

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020619\
 Data File : VX007390.D
 Acq On : 06 Feb 2019 10:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 06 23:58:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	544002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	749449	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	694172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	403179	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	290900	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	5.50	113	257668	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
50) Toluene-d8	8.71	98	968685	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
62) 4-Bromofluorobenzene	11.14	95	369129	55.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	348265	52.090	ug/l	98
3) Chloromethane	1.33	50	301660	49.231	ug/l	98
4) Vinyl Chloride	1.41	62	300658	50.016	ug/l	99
5) Bromomethane	1.64	94	240014	40.286	ug/l	99
6) Chloroethane	1.71	64	191750	49.311	ug/l	100
7) Trichlorofluoromethane	1.88	101	389901	41.463	ug/l	97
8) Diethyl Ether	2.20	74	183721	51.908	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.35	101	297424	53.173	ug/l	98
10) Methyl Iodide	2.49	142	398498	48.430	ug/l	99
11) Tert butyl alcohol	3.21	59	349695	292.641	ug/l #	1
12) 1,1-Dichloroethene	2.35	96	263966	50.820	ug/l	98
13) Acrolein	2.31	56	155157	276.893	ug/l	99
14) Allyl chloride	2.71	41	456254	53.910	ug/l	98
15) Acrylonitrile	3.17	53	762559	257.962	ug/l	99
16) Acetone	2.48	43	674985	255.195	ug/l	99
17) Carbon Disulfide	2.54	76	640715	47.293	ug/l	100
18) Methyl Acetate	2.79	43	420704	60.915	ug/l	98
19) Methyl tert-butyl Ether	3.22	73	890422	52.915	ug/l	98
20) Methylene Chloride	2.85	84	281681	52.155	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	268725	48.567	ug/l	97
22) Diisopropyl ether	3.89	45	807460	51.869	ug/l	94
23) Vinyl Acetate	3.82	43	3407271	263.757	ug/l	100
24) 1,1-Dichloroethane	3.69	63	487163	54.492	ug/l	98
25) 2-Butanone	4.73	43	939026	249.467	ug/l	100
26) 2,2-Dichloropropane	4.57	77	373226	54.819	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	286109	47.342	ug/l	97
28) Bromochloromethane	5.01	49	218953	53.257	ug/l	96
29) Tetrahydrofuran	5.17	42	621679	262.602	ug/l	98
30) Chloroform	5.21	83	466372	49.993	ug/l	100
31) Cyclohexane	5.56	56	409527	51.004	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	409377	51.988	ug/l	99
36) 1,1-Dichloropropene	5.79	75	346919	51.591	ug/l	99
37) Ethyl Acetate	4.87	43	362882	53.385	ug/l	100
38) Carbon Tetrachloride	5.77	117	355594	54.508	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	448660	55.147	ug/l	100
40) Benzene	6.13	78	1045768	52.795	ug/l	98
41) Methacrylonitrile	5.07	41	195545	53.675	ug/l	99
42) 1,2-Dichloroethane	6.19	62	349744	51.032	ug/l	99
43) Isopropyl Acetate	6.47	43	568654	54.199	ug/l	99
44) Trichloroethene	7.21	130	306086	51.308	ug/l	99
45) 1,2-Dichloropropane	7.51	63	259713	52.331	ug/l	98
46) Dibromomethane	7.66	93	181097	50.206	ug/l	98
47) Bromodichloromethane	7.90	83	318694	52.132	ug/l	99
48) Methyl methacrylate	7.78	41	292873	55.806	ug/l	99
49) 1,4-Dioxane	7.79	88	136990	1146.777	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1953766	282.870	ug/l	99
52) Toluene	8.78	92	675339	52.844	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	373369	56.860	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	410136	56.796	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	274714	51.568	ug/l	99
56) Ethyl methacrylate	9.18	69	401572	54.427	ug/l	100
57) 1,3-Dichloropropane	9.37	76	443589	52.361	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1385756	356.333	ug/l	99
59) 2-Hexanone	9.51	43	1567009	291.550	ug/l	100
60) Dibromochloromethane	9.59	129	278065	55.191	ug/l	99
61) 1,2-Dibromoethane	9.67	107	295300	52.344	ug/l	99
64) Tetrachloroethene	9.34	164	308701	47.182	ug/l	97
65) Chlorobenzene	10.14	112	769880	50.823	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	278837	54.903	ug/l	100
67) Ethyl Benzene	10.25	91	1292980	53.003	ug/l	99
68) m/p-Xylenes	10.36	106	1036362	106.874	ug/l	99
69) o-Xylene	10.70	106	507571	54.396	ug/l	99
70) Styrene	10.71	104	821615	54.294	ug/l	100
71) Bromoform	10.86	173	222162	49.884	ug/l	100
73) Isopropylbenzene	11.02	105	1355470	49.473	ug/l	99
74) N-amyl acetate	10.90	43	571562	53.935	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	453955	54.367	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	507088	64.660	ug/l	80
77) Bromobenzene	11.26	156	370214	47.958	ug/l	98
78) n-propylbenzene	11.36	91	1536216	51.133	ug/l	100
79) 2-Chlorotoluene	11.42	91	909216	49.875	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1167754	52.097	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	130244	51.221	ug/l	98
82) 4-Chlorotoluene	11.51	91	1076760	51.046	ug/l	99
83) tert-Butylbenzene	11.77	119	1186192	53.451	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1188908	52.245	ug/l	100
85) sec-Butylbenzene	11.94	105	1387647	51.663	ug/l	99
86) p-Isopropyltoluene	12.07	119	1278908	52.747	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	688233	49.677	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	701701	49.923	ug/l	100
89) n-Butylbenzene	12.39	91	1075947	51.586	ug/l	99
90) Hexachloroethane	12.60	117	198771	54.777	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	719812	52.208	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	94376	54.358	ug/l	99

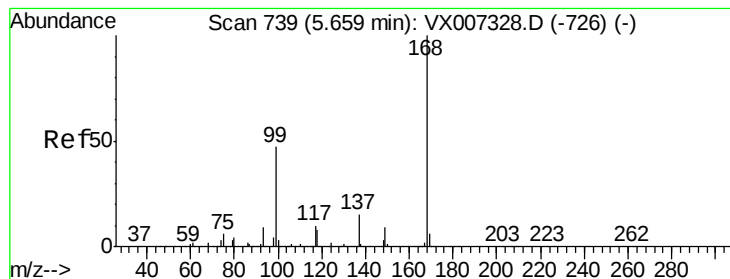
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	508666	54.706	ug/l	100
94) Hexachlorobutadiene	13.78	225	241730	53.540	ug/l	98
95) Naphthalene	13.83	128	1524098	56.052	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	511856	54.689	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

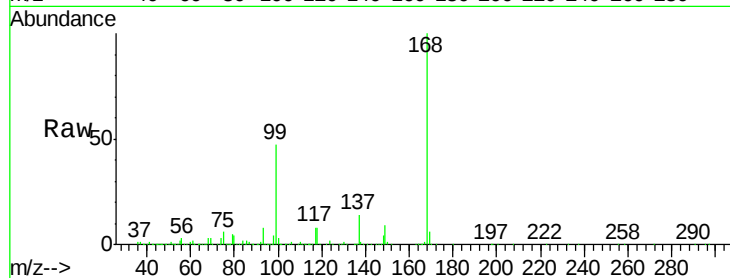
VSTDCCC050

Tot Ion:168 Resp: 544002

Ion Ratio Lower Upper

168 100

99 46.8 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

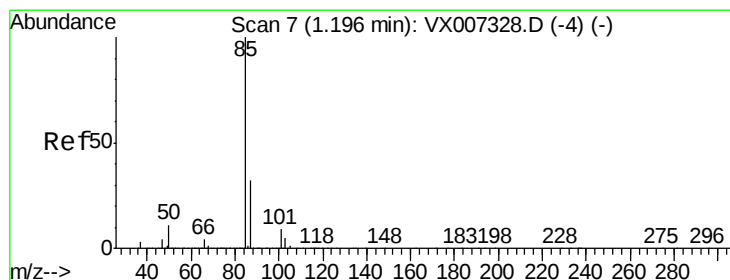
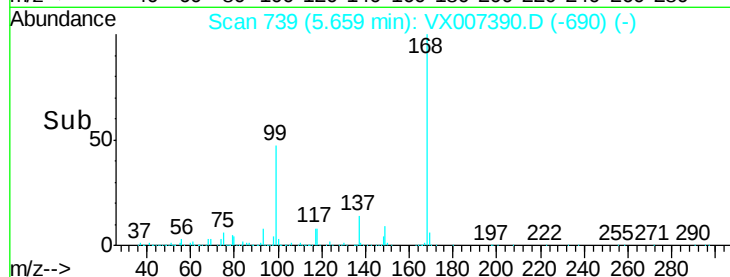
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.090 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007390.D

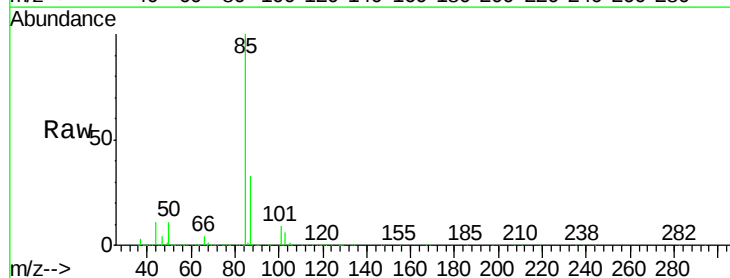
Acq: 06 Feb 2019 10:38

Tgt Ion: 85 Resp: 348265

Ion Ratio Lower Upper

85 100

87 32.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

300000

250000

200000

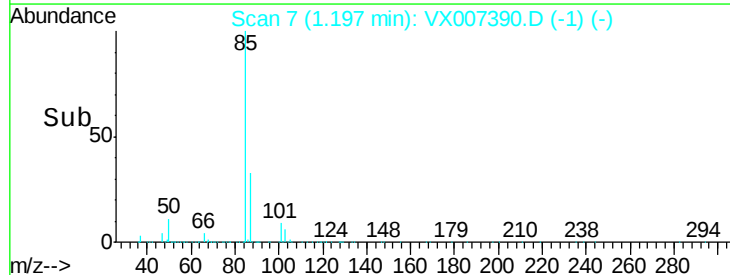
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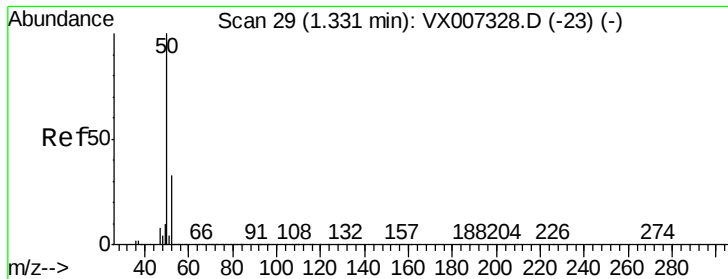
100000

50000

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Time-->





#3

Chloromethane

Concen: 49.231 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

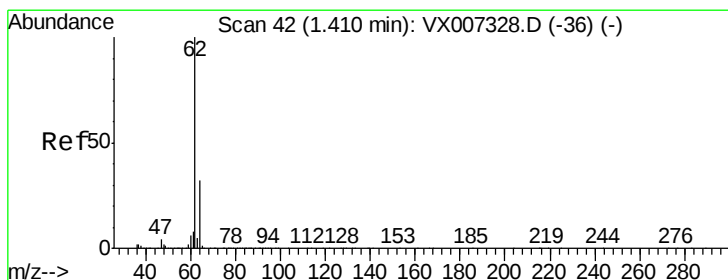
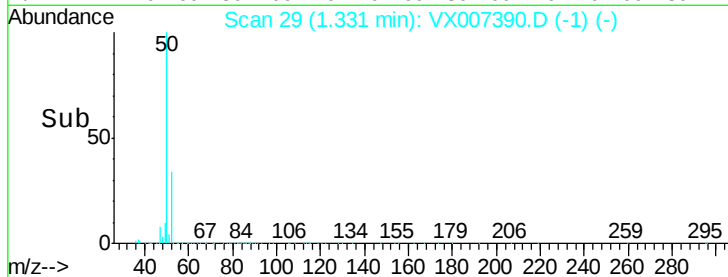
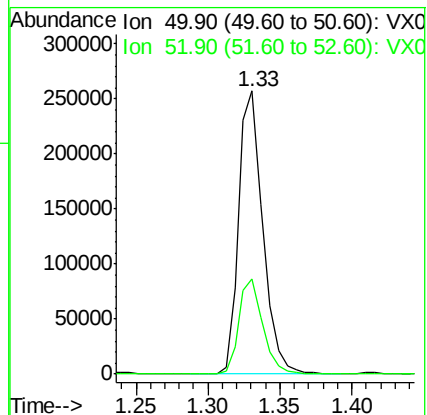
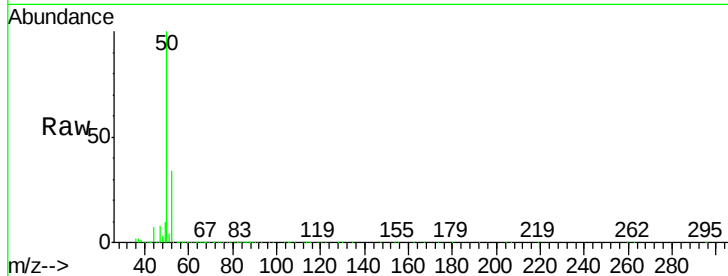
VSTDCCC050

Tot Ion: 50 Resp: 301660

Ion Ratio Lower Upper

50 100

52 33.8 26.1 39.1



#4

Vinyl Chloride

Concen: 50.016 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007390.D

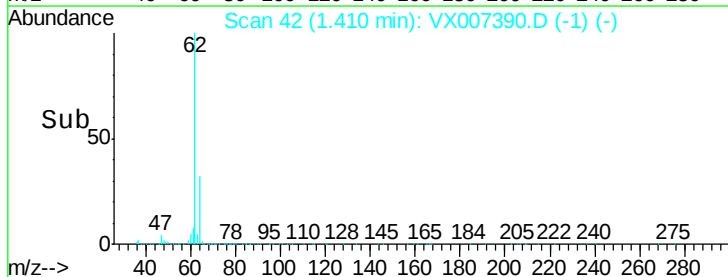
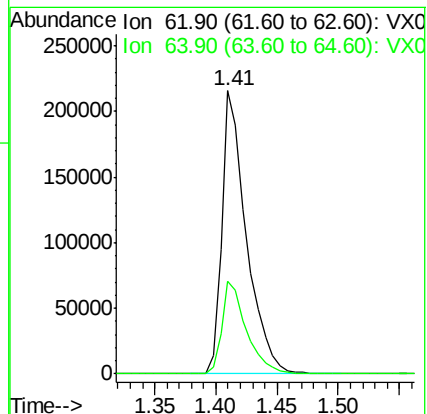
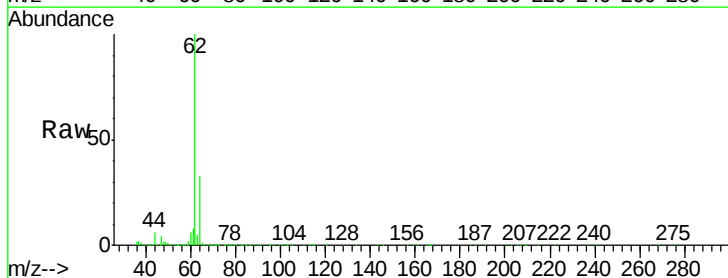
Acq: 06 Feb 2019 10:38

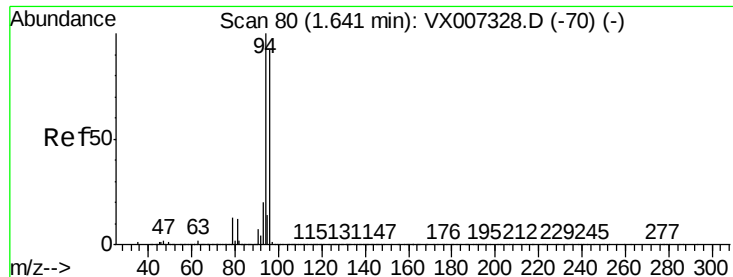
Tgt Ion: 62 Resp: 300658

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.0





#5

Bromomethane

Concen: 40.286 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

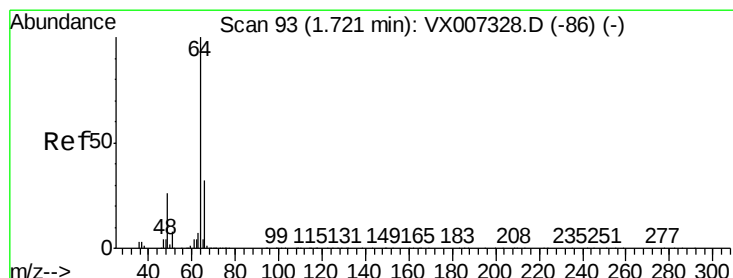
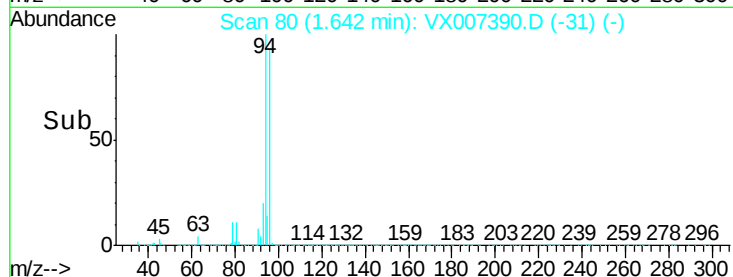
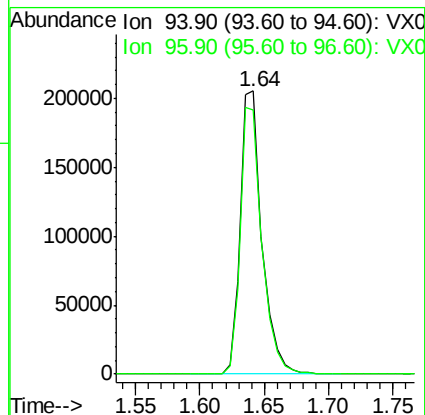
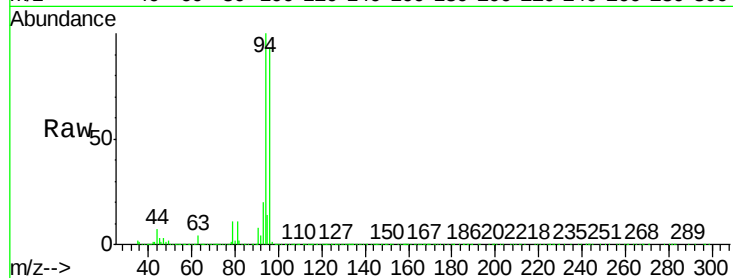
VSTDCCC050

Tot Ion: 94 Resp: 240014

Ion Ratio Lower Upper

94 100

96 93.3 73.9 110.9



#6

Chloroethane

Concen: 49.311 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX007390.D

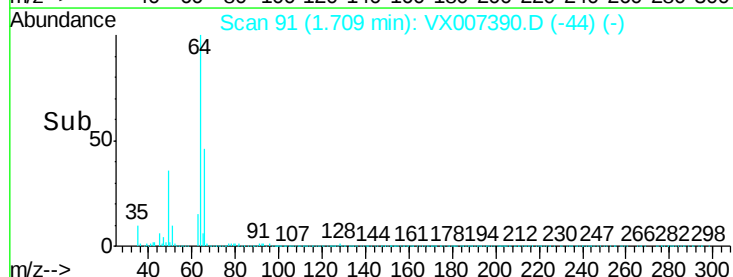
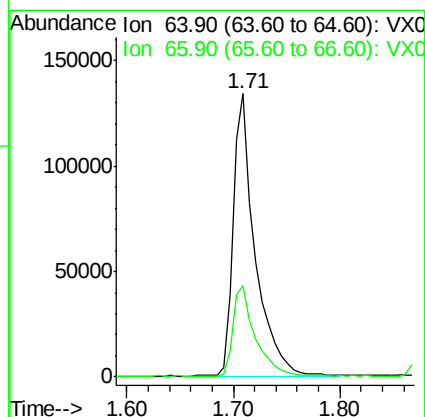
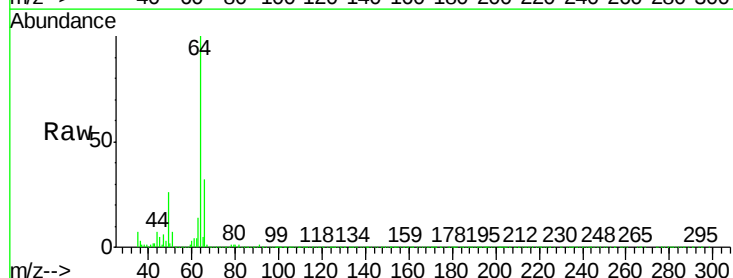
Acq: 06 Feb 2019 10:38

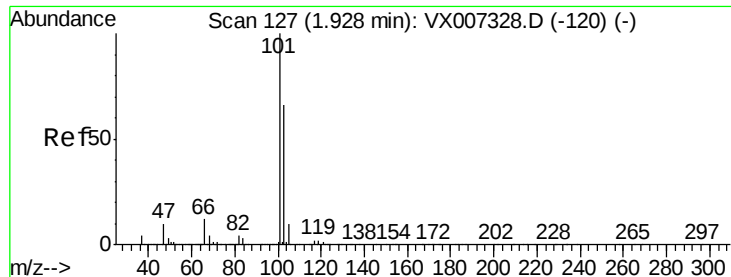
Tgt Ion: 64 Resp: 191750

Ion Ratio Lower Upper

64 100

66 32.1 25.5 38.3



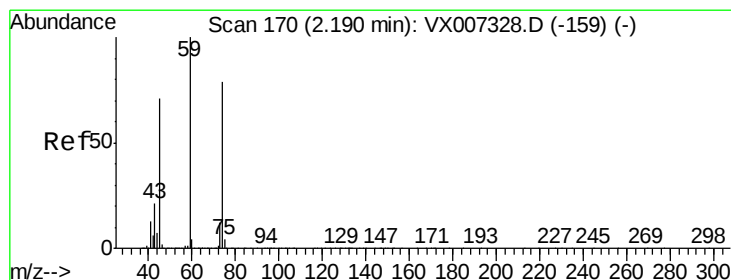
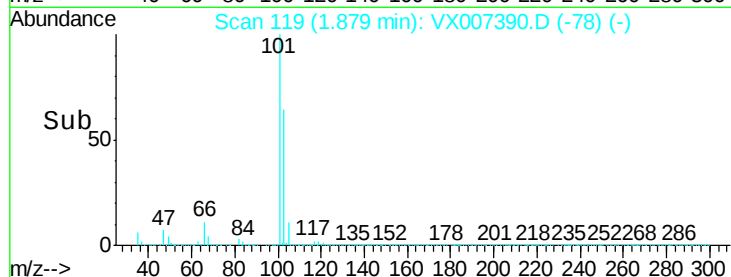
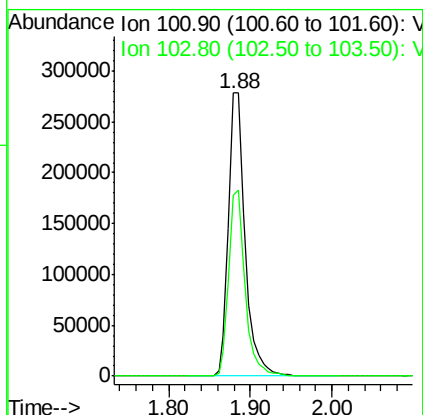
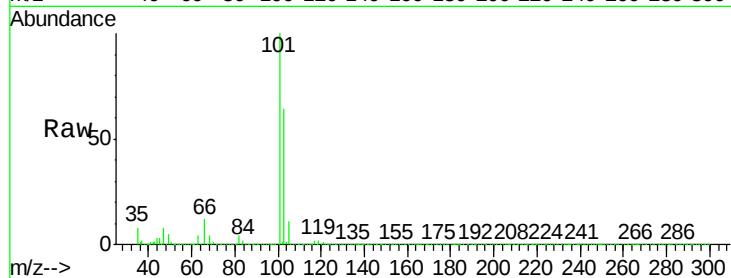


#7

Trichlorofluoromethane
Concen: 41.463 ug/l
RT: 1.88 min Scan# 119
Delta R.T. -0.05 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

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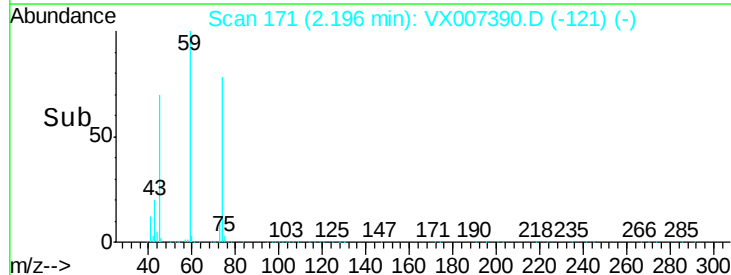
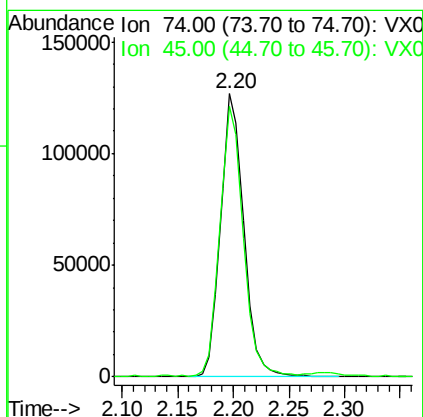
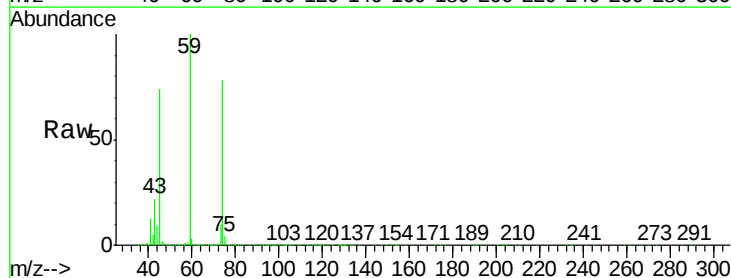
Tot Ion:101 Resp: 389901
Ion Ratio Lower Upper
101 100
103 63.8 52.6 79.0

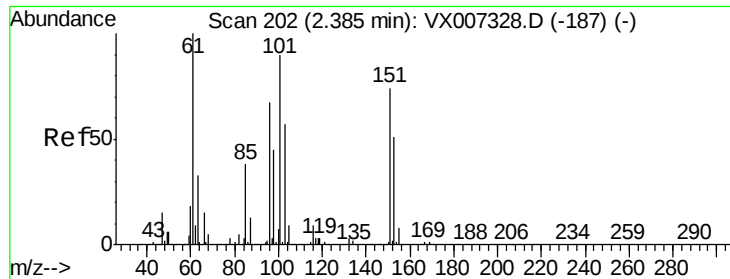


#8

Diethyl Ether
Concen: 51.908 ug/l
RT: 2.20 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Tgt Ion: 74 Resp: 183721
Ion Ratio Lower Upper
74 100
45 95.5 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.173 ug/l

RT: 2.35 min Scan# 197

Delta R.T. -0.03 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

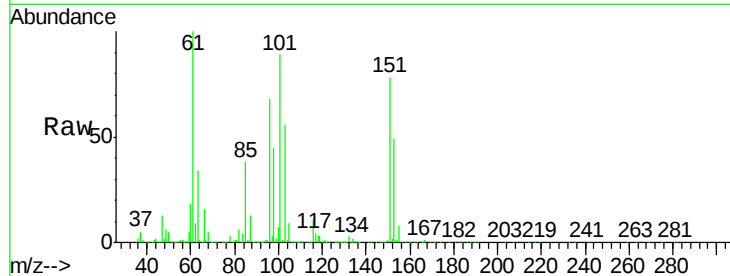
Tot Ion:101 Resp: 297424

Ion Ratio Lower Upper

101 100

85 43.8 34.1 51.1

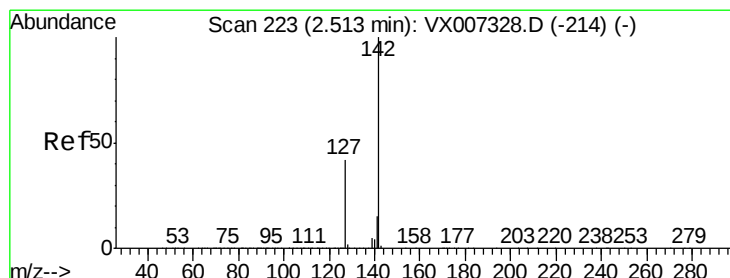
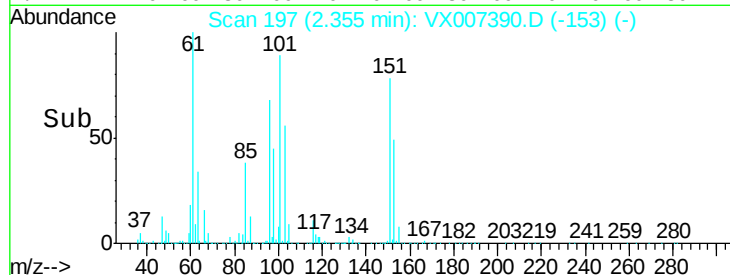
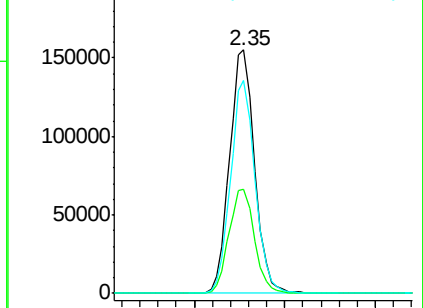
151 85.8 69.9 104.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.430 ug/l

RT: 2.49 min Scan# 219

Delta R.T. -0.02 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

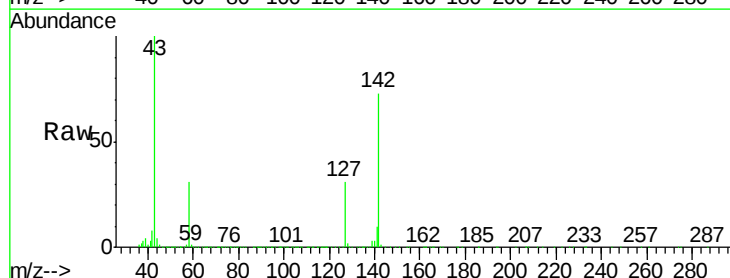
Tgt Ion:142 Resp: 398498

Ion Ratio Lower Upper

142 100

127 42.7 33.7 50.5

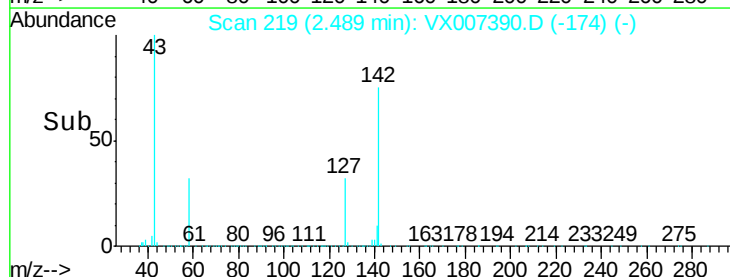
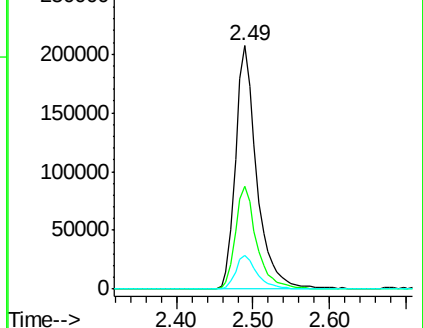
141 14.0 11.3 16.9

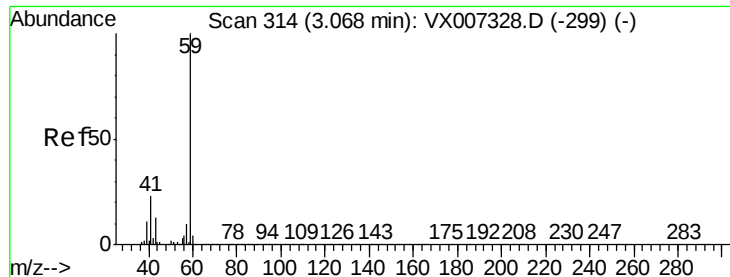


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



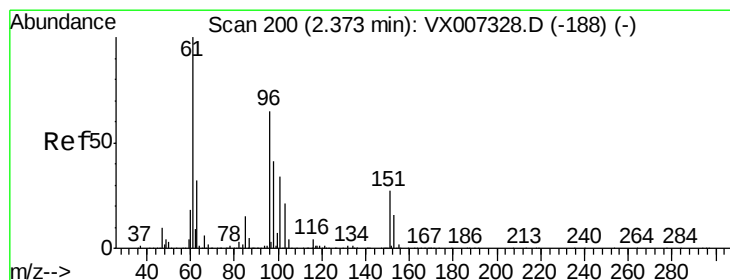
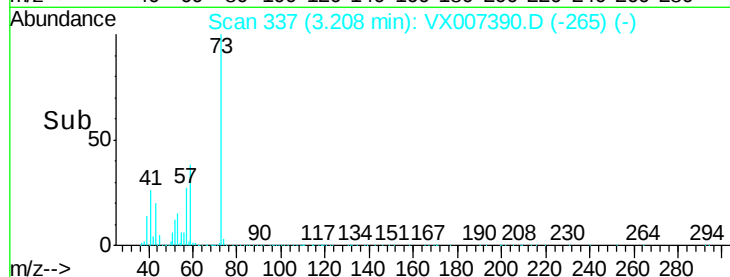
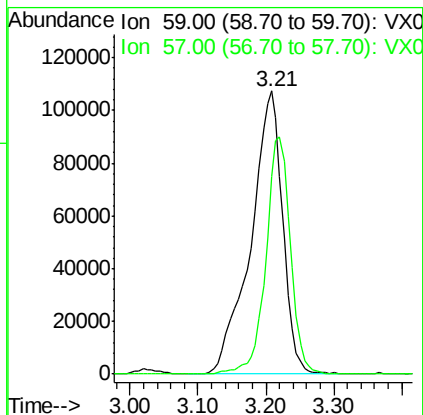
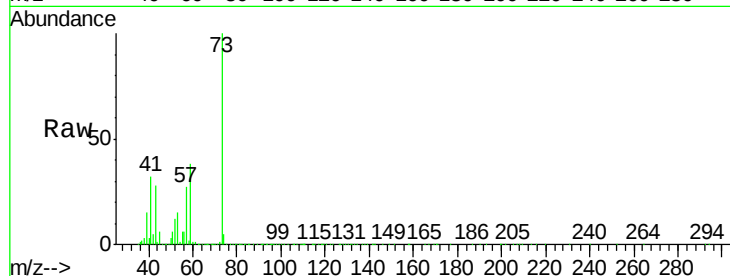


#11

Tert butyl alcohol
Concen: 292.641 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.14 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

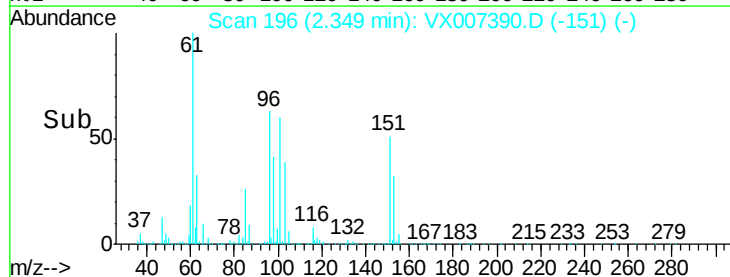
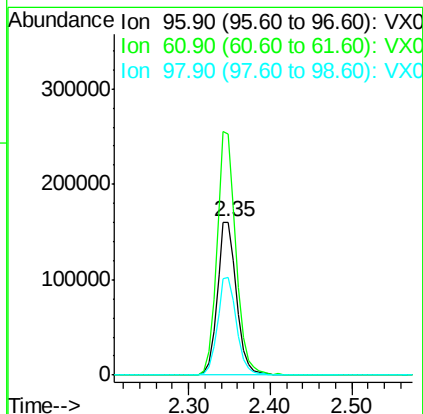
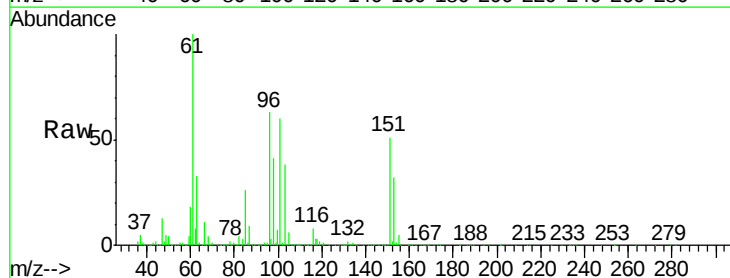
Tot Ion: 59 Resp: 349695
Ion Ratio Lower Upper
59 100
57 64.9 8.1 12.1#

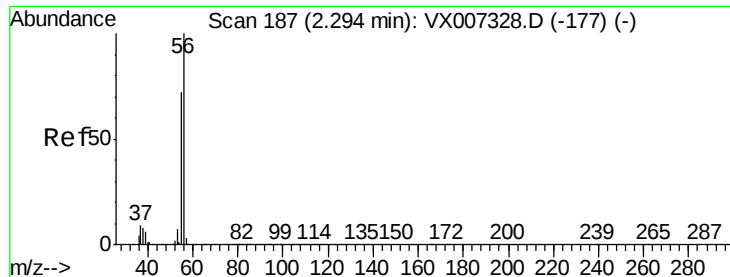


#12

1,1-Dichloroethene
Concen: 50.820 ug/l
RT: 2.35 min Scan# 196
Delta R.T. -0.02 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Tgt Ion: 96 Resp: 263966
Ion Ratio Lower Upper
96 100
61 157.6 123.0 184.4
98 64.1 50.9 76.3

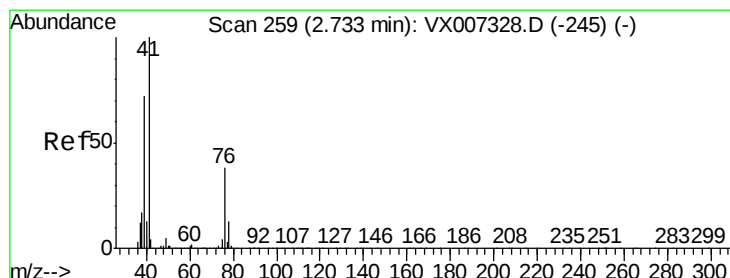
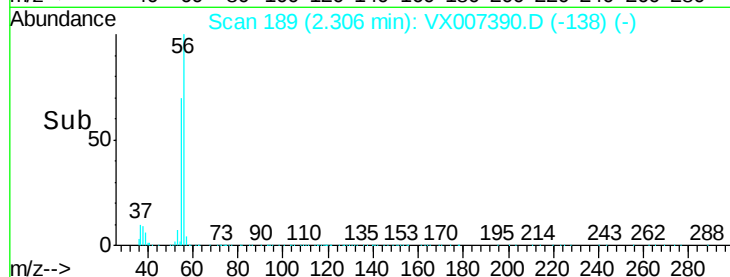
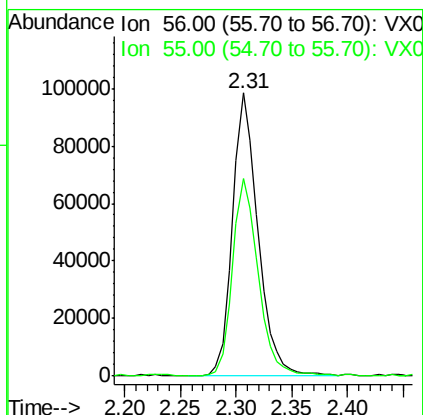
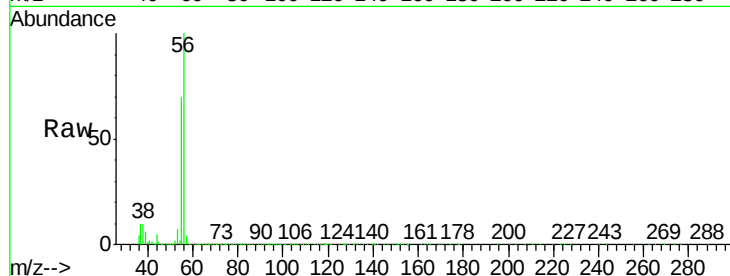




#13
Acrolein
Concen: 276.893 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

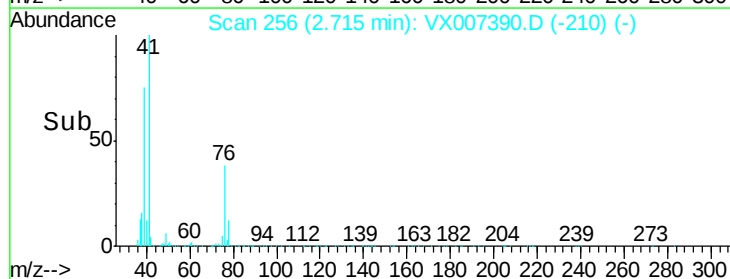
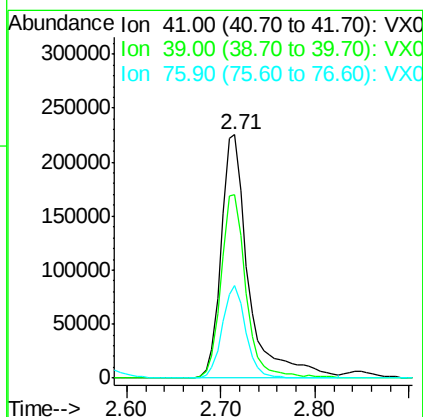
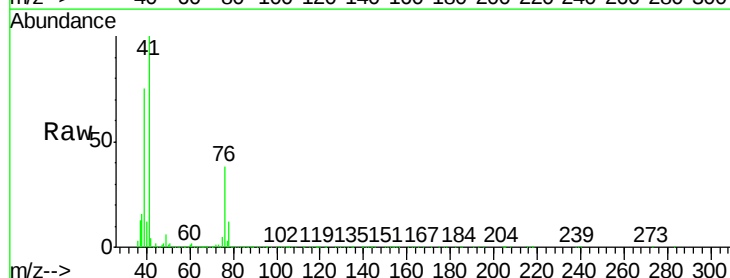
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 155157
Ion Ratio Lower Upper
56 100
55 70.5 56.9 85.3



#14
Allyl chloride
Concen: 53.910 ug/l
RT: 2.71 min Scan# 256
Delta R.T. -0.02 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Tgt Ion: 41 Resp: 456254
Ion Ratio Lower Upper
41 100
39 68.1 54.1 81.1
76 32.0 27.8 41.8





#15

Acrylonitrile

Concen: 257.962 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.02 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

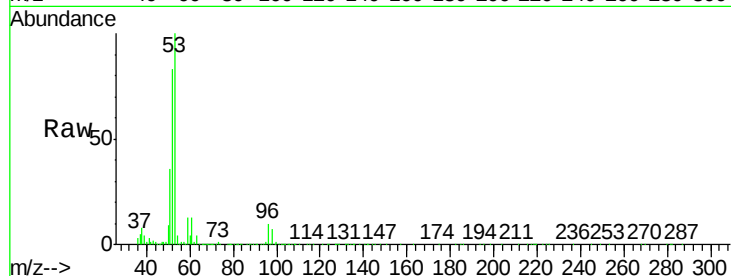
Tot Ion: 53 Resp: 762559

Ion Ratio Lower Upper

53 100

52 82.4 66.4 99.6

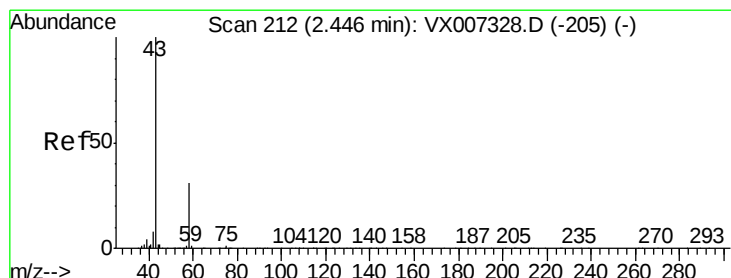
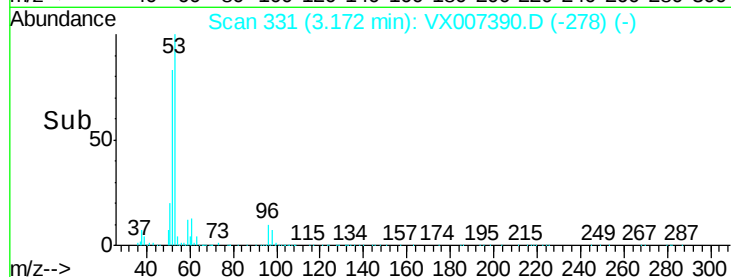
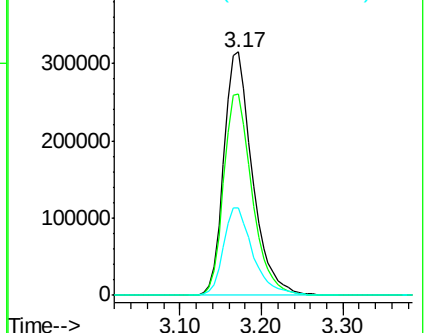
51 36.8 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 255.195 ug/l

RT: 2.48 min Scan# 218

Delta R.T. 0.04 min

Lab File: VX007390.D

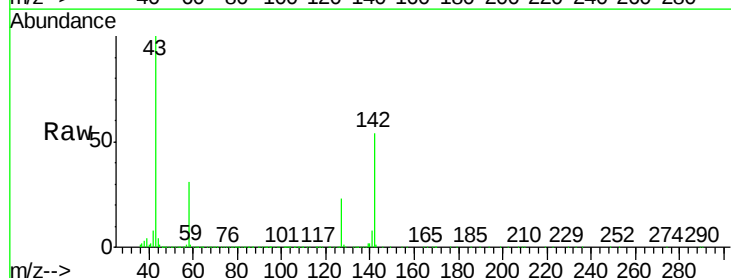
Acq: 06 Feb 2019 10:38

Tgt Ion: 43 Resp: 674985

Ion Ratio Lower Upper

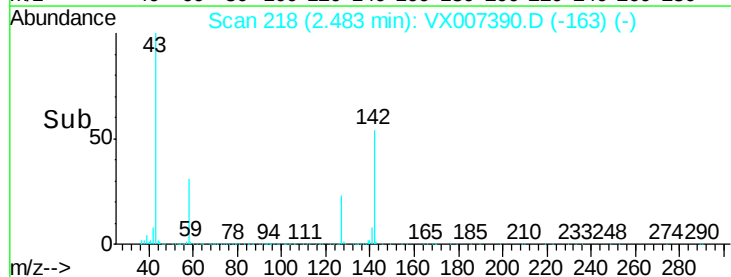
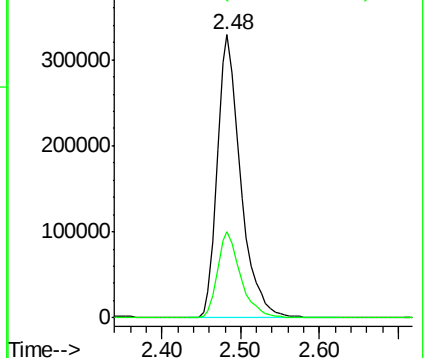
43 100

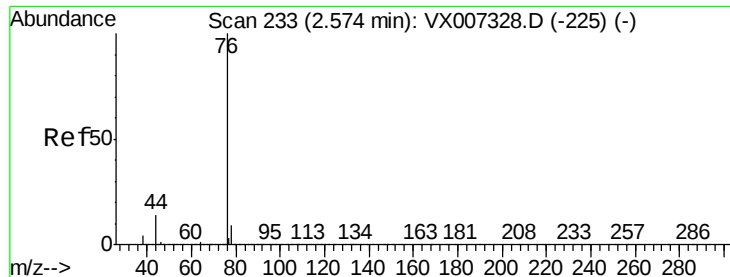
58 30.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 47.293 ug/l

RT: 2.54 min Scan# 227

Delta R.T. -0.04 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

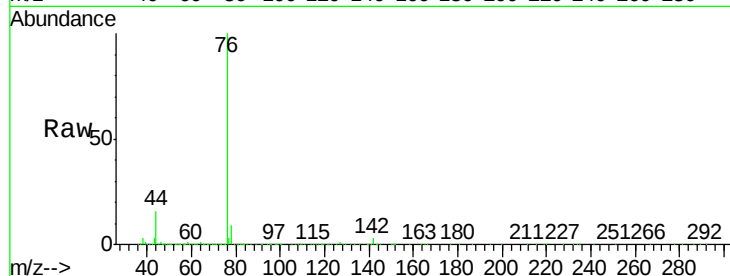
VSTDCCC050

Tot Ion: 76 Resp: 640715

Ion Ratio Lower Upper

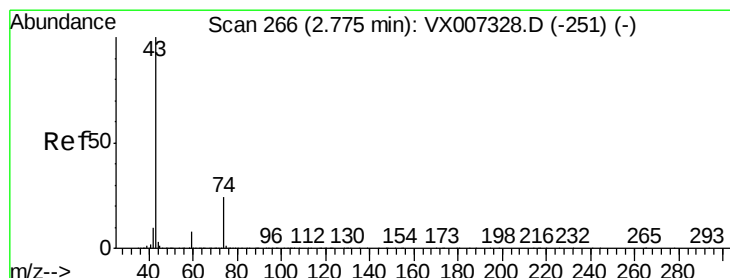
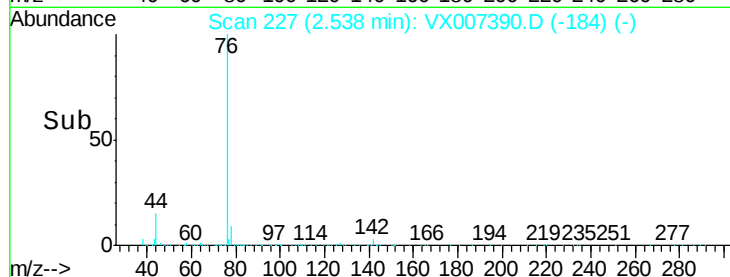
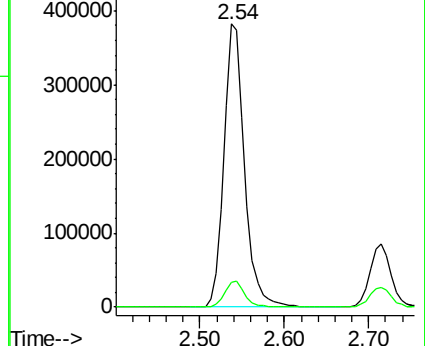
76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 60.915 ug/l

RT: 2.79 min Scan# 269

Delta R.T. 0.02 min

Lab File: VX007390.D

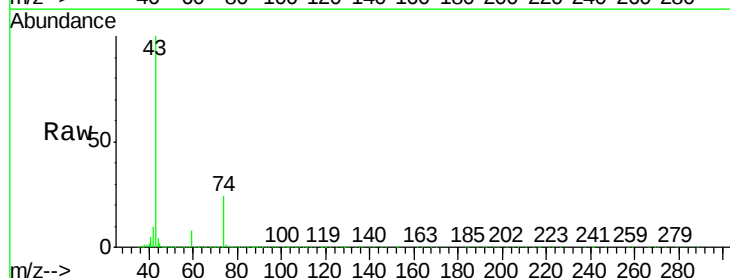
Acq: 06 Feb 2019 10:38

Tgt Ion: 43 Resp: 420704

Ion Ratio Lower Upper

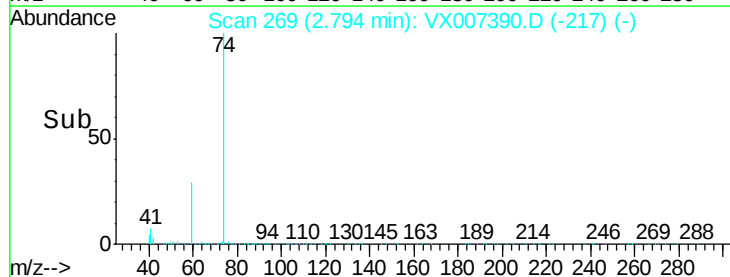
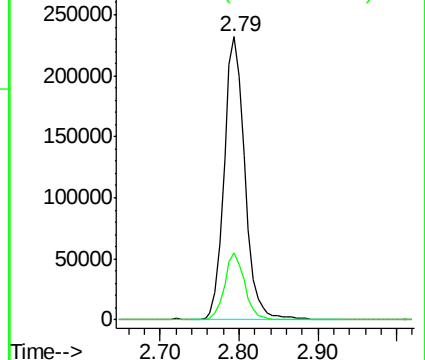
43 100

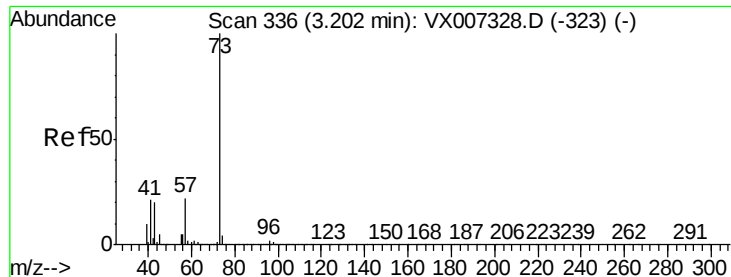
74 23.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

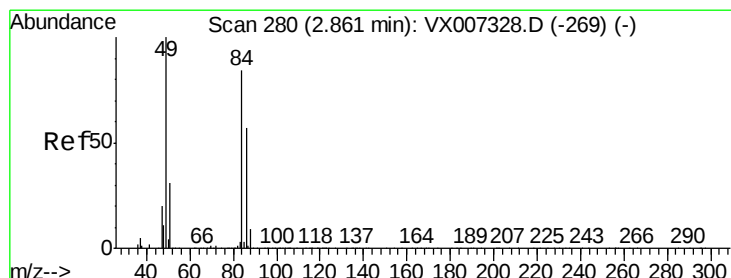
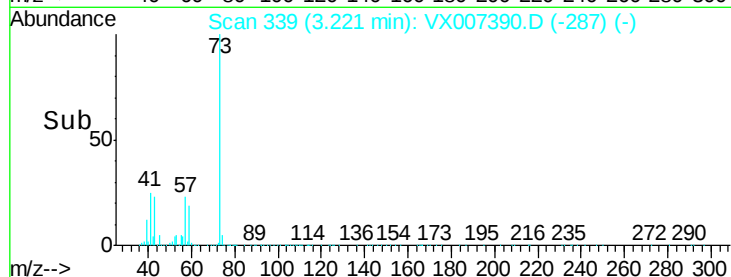
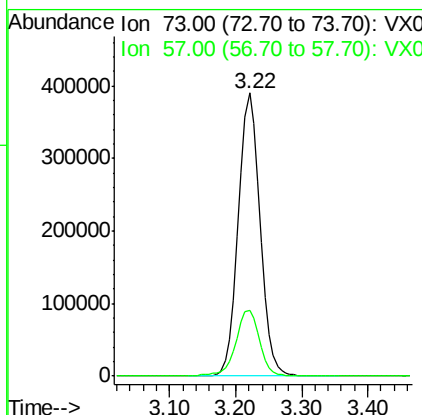
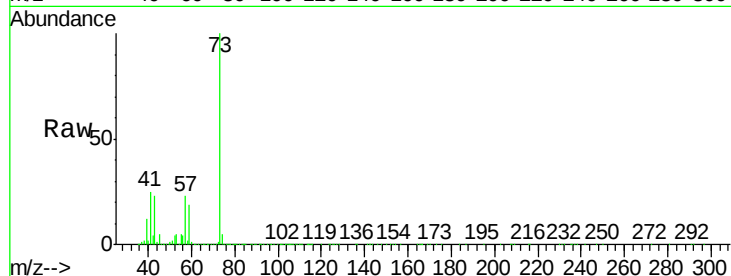




#19
Methvl tert-butvl Ether
Concen: 52.915 ug/l
RT: 3.22 min Scan# 339
Delta R.T. 0.02 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

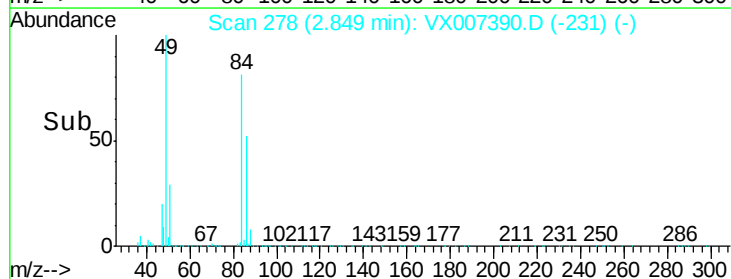
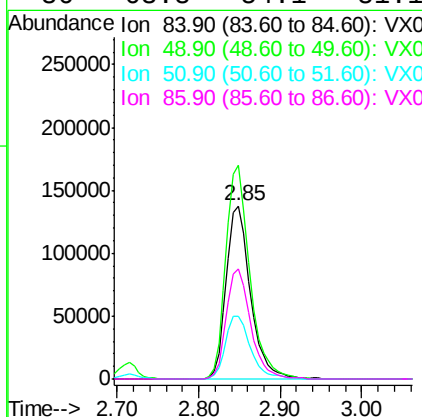
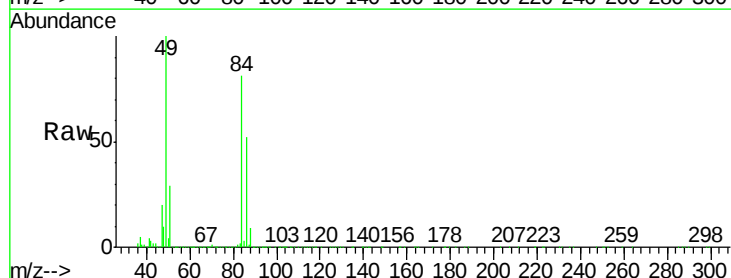
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

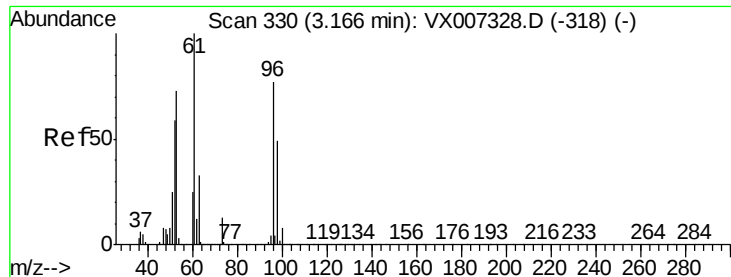
Tot Ion: 73 Resp: 890422
Ion Ratio Lower Upper
73 100
57 23.0 17.8 26.8



#20
Methylene Chloride
Concen: 52.155 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Tgt Ion: 84 Resp: 281681
Ion Ratio Lower Upper
84 100
49 123.3 94.8 142.2
51 36.0 29.8 44.8
86 63.8 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 48.567 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.02 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

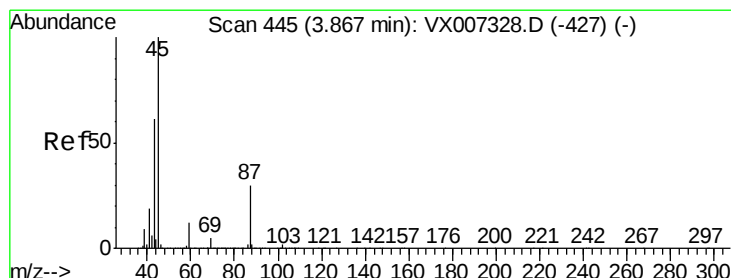
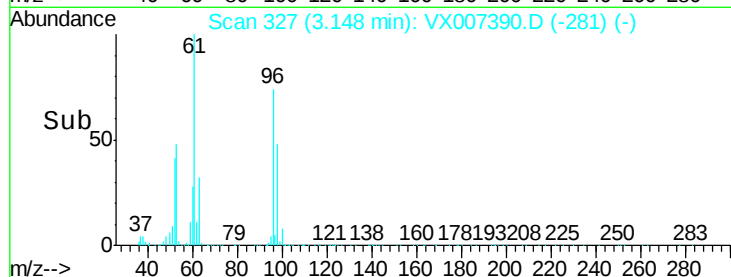
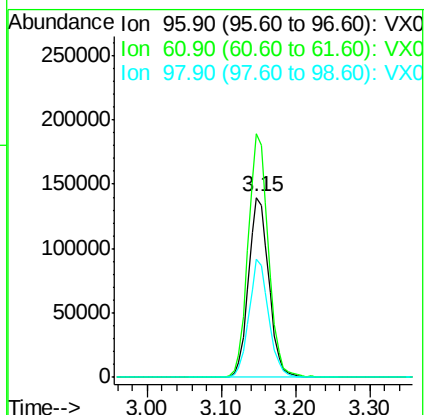
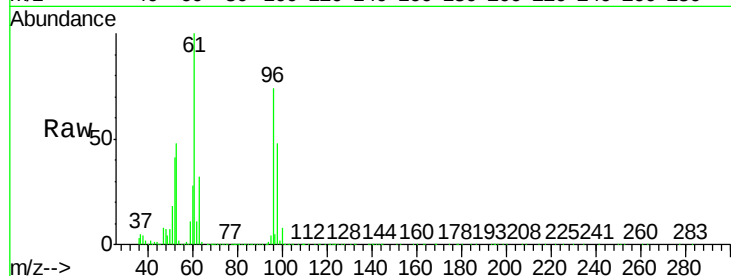
Tot Ion: 96 Resp: 268725

Ion Ratio Lower Upper

96 100

61 135.2 104.6 156.8

98 65.4 51.0 76.4



#22

Diisopropyl ether

Concen: 51.869 ug/l

RT: 3.89 min Scan# 448

Delta R.T. 0.02 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Tgt Ion: 45 Resp: 807460

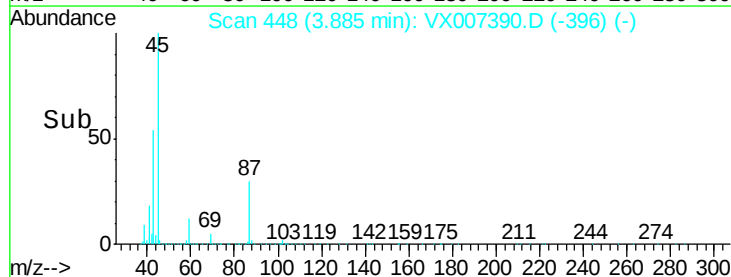
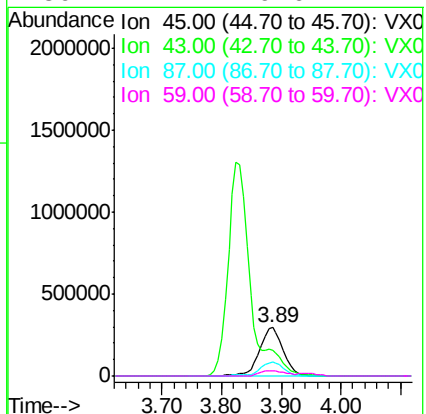
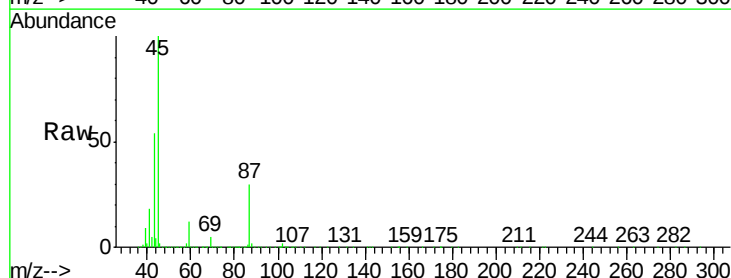
Ion Ratio Lower Upper

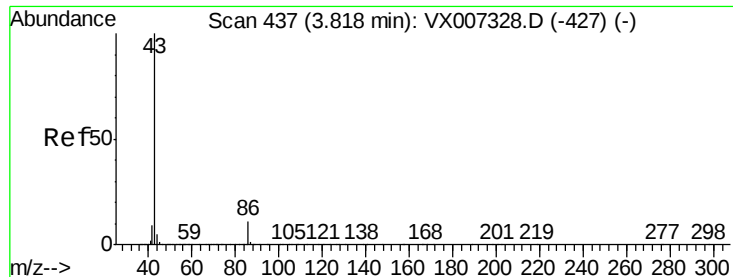
45 100

43 53.9 48.9 73.3

87 30.1 23.9 35.9

59 11.7 9.6 14.4





#23

Vinyl Acetate

Concen: 263.757 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

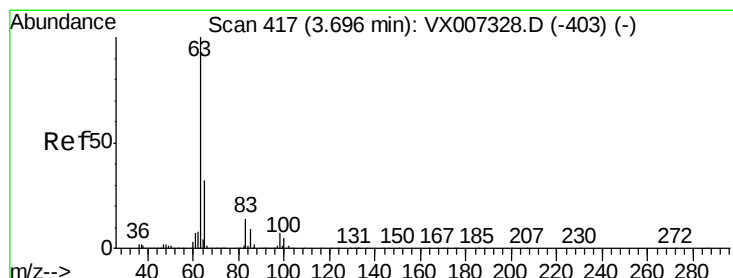
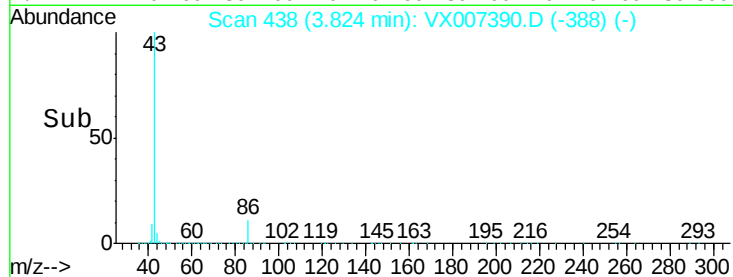
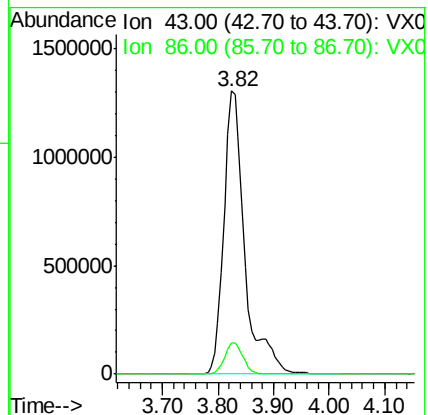
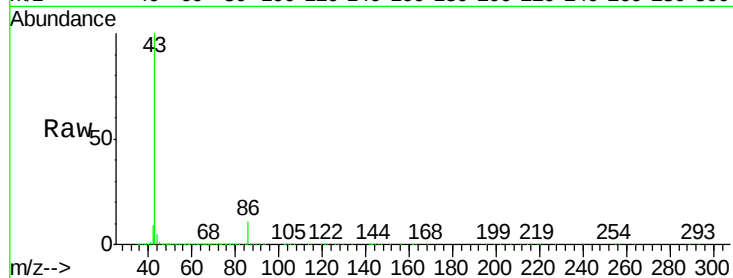
VSTDCCC050

Tot Ion: 43 Resp: 3407271

Ion Ratio Lower Upper

43 100

86 11.0 8.7 13.1



#24

1,1-Dichloroethane

Concen: 54.492 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

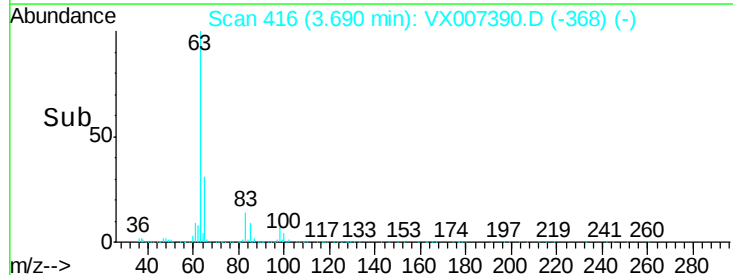
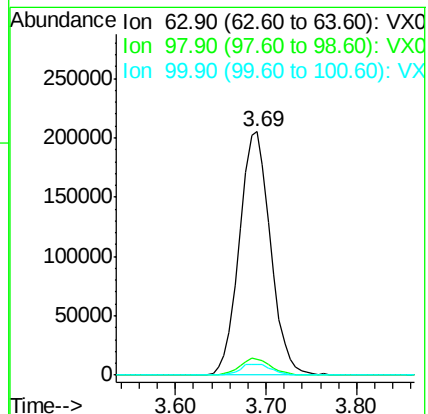
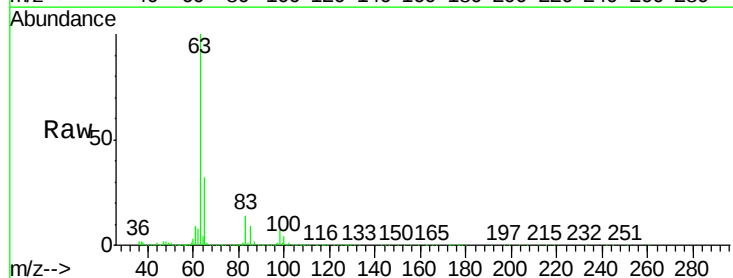
Tgt Ion: 63 Resp: 487163

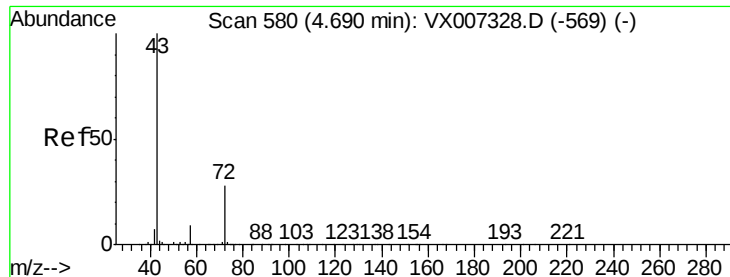
Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

100 4.3 2.5 7.4





#25

2-Butanone

Concen: 249.467 ug/l

RT: 4.73 min Scan# 586

Delta R.T. 0.04 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

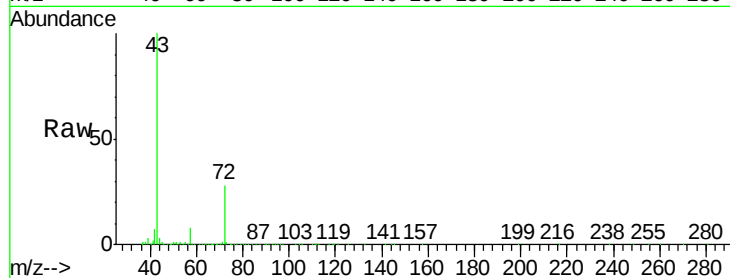
VSTDCCC050

Tot Ion: 43 Resp: 939026

Ion Ratio Lower Upper

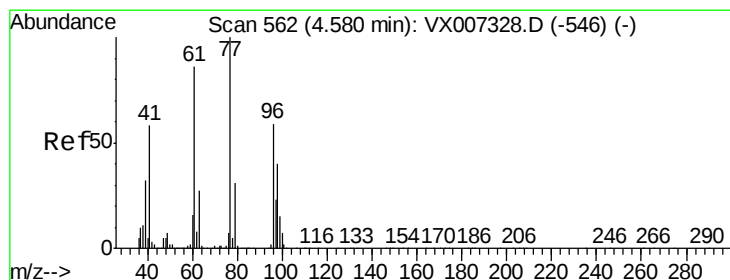
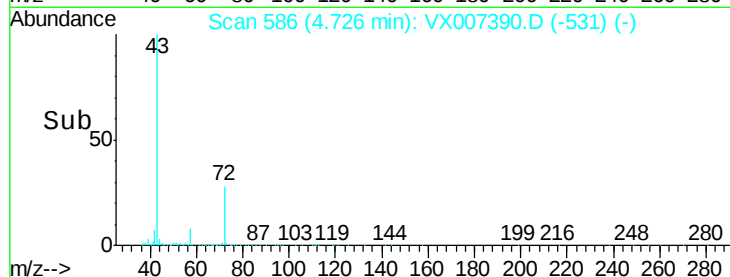
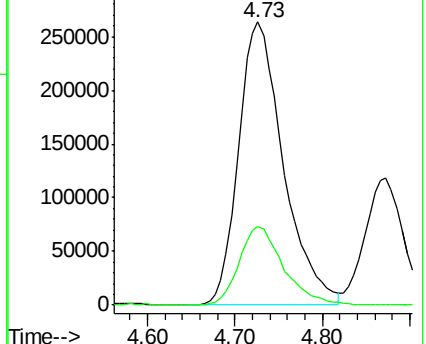
43 100

72 27.6 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 54.819 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX007390.D

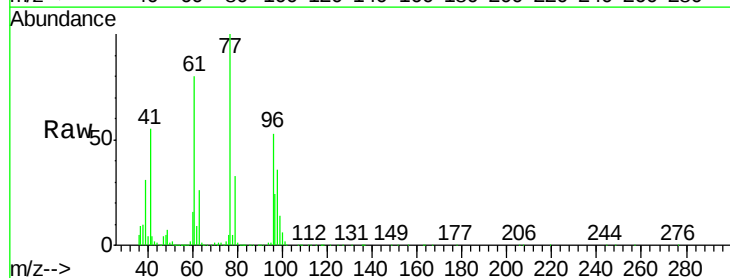
Acq: 06 Feb 2019 10:38

Tgt Ion: 77 Resp: 373226

Ion Ratio Lower Upper

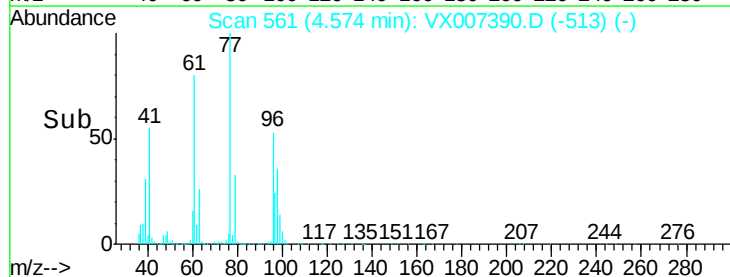
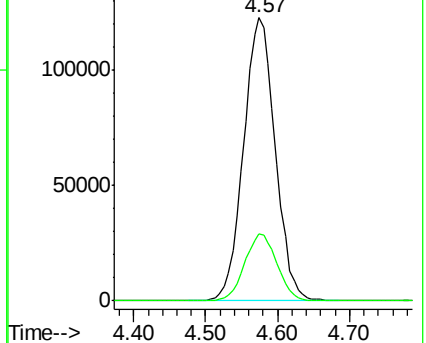
77 100

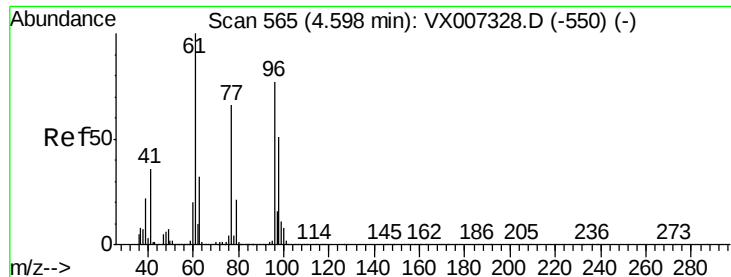
97 24.2 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



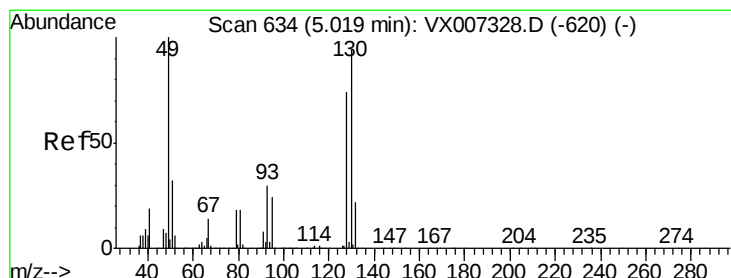
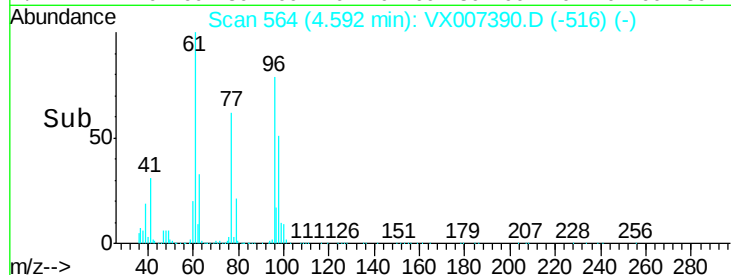
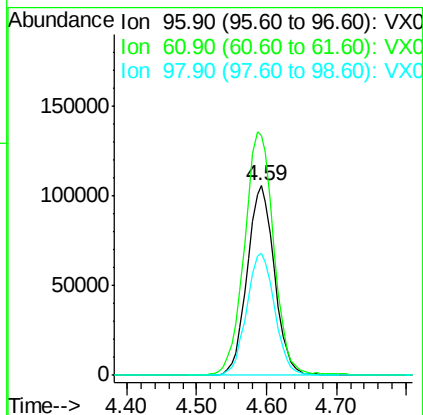
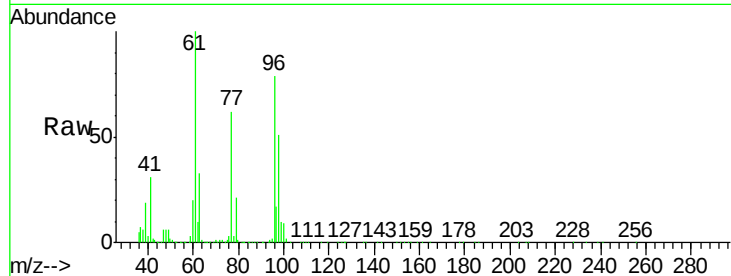


#27

cis-1,2-Dichloroethene
Concen: 47.342 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

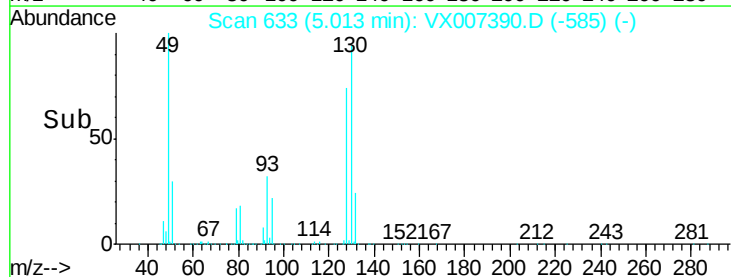
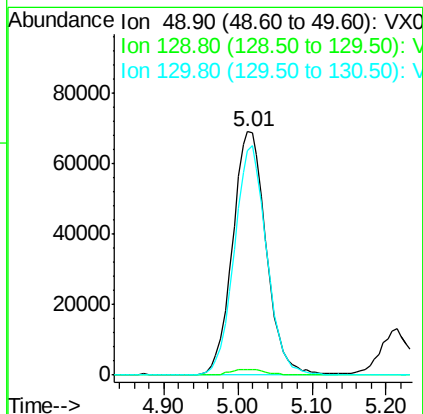
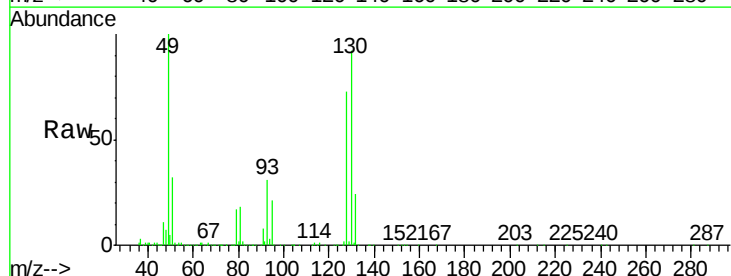
Tot Ion	Ratio	Lower	Upper
96	100		
61	137.9	0.0	265.6
98	66.0	0.0	131.6



#28

Bromochloromethane
Concen: 53.257 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.6
130	90.7	75.6	113.4

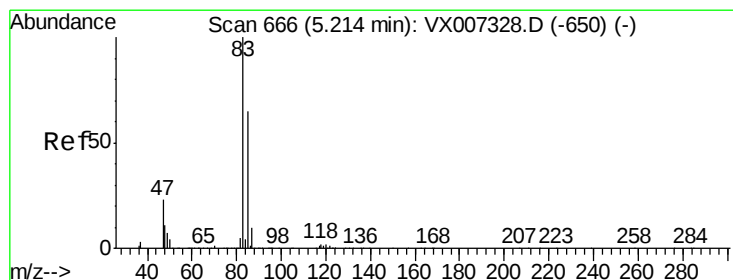
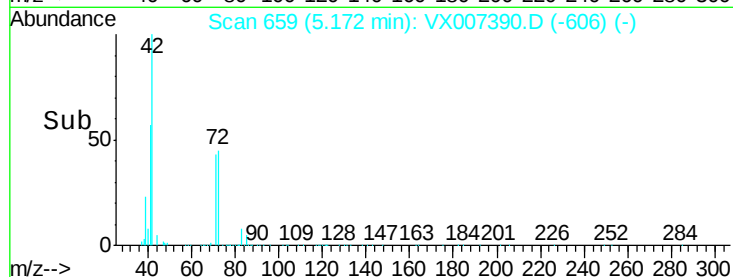
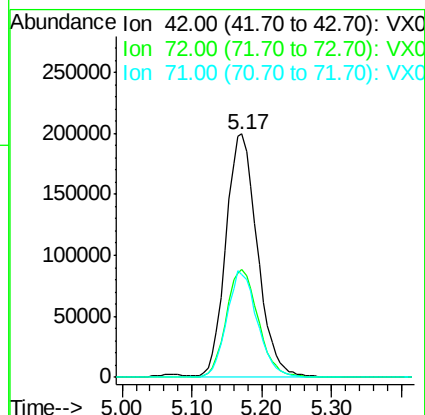
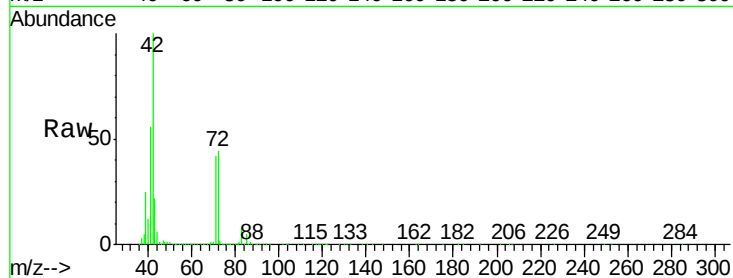




#29
Tetrahydrofuran
Concen: 262.602 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.02 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

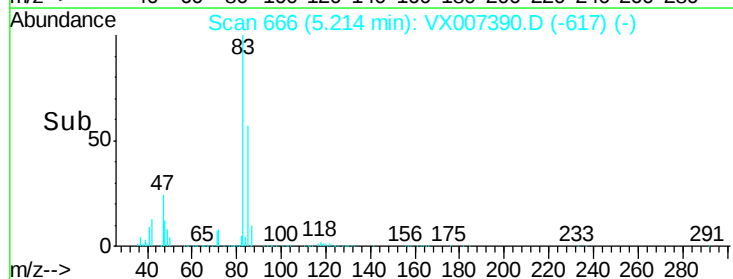
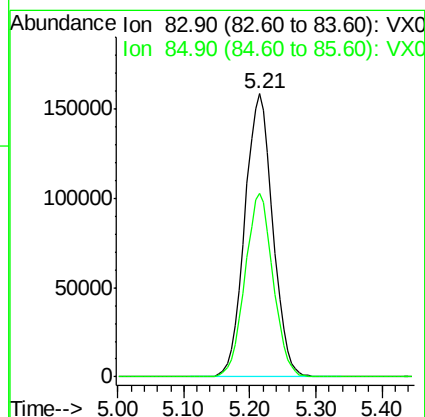
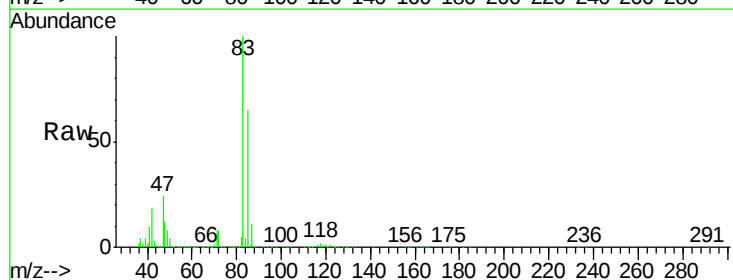
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

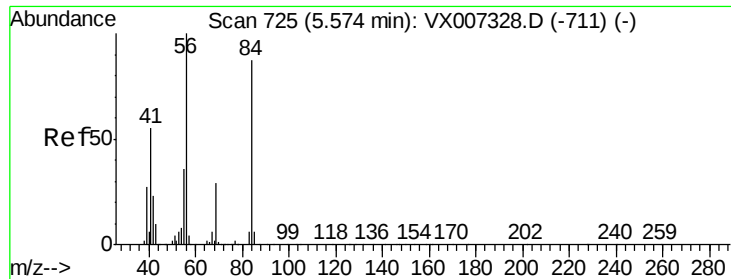
Tot Ion: 42 Resp: 621679
Ion Ratio Lower Upper
42 100
72 45.3 37.6 56.4
71 42.6 34.6 51.8



#30
Chloroform
Concen: 49.993 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Tgt Ion: 83 Resp: 466372
Ion Ratio Lower Upper
83 100
85 64.8 51.6 77.4

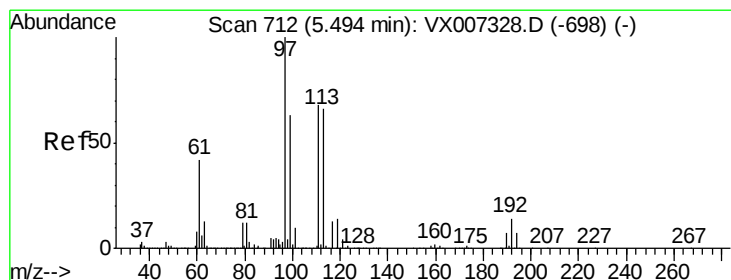
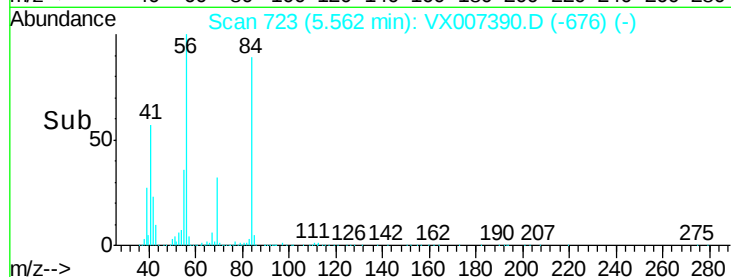
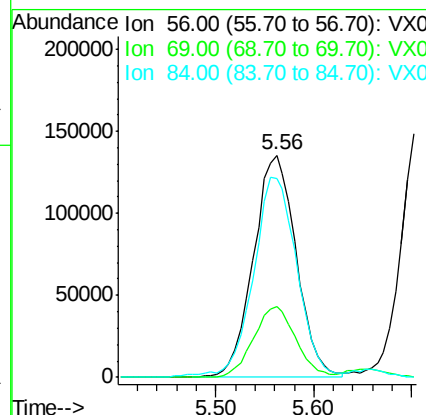
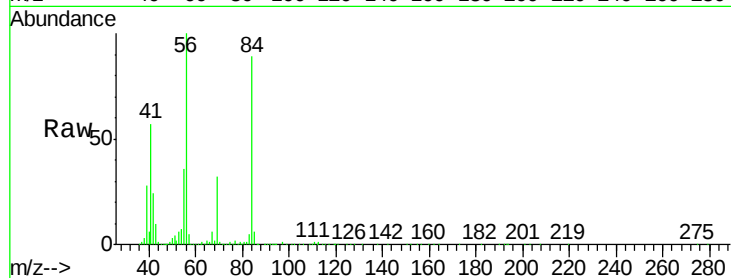




#31
Cyclohexane
Concen: 51.004 ug/l
RT: 5.56 min Scan# 723
Delta R.T. -0.01 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

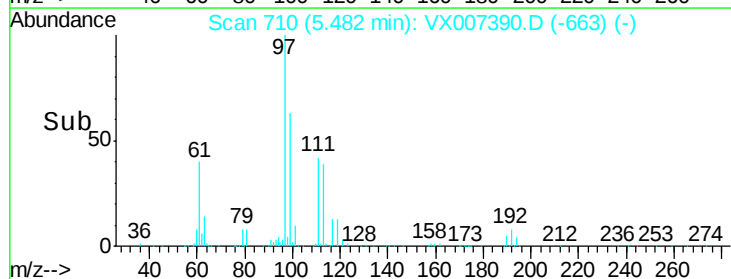
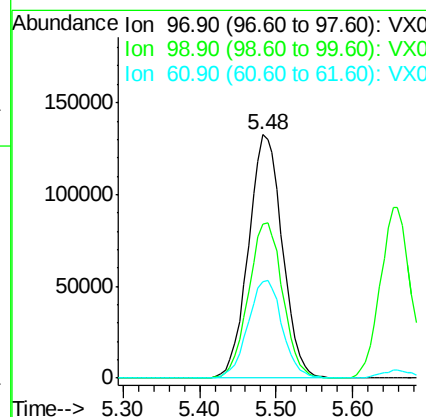
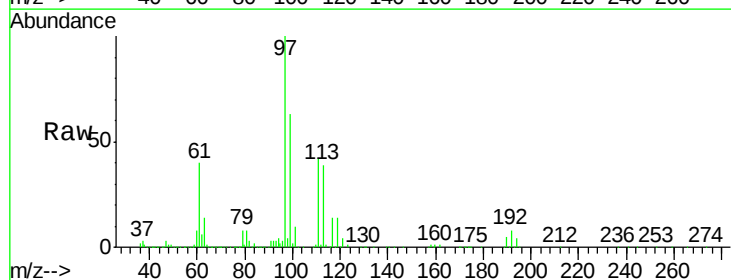
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

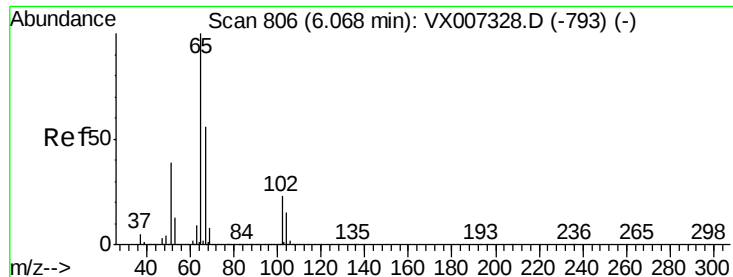
Tot Ion: 56 Resp: 409527
Ion Ratio Lower Upper
56 100
69 31.8 23.0 34.6
84 88.0 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 51.988 ug/l
RT: 5.48 min Scan# 710
Delta R.T. -0.01 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Tgt Ion: 97 Resp: 409377
Ion Ratio Lower Upper
97 100
99 64.3 52.2 78.2
61 40.6 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 50.380 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampled :

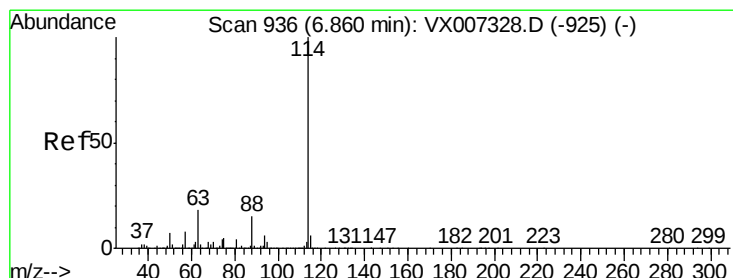
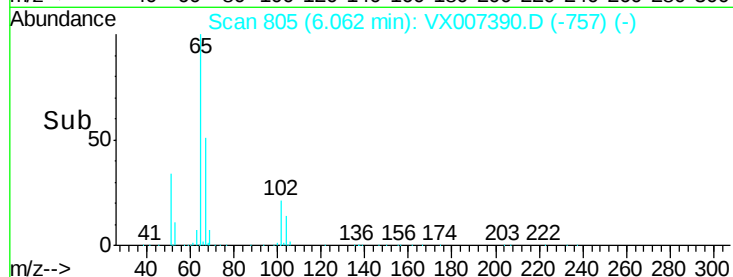
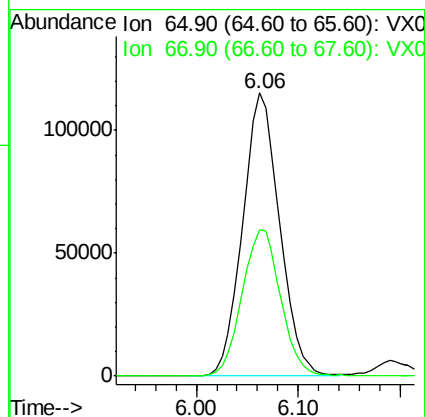
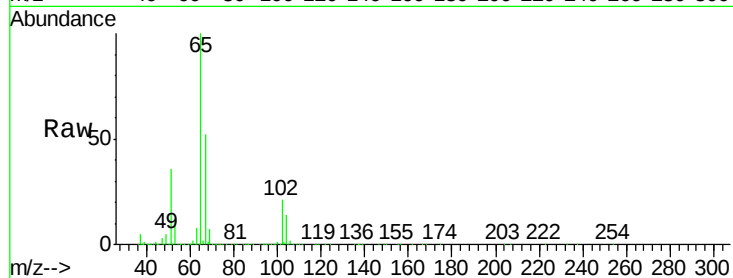
VSTDCCC050

Tot Ion: 65 Resp: 290900

Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

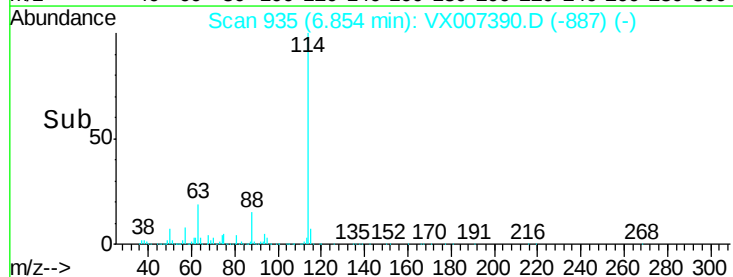
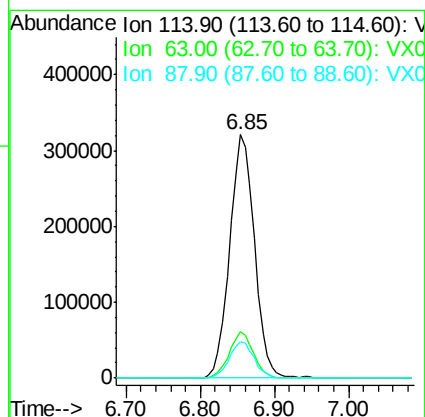
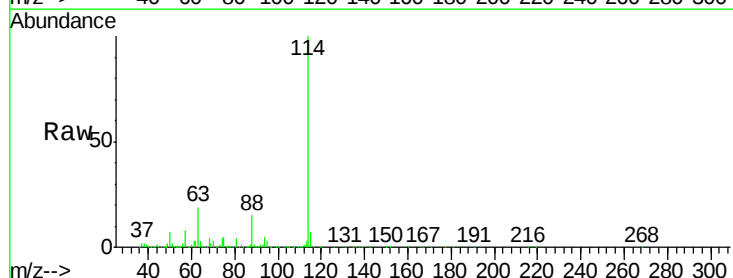
Tgt Ion: 114 Resp: 749449

Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.6

88 14.7 0.0 29.6





#35

Dibromofluoromethane

Concen: 52.840 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

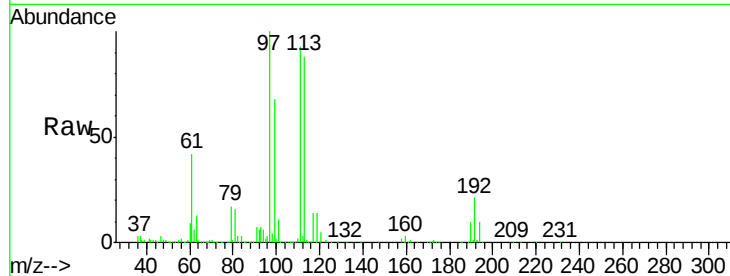
Tot Ion:113 Resp: 257668

Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.8

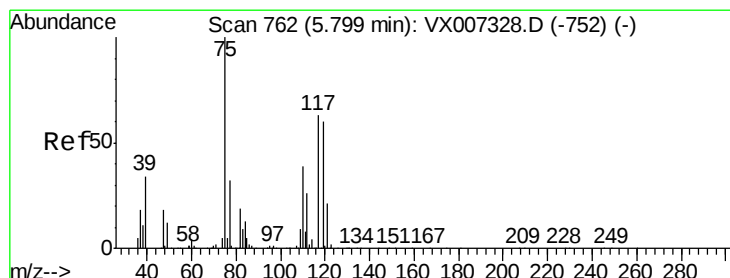
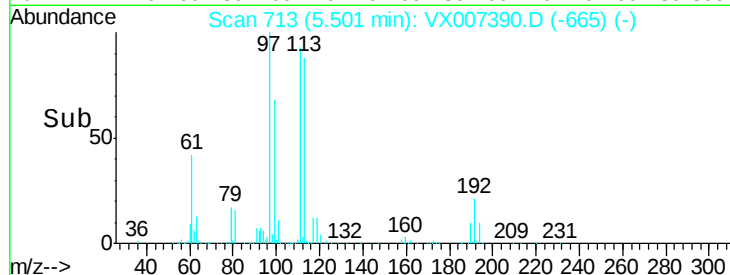
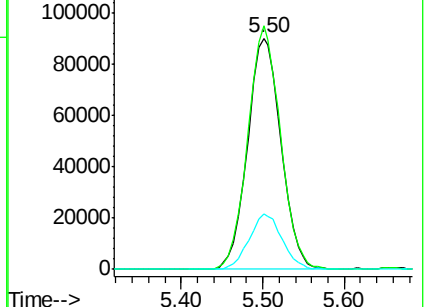
192 23.8 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.591 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

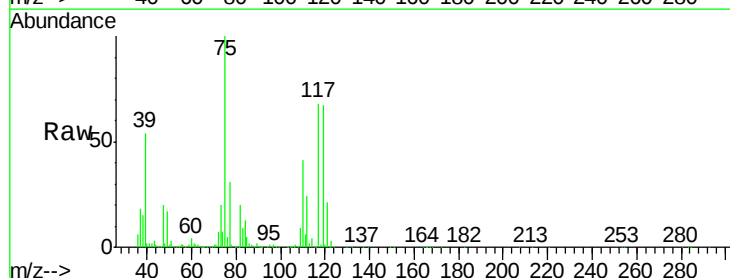
Tgt Ion: 75 Resp: 346919

Ion Ratio Lower Upper

75 100

110 39.0 20.0 59.9

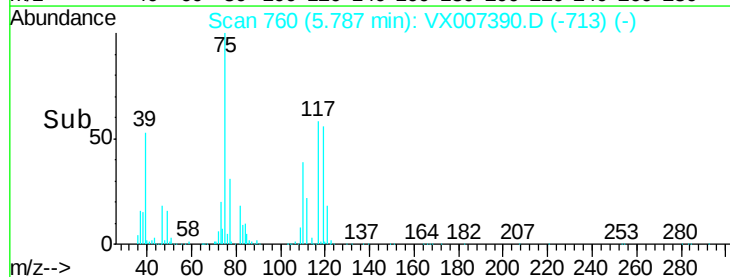
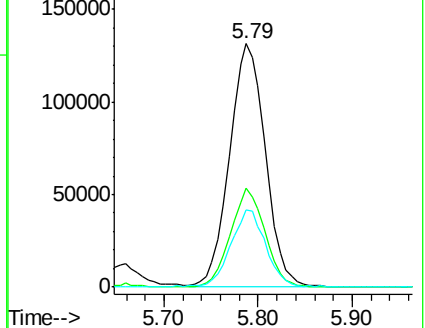
77 30.8 24.7 37.1

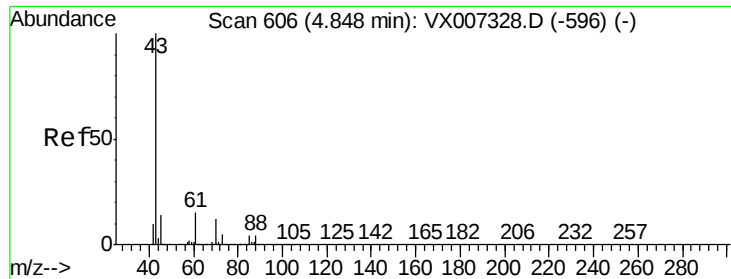


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

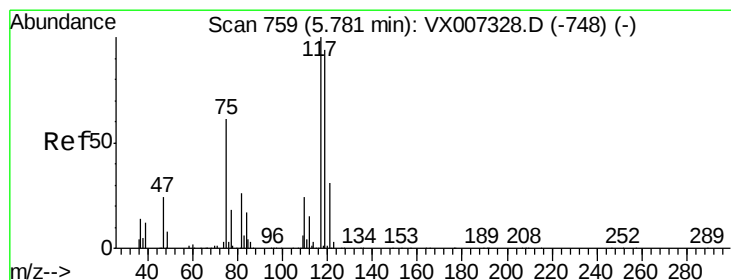
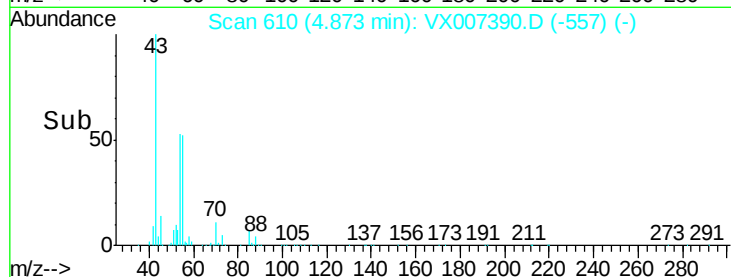
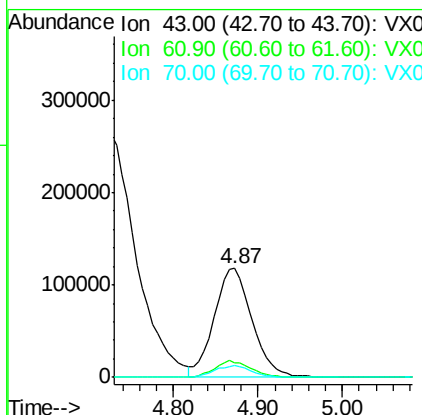
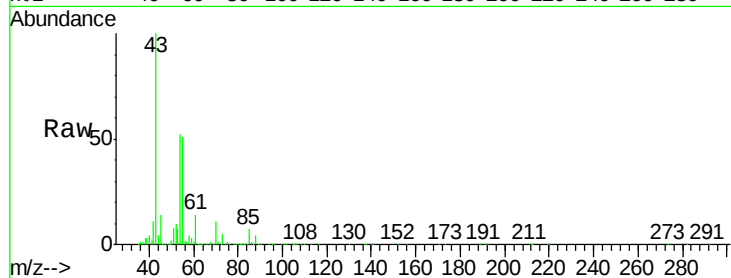




#37
Ethyl Acetate
Concen: 53.385 ug/l
RT: 4.87 min Scan# 610
Delta R.T. 0.02 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

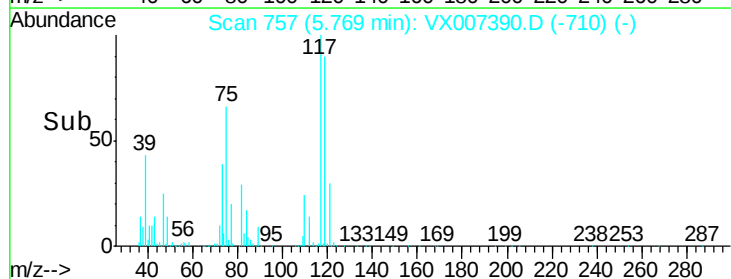
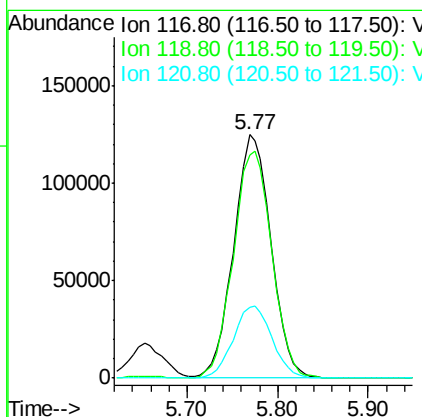
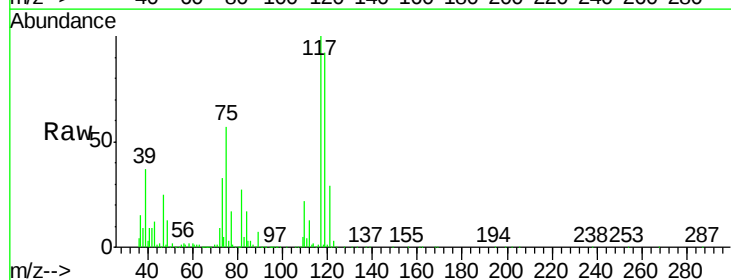
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	362882
Ion Ratio	Lower	Upper	
43	100		
61	14.3	11.3	16.9
70	10.9	8.6	13.0



#38
Carbon Tetrachloride
Concen: 54.508 ug/l
RT: 5.77 min Scan# 757
Delta R.T. -0.01 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Tgt Ion	117	Resp	355594
Ion Ratio	Lower	Upper	
117	100		
119	91.6	75.3	112.9
121	29.3	25.0	37.4

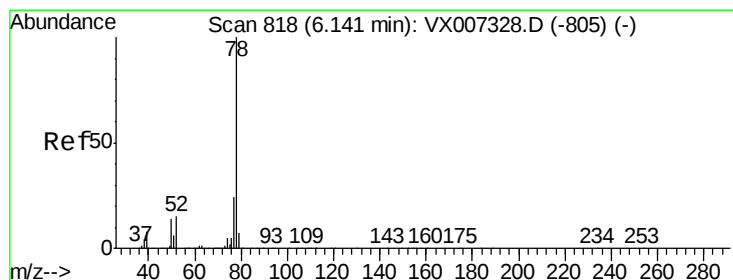
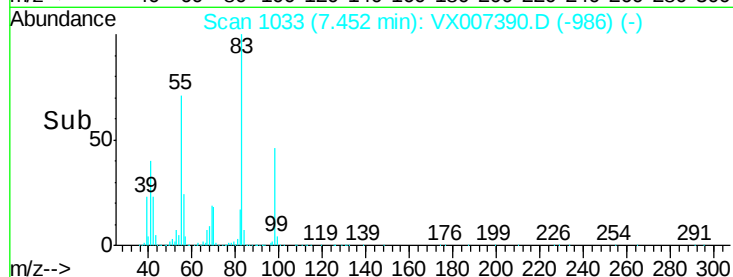
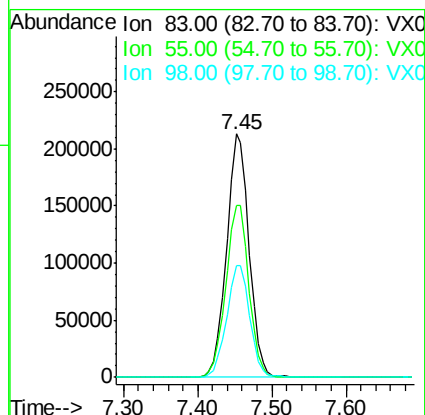
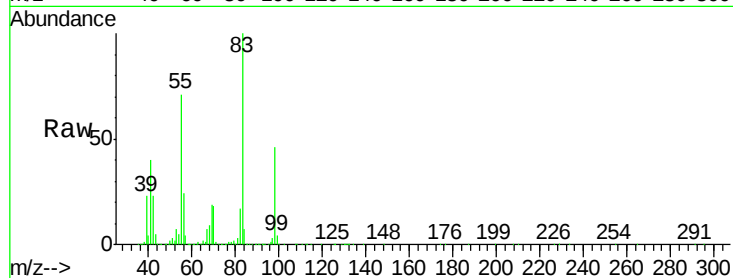




#39
Methvlcvclohexane
Concen: 55.147 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

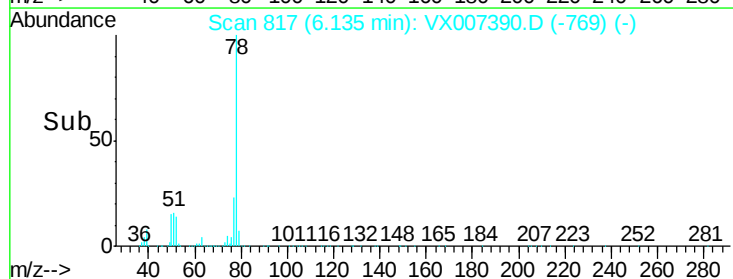
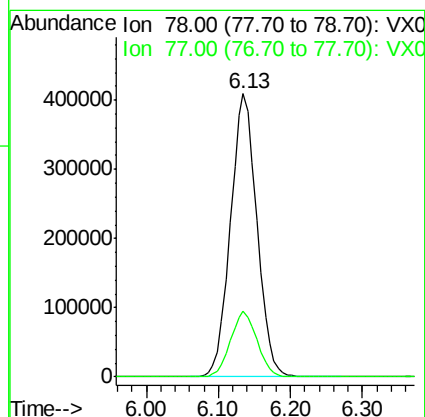
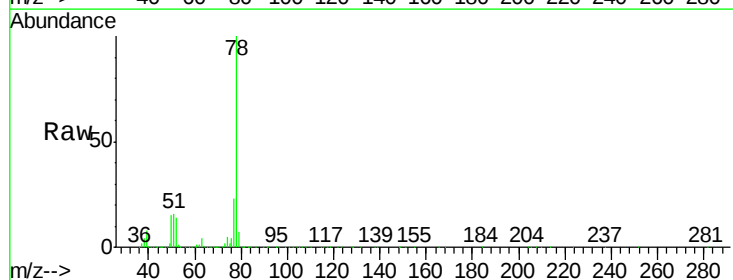
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

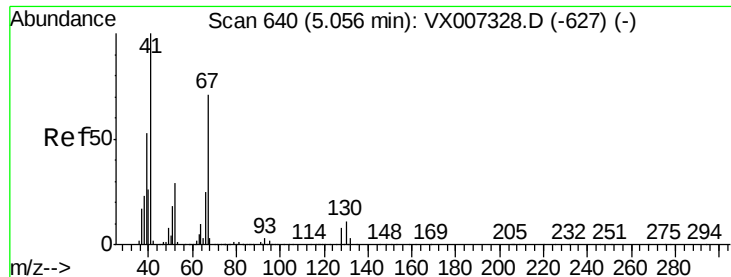
Tot Ion: 83 Resp: 448660
Ion Ratio Lower Upper
83 100
55 70.5 56.2 84.2
98 45.8 36.8 55.2



#40
Benzene
Concen: 52.795 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Tgt Ion: 78 Resp: 1045768
Ion Ratio Lower Upper
78 100
77 23.1 19.3 28.9





#41

Methacrylonitrile

Concen: 53.675 ug/l

RT: 5.07 min Scan# 643

Delta R.T. 0.02 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 195545

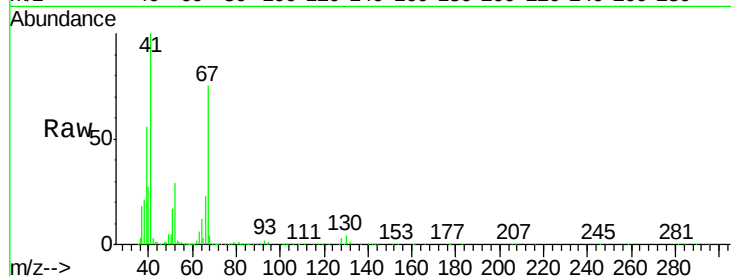
Ion Ratio Lower Upper

41 100

39 54.8 44.5 66.7

67 76.1 60.4 90.6

52 30.5 24.1 36.1

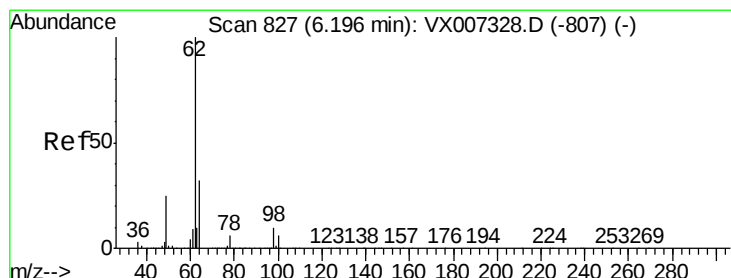
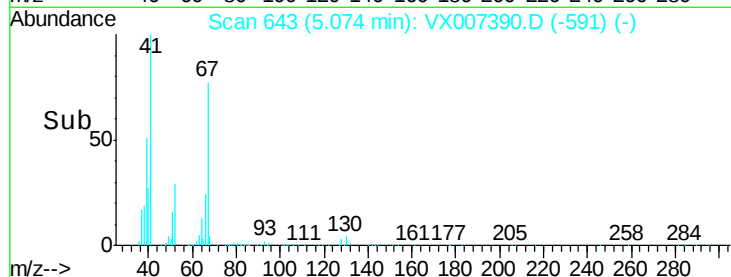
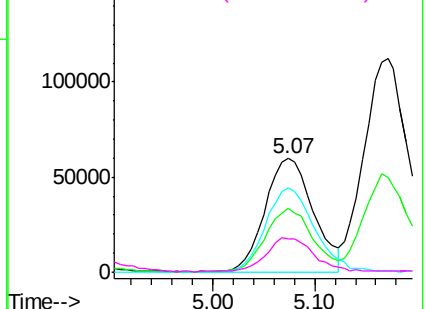


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 51.032 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX007390.D

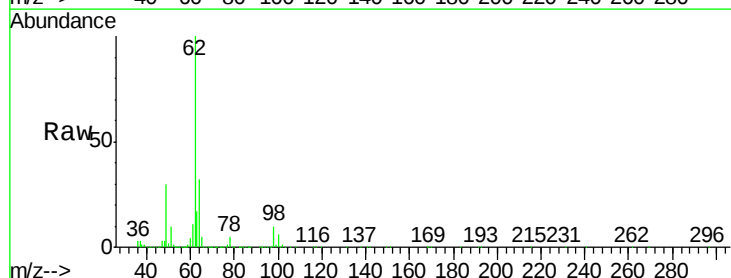
Acq: 06 Feb 2019 10:38

Tgt Ion: 62 Resp: 349744

Ion Ratio Lower Upper

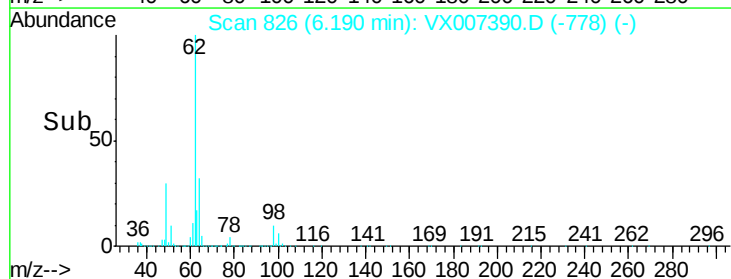
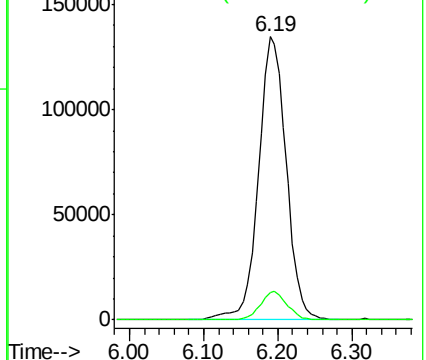
62 100

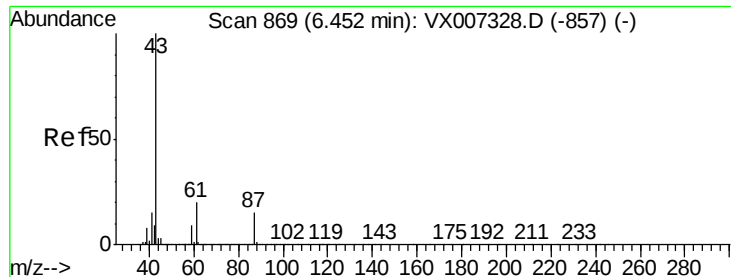
98 9.8 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



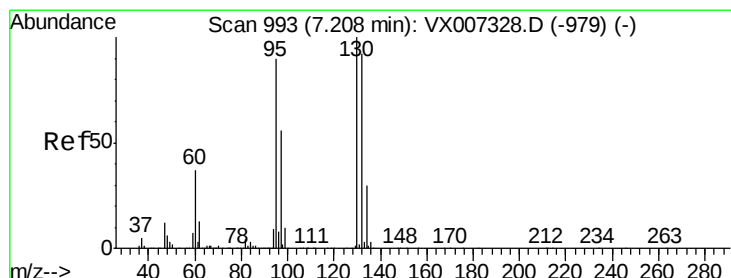
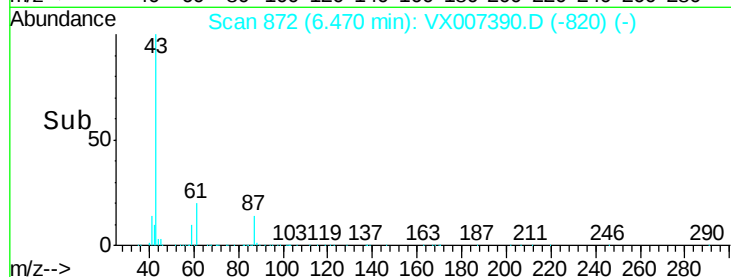
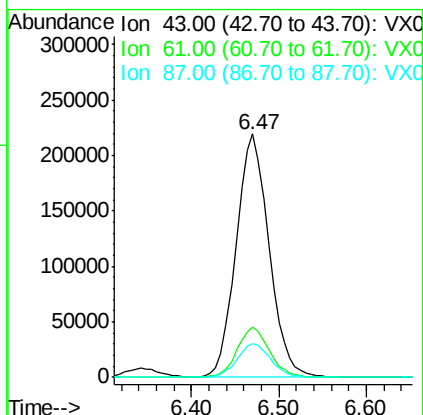
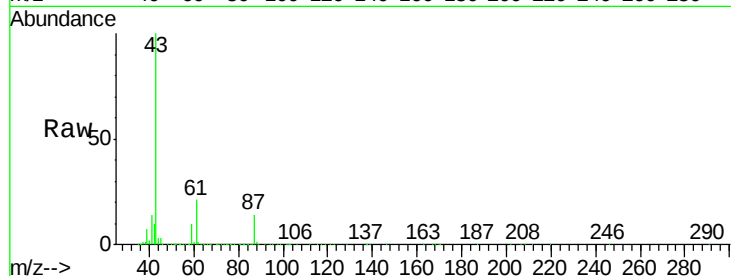


#43

Isopropyl Acetate
 Concen: 54.199 ug/l
 RT: 6.47 min Scan# 872
 Delta R.T. 0.02 min
 Lab File: VX007390.D
 Acq: 06 Feb 2019 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

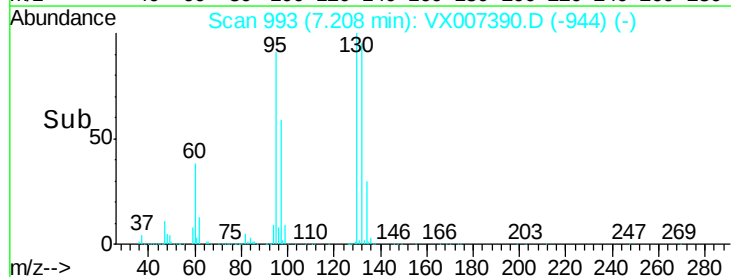
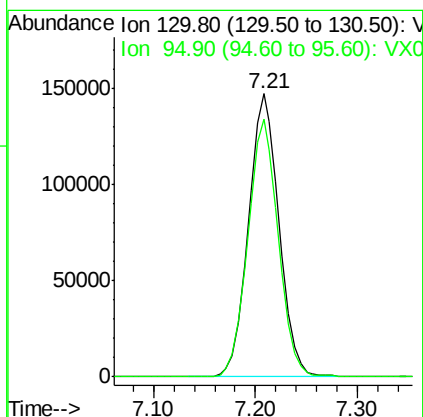
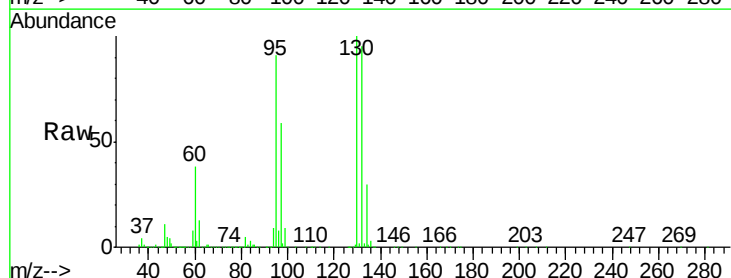
Tot Ion: 43 Resp: 568654
 Ion Ratio Lower Upper
 43 100
 61 20.5 16.1 24.1
 87 14.3 11.5 17.3

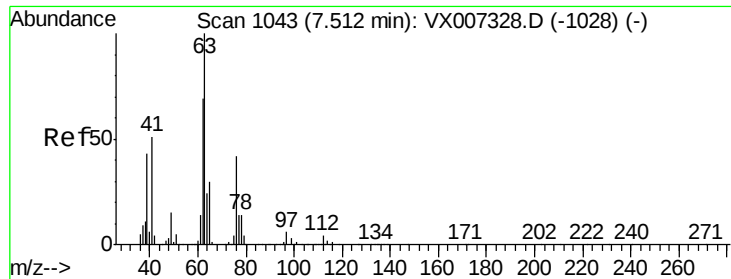


#44

Trichloroethene
 Concen: 51.308 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX007390.D
 Acq: 06 Feb 2019 10:38

Tgt Ion: 130 Resp: 306086
 Ion Ratio Lower Upper
 130 100
 95 91.2 0.0 180.0





#45

1,2-Dichloropropane

Concen: 52.331 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

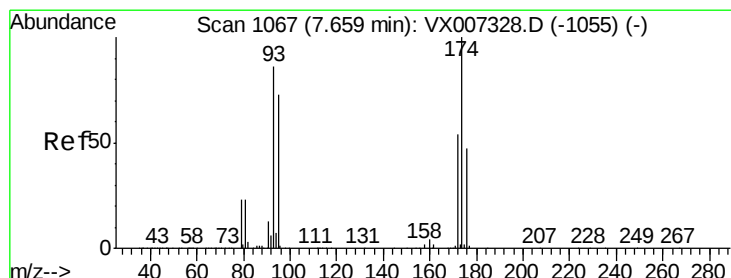
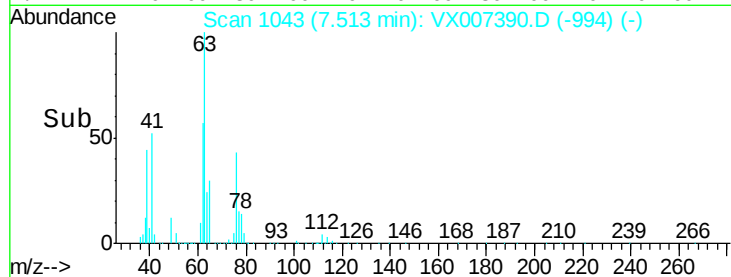
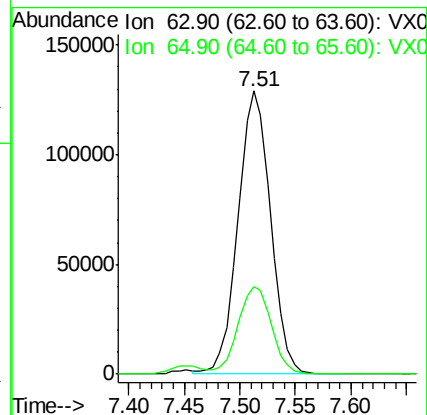
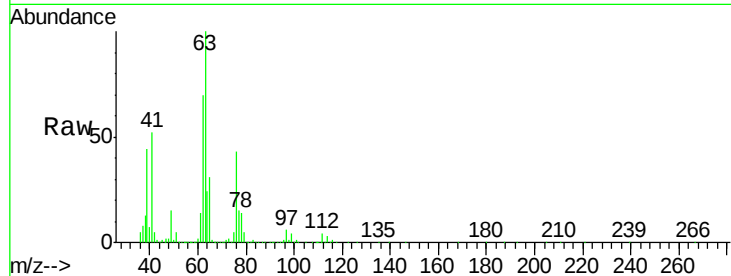
VSTDCCC050

Tot Ion: 63 Resp: 259713

Ion Ratio Lower Upper

63 100

65 31.0 24.2 36.2



#46

Dibromomethane

Concen: 50.206 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

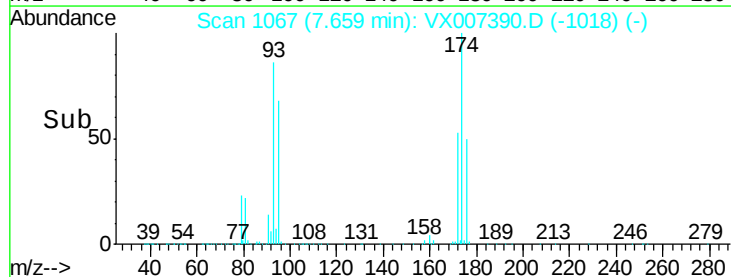
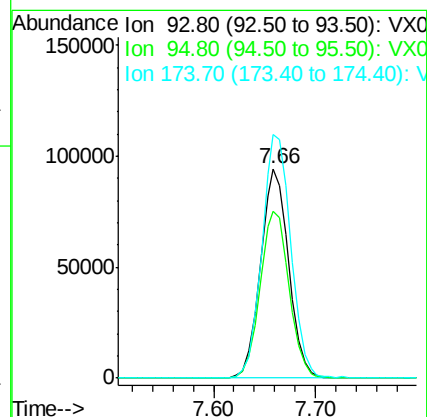
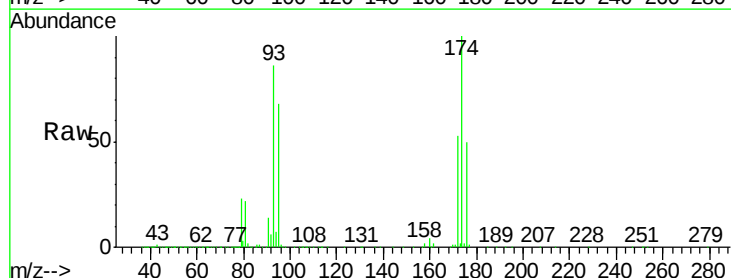
Tgt Ion: 93 Resp: 181097

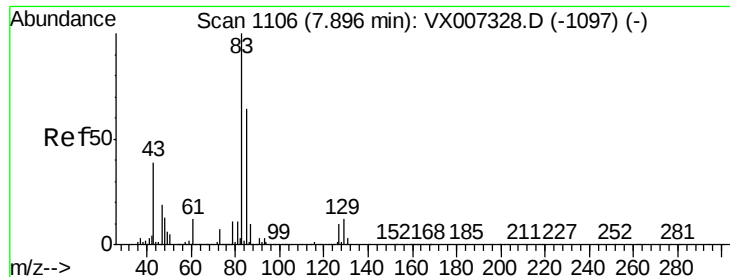
Ion Ratio Lower Upper

93 100

95 82.4 67.6 101.4

174 120.3 94.2 141.4





#47

Bromodichloromethane

Concen: 52.132 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

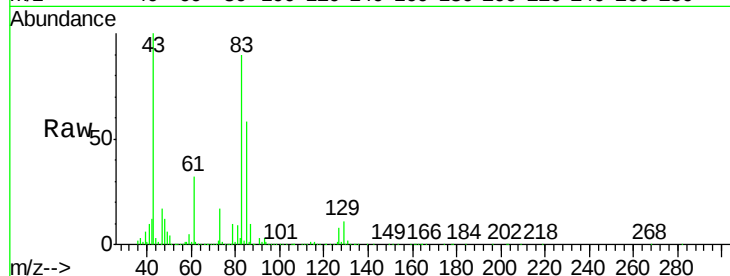
Tot Ion: 83 Resp: 318694

Ion Ratio Lower Upper

83 100

85 64.9 51.4 77.0

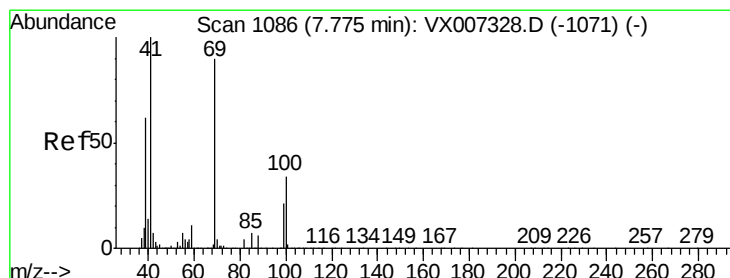
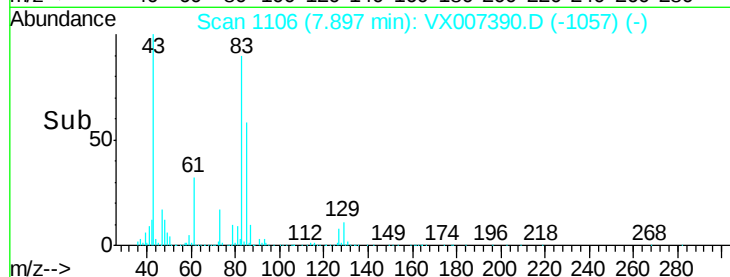
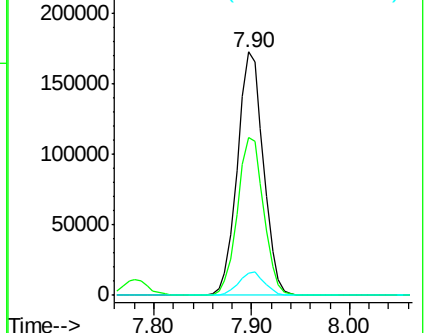
127 9.1 8.1 12.1



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: 55.806 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

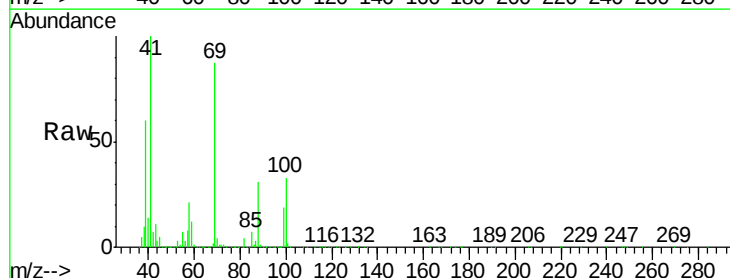
Tgt Ion: 41 Resp: 292873

Ion Ratio Lower Upper

41 100

69 86.8 70.2 105.4

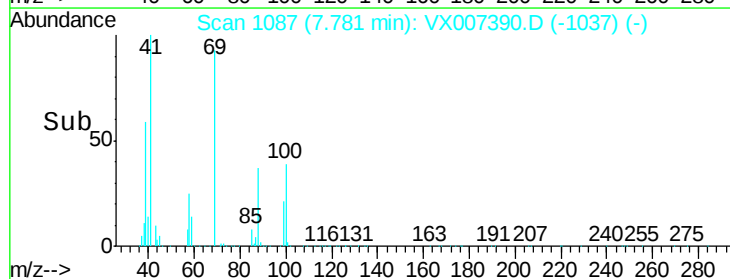
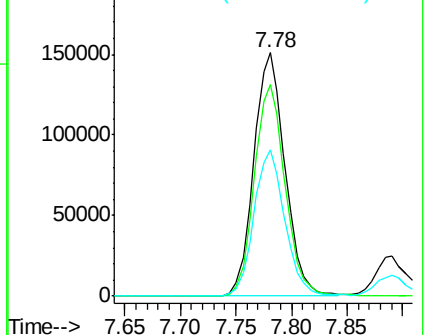
39 59.6 47.4 71.0

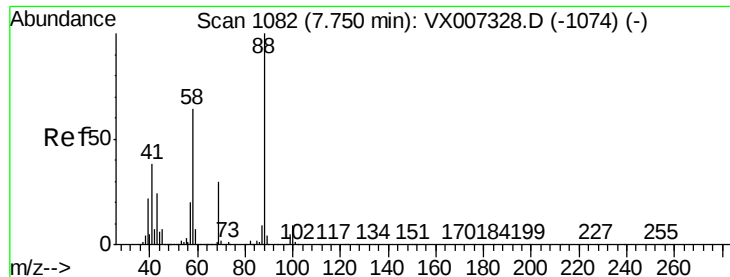


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1146.777 ug/l

RT: 7.79 min Scan# 1088

Delta R.T. 0.04 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

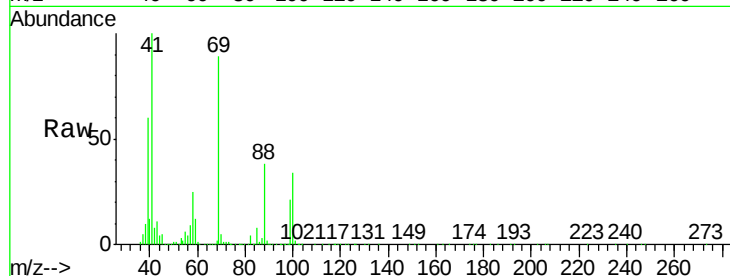
Tot Ion: 88 Resp: 136990

Ion	Ratio	Lower	Upper
88	100		
43	29.2	24.2	36.4
58	64.3	53.0	79.4

88 100

43 29.2 24.2 36.4

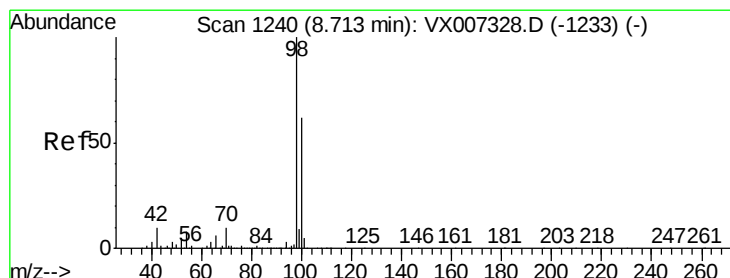
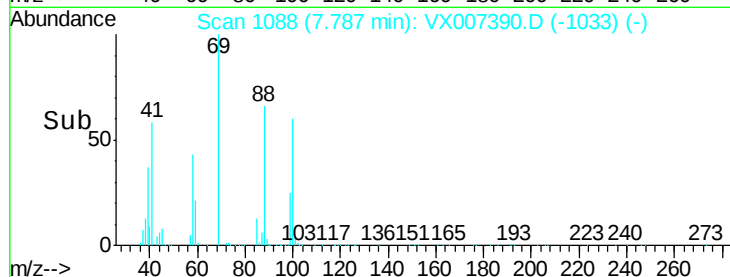
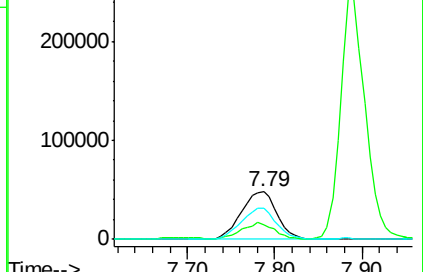
58 64.3 53.0 79.4



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: 53.541 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007390.D

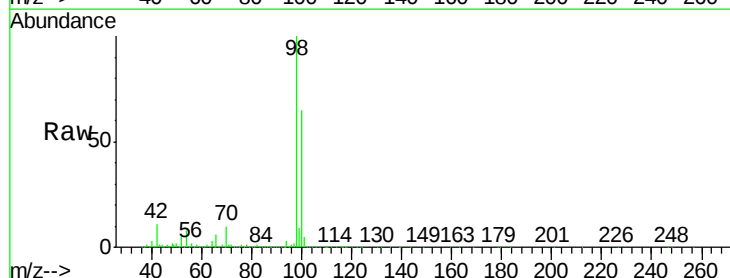
Acq: 06 Feb 2019 10:38

Tgt Ion: 98 Resp: 968685

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.6	77.4

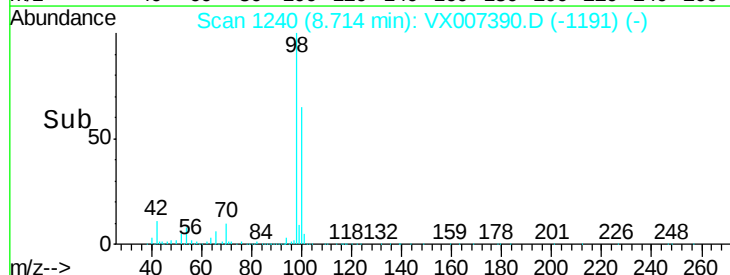
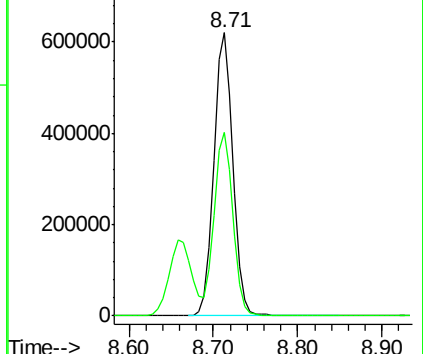
98 100

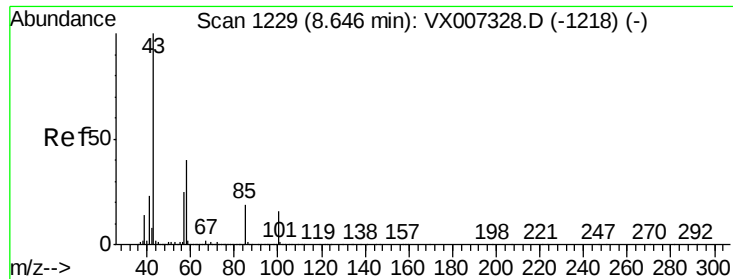
100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 282.870 ug/l

RT: 8.66 min Scan# 1231

Delta R.T. 0.01 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

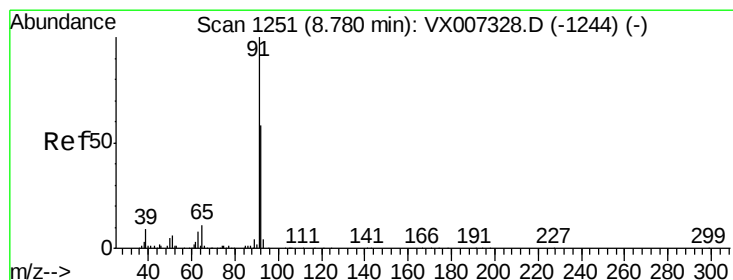
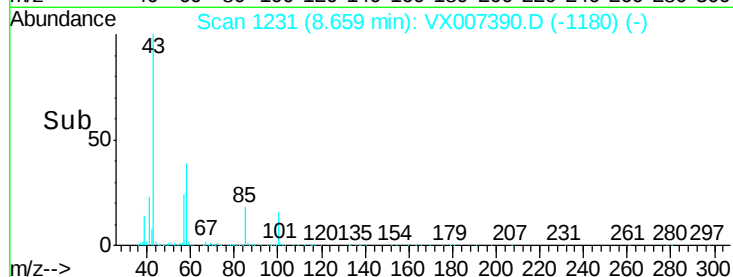
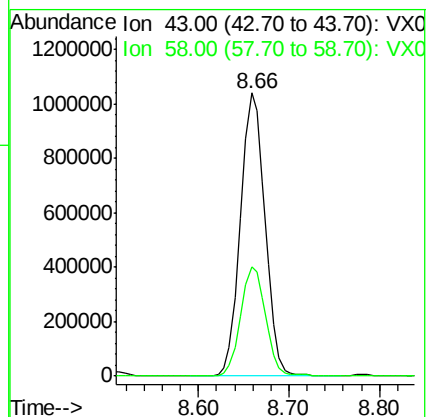
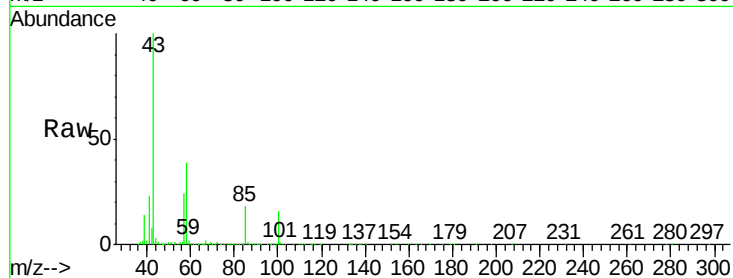
VSTDCCC050

Tot Ion: 43 Resp: 1953766

Ion Ratio Lower Upper

43 100

58 39.3 31.2 46.8



#52

Toluene

Concen: 52.844 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX007390.D

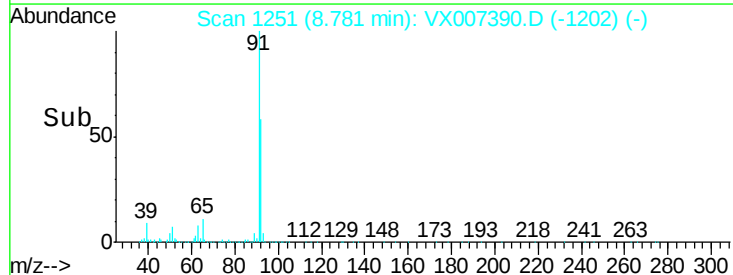
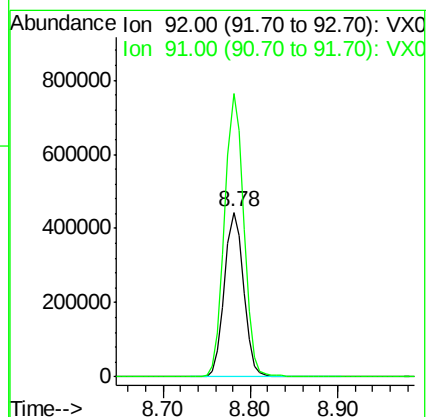
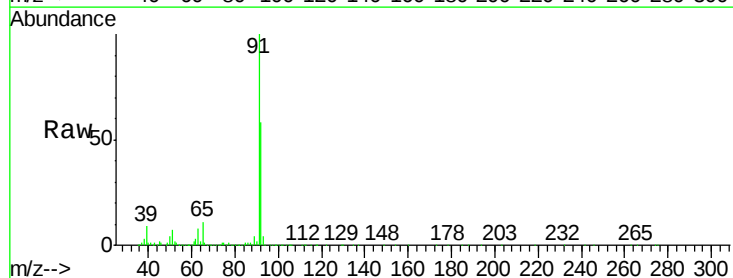
Acq: 06 Feb 2019 10:38

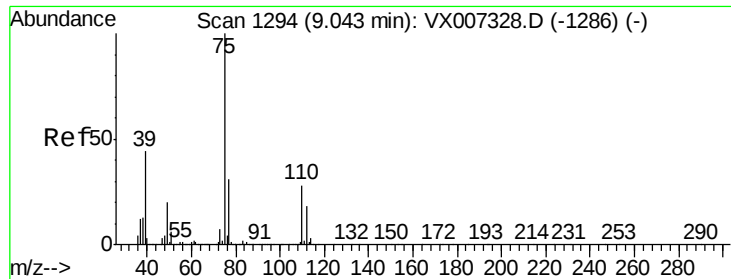
Tgt Ion: 92 Resp: 675339

Ion Ratio Lower Upper

92 100

91 172.8 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 56.860 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

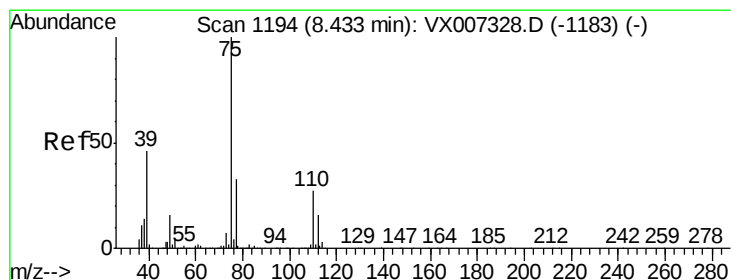
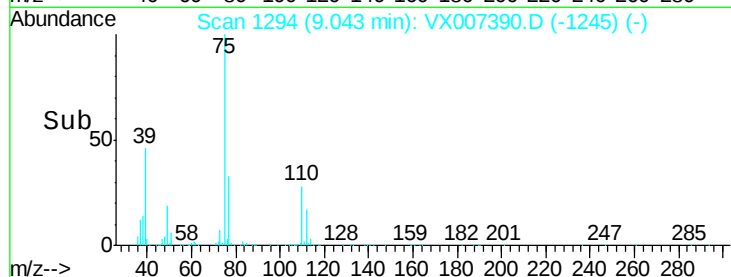
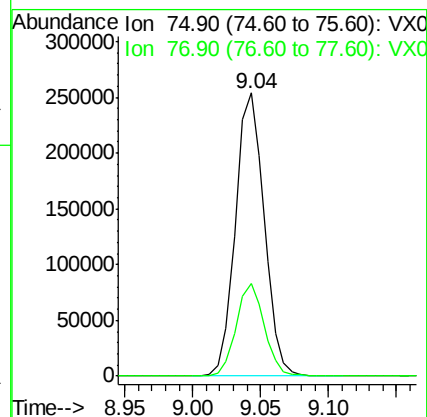
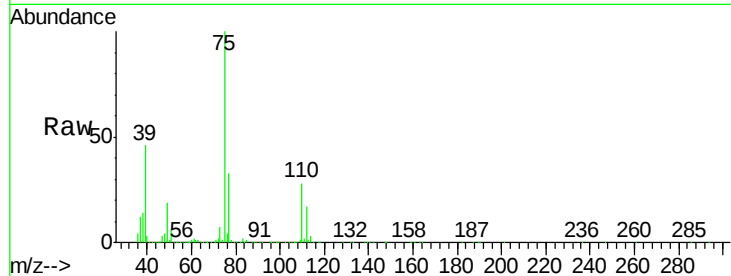
VSTDCCC050

Tot Ion: 75 Resp: 373369

Ion Ratio Lower Upper

75 100

77 32.8 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 56.796 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

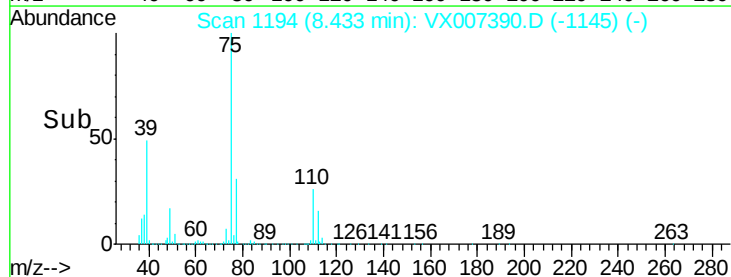
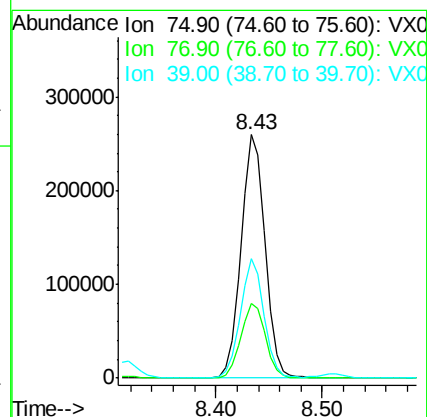
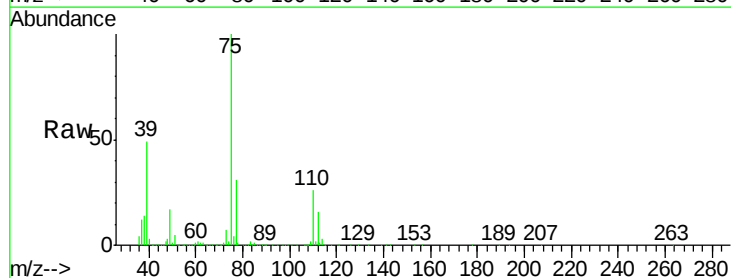
Tgt Ion: 75 Resp: 410136

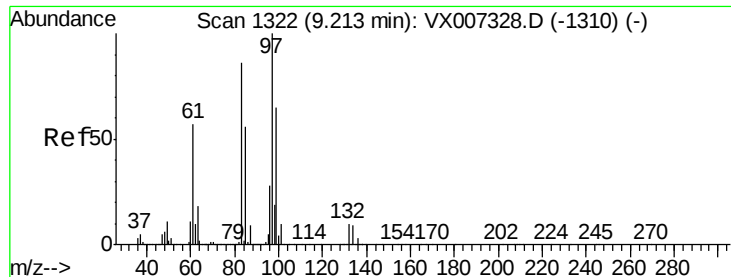
Ion Ratio Lower Upper

75 100

77 30.7 26.2 39.4

39 48.7 37.1 55.7

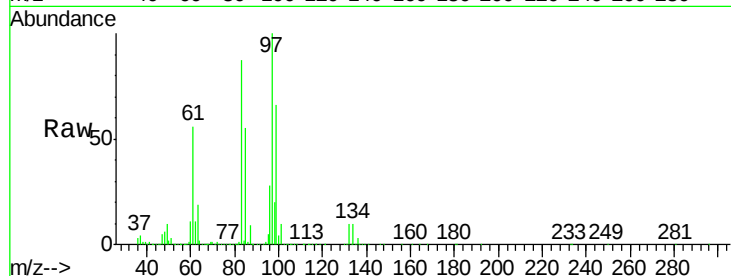




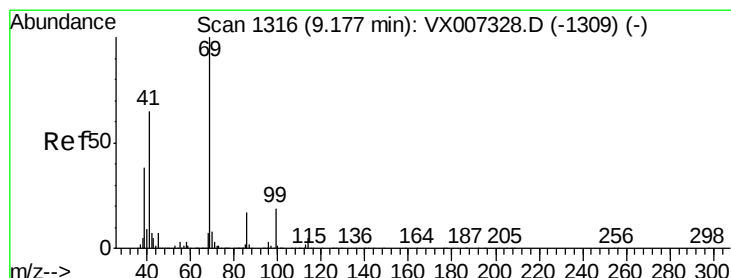
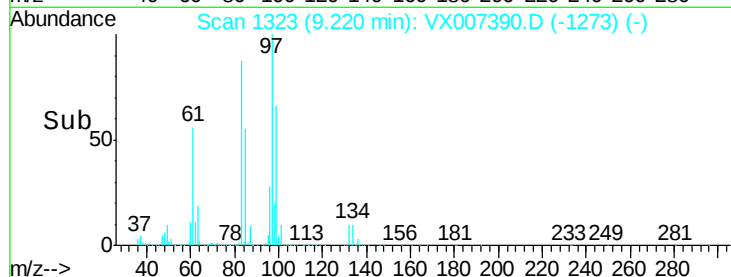
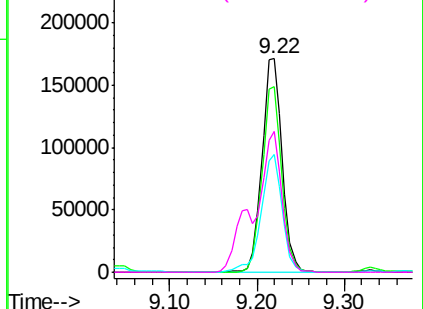
#55
 1,1,2-Trichloroethane
 Concen: 51.568 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX007390.D
 Acq: 06 Feb 2019 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	274714
Ion	Ratio	Lower	Upper
97	100		
83	87.0	68.6	102.8
85	54.9	44.5	66.7
99	65.8	52.2	78.4

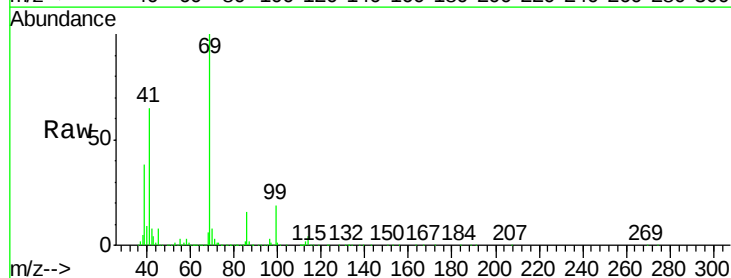


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

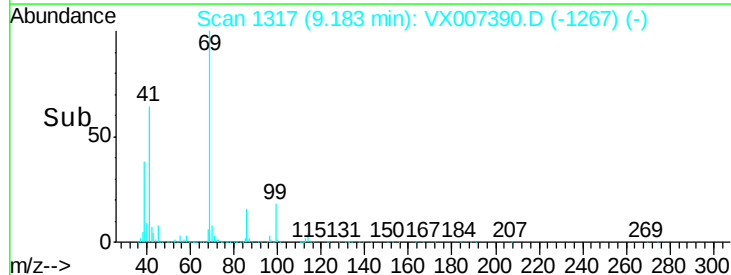
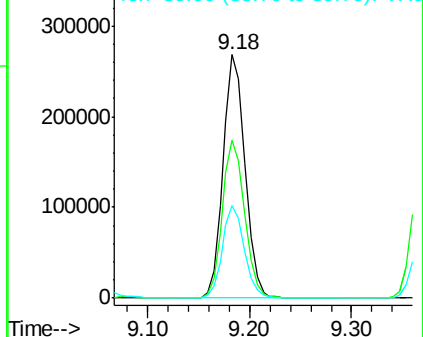


#56
 Ethyl methacrylate
 Concen: 54.427 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VX007390.D
 Acq: 06 Feb 2019 10:38

Tgt Ion:	69	Resp:	401572
Ion	Ratio	Lower	Upper
69	100		
41	65.3	52.1	78.1
39	37.5	30.1	45.1



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





#57

1,3-Dichloropropane

Concen: 52.361 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

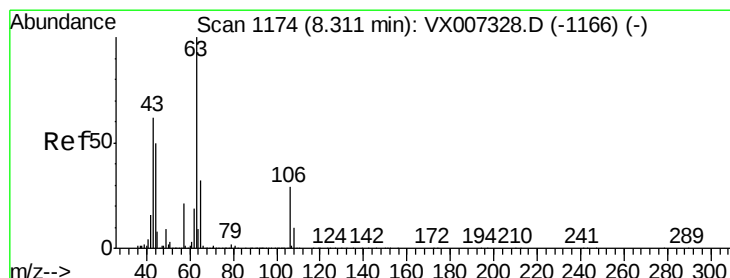
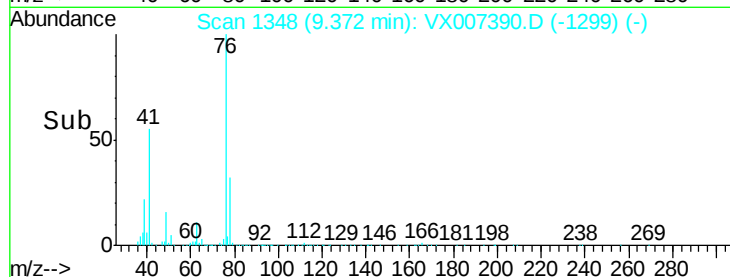
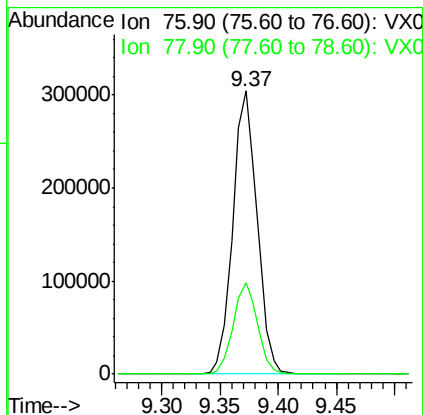
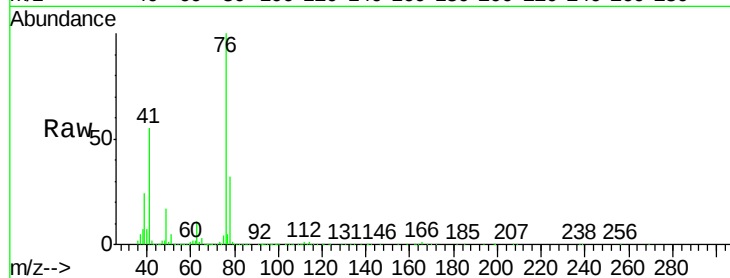
VSTDCCC050

Tot Ion: 76 Resp: 443589

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 356.333 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX007390.D

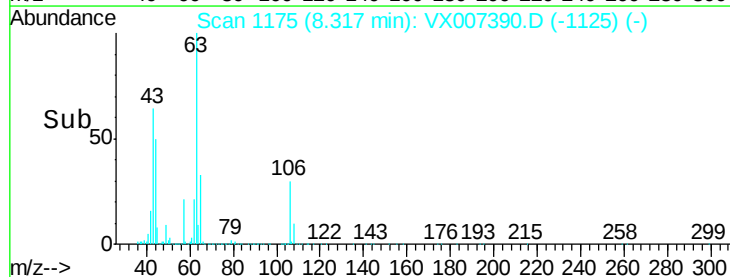
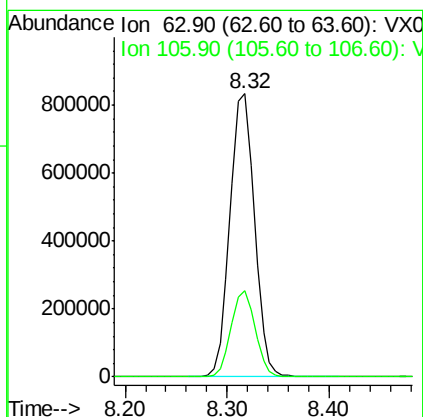
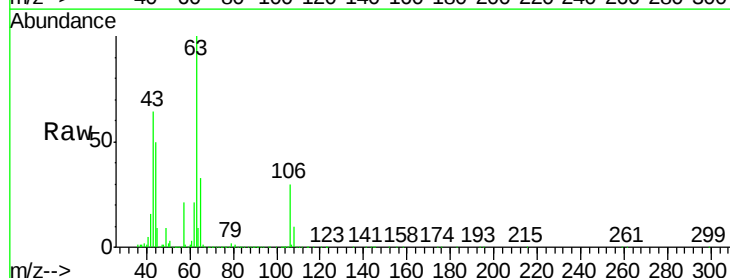
Acq: 06 Feb 2019 10:38

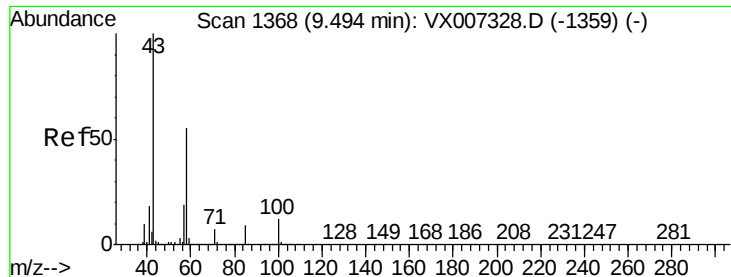
Tgt Ion: 63 Resp: 1385756

Ion Ratio Lower Upper

63 100

106 29.8 23.6 35.4

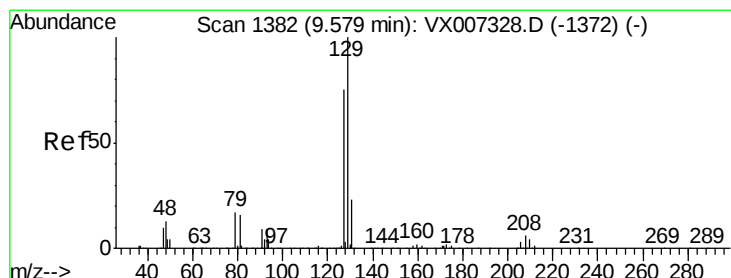
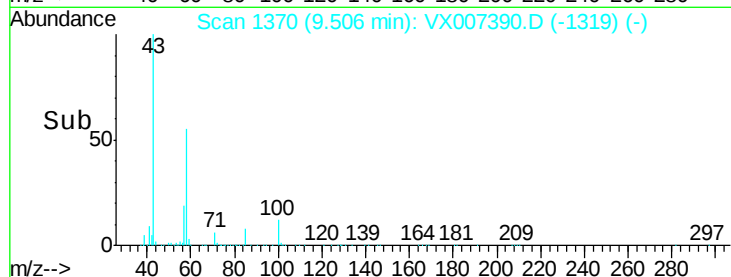
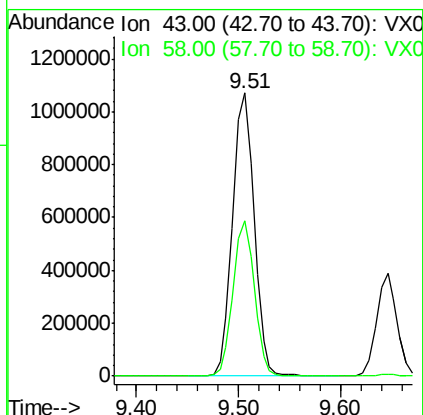
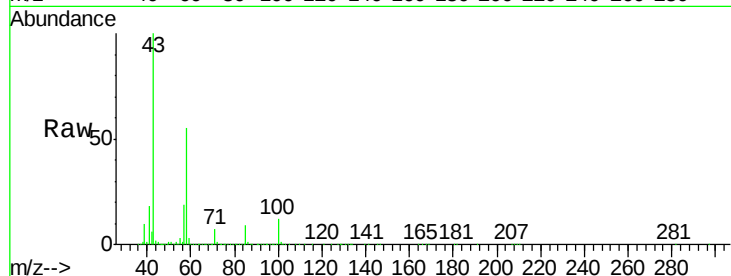




#59
2-Hexanone
Concen: 291.550 ug/l
RT: 9.51 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

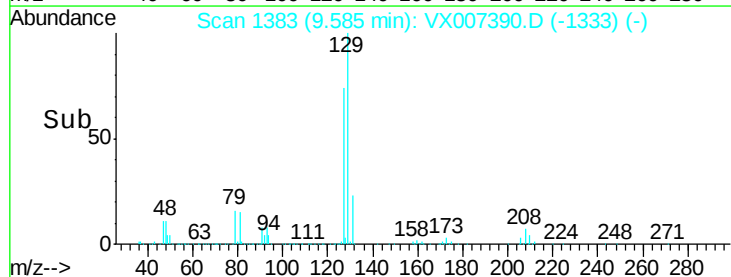
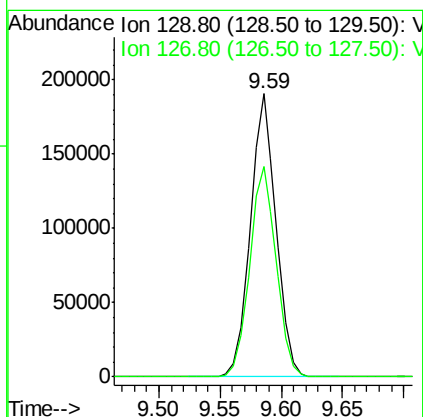
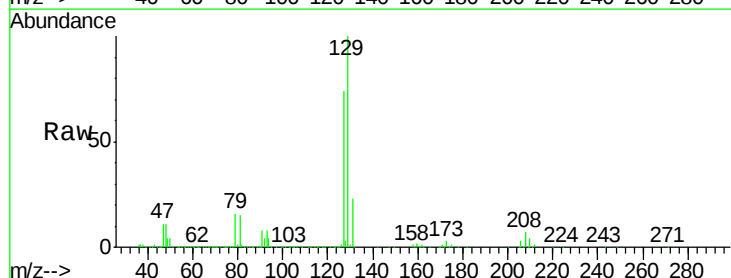
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

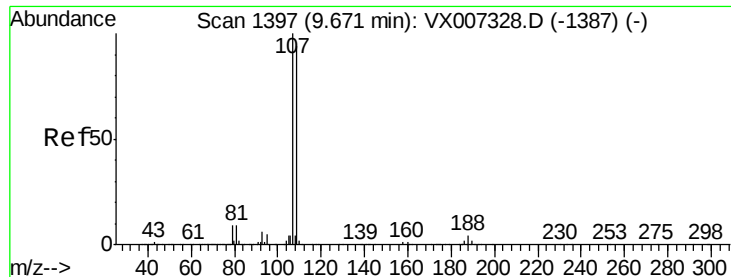
Tot Ion: 43 Resp: 1567009
Ion Ratio Lower Upper
43 100
58 54.2 27.1 81.3



#60
Dibromochloromethane
Concen: 55.191 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Tgt Ion: 129 Resp: 278065
Ion Ratio Lower Upper
129 100
127 76.6 37.8 113.4





#61

1,2-Dibromoethane

Concen: 52.344 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

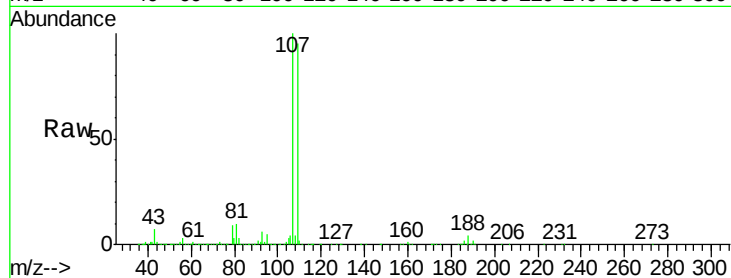
VSTDCCC050

Tot Ion:107 Resp: 295300

Ion Ratio Lower Upper

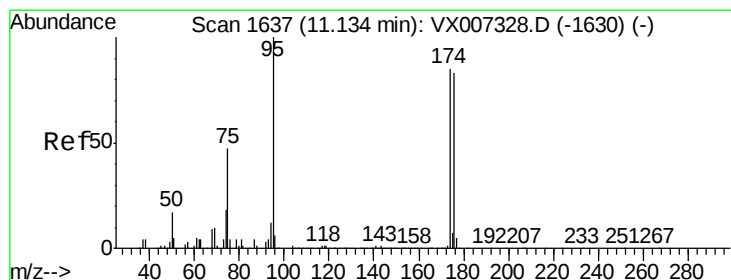
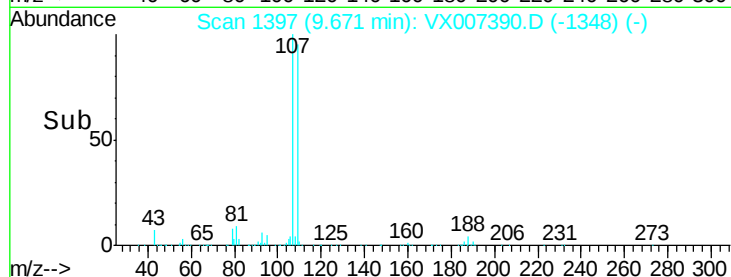
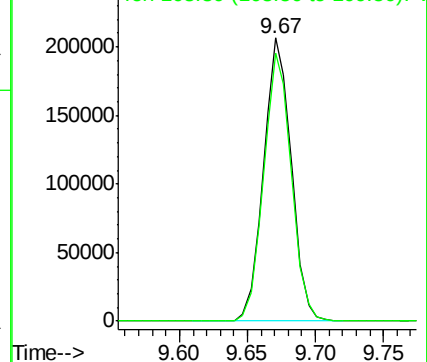
107 100

109 94.7 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 55.882 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

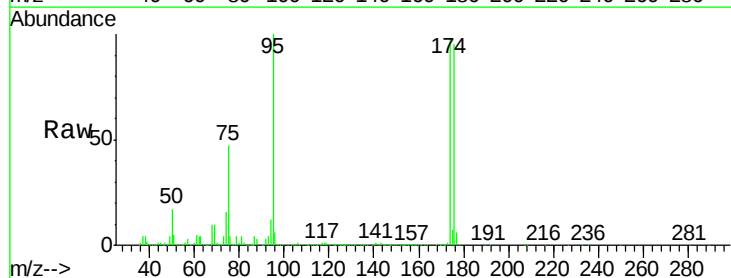
Tgt Ion: 95 Resp: 369129

Ion Ratio Lower Upper

95 100

174 97.2 0.0 189.2

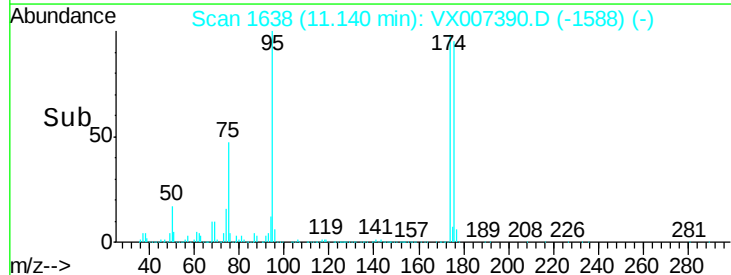
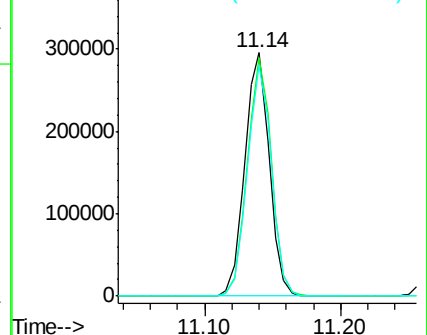
176 94.0 0.0 186.2

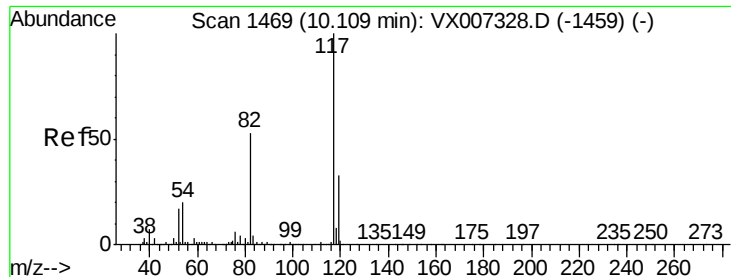


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

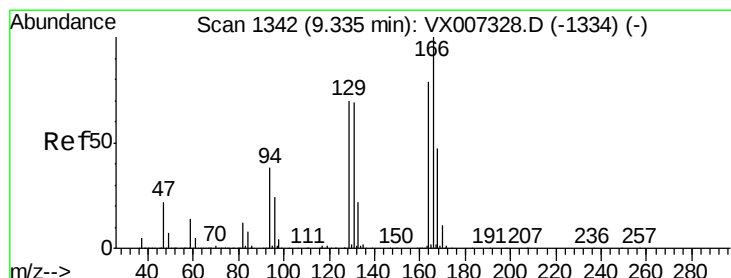
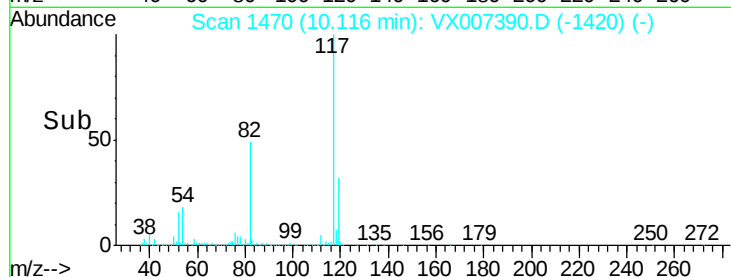
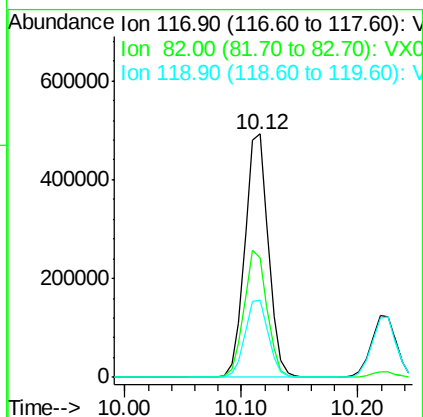
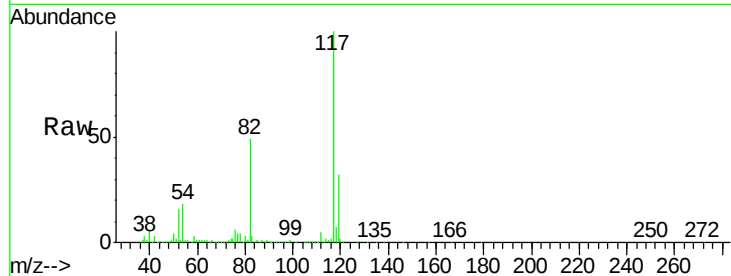




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

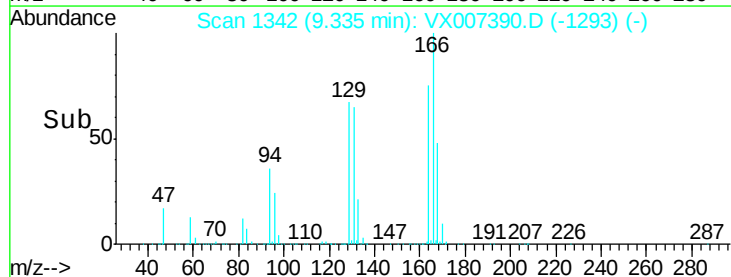
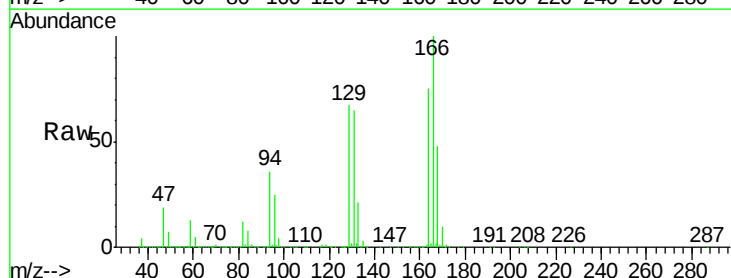
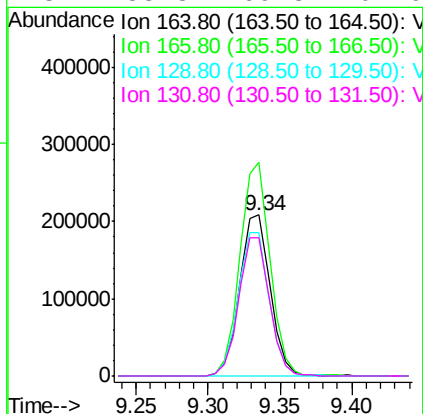
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 694172
Ion Ratio Lower Upper
117 100
82 49.0 42.1 63.1
119 31.7 26.5 39.7



#64
Tetrachloroethene
Concen: 47.182 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Tgt Ion:164 Resp: 308701
Ion Ratio Lower Upper
164 100
166 132.7 101.0 151.4
129 88.9 70.5 105.7
131 85.8 69.8 104.6





#65

Chlorobenzene

Concen: 50.823 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

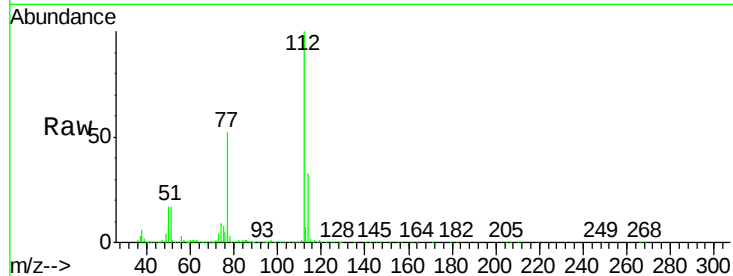
VSTDCCC050

Tot Ion:112 Resp: 769880

Ion Ratio Lower Upper

112 100

114 32.6 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

600000

500000

400000

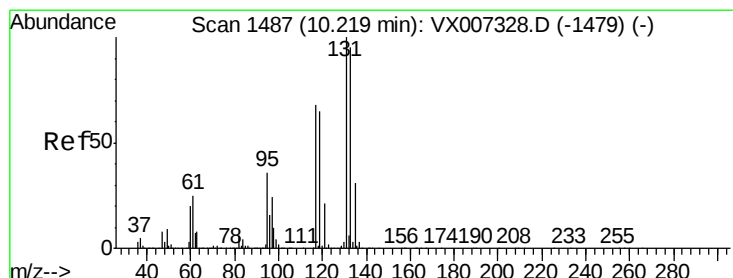
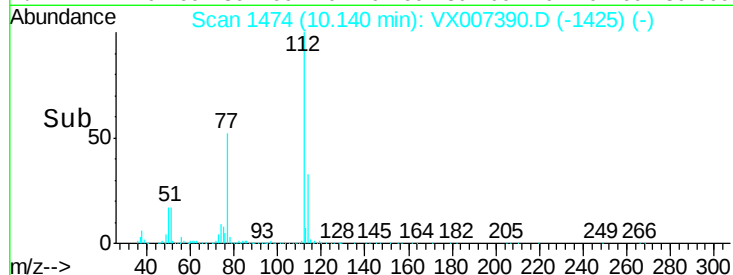
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 54.903 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

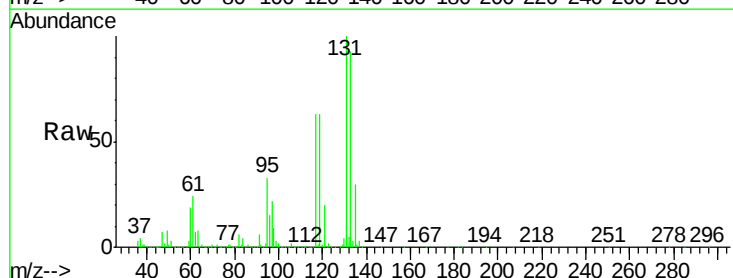
Tgt Ion:131 Resp: 278837

Ion Ratio Lower Upper

131 100

133 96.3 48.0 144.2

119 64.2 32.0 96.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

250000

200000

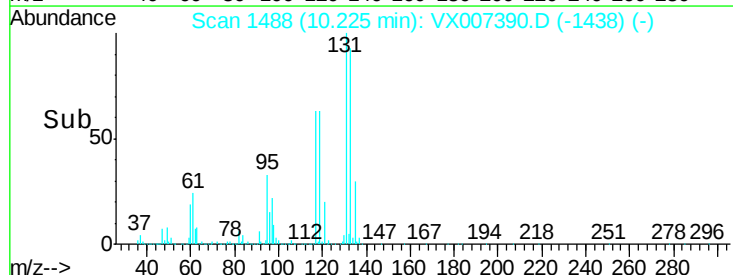
150000

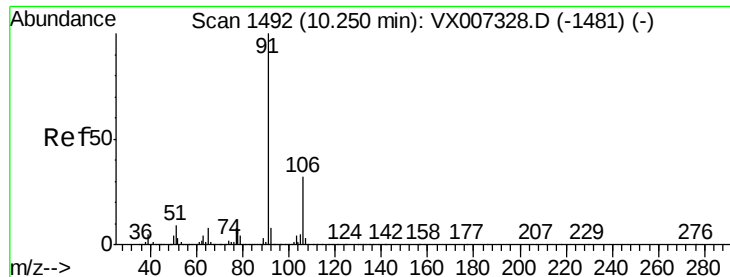
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 53.003 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

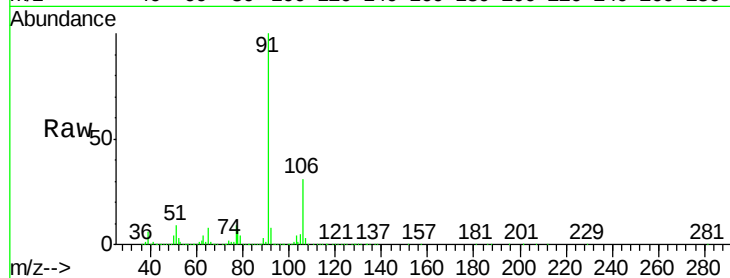
VSTDCCC050

Tot Ion: 91 Resp: 1292980

Ion Ratio Lower Upper

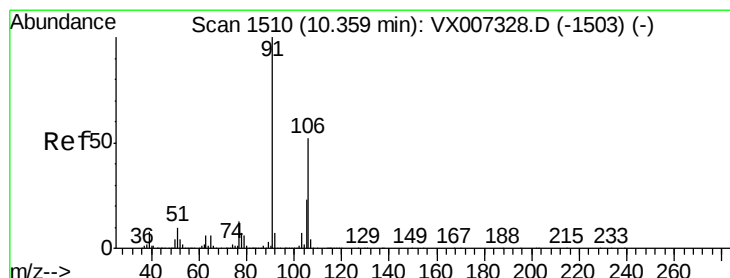
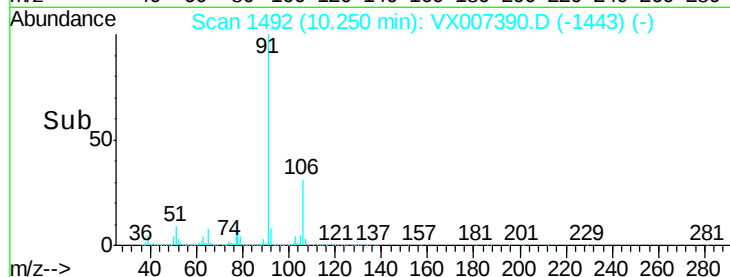
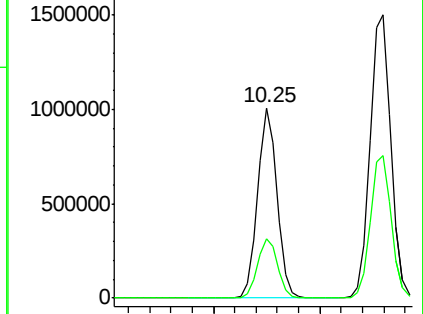
91 100

106 31.4 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX007328.D (-1481) (-)

Ion 106.00 (105.70 to 106.70): VX007328.D (-1481) (-)



#68

m/p-Xylenes

Concen: 106.874 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007390.D

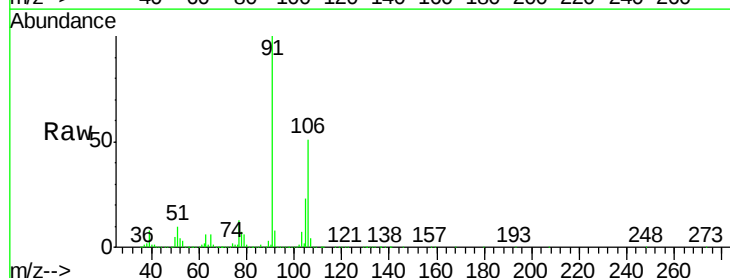
Acq: 06 Feb 2019 10:38

Tgt Ion: 106 Resp: 1036362

Ion Ratio Lower Upper

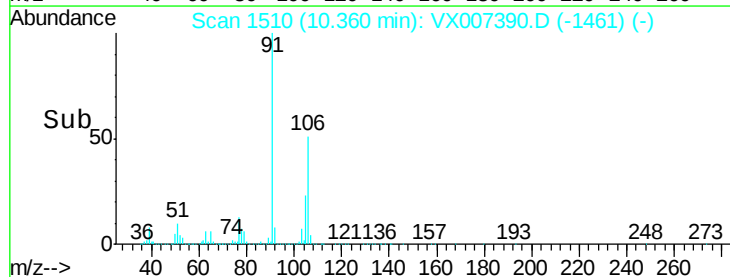
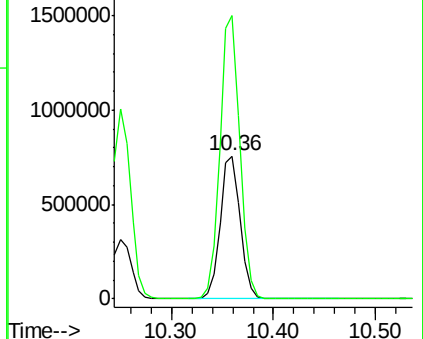
106 100

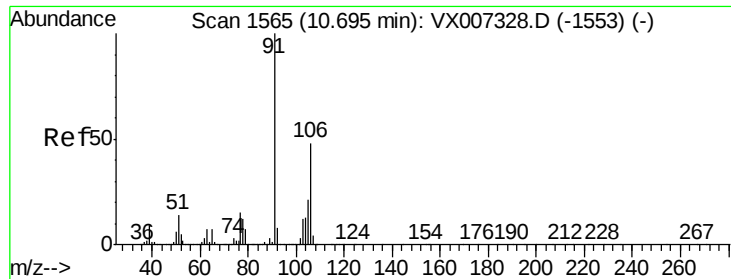
91 197.5 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): VX007328.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX007328.D (-1503) (-)

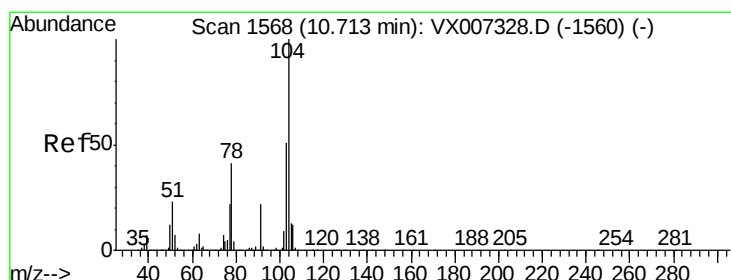
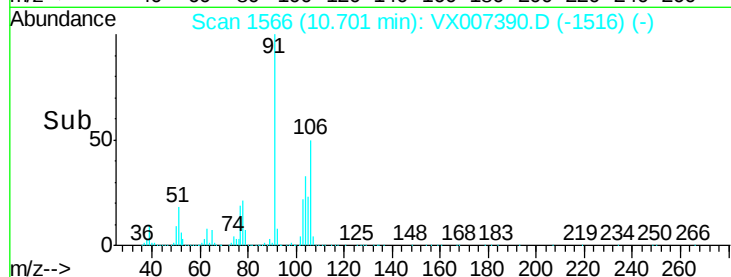
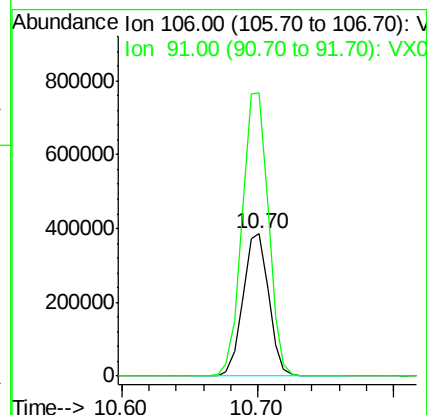
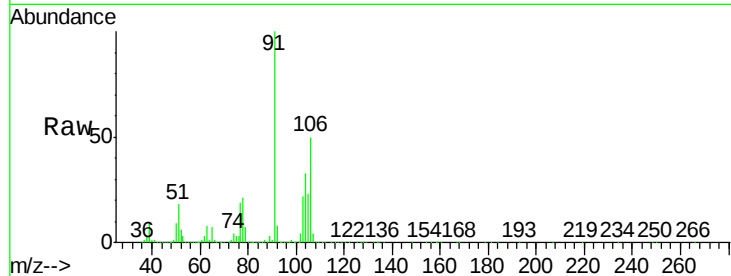




#69
o-Xylene
Concen: 54.396 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

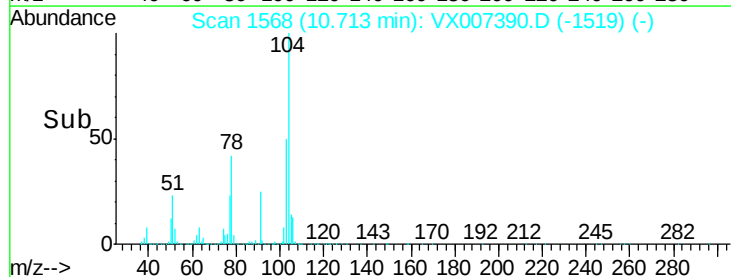
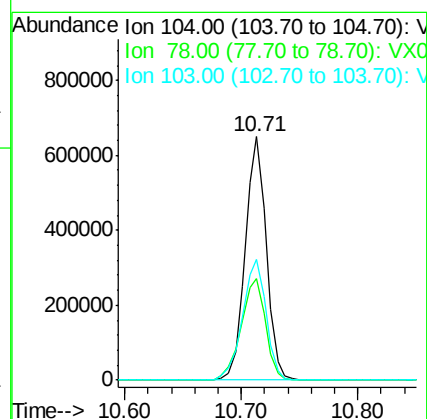
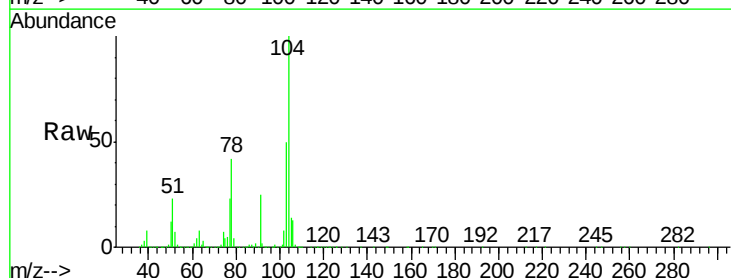
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

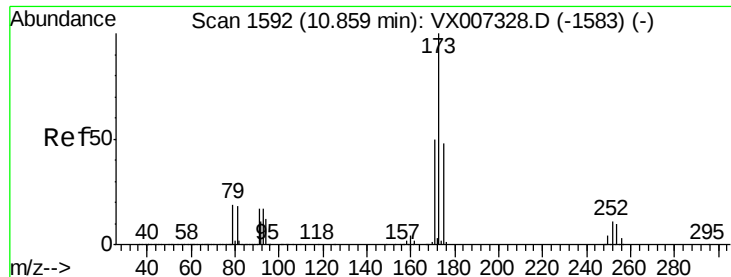
Tot Ion:106 Resp: 507571
Ion Ratio Lower Upper
106 100
91 204.2 102.9 308.7



#70
Styrene
Concen: 54.294 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Tgt Ion:104 Resp: 821615
Ion Ratio Lower Upper
104 100
78 48.3 38.3 57.5
103 55.5 44.6 67.0





#71

Bromoform

Concen: 49.884 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

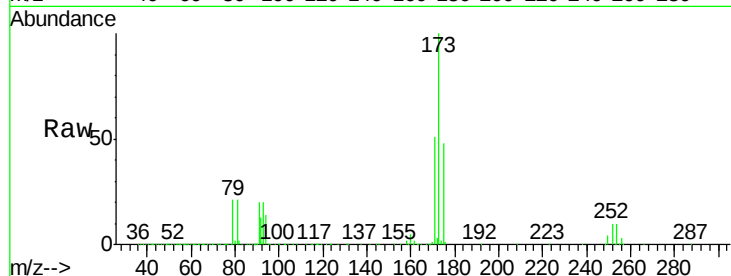
Tot Ion:173 Resp: 222162

Ion Ratio Lower Upper

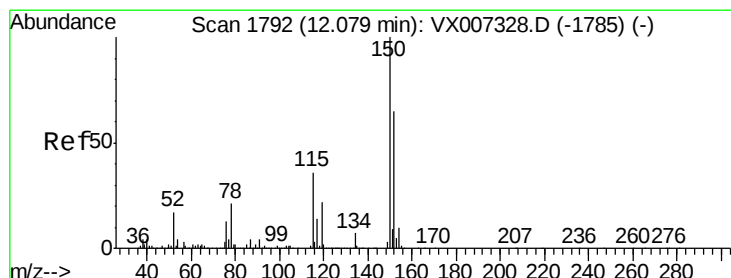
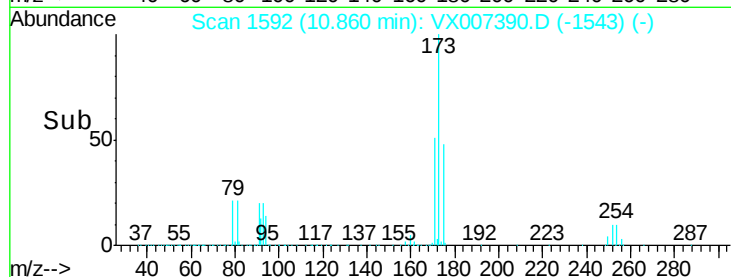
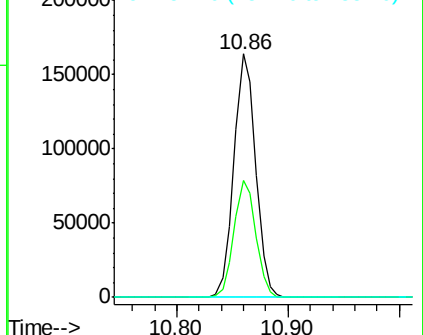
173 100

175 48.5 24.2 72.6

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: VX007390.D

Acq: 06 Feb 2019 10:38

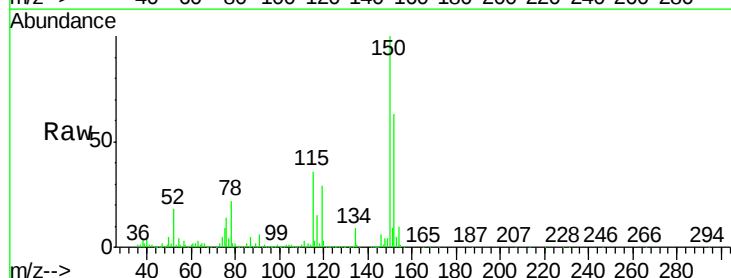
Tgt Ion:152 Resp: 403179

Ion Ratio Lower Upper

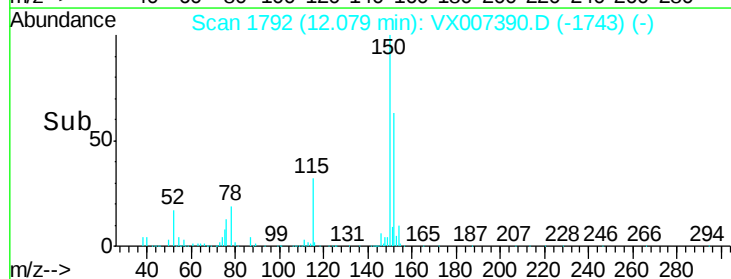
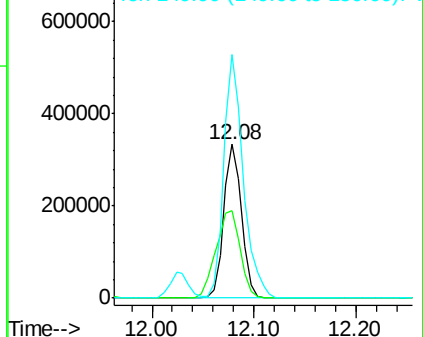
152 100

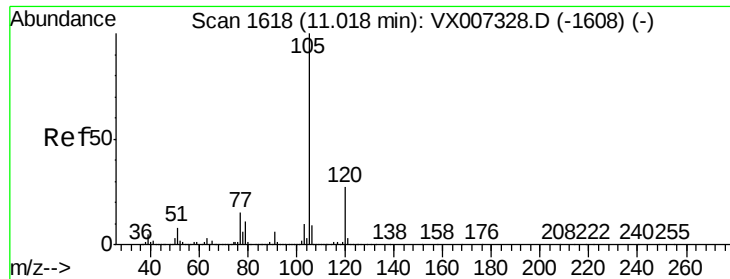
115 78.1 38.0 114.0

150 174.3 0.0 346.4



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: 49.473 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

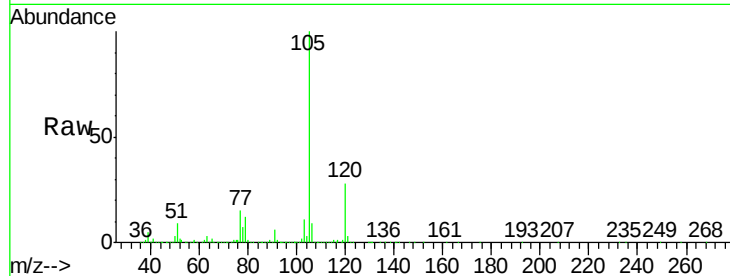
VSTDCCC050

Tot Ion:105 Resp: 1355470

Ion Ratio Lower Upper

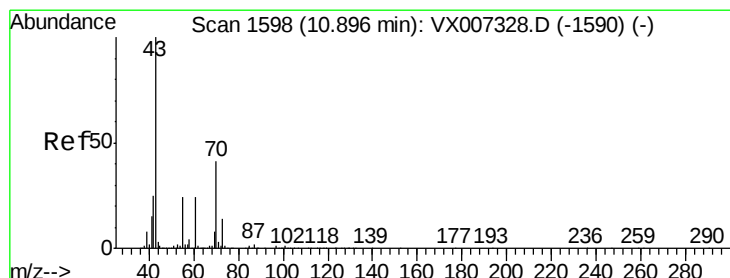
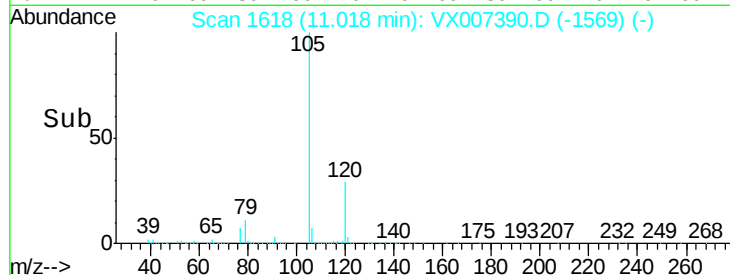
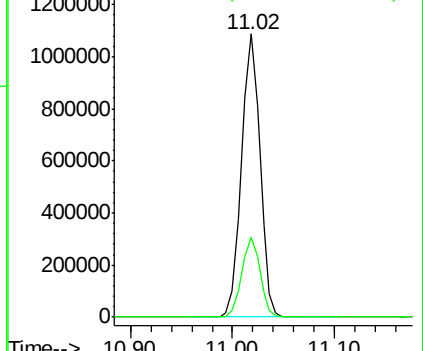
105 100

120 27.8 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.935 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Tgt Ion: 43 Resp: 571562

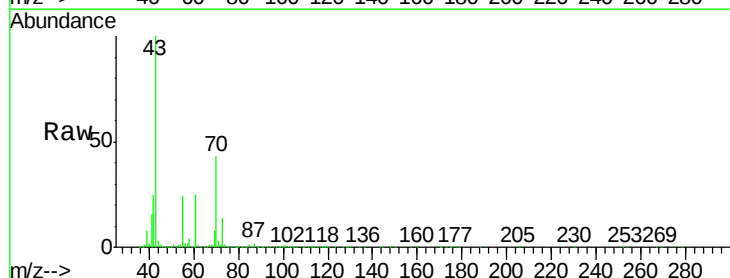
Ion Ratio Lower Upper

43 100

70 43.1 33.8 50.6

55 24.7 19.5 29.3

61 24.3 19.4 29.2

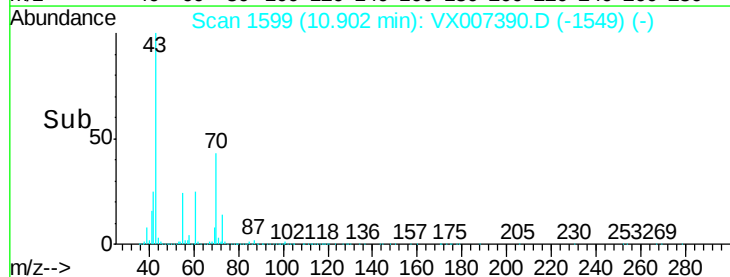
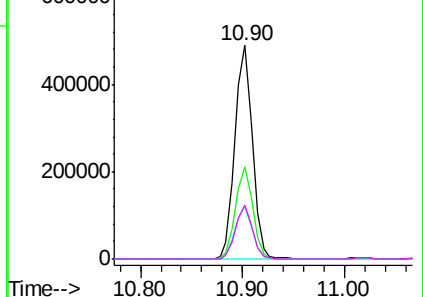


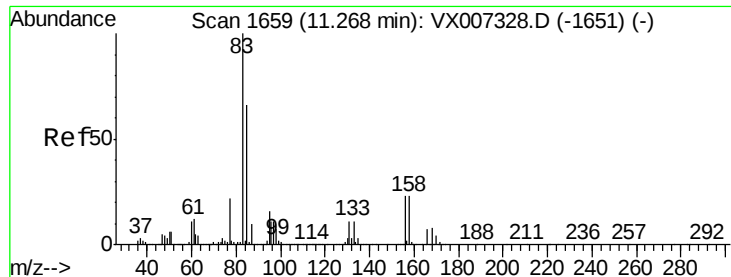
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 54.367 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

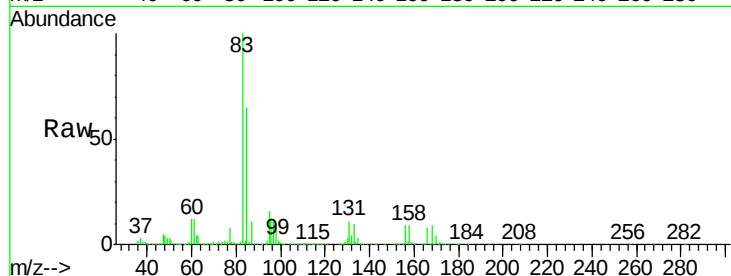
Tot Ion: 83 Resp: 453955

Ion Ratio Lower Upper

83 100

131 10.8 5.7 17.0

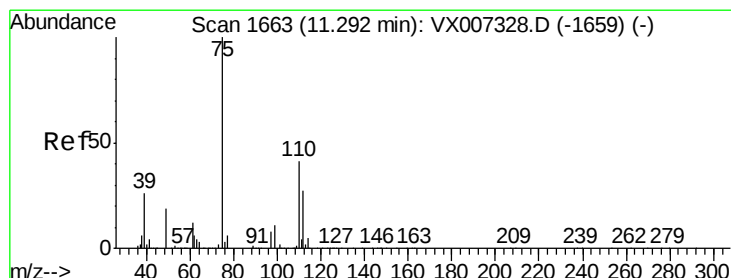
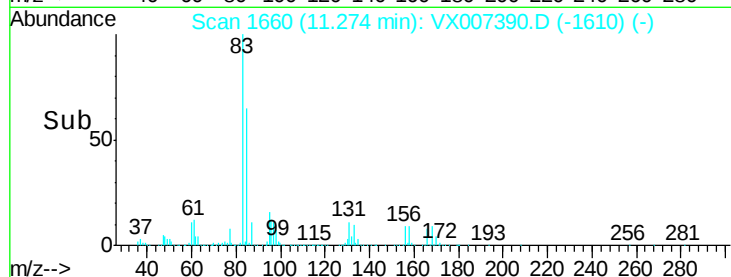
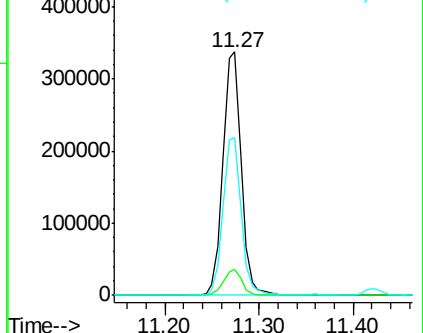
85 64.7 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX007328.D (-1651) (-)

Ion 130.80 (130.50 to 131.50): VX007328.D (-1651) (-)

Ion 84.90 (84.60 to 85.60): VX007328.D (-1651) (-)



#76

1,2,3-Trichloropropane

Concen: 64.660 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX007390.D

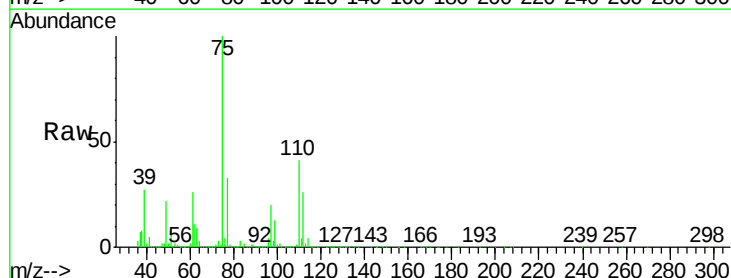
Acq: 06 Feb 2019 10:38

Tgt Ion: 75 Resp: 507088

Ion Ratio Lower Upper

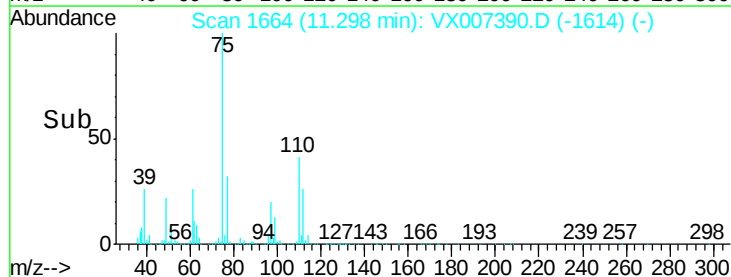
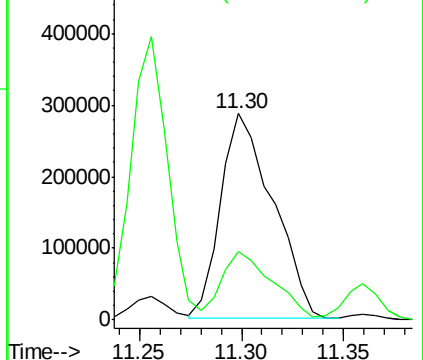
75 100

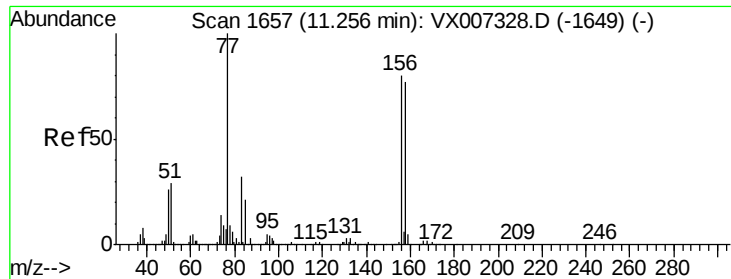
77 32.7 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX007328.D (-1659) (-)

Ion 77.00 (76.70 to 77.70): VX007328.D (-1659) (-)





#77

Bromobenzene

Concen: 47.958 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

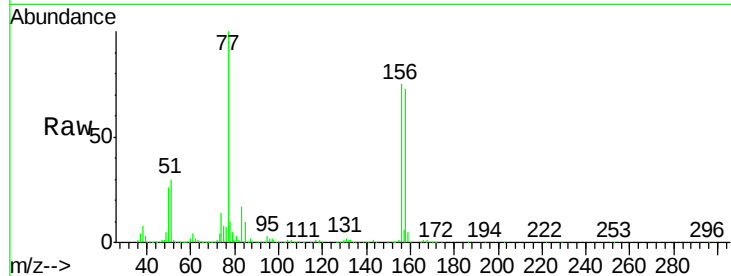
Tot Ion:156 Resp: 370214

Ion Ratio Lower Upper

156 100

77 135.2 66.8 200.6

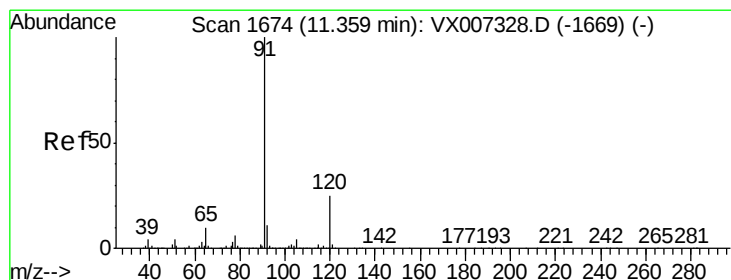
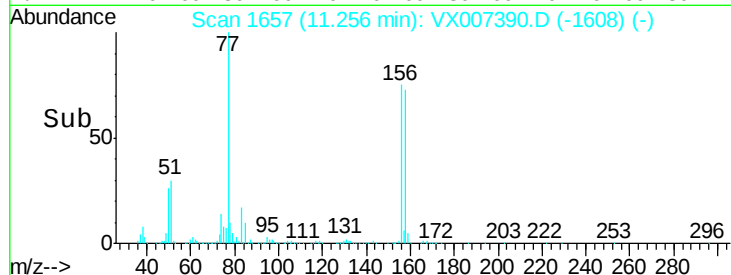
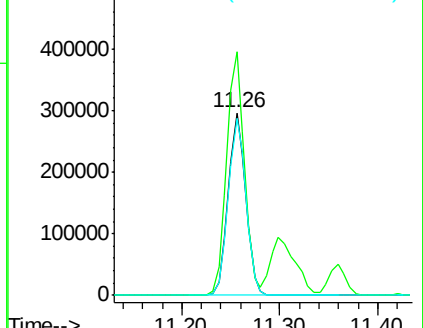
158 98.0 47.9 143.8



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: 51.133 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007390.D

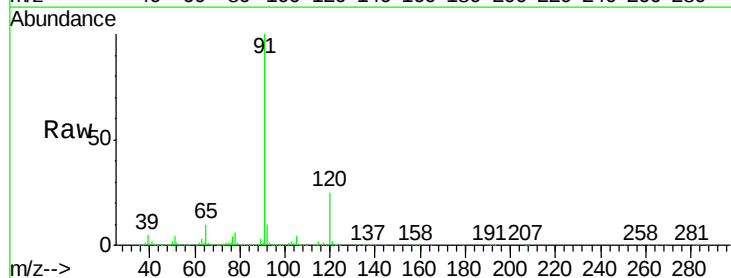
Acq: 06 Feb 2019 10:38

Tgt Ion: 91 Resp: 1536216

Ion Ratio Lower Upper

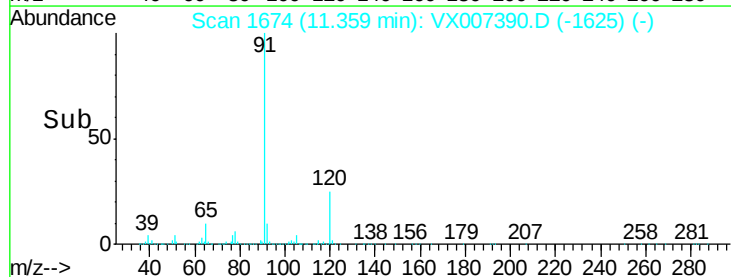
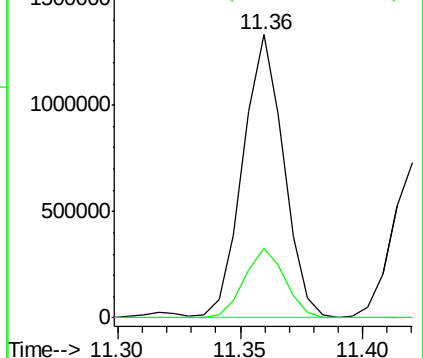
91 100

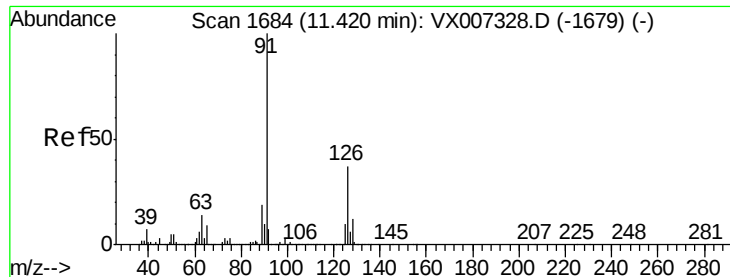
120 24.7 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.875 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

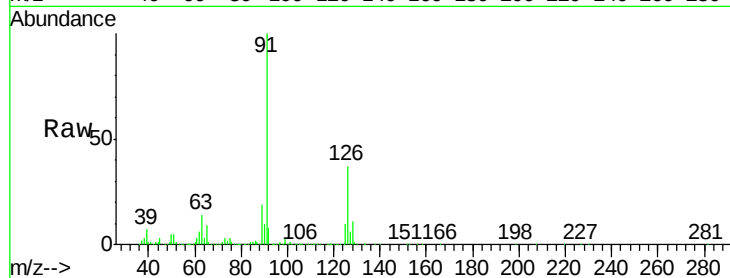
VSTDCCC050

Tot Ion: 91 Resp: 909216

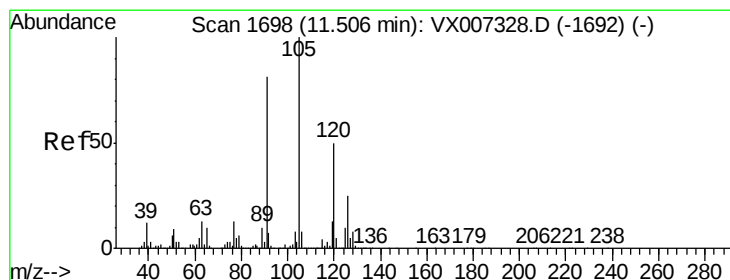
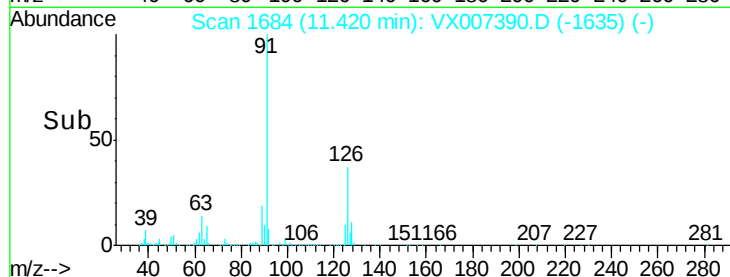
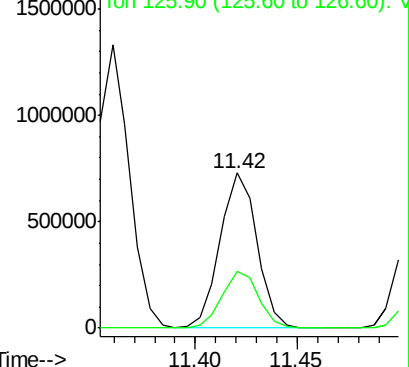
Ion Ratio Lower Upper

91 100

126 37.0 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX007328.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.097 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007390.D

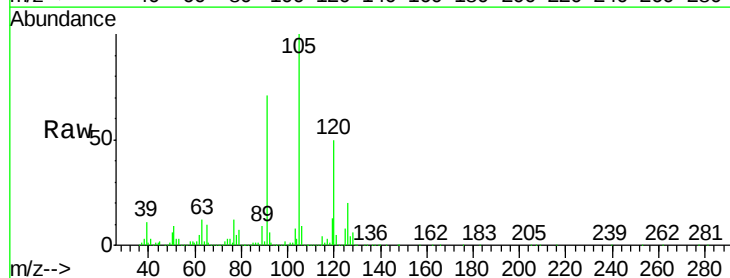
Acq: 06 Feb 2019 10:38

Tgt Ion: 105 Resp: 1167754

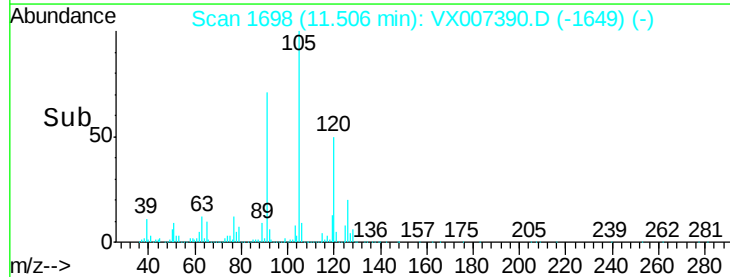
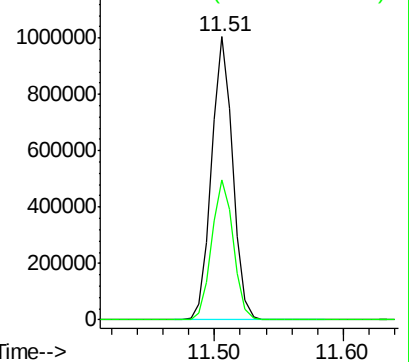
Ion Ratio Lower Upper

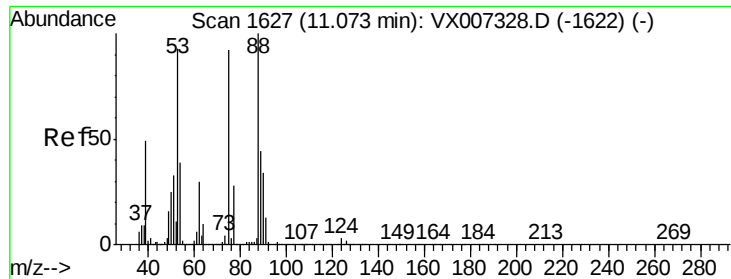
105 100

120 50.5 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX007328.D (-1692) (-)

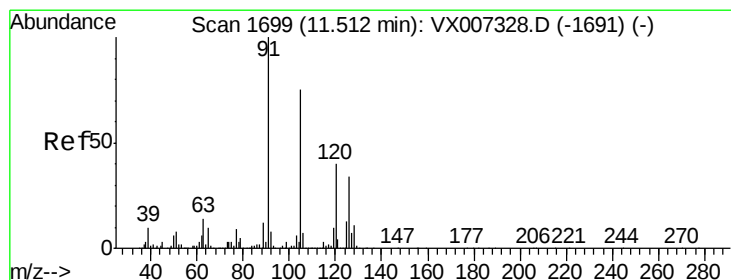
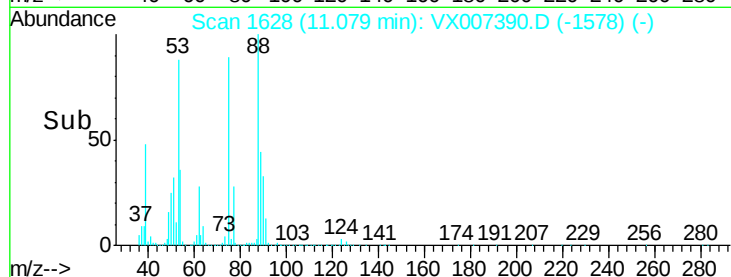
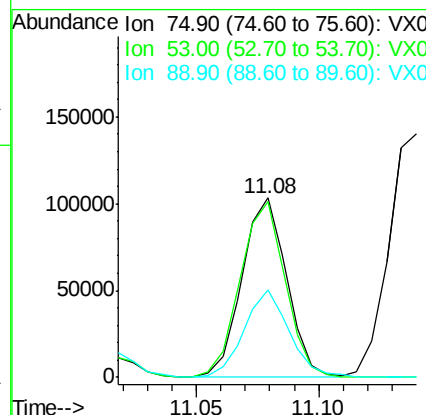
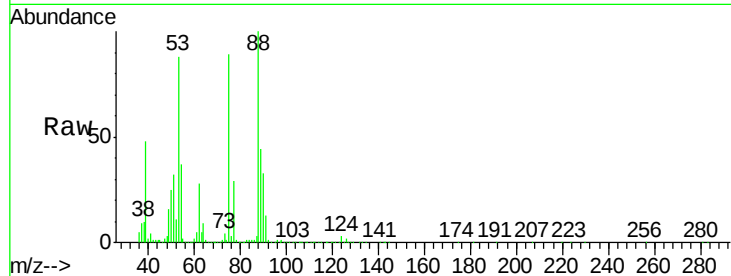




#81
trans-1,4-Dichloro-2-butene
Concen: 51.221 ug/l
RT: 11.08 min Scan# 1628
Delta R.T. 0.01 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

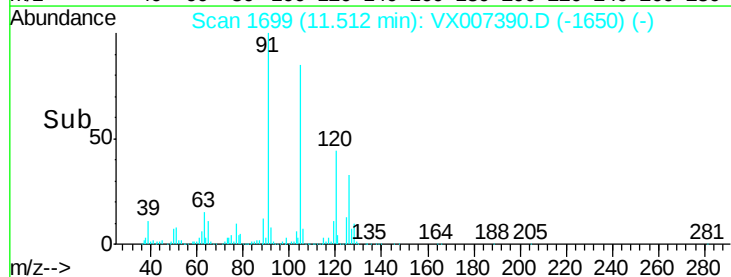
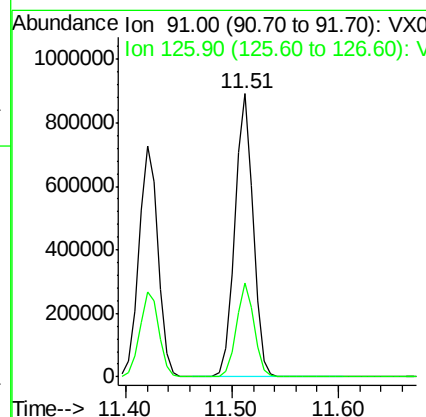
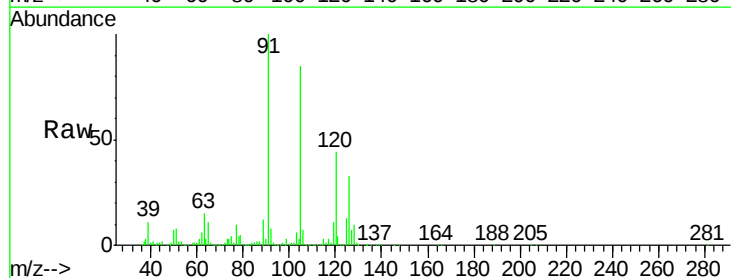
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

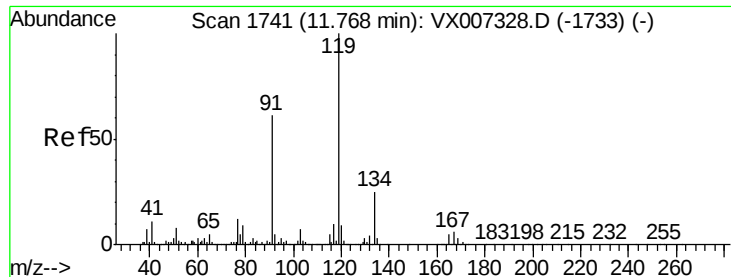
Tot Ion: 75 Resp: 130244
Ion Ratio Lower Upper
75 100
53 99.4 81.0 121.6
89 50.0 41.4 62.0



#82
4-Chlorotoluene
Concen: 51.046 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Tgt Ion: 91 Resp: 1076760
Ion Ratio Lower Upper
91 100
126 32.0 16.2 48.5





#83

tert-Butylbenzene

Concen: 53.451 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

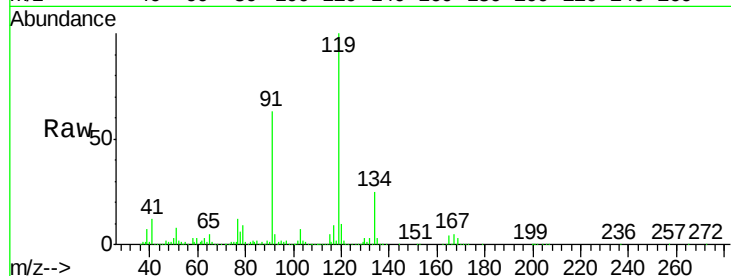
Tot Ion:119 Resp: 1186192

Ion Ratio Lower Upper

119 100

91 55.1 28.5 85.6

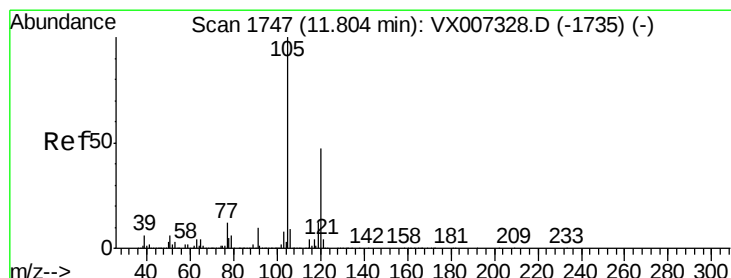
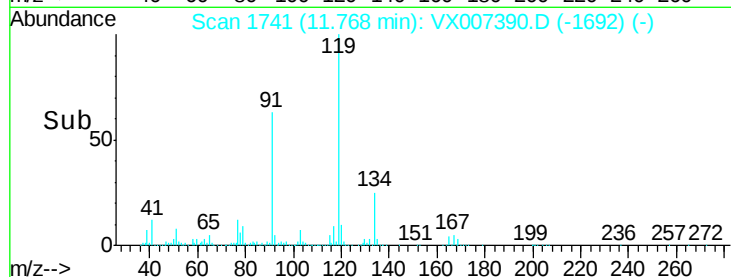
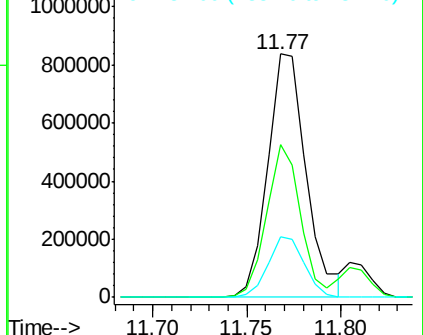
134 23.5 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.245 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007390.D

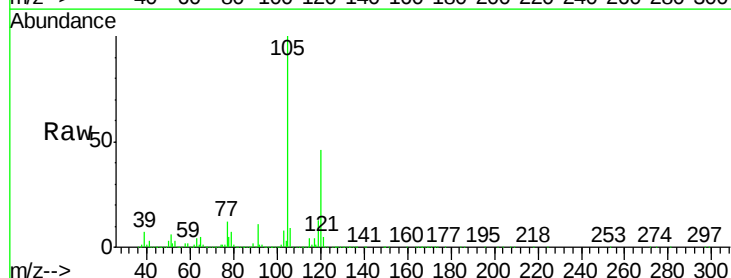
Acq: 06 Feb 2019 10:38

Tgt Ion:105 Resp: 1188908

Ion Ratio Lower Upper

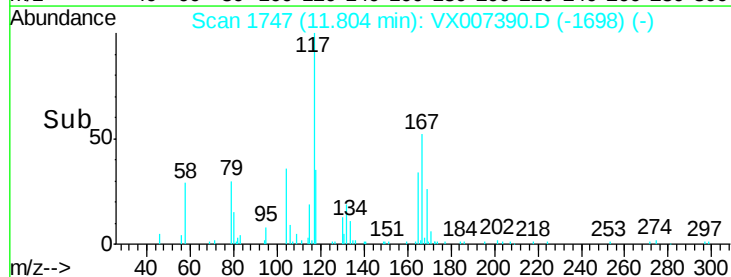
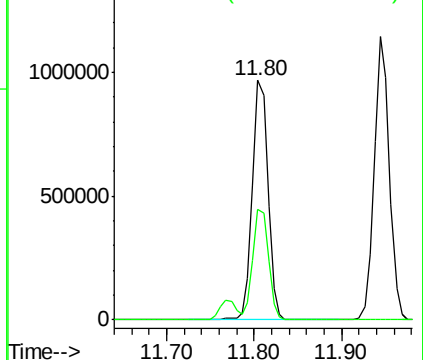
105 100

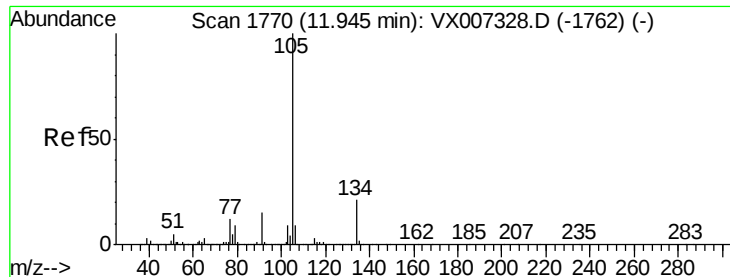
120 46.3 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.663 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

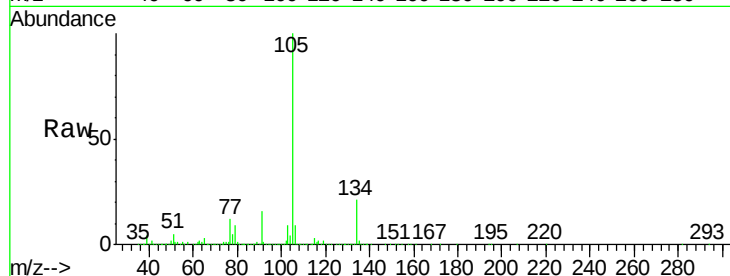
VSTDCCC050

Tot Ion:105 Resp: 1387647

Ion Ratio Lower Upper

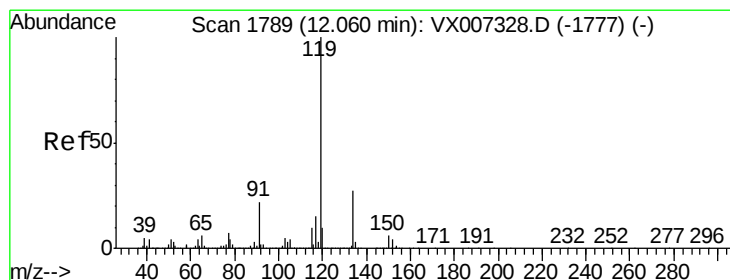
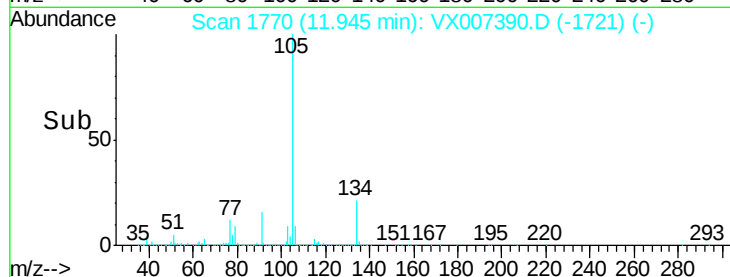
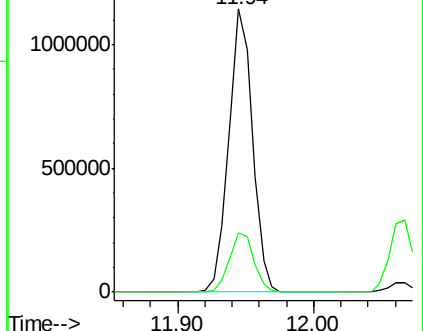
105 100

134 21.6 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.747 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

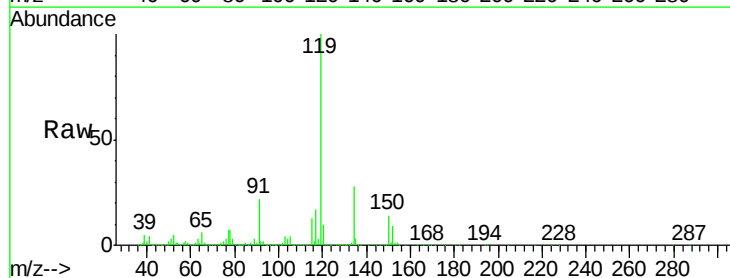
Tgt Ion:119 Resp: 1278908

Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.1

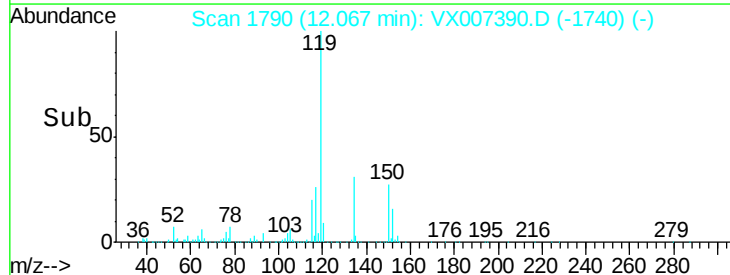
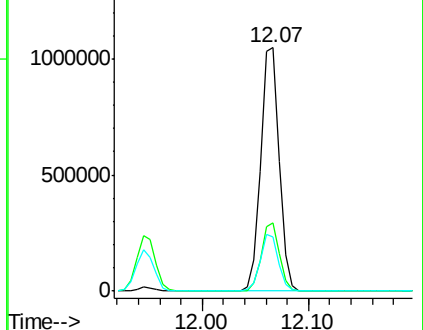
91 22.8 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

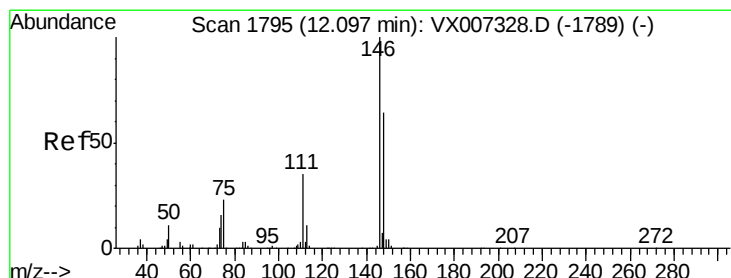
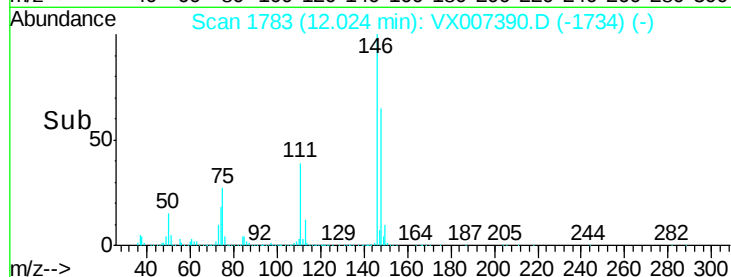
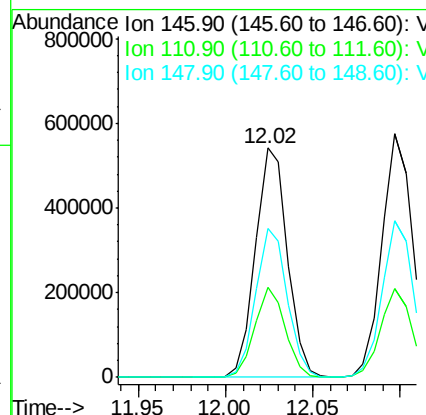
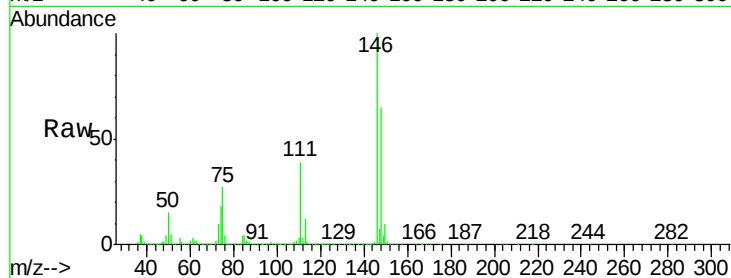




#87
 1,3-Dichlorobenzene
 Concen: 49.677 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007390.D
 Acq: 06 Feb 2019 10:38

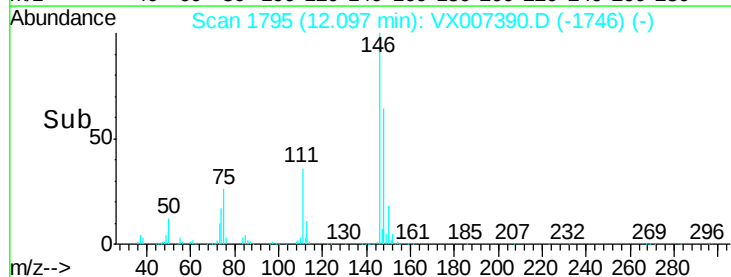
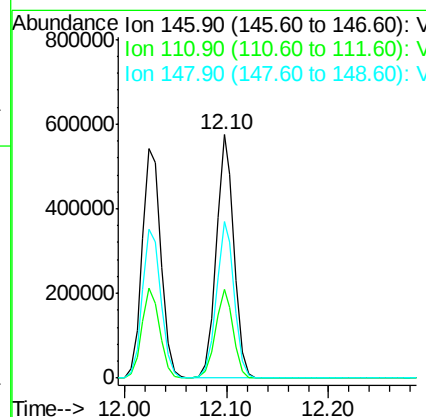
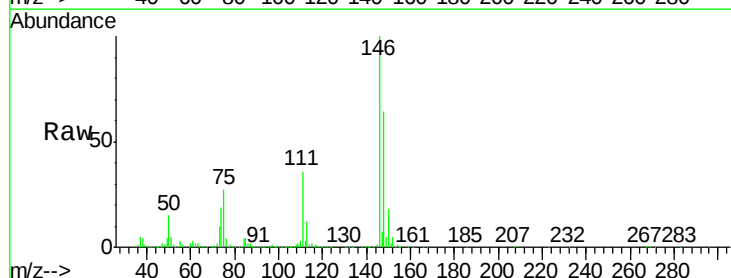
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

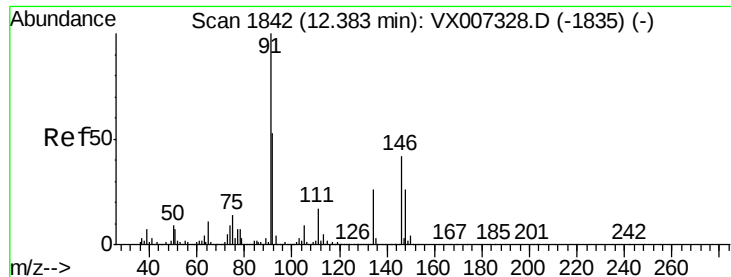
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.1	54.1
148	64.1	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 49.923 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007390.D
 Acq: 06 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.1	54.1
148	64.5	32.3	96.9

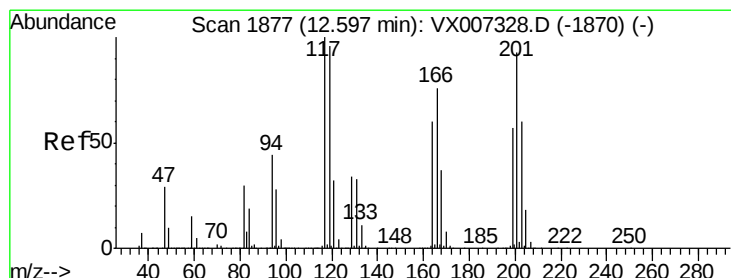
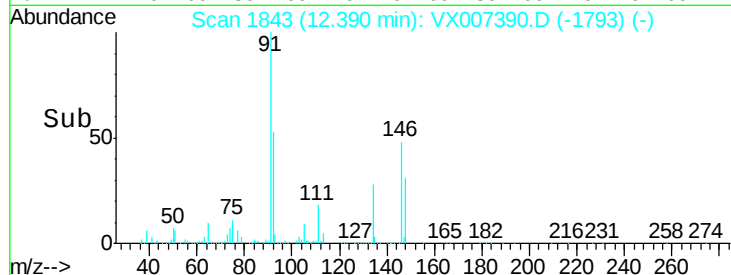
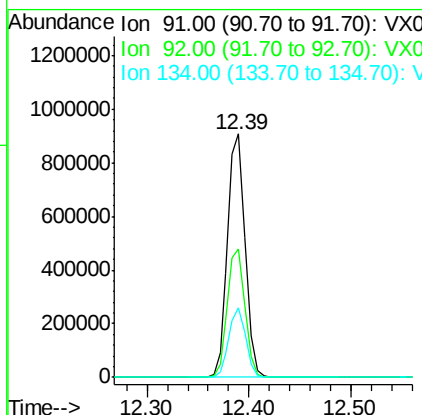
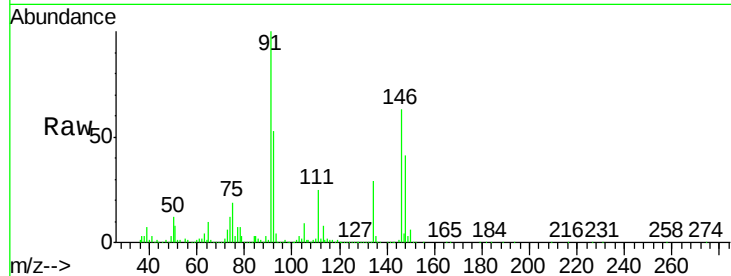




#89
n-Butylbenzene
Concen: 51.586 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

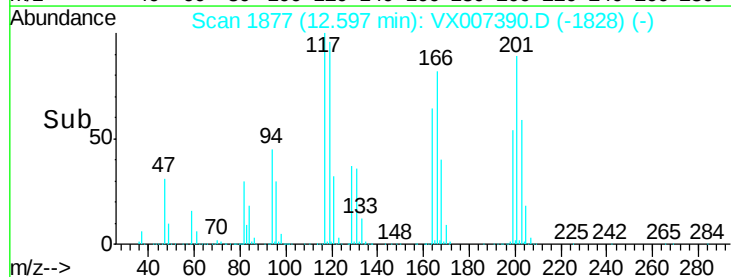
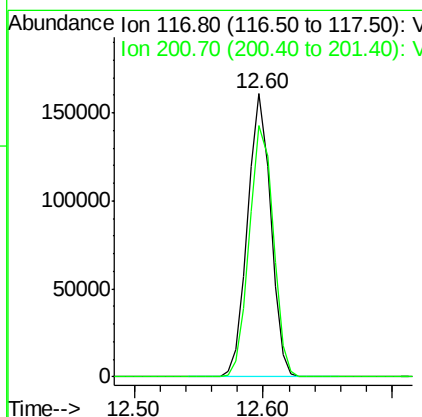
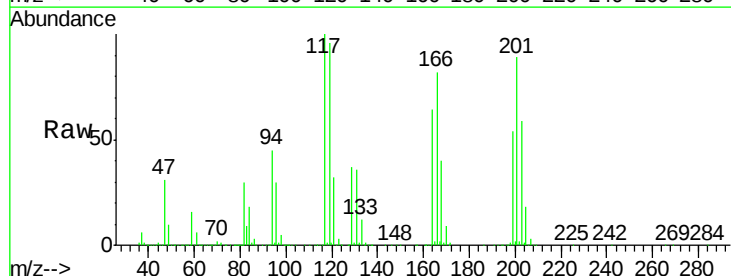
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

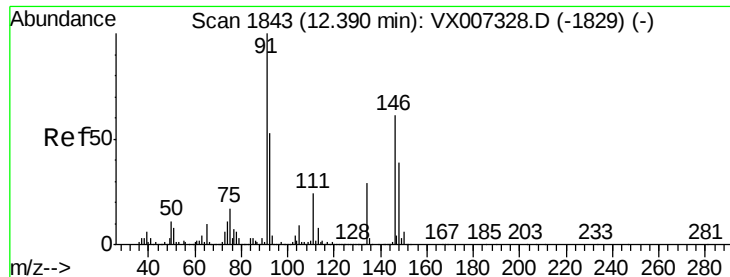
Tot Ion: 91 Resp: 1075947
Ion Ratio Lower Upper
91 100
92 53.1 26.3 78.9
134 27.8 13.9 41.6



#90
Hexachloroethane
Concen: 54.777 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007390.D
Acq: 06 Feb 2019 10:38

Tgt Ion: 117 Resp: 198771
Ion Ratio Lower Upper
117 100
201 91.7 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 52.208 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

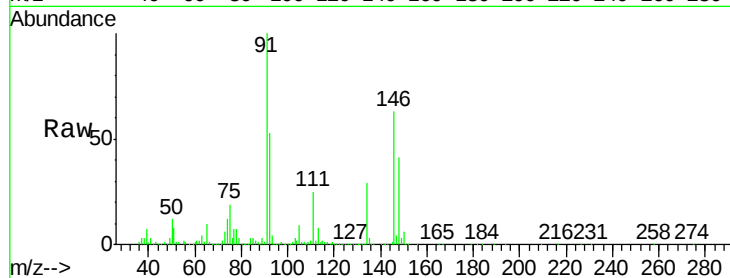
Tot Ion:146 Resp: 719812

Ion Ratio Lower Upper

146 100

111 38.0 19.1 57.3

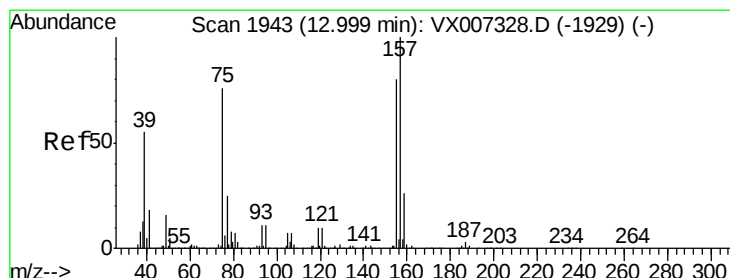
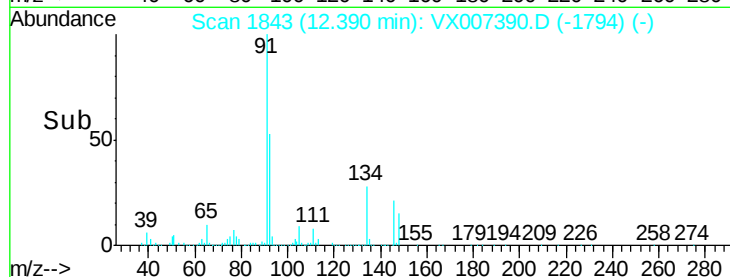
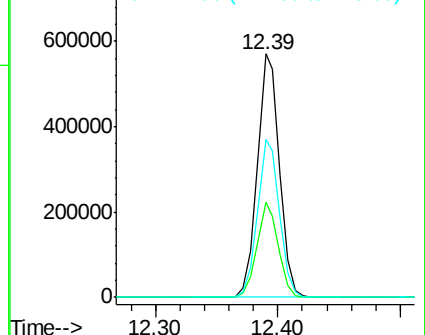
148 64.5 32.1 96.3



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: 54.358 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

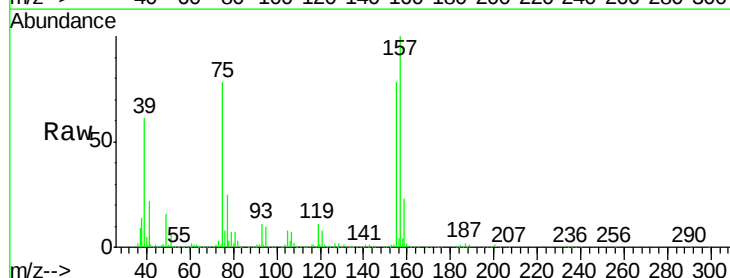
Tgt Ion: 75 Resp: 94376

Ion Ratio Lower Upper

75 100

155 101.4 49.6 149.0

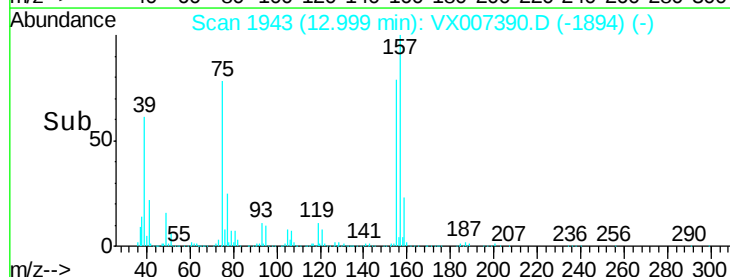
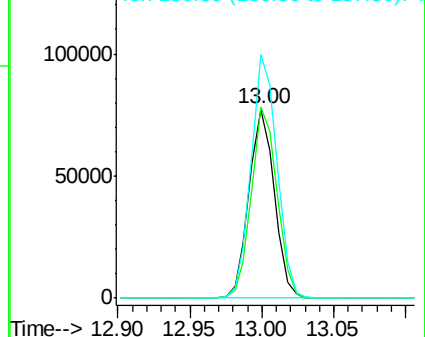
157 131.0 65.1 195.3

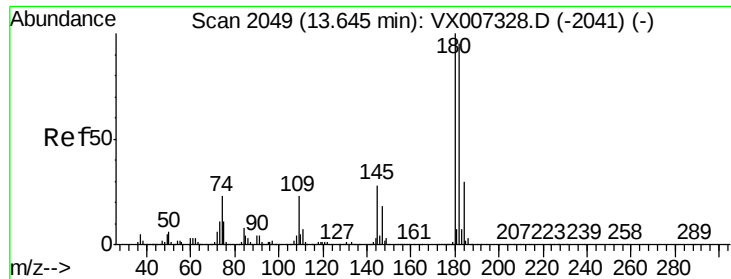


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

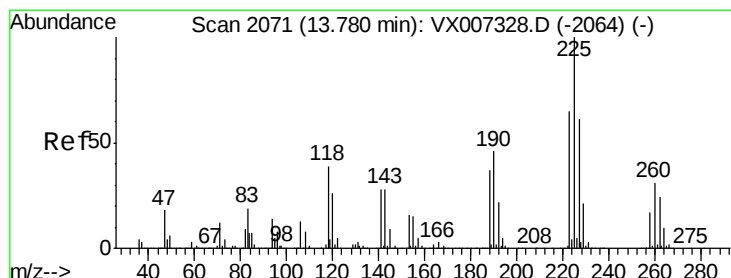
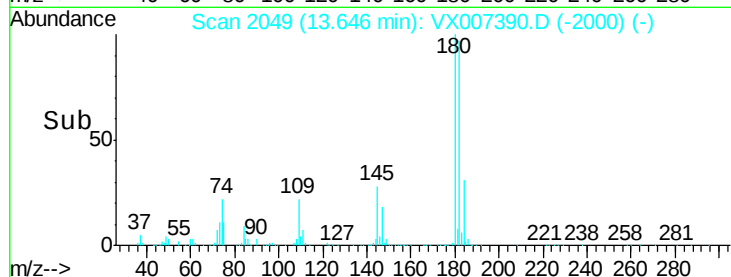
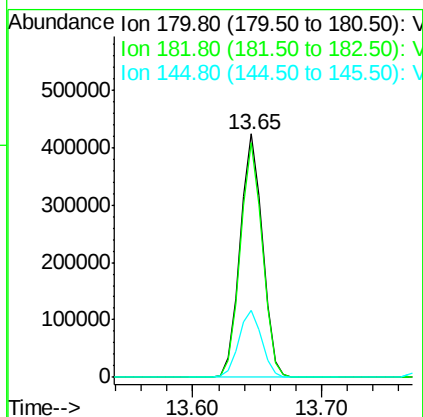
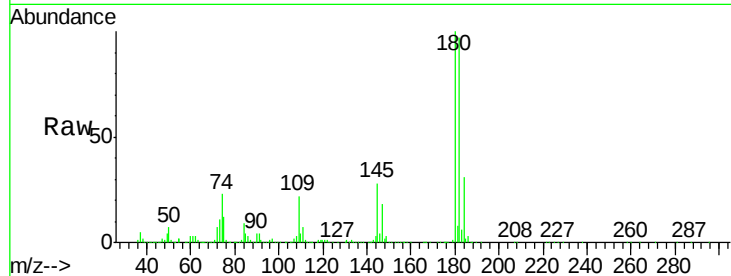




#93
 1,2,4-Trichlorobenzene
 Concen: 54.706 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007390.D
 Acq: 06 Feb 2019 10:38

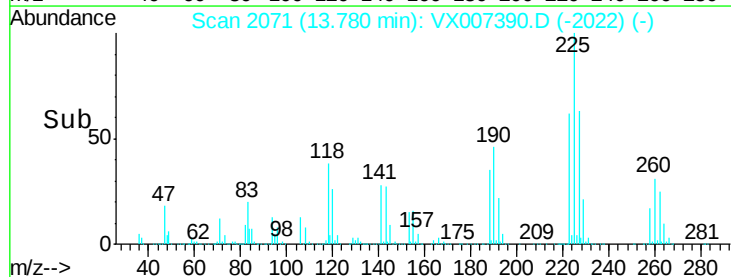
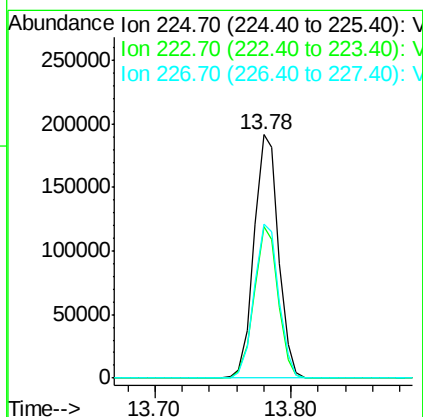
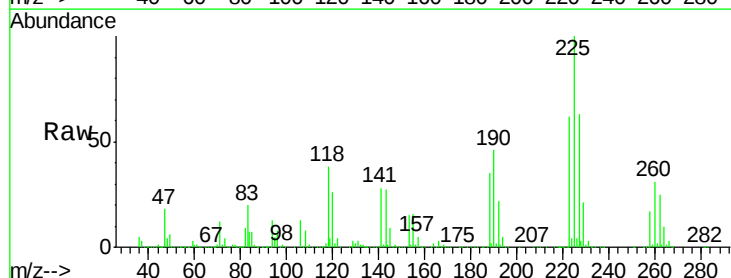
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

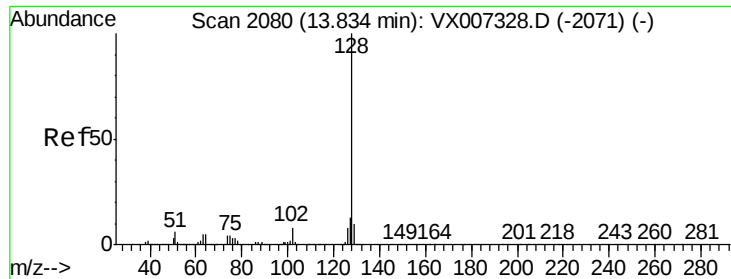
Tot Ion:180 Resp: 508666
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.8 143.3
 145 28.1 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 53.540 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007390.D
 Acq: 06 Feb 2019 10:38

Tgt Ion:225 Resp: 241730
 Ion Ratio Lower Upper
 225 100
 223 61.1 31.6 94.8
 227 63.8 32.1 96.3





#95

Naphthalene

Concen: 56.052 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Instrument :

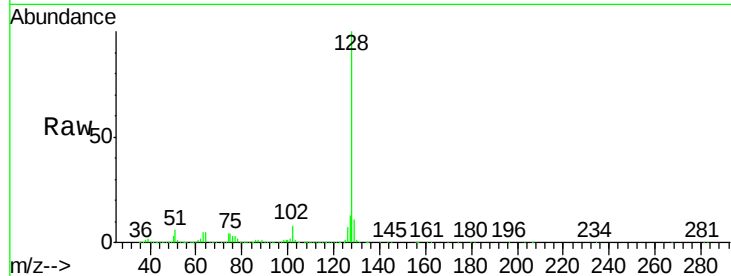
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1524098

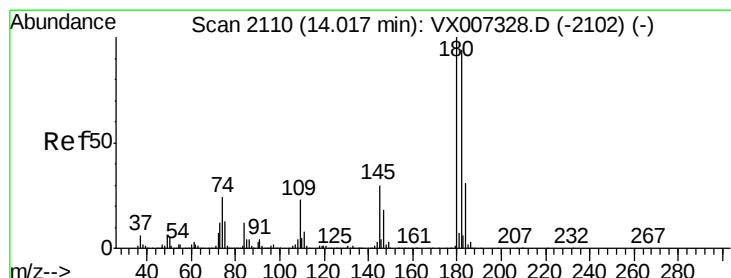
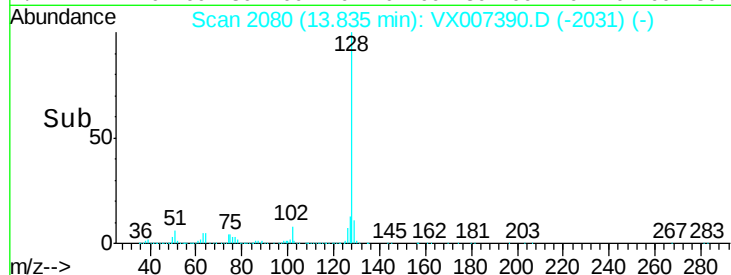
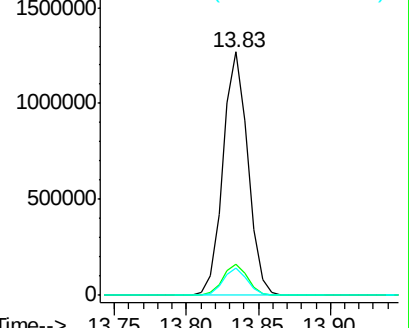
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.9	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.689 ug/l

RT: 14.02 min Scan# 2110

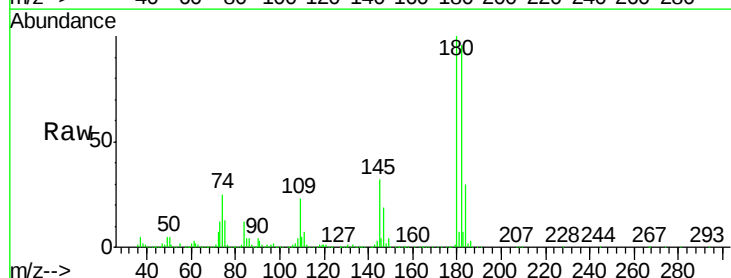
Delta R.T. 0.00 min

Lab File: VX007390.D

Acq: 06 Feb 2019 10:38

Tgt Ion:180 Resp: 511856

Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.5	142.6
145	30.3	14.9	44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

