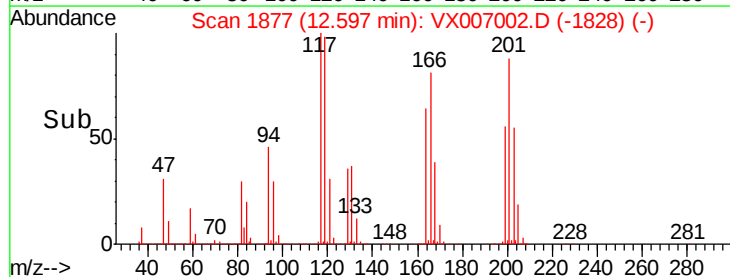
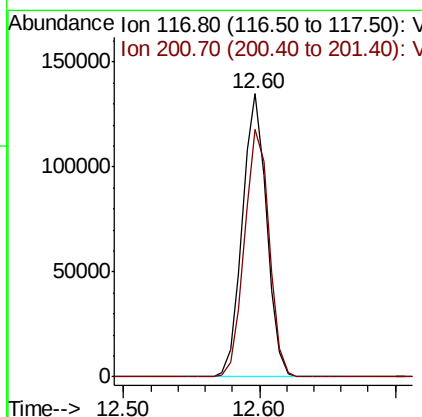
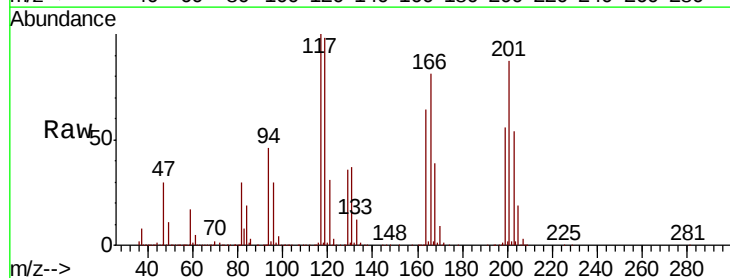
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

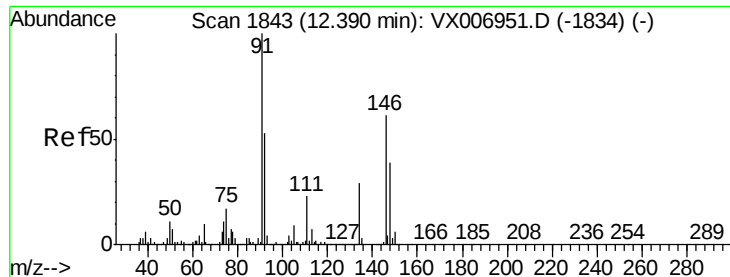
Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.8	80.4
134	28.2	14.4	43.2



#90
Hexachloroethane
Concen: 46.126 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.8	42.9	128.7





#91

1,2-Dichlorobenzene

Concen: 47.675 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

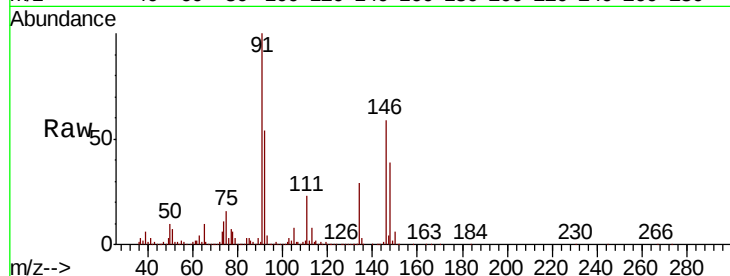
Tgt Ion:146 Resp: 603373

Ion Ratio Lower Upper

146 100

111 38.3 19.4 58.2

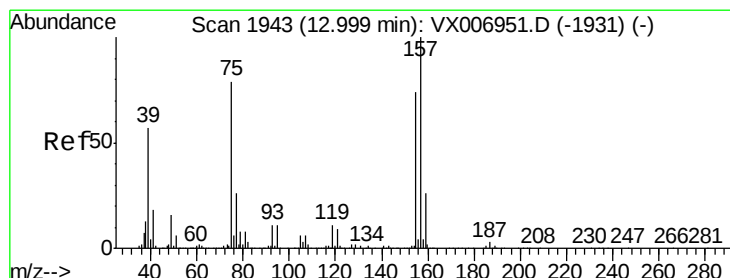
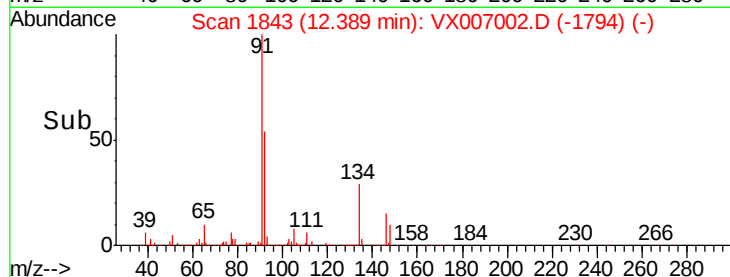
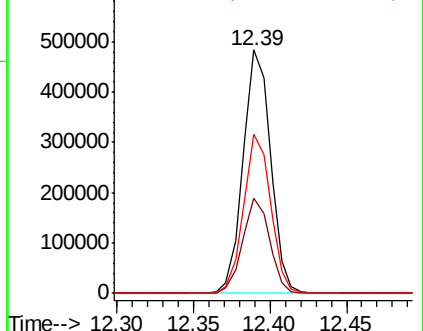
148 64.4 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.613 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007002.D

Acq: 10 Jan 2019 20:40

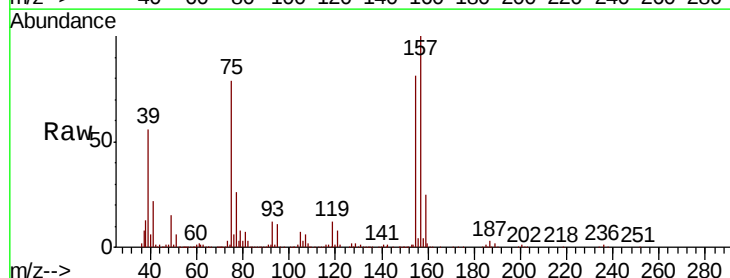
Tgt Ion: 75 Resp: 81831

Ion Ratio Lower Upper

75 100

155 105.8 50.6 151.8

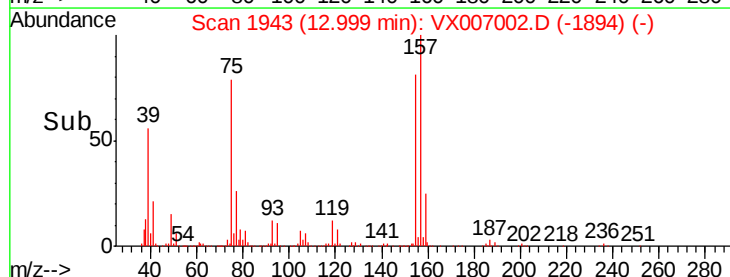
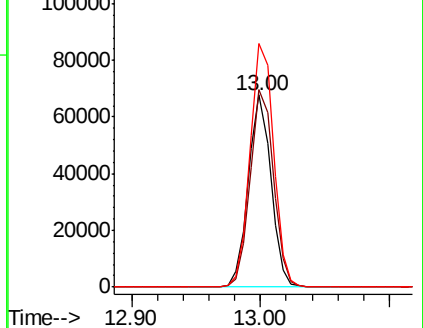
157 131.3 64.6 193.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

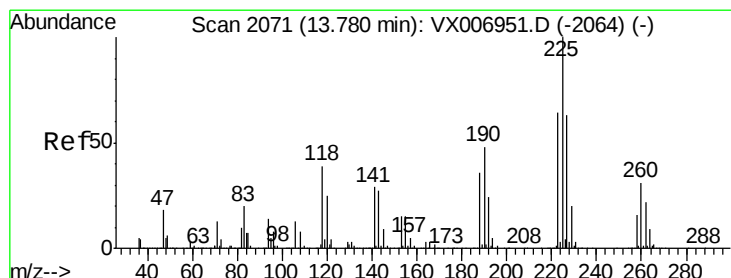
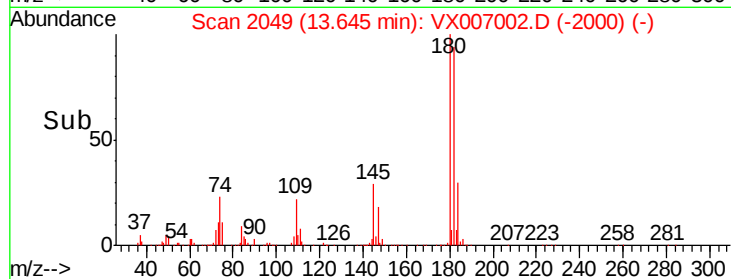
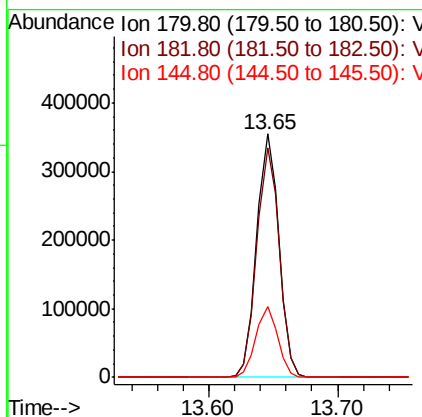
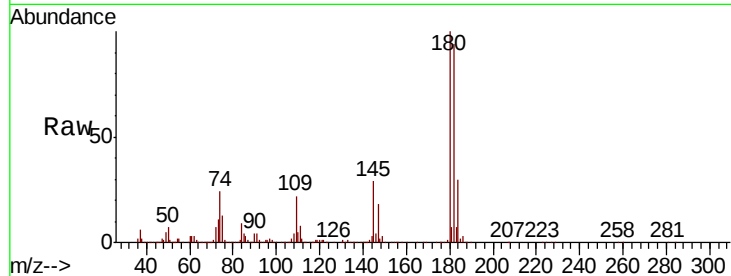




#93
 1,2,4-Trichlorobenzene
 Concen: 48.327 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007002.D
 Acq: 10 Jan 2019 20:40

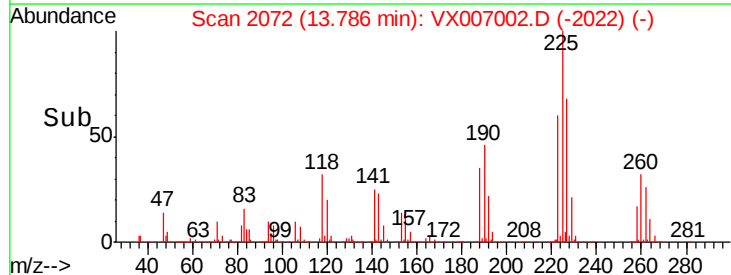
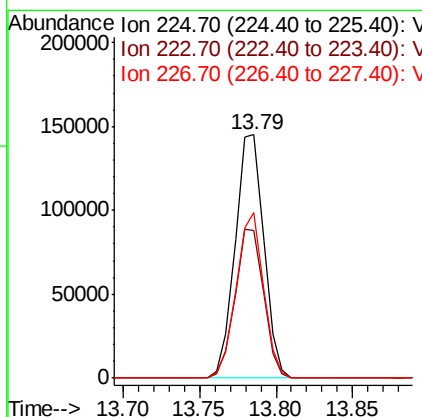
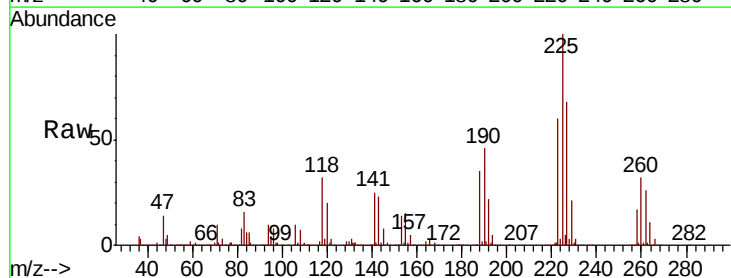
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

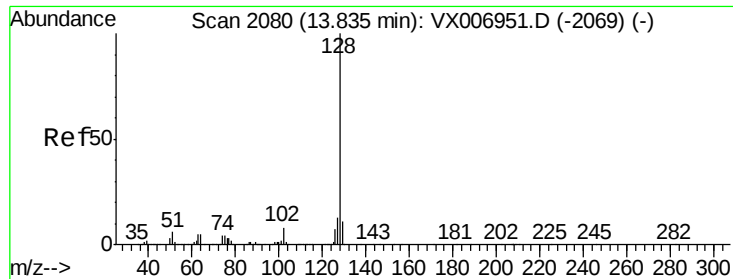
Tgt Ion:180 Resp: 419622
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.3 142.0
 145 28.8 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 48.964 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX007002.D
 Acq: 10 Jan 2019 20:40

Tgt Ion:225 Resp: 188669
 Ion Ratio Lower Upper
 225 100
 223 61.1 32.1 96.3
 227 64.4 32.3 96.8

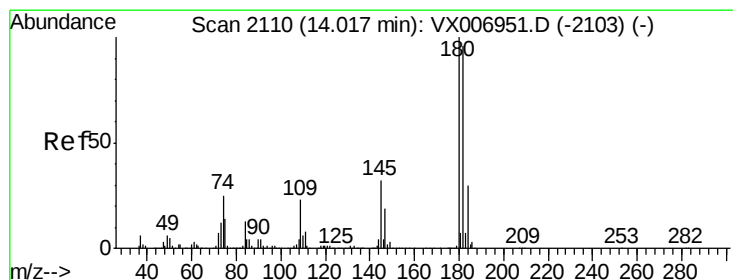
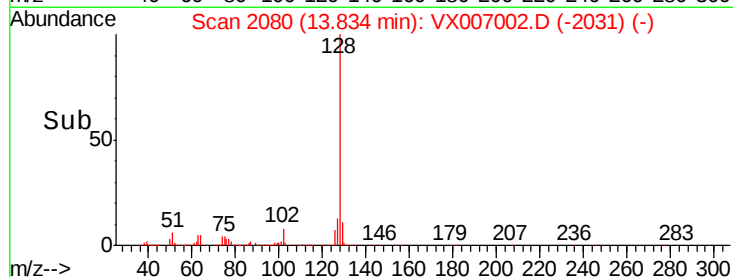
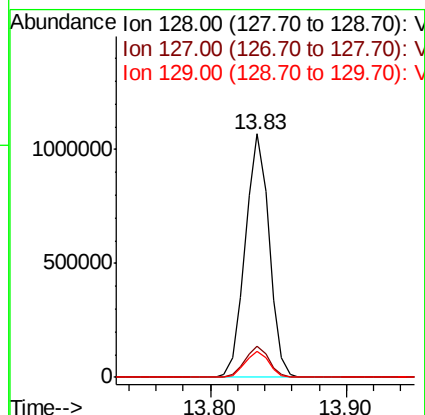
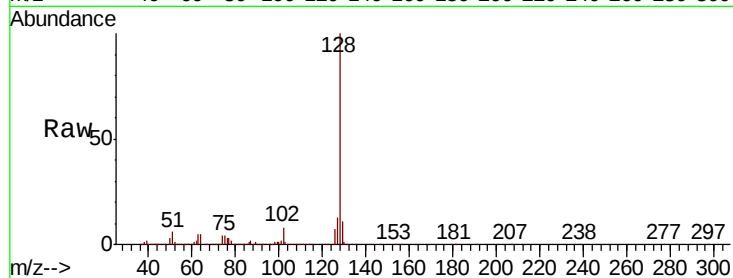




#95
Naphthalene
Concen: 49.794 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 1310146
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.445 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007002.D
Acq: 10 Jan 2019 20:40

Tgt Ion:180 Resp: 417866
Ion Ratio Lower Upper
180 100
182 95.6 48.5 145.5
145 30.7 16.0 47.9

