

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030419\
 Data File : VX007804.D
 Acq On : 04 Mar 2019 11:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 04 12:20:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	360508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	506616	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	449155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	240407	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	179974	40.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.60%	
35) Dibromofluoromethane	5.50	113	159145	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
50) Toluene-d8	8.71	98	598820	46.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.38%	
62) 4-Bromofluorobenzene	11.13	95	215297	45.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	158842	47.830	ug/l	100
3) Chloromethane	1.33	50	181599	49.346	ug/l	100
4) Vinyl Chloride	1.42	62	192707	51.040	ug/l	100
5) Bromomethane	1.64	94	102255	42.772	ug/l	98
6) Chloroethane	1.71	64	130858	54.248	ug/l	100
7) Trichlorofluoromethane	1.93	101	276409	47.755	ug/l	99
8) Diethyl Ether	2.20	74	117365	49.407	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	174339	49.834	ug/l	98
10) Methyl Iodide	2.51	142	240488	55.207	ug/l	98
11) Tert butyl alcohol	3.08	59	218677	258.096	ug/l	100
12) 1,1-Dichloroethene	2.38	96	158066	50.125	ug/l	97
13) Acrolein	2.30	56	232769	309.165	ug/l	100
14) Allyl chloride	2.73	41	336316	57.679	ug/l	91
15) Acrylonitrile	3.15	53	538293	269.972	ug/l	99
16) Acetone	2.45	43	562356	283.184	ug/l	100
17) Carbon Disulfide	2.57	76	464723	52.971	ug/l	99
18) Methyl Acetate	2.78	43	257872	59.509	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	574423	52.309	ug/l	100
20) Methylene Chloride	2.86	84	176208	48.054	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	172102	50.202	ug/l	93
22) Diisopropyl ether	3.87	45	623194	51.342	ug/l	96
23) Vinyl Acetate	3.82	43	2764214	259.567	ug/l	97
24) 1,1-Dichloroethane	3.70	63	332928	50.469	ug/l	98
25) 2-Butanone	4.70	43	798541	263.986	ug/l	96
26) 2,2-Dichloropropane	4.59	77	266866	50.679	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	201985	46.304	ug/l	92
28) Bromochloromethane	5.02	49	157599	49.074	ug/l	86
29) Tetrahydrofuran	5.15	42	502509	252.015	ug/l	93
30) Chloroform	5.21	83	323177	45.735	ug/l	99
31) Cyclohexane	5.57	56	316179	50.954	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	281057	48.094	ug/l	99
36) 1,1-Dichloropropene	5.80	75	249243	54.723	ug/l	97
37) Ethyl Acetate	4.85	43	284515	56.234	ug/l	100
38) Carbon Tetrachloride	5.78	117	250727	54.801	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	324419	56.358	ug/l	94
40) Benzene	6.14	78	753874	53.619	ug/l	98
41) Methacrylonitrile	5.06	41	161983	59.956	ug/l	94
42) 1,2-Dichloroethane	6.20	62	247480	52.369	ug/l	99
43) Isopropyl Acetate	6.46	43	452588	58.122	ug/l	99
44) Trichloroethene	7.21	130	207950	53.765	ug/l	94
45) 1,2-Dichloropropane	7.51	63	201539	55.336	ug/l	100
46) Dibromomethane	7.66	93	126049	49.609	ug/l	97
47) Bromodichloromethane	7.90	83	248946	56.537	ug/l	98
48) Methyl methacrylate	7.77	41	236563	57.957	ug/l	91
49) 1,4-Dioxane	7.75	88	91575	1038.756	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1428505	274.063	ug/l	100
52) Toluene	8.78	92	468792	52.875	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	285199	51.982	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	311713	58.336	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	191125	51.695	ug/l	98
56) Ethyl methacrylate	9.18	69	294226	55.962	ug/l	94
57) 1,3-Dichloropropane	9.37	76	318731	53.855	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	734458	253.321	ug/l	97
59) 2-Hexanone	9.49	43	1110896	271.470	ug/l	100
60) Dibromochloromethane	9.59	129	208735	58.674	ug/l	98
61) 1,2-Dibromoethane	9.67	107	201071	52.381	ug/l	99
64) Tetrachloroethene	9.34	164	207605	56.936	ug/l	98
65) Chlorobenzene	10.14	112	516677	53.187	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	192102	56.691	ug/l	99
67) Ethyl Benzene	10.25	91	879416	54.648	ug/l	100
68) m/p-Xylenes	10.36	106	686303	109.626	ug/l	98
69) o-Xylene	10.70	106	328449	54.544	ug/l	96
70) Styrene	10.71	104	549103	55.476	ug/l	100
71) Bromoform	10.86	173	169260	66.611	ug/l	100
73) Isopropylbenzene	11.02	105	892619	51.950	ug/l	100
74) N-amyl acetate	10.90	43	394401	52.858	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	282193	47.485	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	340609	66.468	ug/l	77
77) Bromobenzene	11.26	156	235806	54.716	ug/l	94
78) n-propylbenzene	11.36	91	1021854	52.629	ug/l	98
79) 2-Chlorotoluene	11.42	91	592686	50.696	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	741930	52.495	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	95371	49.880	ug/l	90
82) 4-Chlorotoluene	11.51	91	691815	50.585	ug/l	98
83) tert-Butylbenzene	11.77	119	757533	55.824	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	763421	52.807	ug/l	99
85) sec-Butylbenzene	11.94	105	911345	53.594	ug/l	99
86) p-Isopropyltoluene	12.06	119	824453	55.362	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	429865	53.773	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	432503	52.828	ug/l	99
89) n-Butylbenzene	12.39	91	721056	54.292	ug/l	99
90) Hexachloroethane	12.60	117	139637	55.650	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	425404	53.185	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	63451	49.002	ug/l	99

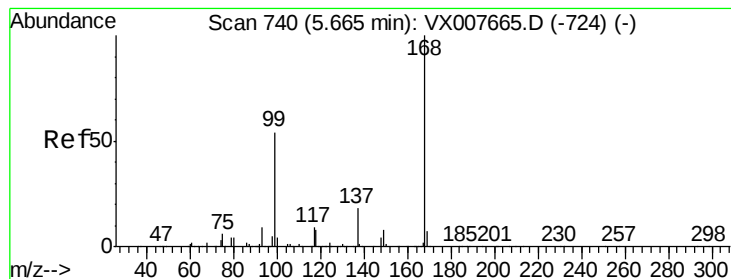
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030419\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	320842	65.714	ug/l	99
94) Hexachlorobutadiene	13.79	225	170425	76.303	ug/l	99
95) Naphthalene	13.83	128	916757	57.956	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	317157	64.694	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

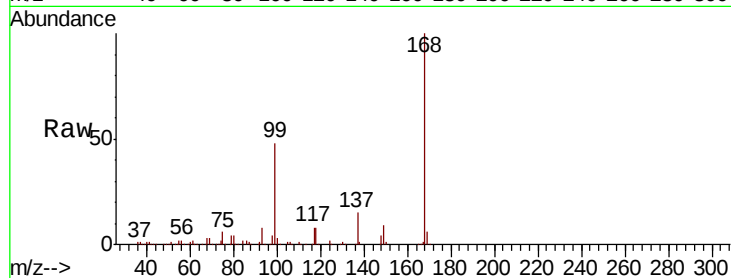
VSTDCCC050

Tgt Ion:168 Resp: 360508

Ion Ratio Lower Upper

168 100

99 47.6 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): VX007665.D (-724) (-)

Ion 98.90 (98.60 to 99.60): VX007665.D (-724) (-)

5.66

150000

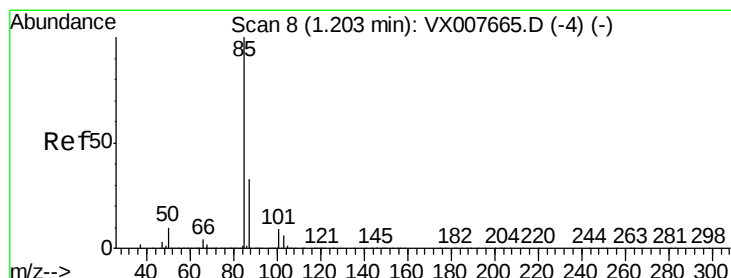
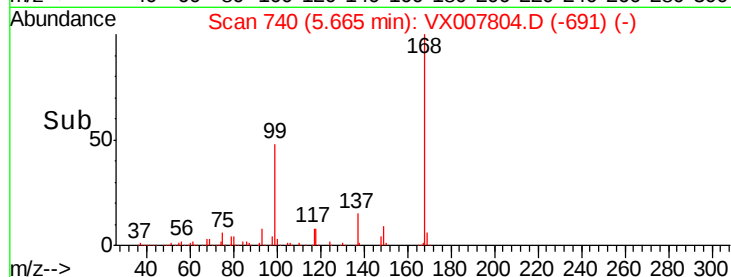
100000

50000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 47.830 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007804.D

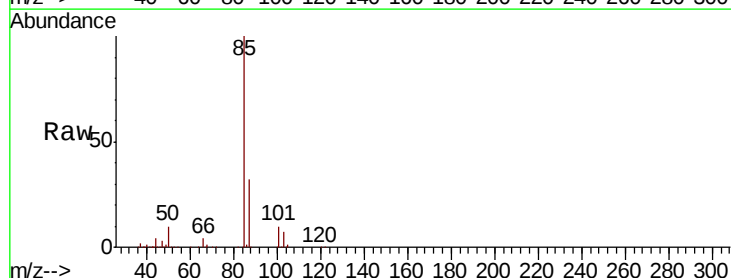
Acq: 04 Mar 2019 11:57

Tgt Ion: 85 Resp: 158842

Ion Ratio Lower Upper

85 100

87 31.7 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX007665.D (-4) (-)

Ion 86.90 (86.60 to 87.60): VX007665.D (-4) (-)

1.20

150000

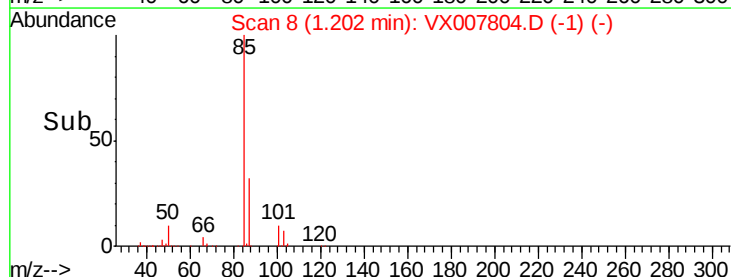
100000

50000

0

1.20 1.30

Time-->





#3

Chloromethane

Concen: 49.346 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

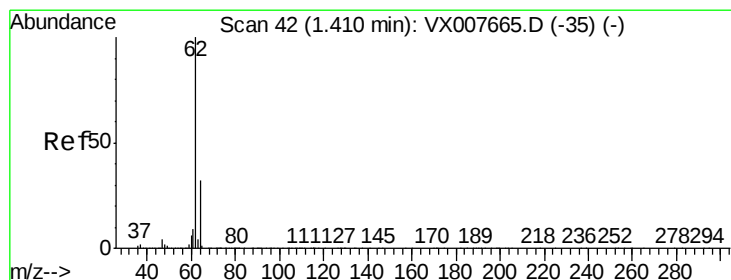
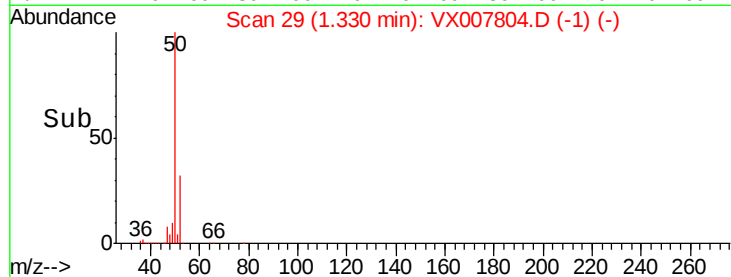
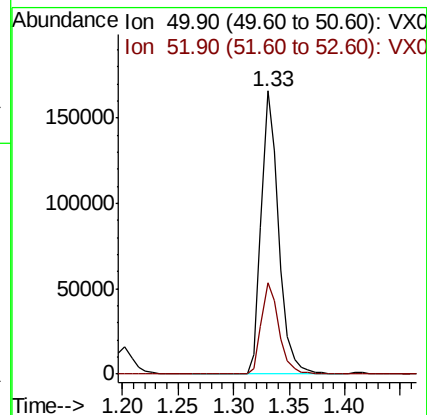
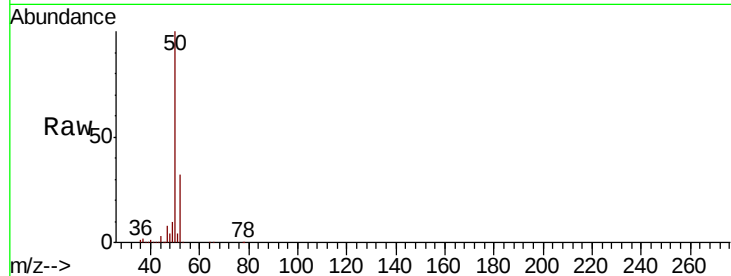
VSTDCCC050

Tgt Ion: 50 Resp: 181599

Ion Ratio Lower Upper

50 100

52 32.4 26.1 39.1



#4

Vinyl Chloride

Concen: 51.040 ug/l

RT: 1.42 min Scan# 43

Delta R.T. 0.01 min

Lab File: VX007804.D

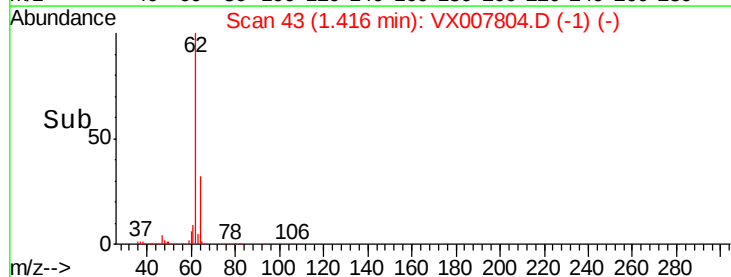
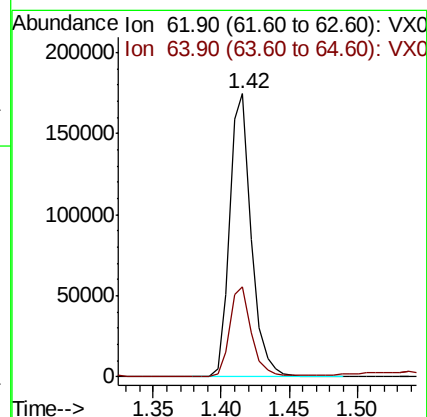
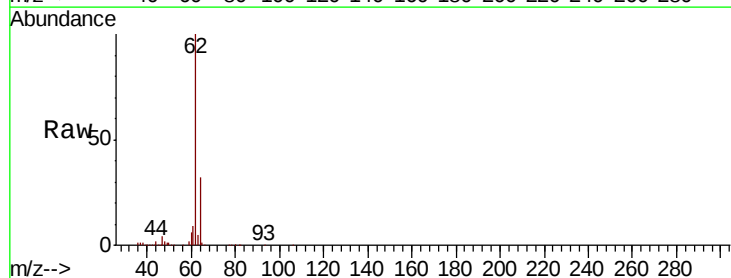
Acq: 04 Mar 2019 11:57

Tgt Ion: 62 Resp: 192707

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.0





#5

Bromomethane

Concen: 42.772 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

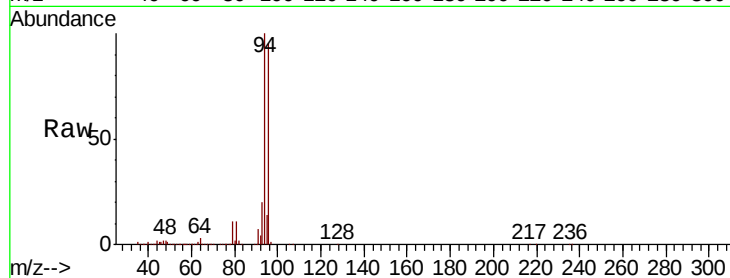
VSTDCCC050

Tgt Ion: 94 Resp: 102255

Ion Ratio Lower Upper

94 100

96 94.7 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

120000

100000

80000

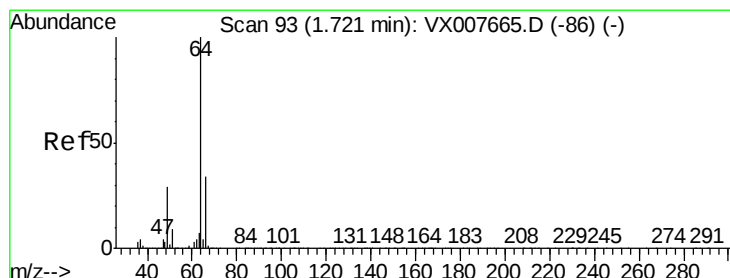
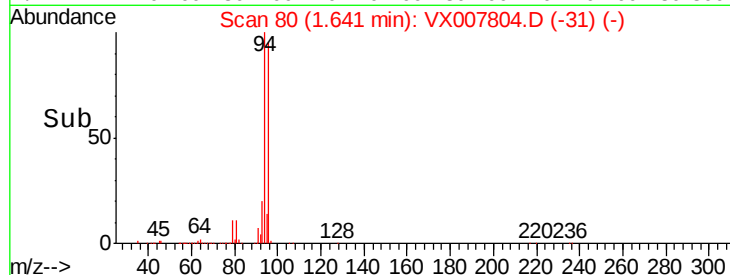
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 54.248 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX007804.D

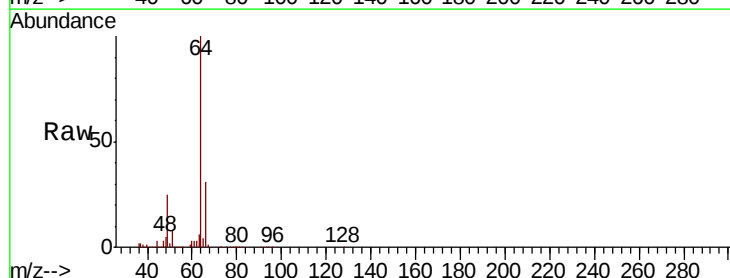
Acq: 04 Mar 2019 11:57

Tgt Ion: 64 Resp: 130858

Ion Ratio Lower Upper

64 100

66 31.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

100000

80000

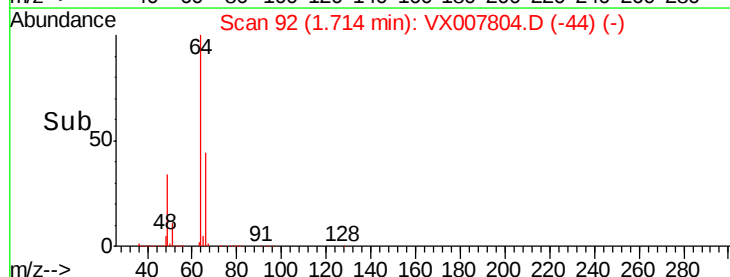
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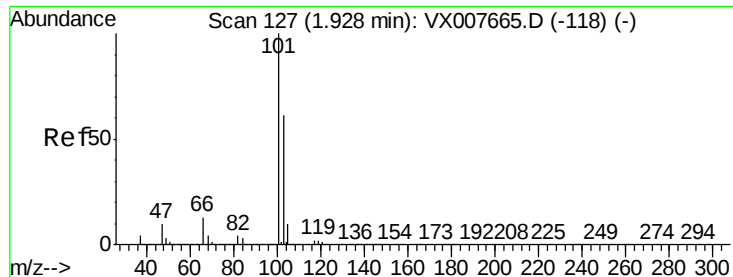
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Time-->



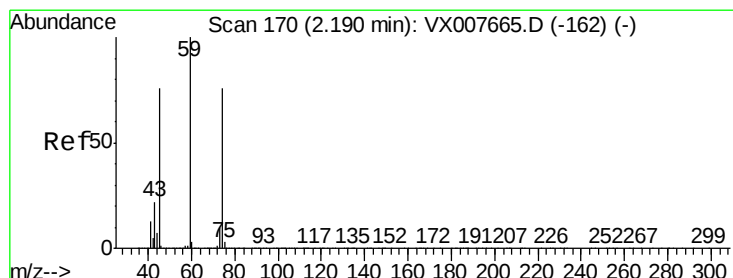
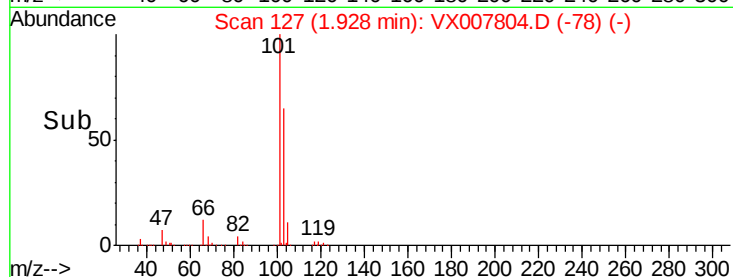
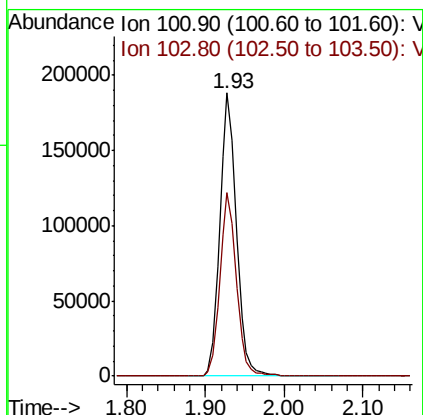
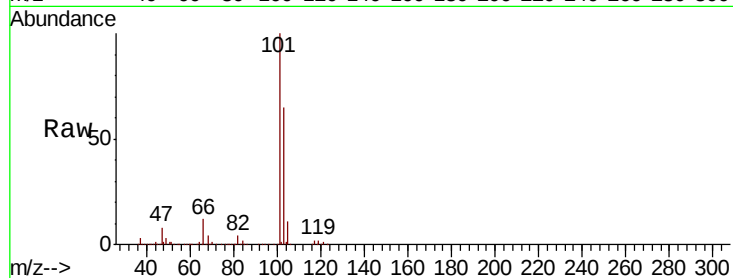


#7

Trichlorofluoromethane
 Concen: 47.755 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

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 VSTDCCC050

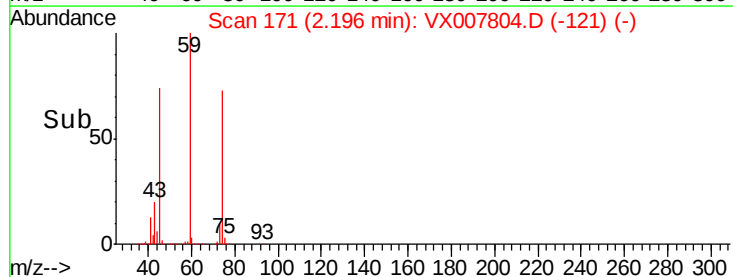
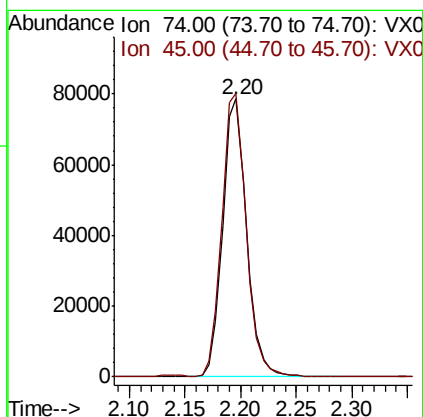
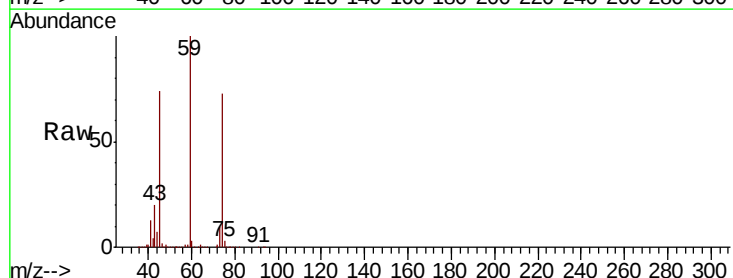
Tgt Ion: 101 Resp: 276409
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.6 79.0



#8

Diethyl Ether
 Concen: 49.407 ug/l
 RT: 2.20 min Scan# 171
 Delta R.T. 0.01 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Tgt Ion: 74 Resp: 117365
 Ion Ratio Lower Upper
 74 100
 45 103.5 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.834 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

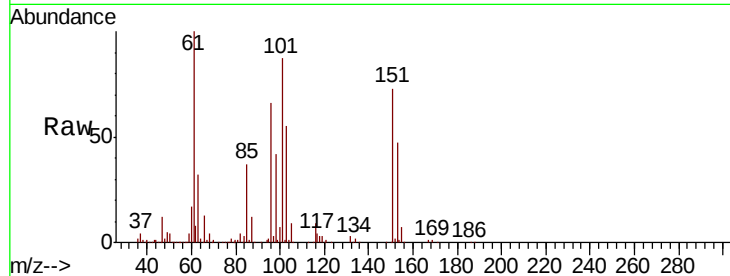
Tgt Ion:101 Resp: 174339

Ion Ratio Lower Upper

101 100

85 42.7 34.1 51.1

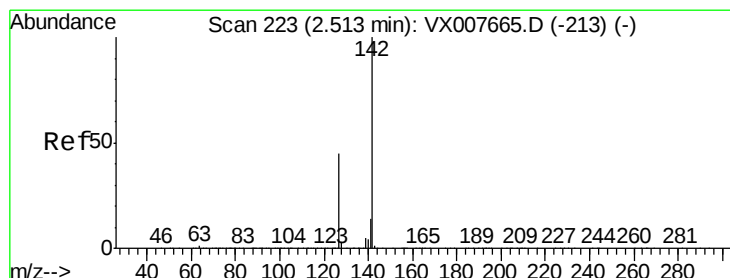
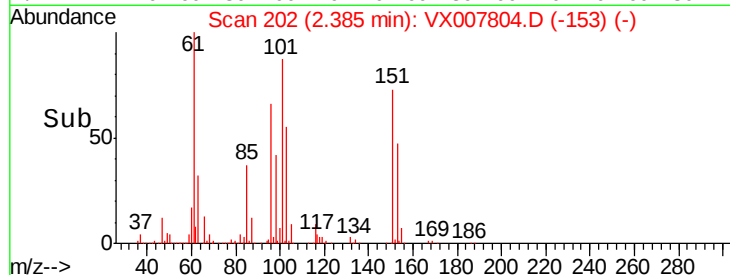
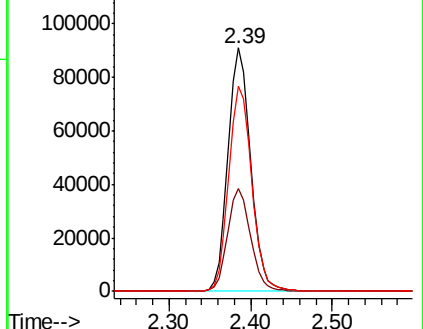
151 85.3 69.9 104.9



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: 55.207 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

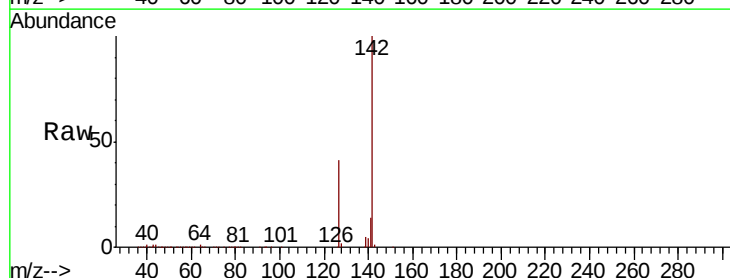
Tgt Ion:142 Resp: 240488

Ion Ratio Lower Upper

142 100

127 40.8 33.7 50.5

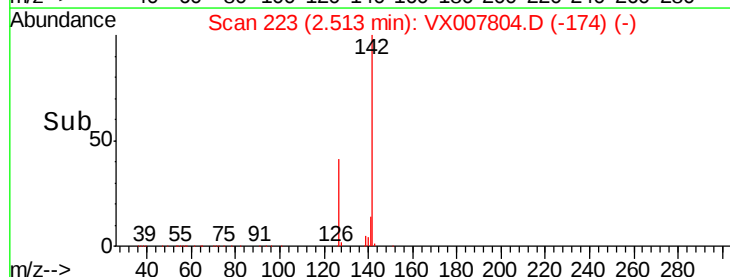
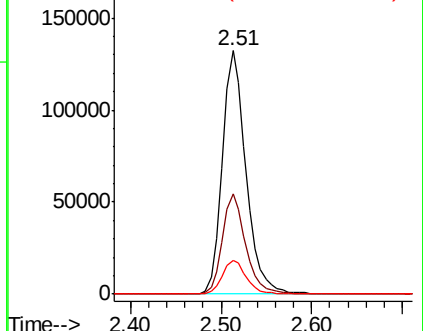
141 14.2 11.3 16.9

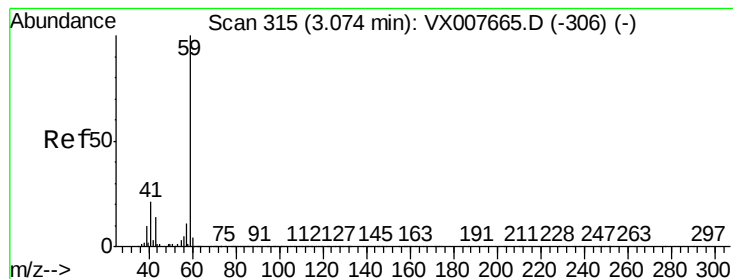


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



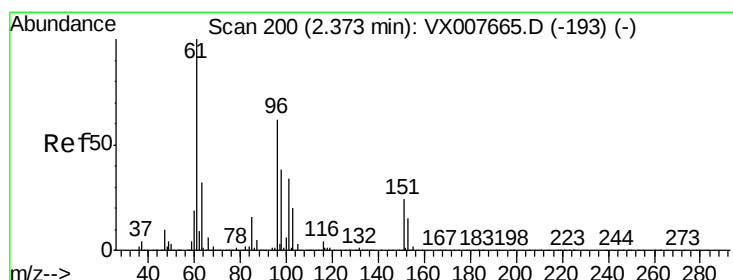
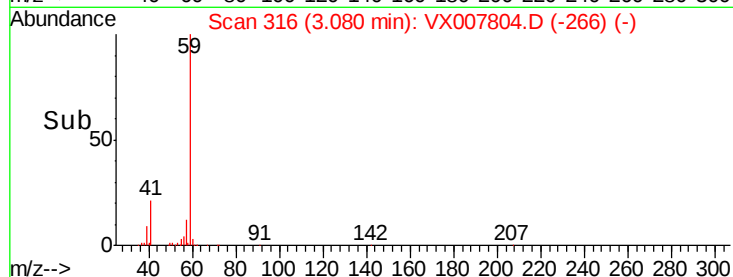
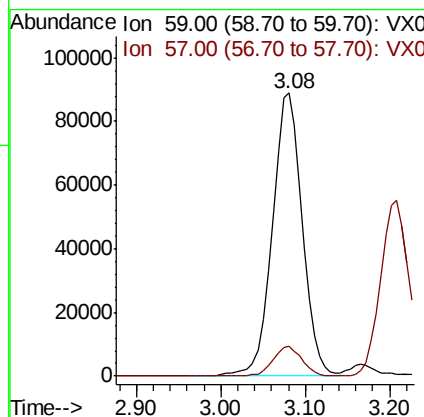
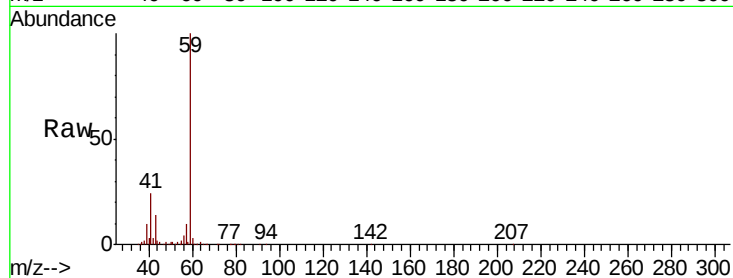


#11

Tert butyl alcohol
 Concen: 258.096 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

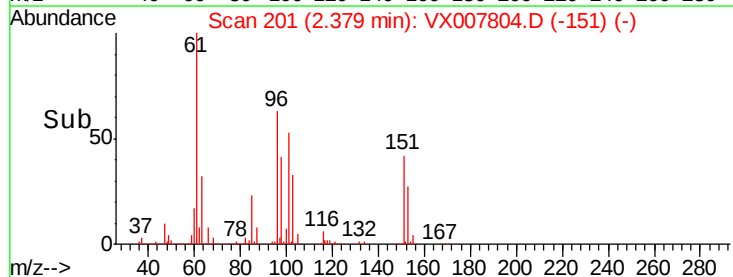
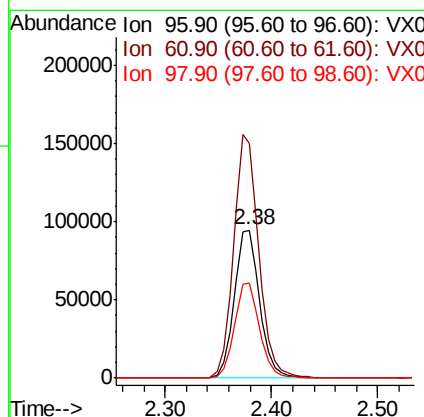
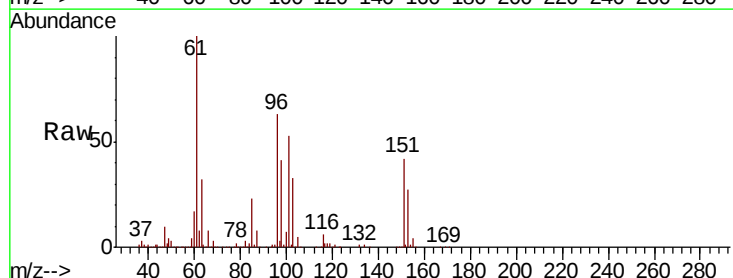
Tgt Ion: 59 Resp: 218677
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.1 12.1

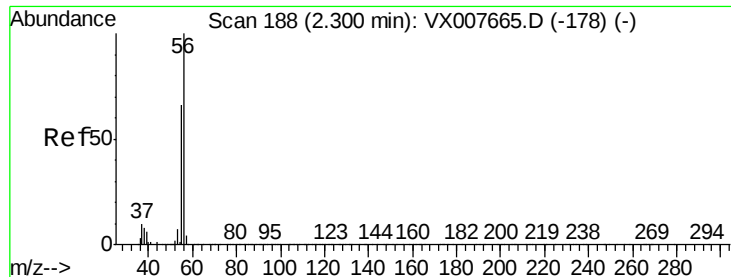


#12

1,1-Dichloroethene
 Concen: 50.125 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Tgt Ion: 96 Resp: 158066
 Ion Ratio Lower Upper
 96 100
 61 158.5 123.0 184.4
 98 64.6 50.9 76.3





#13

Acrolein

Concen: 309.165 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

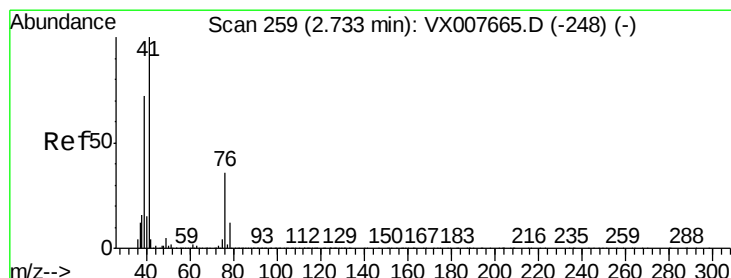
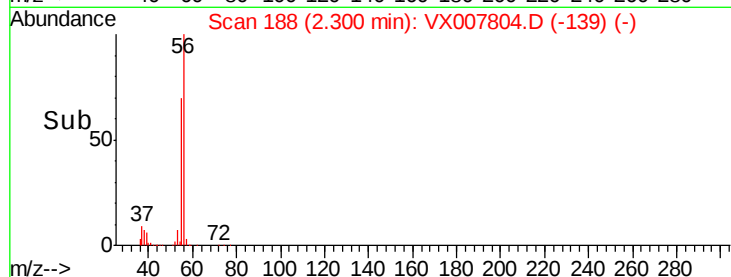
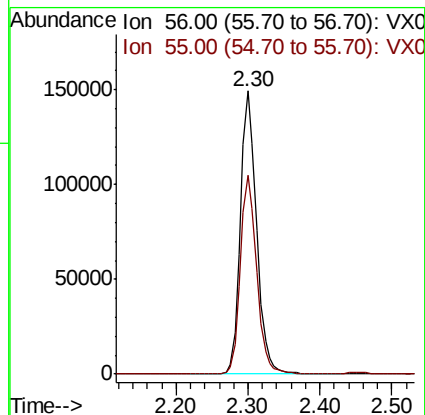
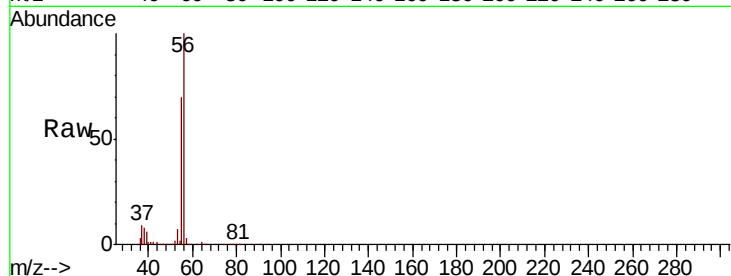
VSTDCCC050

Tgt Ion: 56 Resp: 232769

Ion Ratio Lower Upper

56 100

55 71.2 56.9 85.3



#14

Allyl chloride

Concen: 57.679 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

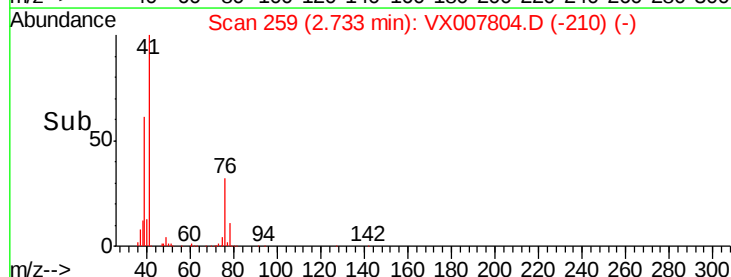
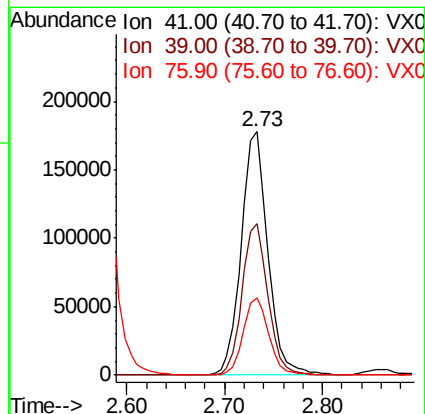
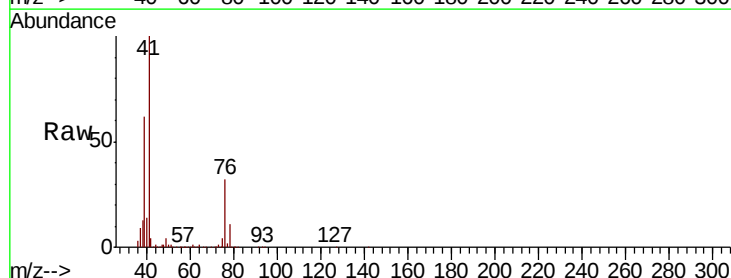
Tgt Ion: 41 Resp: 336316

Ion Ratio Lower Upper

41 100

39 60.1 54.1 81.1

76 30.4 27.8 41.8





#15

Acrylonitrile

Concen: 269.972 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

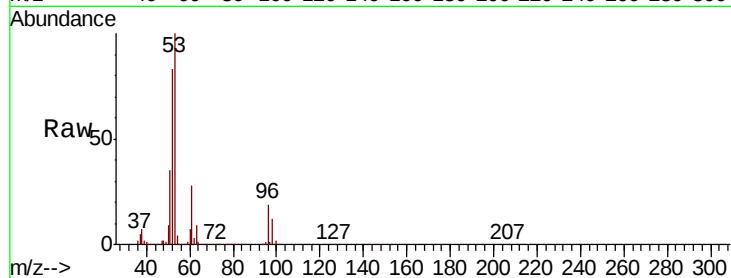
Tgt Ion: 53 Resp: 538293

Ion Ratio Lower Upper

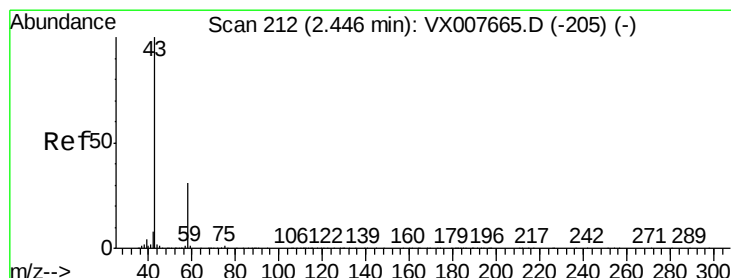
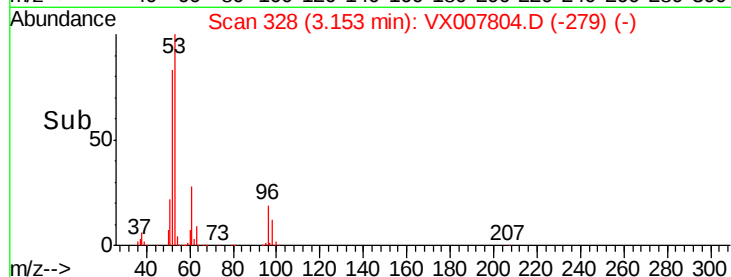
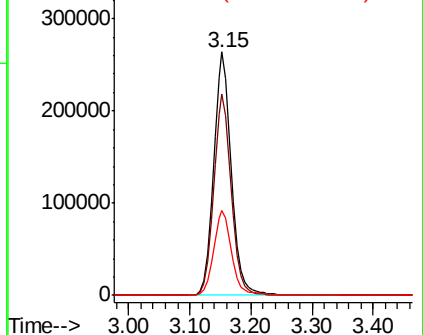
53 100

52 82.1 66.4 99.6

51 35.5 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: 283.184 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007804.D

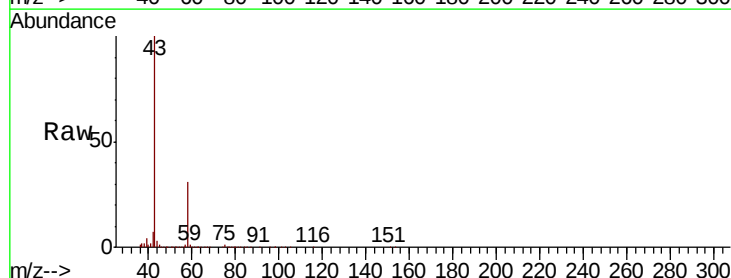
Acq: 04 Mar 2019 11:57

Tgt Ion: 43 Resp: 562356

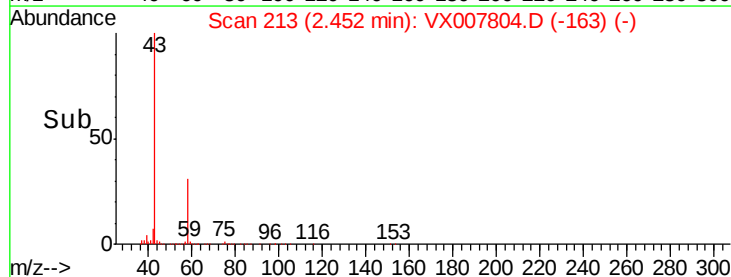
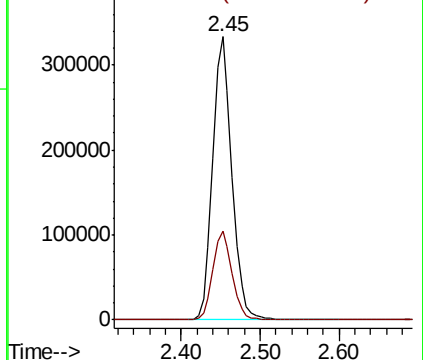
Ion Ratio Lower Upper

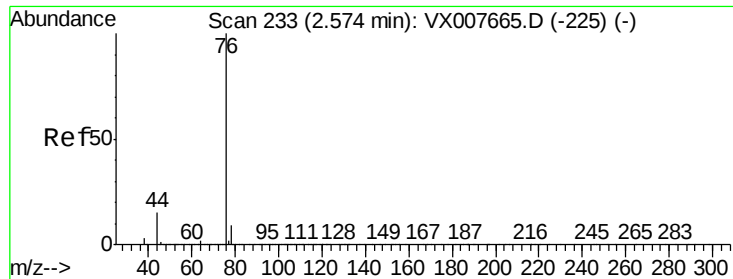
43 100

58 31.3 24.9 37.3



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

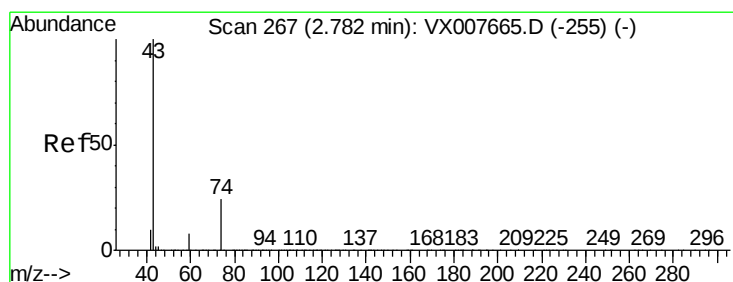
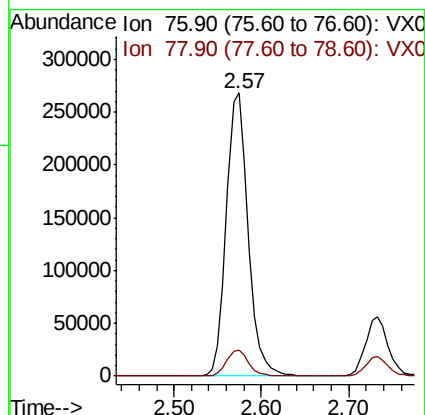
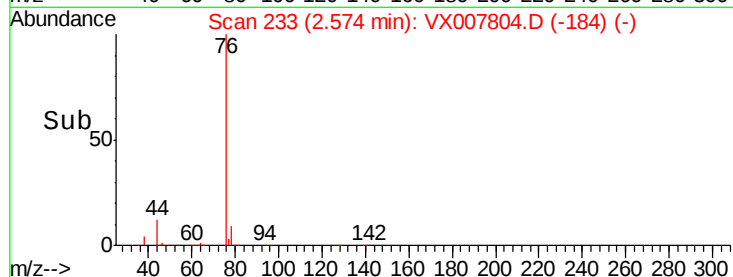
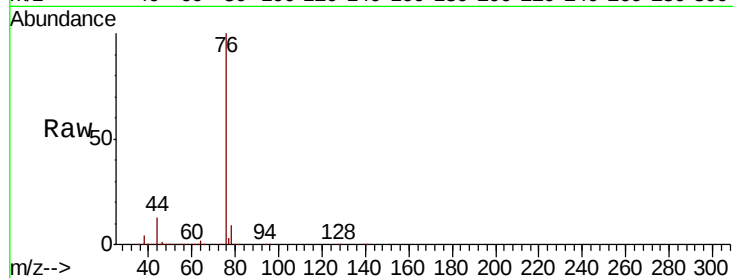




#17
Carbon Disulfide
Concen: 52.971 ug/l
RT: 2.57 min Scan# 233
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

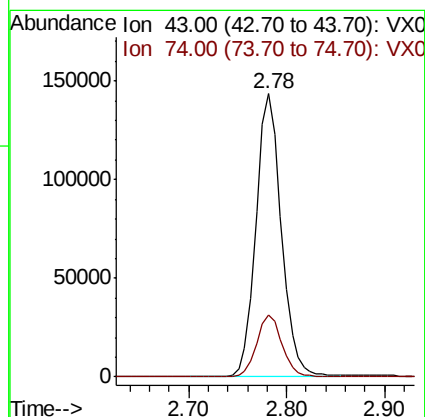
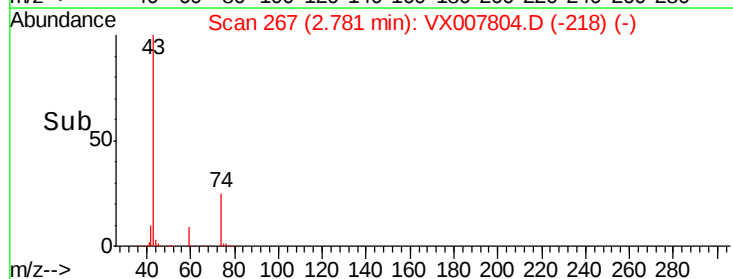
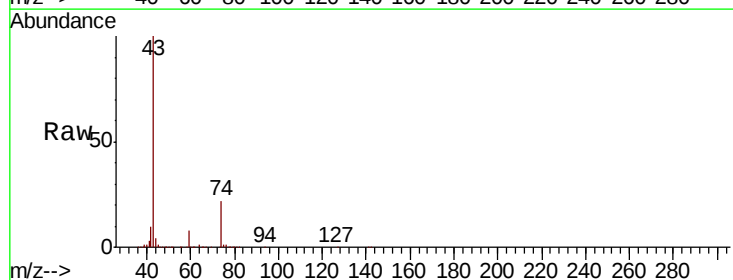
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

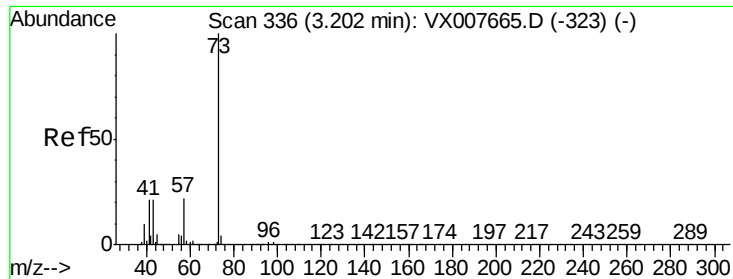
Tgt Ion: 76 Resp: 464723
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 59.509 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Tgt Ion: 43 Resp: 257872
Ion Ratio Lower Upper
43 100
74 21.6 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 52.309 ug/l

RT: 3.21 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

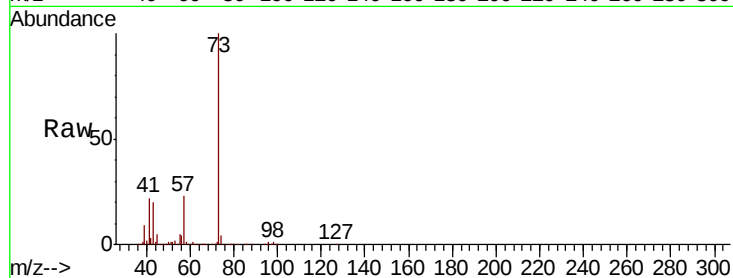
VSTDCCC050

Tgt Ion: 73 Resp: 574423

Ion Ratio Lower Upper

73 100

57 22.5 17.8 26.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

250000

200000

150000

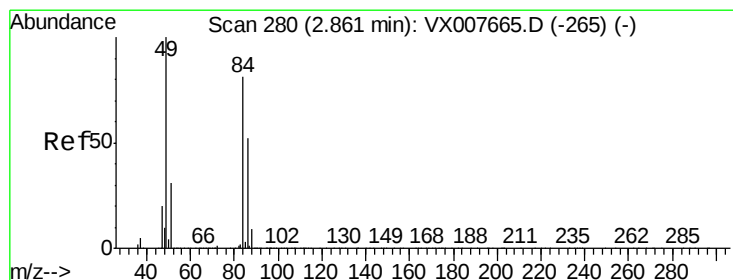
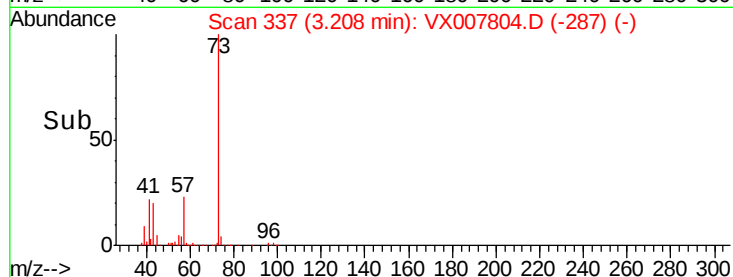
100000

50000

0

3.10 3.20 3.30 3.40

Time-->



#20

Methylene Chloride

Concen: 48.054 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Tgt Ion: 84 Resp: 176208

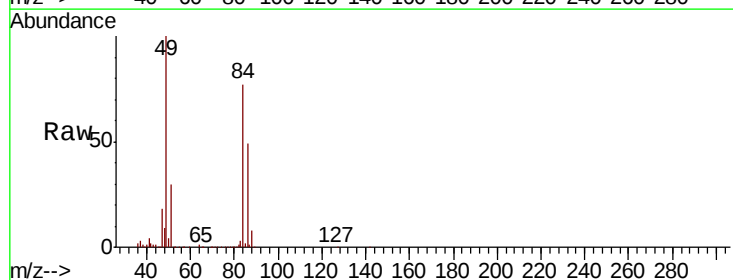
Ion Ratio Lower Upper

84 100

49 130.1 94.8 142.2

51 39.3 29.8 44.8

86 64.3 54.1 81.1



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

150000

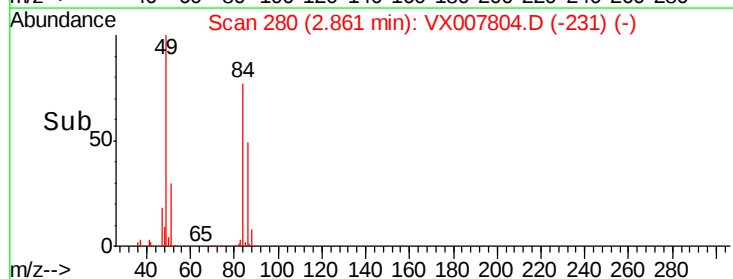
100000

50000

0

2.80 2.90 3.00

Time-->





#21

trans-1,2-Dichloroethene

Concen: 50.202 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

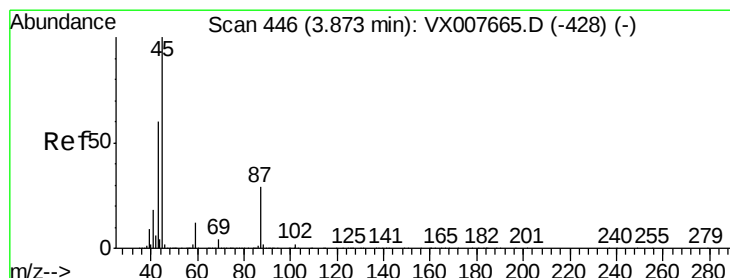
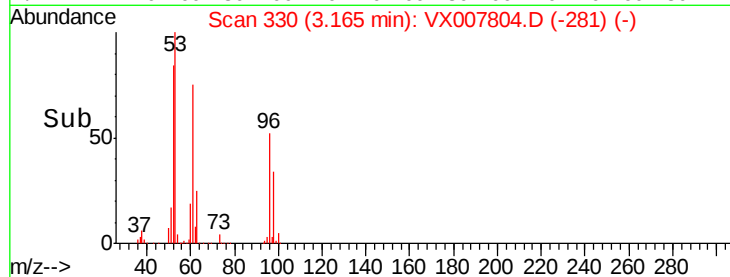
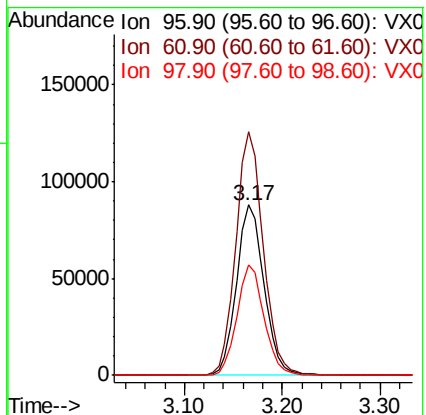
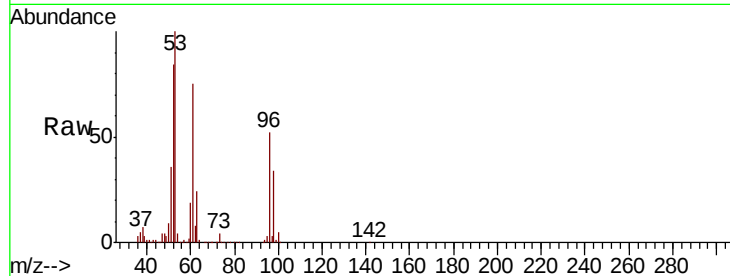
Tgt Ion: 96 Resp: 172102

Ion Ratio Lower Upper

96 100

61 142.6 104.6 156.8

98 64.5 51.0 76.4



#22

Diisopropyl ether

Concen: 51.342 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Tgt Ion: 45 Resp: 623194

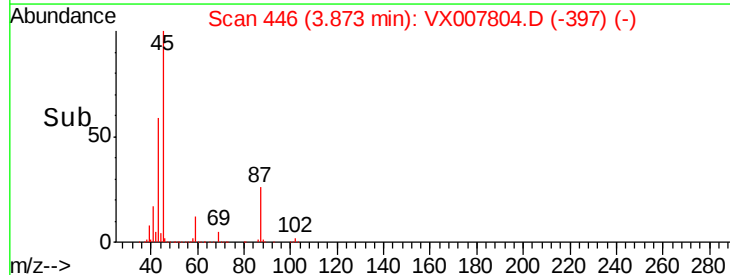
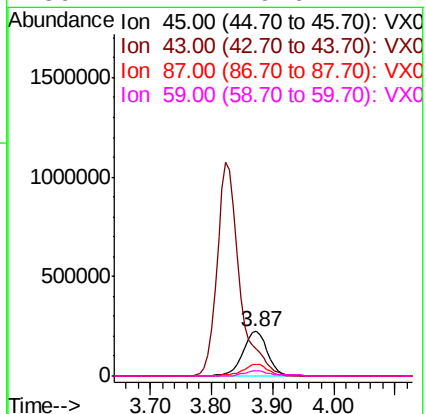
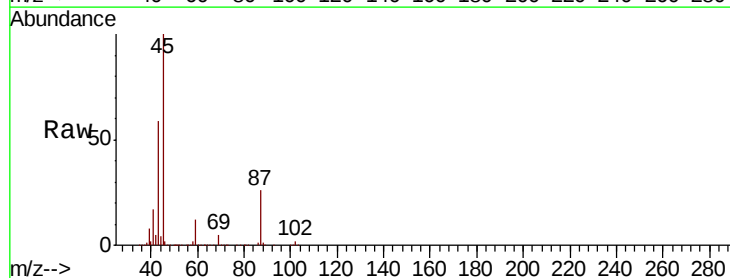
Ion Ratio Lower Upper

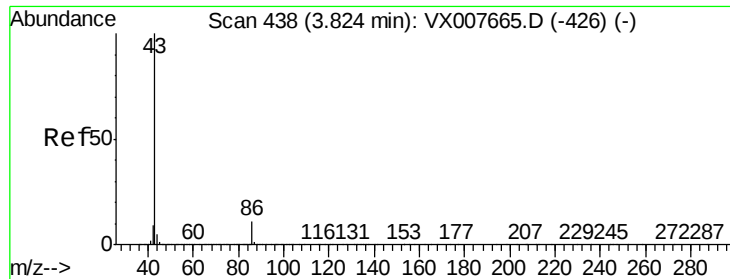
45 100

43 58.9 48.9 73.3

87 26.3 23.9 35.9

59 11.7 9.6 14.4

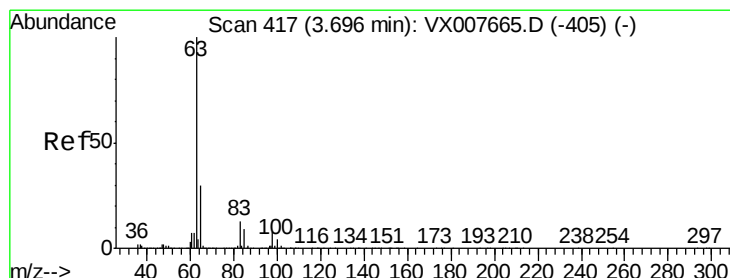
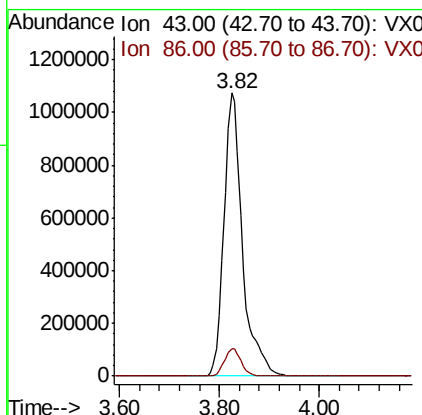
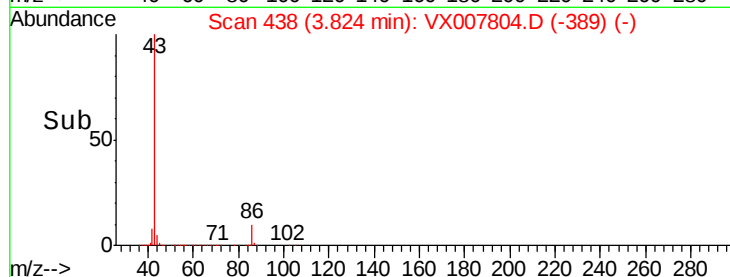
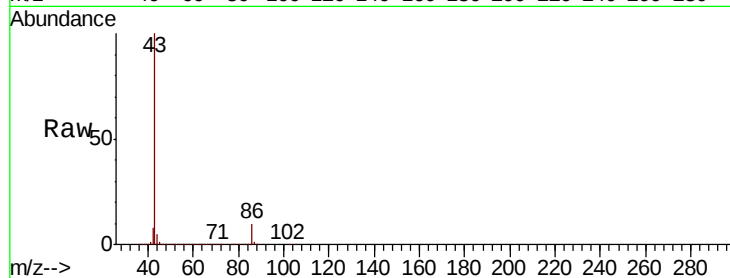




#23
 Vinyl Acetate
 Concen: 259.567 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

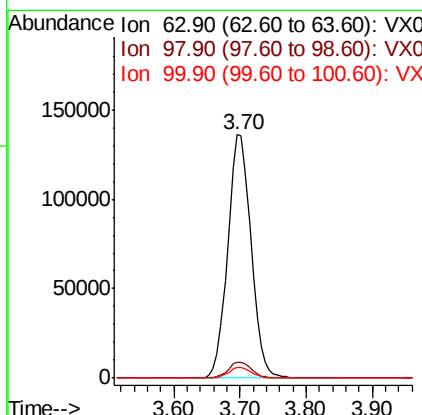
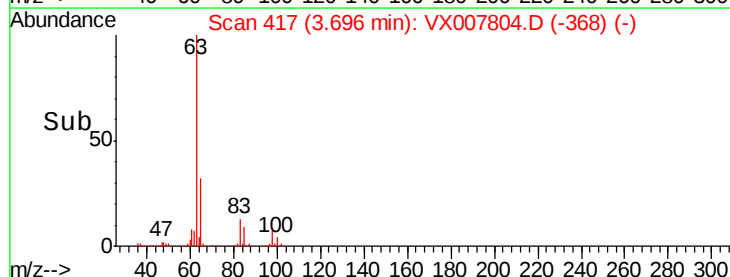
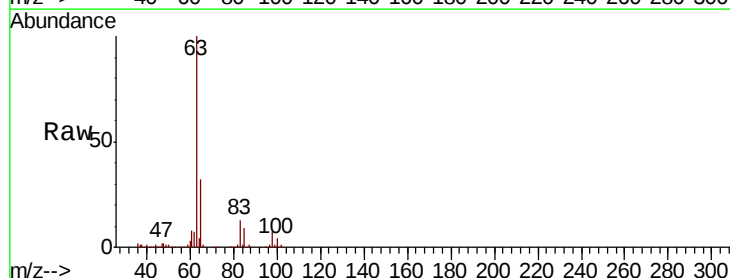
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

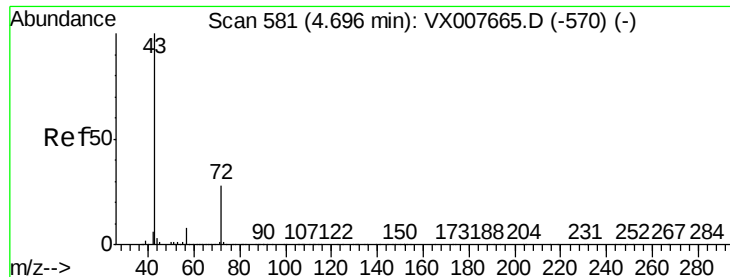
Tgt Ion: 43 Resp: 2764214
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 50.469 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Tgt Ion: 63 Resp: 332928
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.8
 100 4.4 2.5 7.4





#25

2-Butanone

Concen: 263.986 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

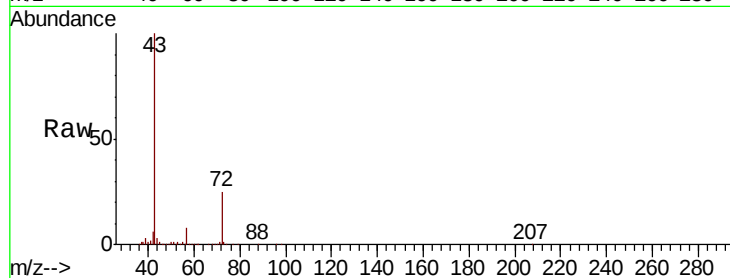
VSTDCCC050

Tgt Ion: 43 Resp: 798541

Ion Ratio Lower Upper

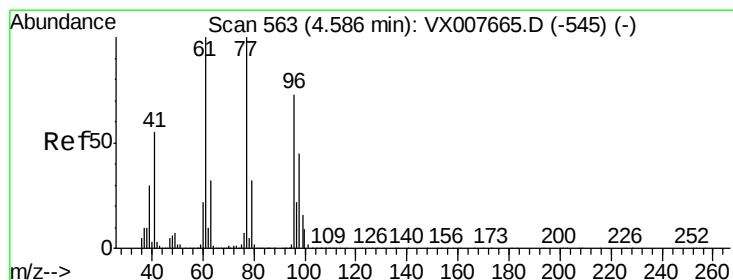
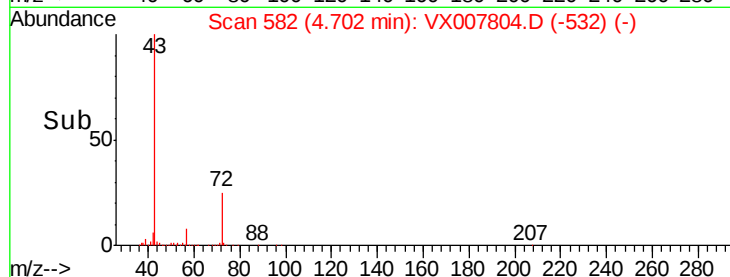
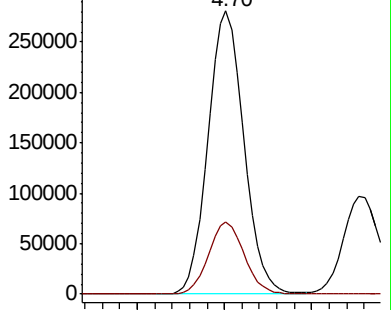
43 100

72 25.4 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: 50.679 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007804.D

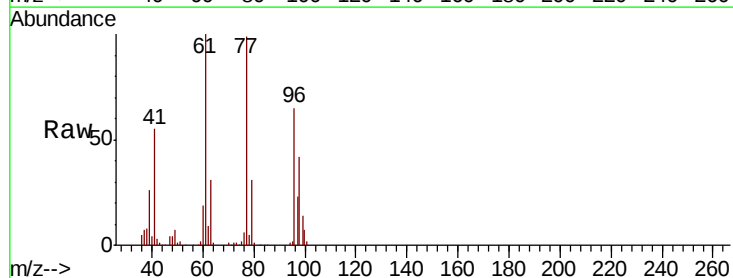
Acq: 04 Mar 2019 11:57

Tgt Ion: 77 Resp: 266866

Ion Ratio Lower Upper

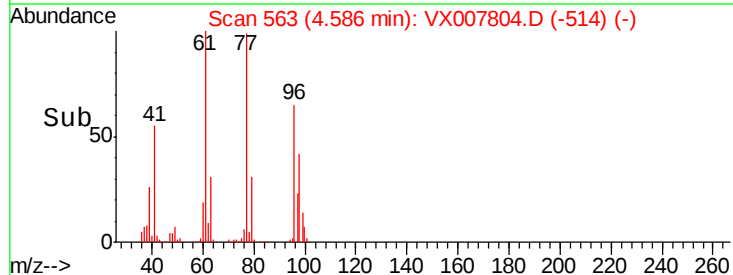
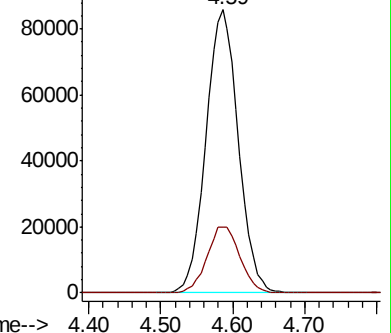
77 100

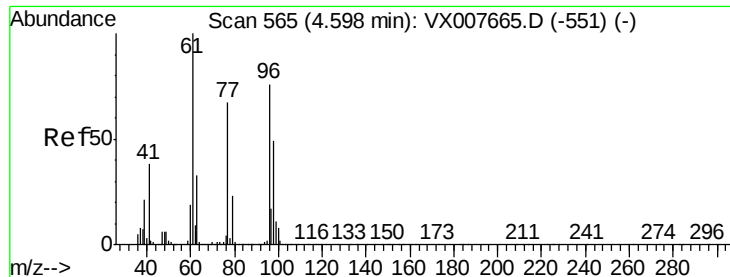
97 24.1 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



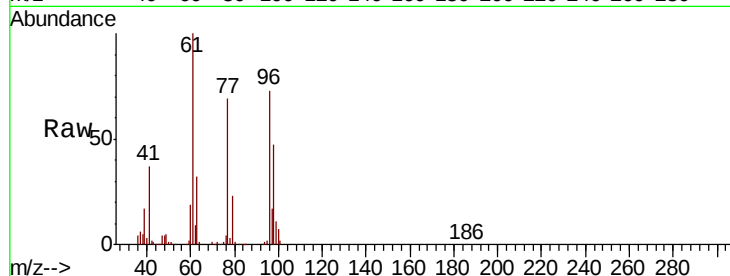


#27

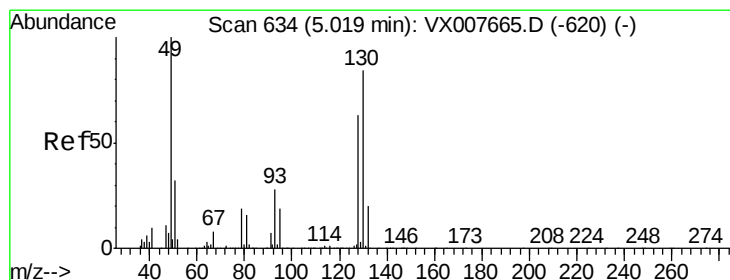
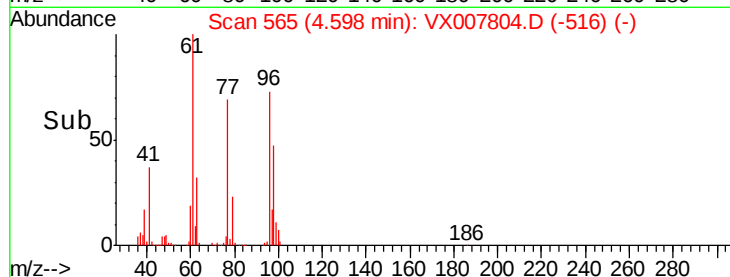
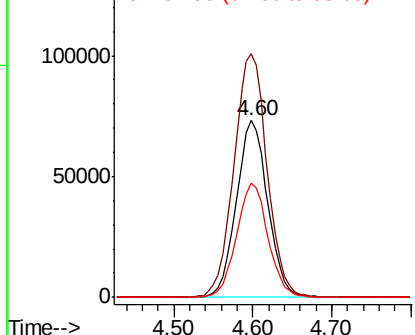
cis-1,2-Dichloroethene
Concen: 46.304 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.0	0.0	265.6
98	65.0	0.0	131.6



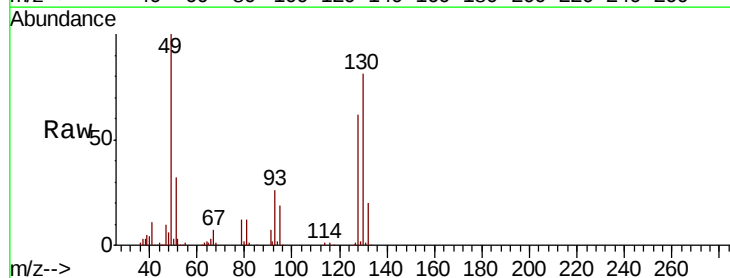
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



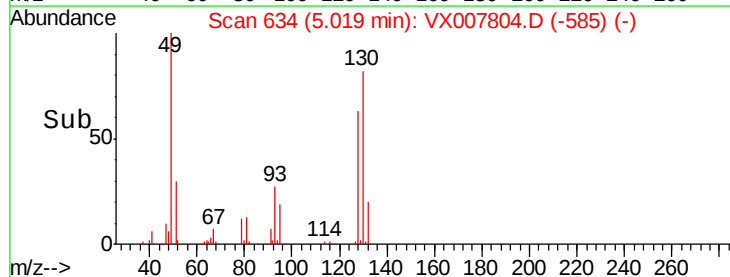
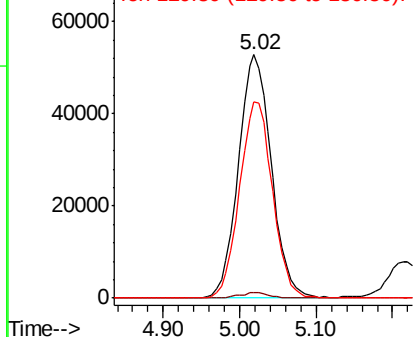
#28

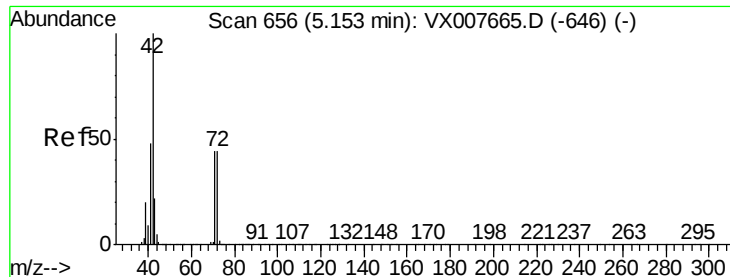
Bromochloromethane
Concen: 49.074 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	5.6
130	80.8	75.6	113.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 252.015 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

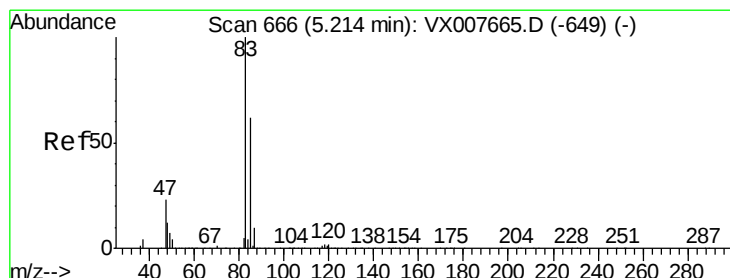
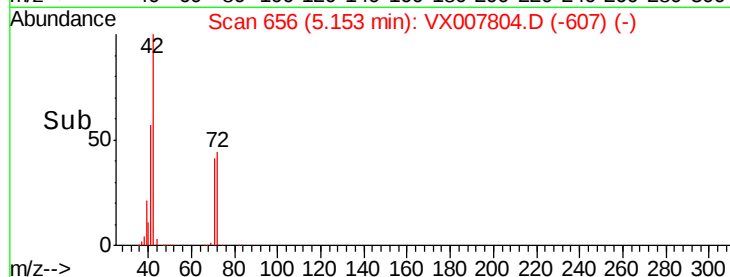
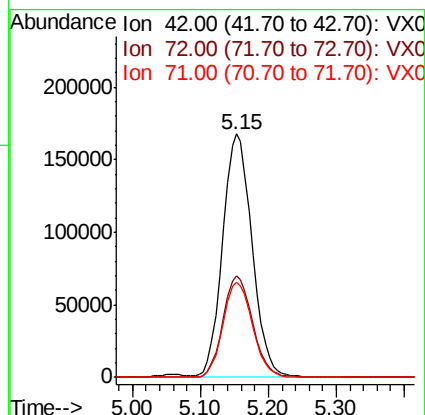
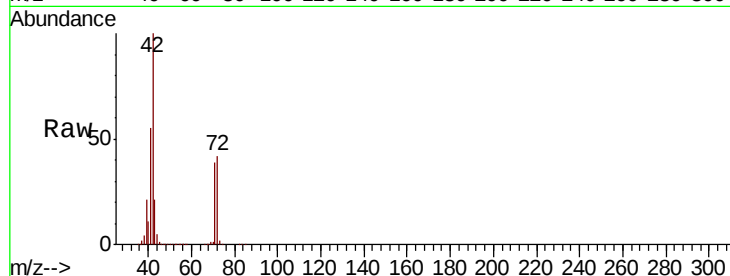
Tgt Ion: 42 Resp: 502509

Ion Ratio Lower Upper

42 100

72 42.2 37.6 56.4

71 39.3 34.6 51.8



#30

Chloroform

Concen: 45.735 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007804.D

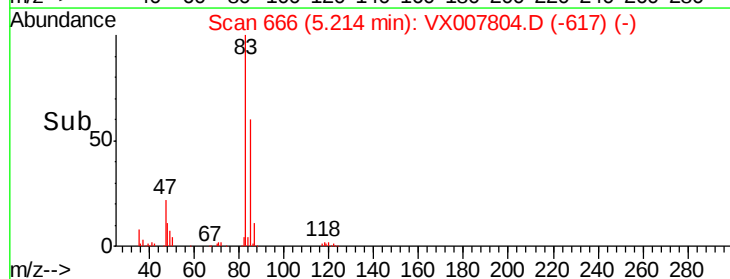
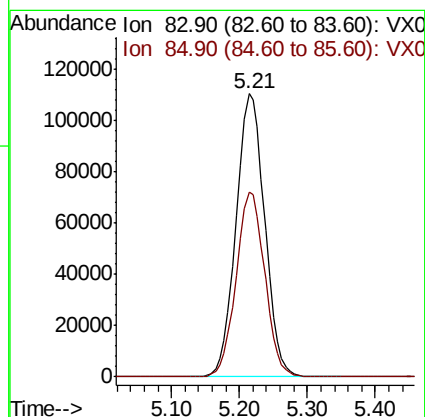
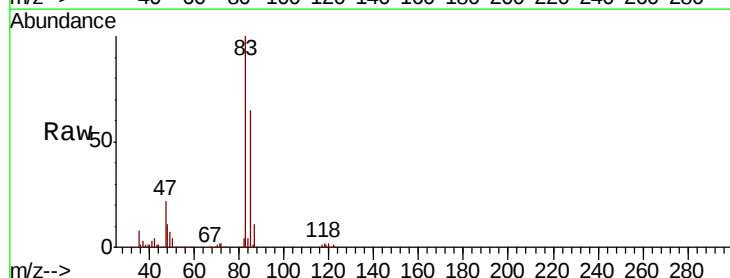
Acq: 04 Mar 2019 11:57

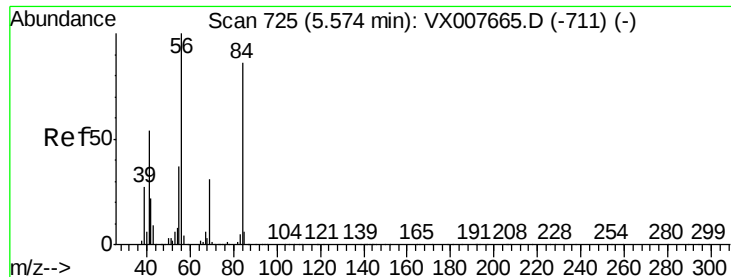
Tgt Ion: 83 Resp: 323177

Ion Ratio Lower Upper

83 100

85 65.4 51.6 77.4

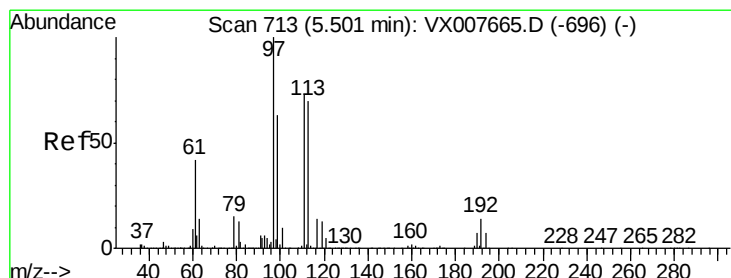
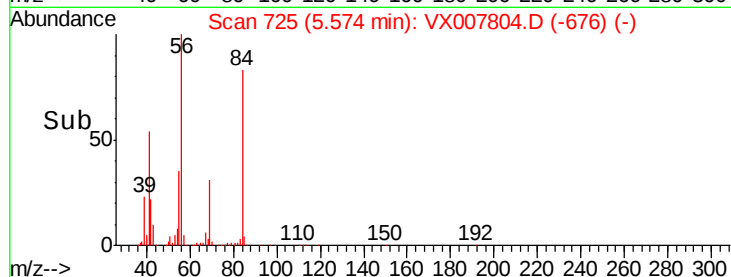
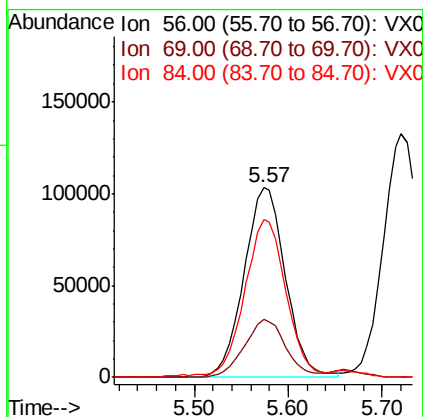
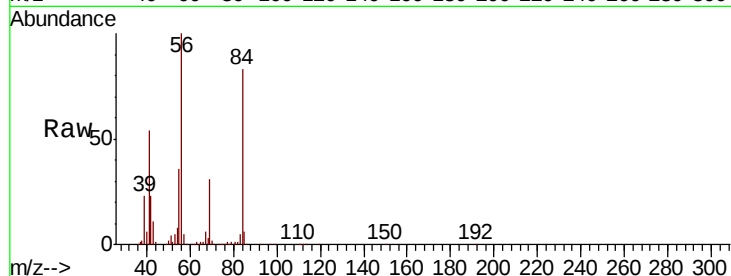




#31
Cyclohexane
Concen: 50.954 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

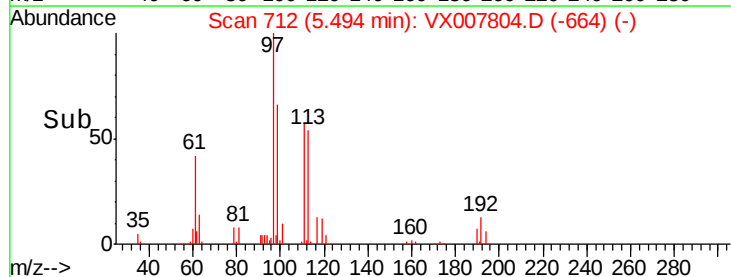
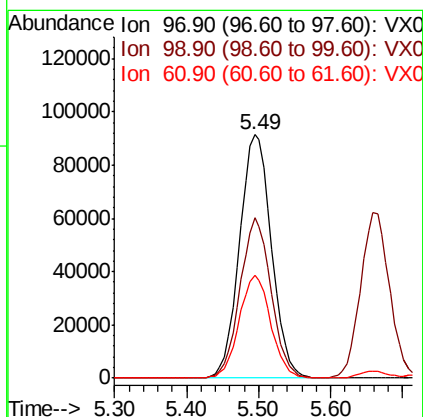
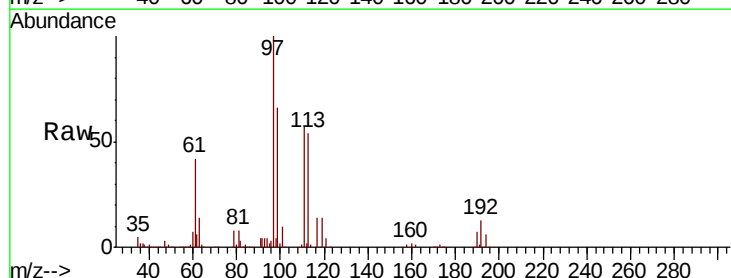
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

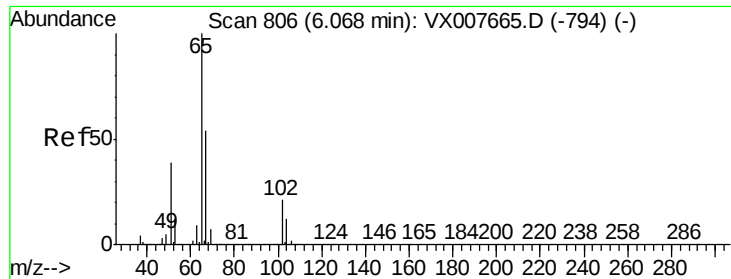
Tgt Ion: 56 Resp: 316179
Ion Ratio Lower Upper
56 100
69 31.0 23.0 34.6
84 82.3 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 48.094 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Tgt Ion: 97 Resp: 281057
Ion Ratio Lower Upper
97 100
99 64.1 52.2 78.2
61 41.9 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 40.303 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

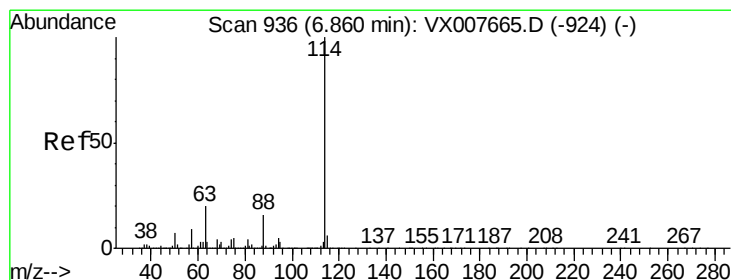
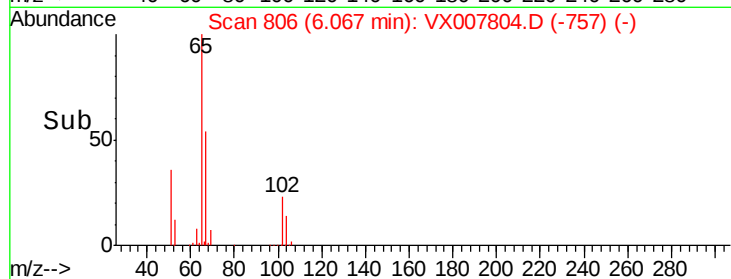
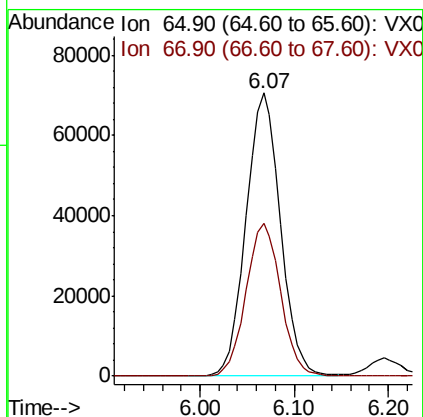
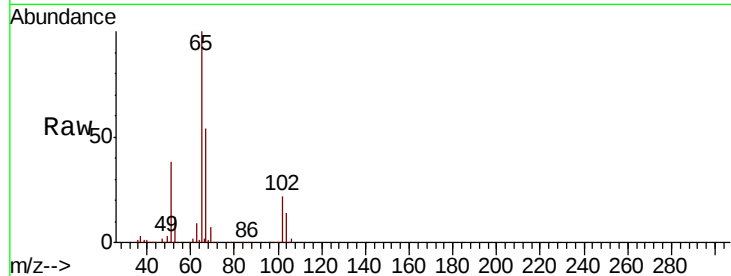
VSTDCCC050

Tgt Ion: 65 Resp: 179974

Ion Ratio Lower Upper

65 100

67 54.4 0.0 108.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

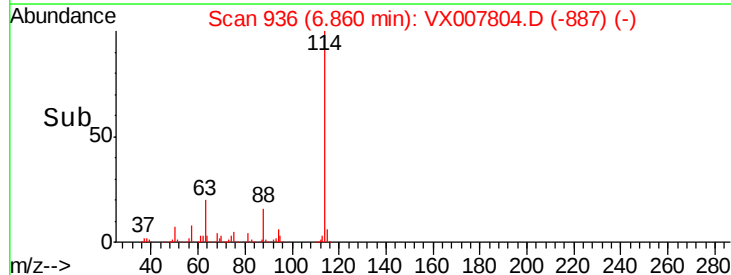
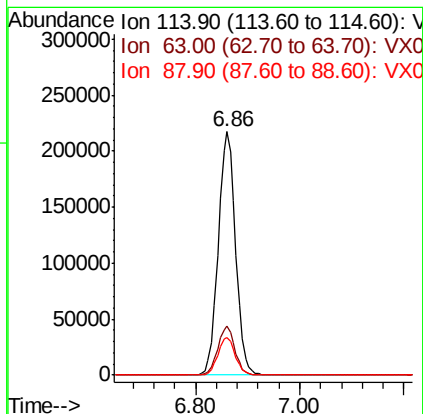
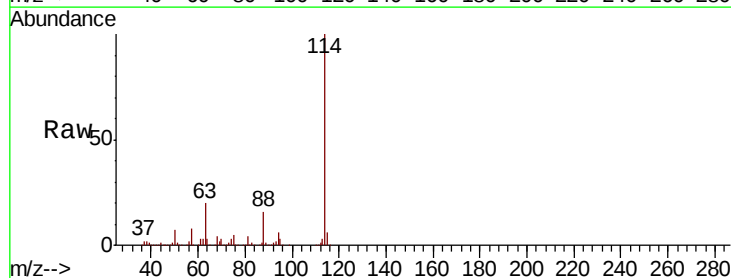
Tgt Ion: 114 Resp: 506616

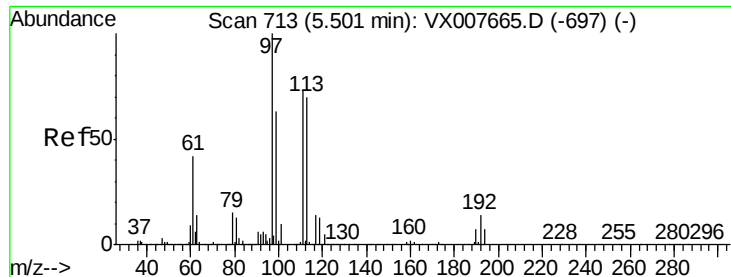
Ion Ratio Lower Upper

114 100

63 20.0 0.0 35.6

88 15.6 0.0 29.6

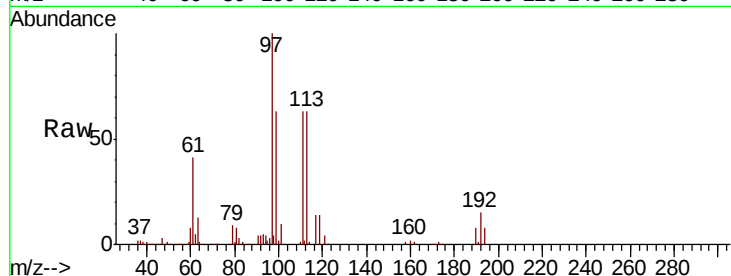




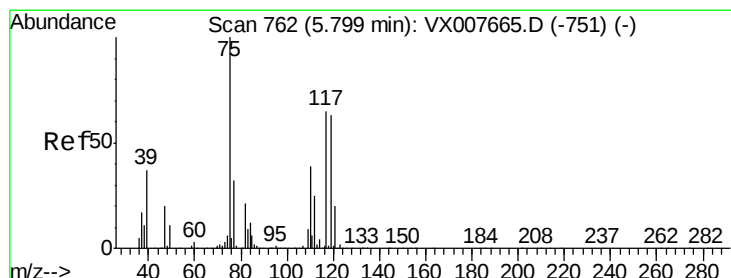
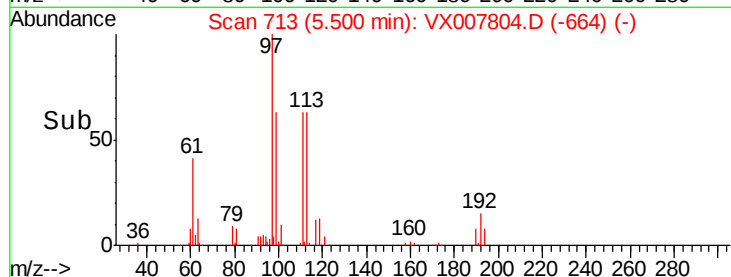
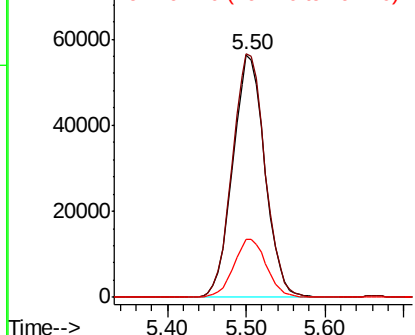
#35
 Dibromofluoromethane
 Concen: 46.993 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 113 Resp: 159145
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.8 122.8
 192 24.3 18.5 27.7

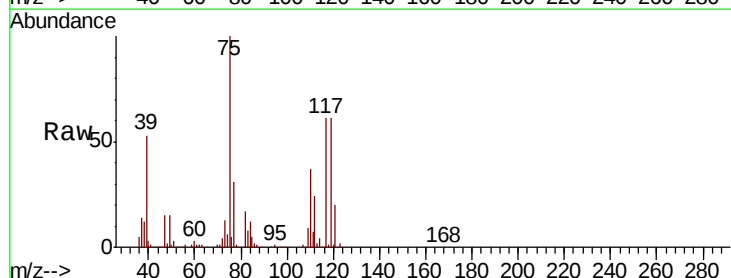


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

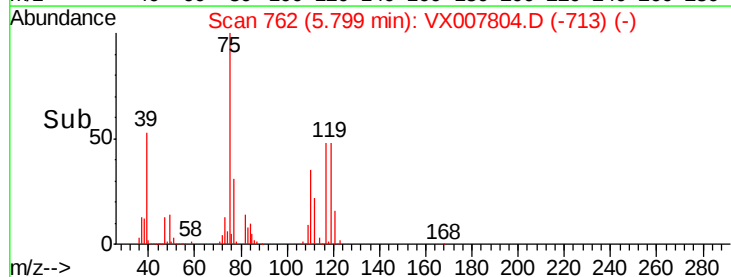
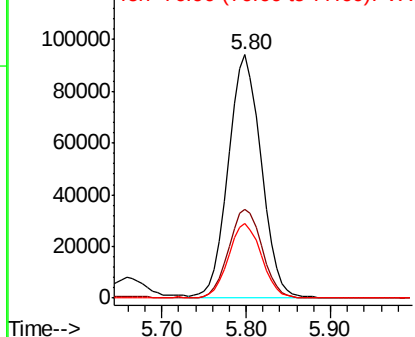


#36
 1,1-Dichloropropene
 Concen: 54.723 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Tgt Ion: 75 Resp: 249243
 Ion Ratio Lower Upper
 75 100
 110 37.3 20.0 59.9
 77 31.1 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

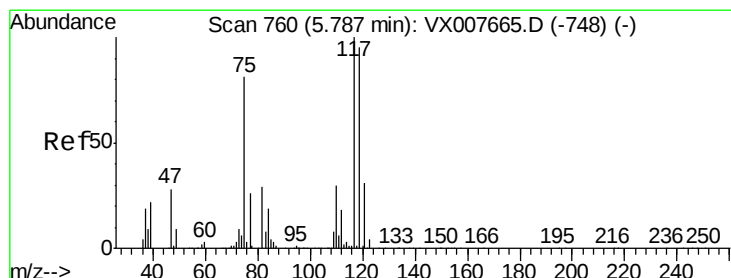
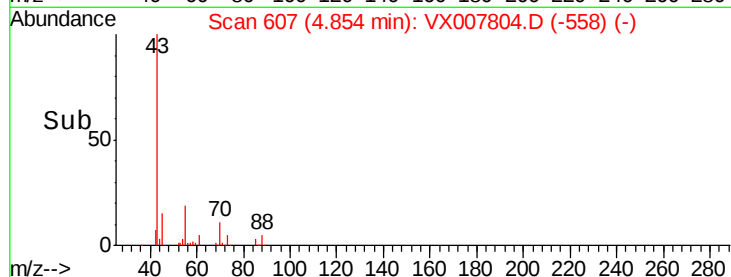
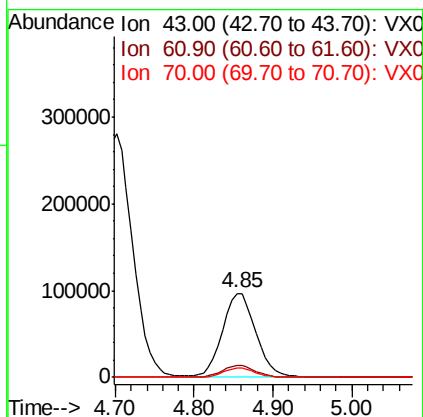
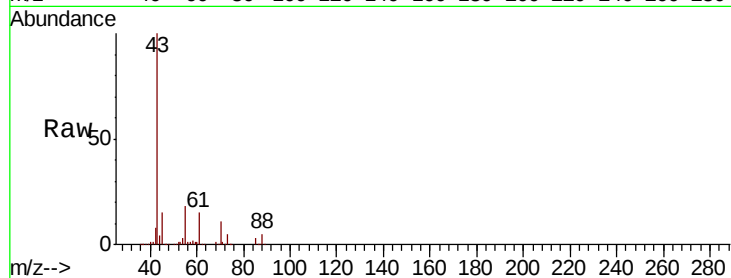




#37
Ethyl Acetate
Concen: 56.234 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

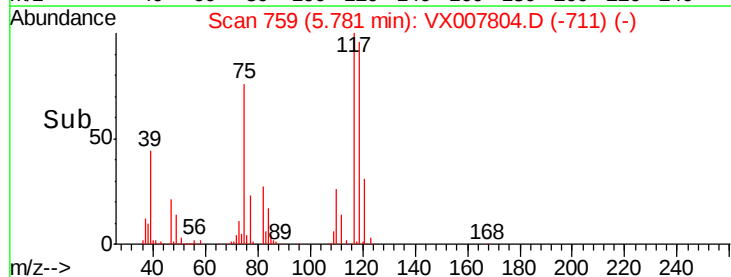
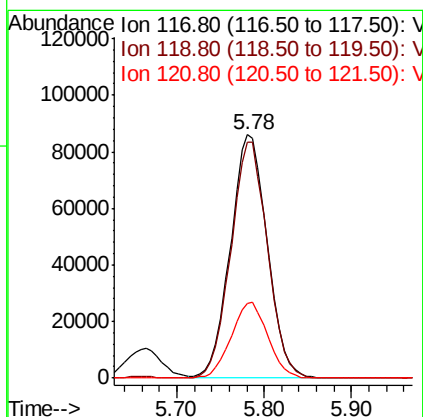
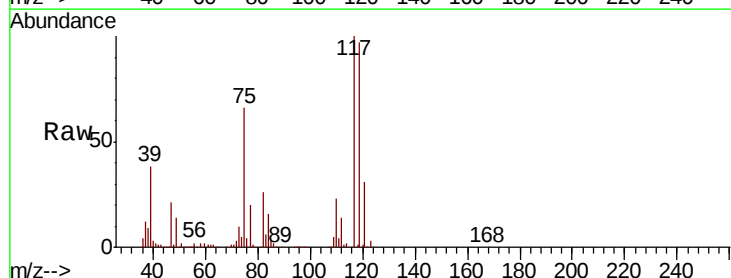
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

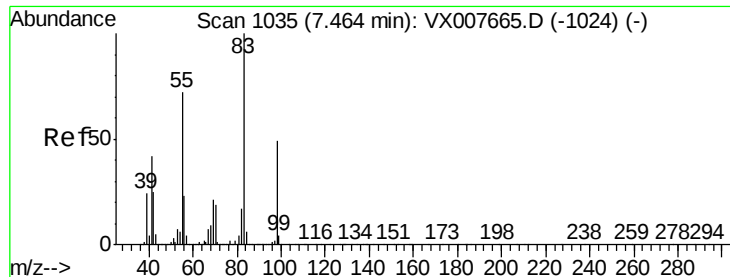
Tgt Ion: 43 Resp: 284515
Ion Ratio Lower Upper
43 100
61 14.0 11.3 16.9
70 10.7 8.6 13.0



#38
Carbon Tetrachloride
Concen: 54.801 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Tgt Ion: 117 Resp: 250727
Ion Ratio Lower Upper
117 100
119 96.9 75.3 112.9
121 30.7 25.0 37.4

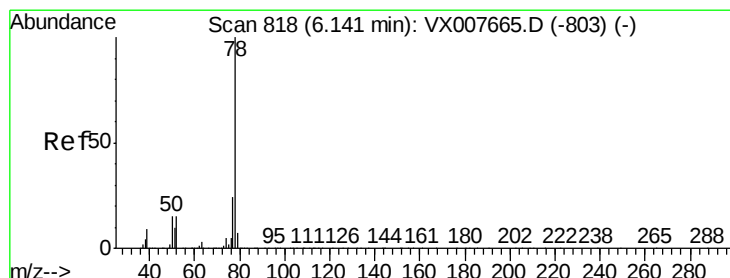
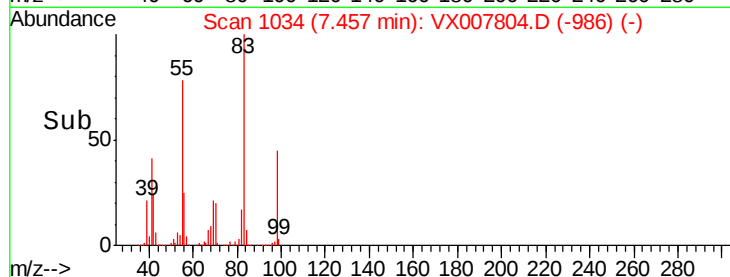
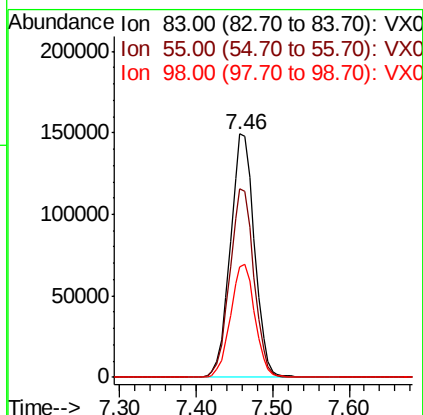
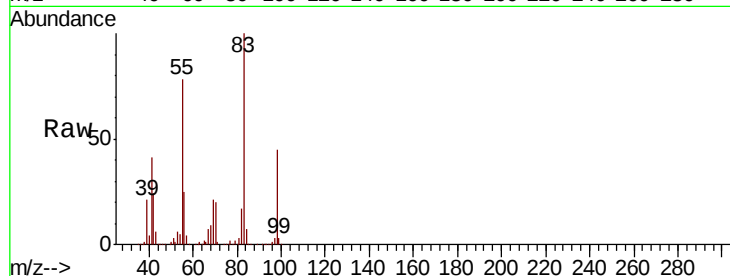




#39
Methylcyclohexane
Concen: 56.358 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

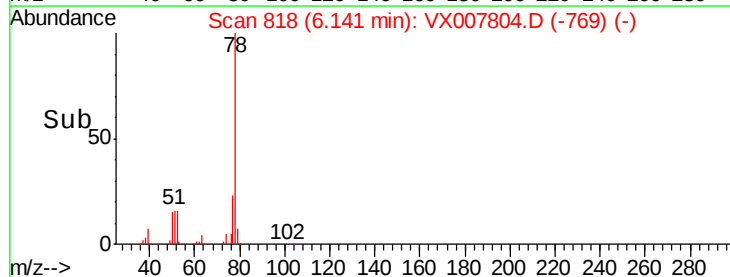
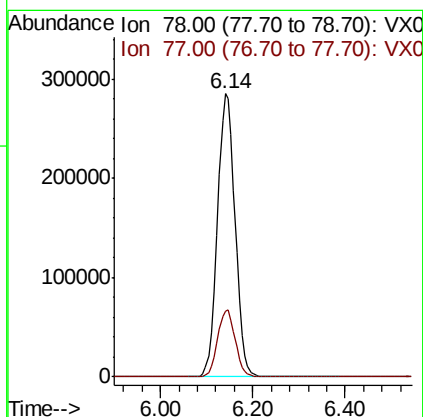
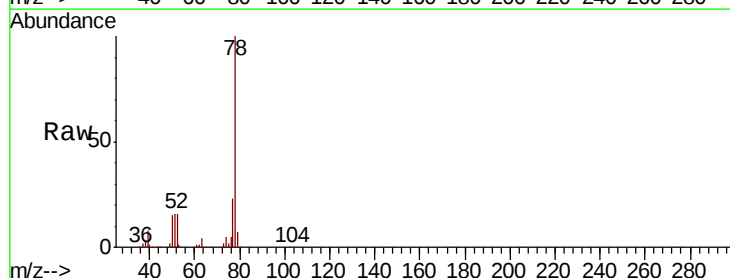
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

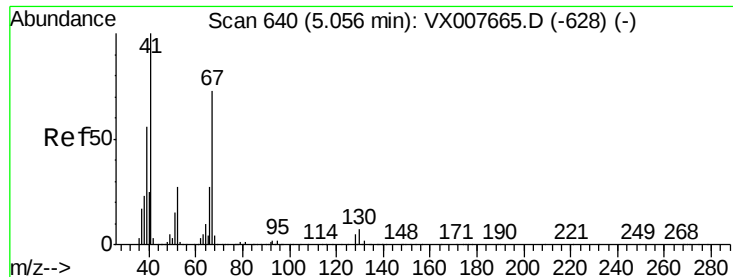
Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.6	56.2	84.2
98	45.4	36.8	55.2



#40
Benzene
Concen: 53.619 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.3	28.9





#41

Methacrylonitrile

Concen: 59.956 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 161983

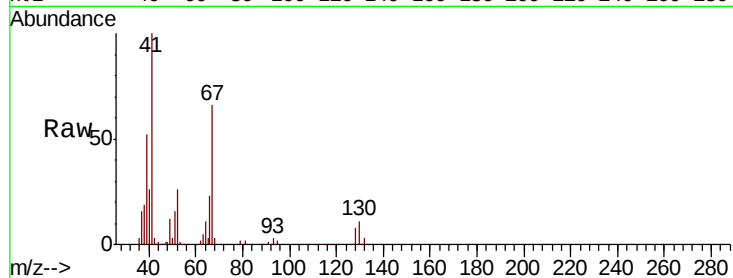
Ion Ratio Lower Upper

41 100

39 52.3 44.5 66.7

67 69.3 60.4 90.6

52 28.0 24.1 36.1

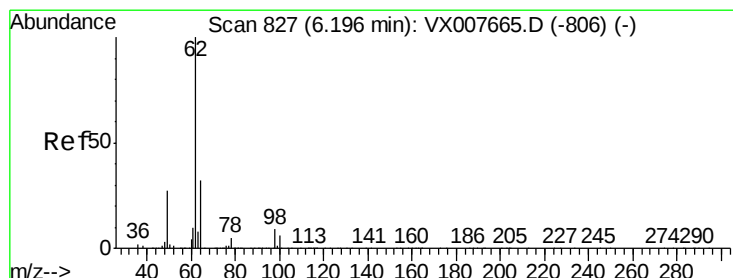
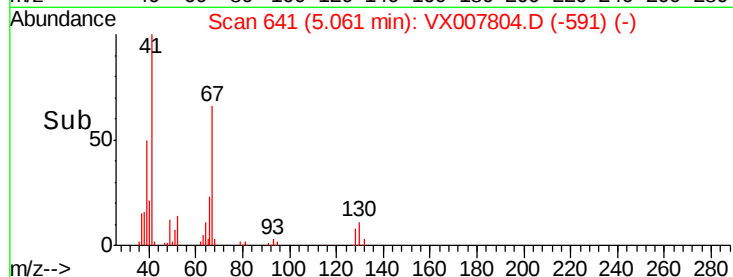
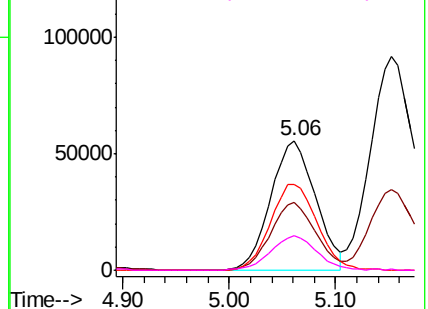


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 52.369 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007804.D

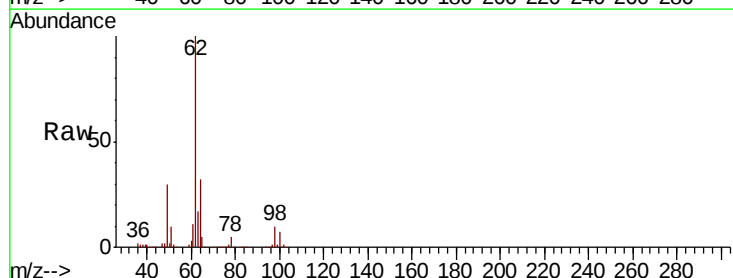
Acq: 04 Mar 2019 11:57

Tgt Ion: 62 Resp: 247480

Ion Ratio Lower Upper

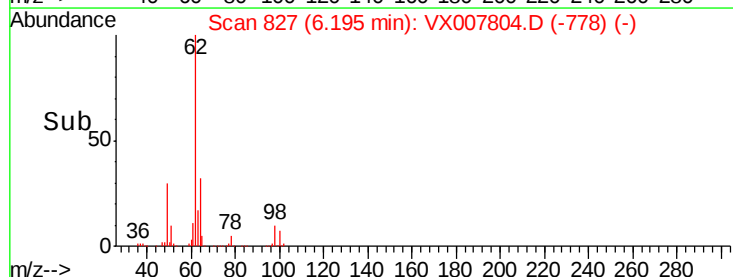
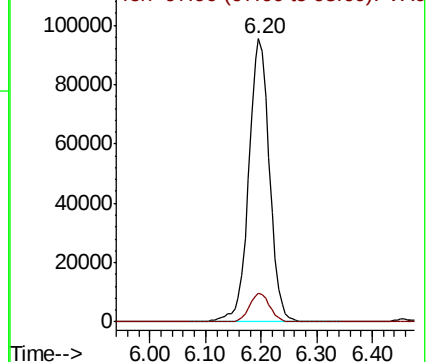
62 100

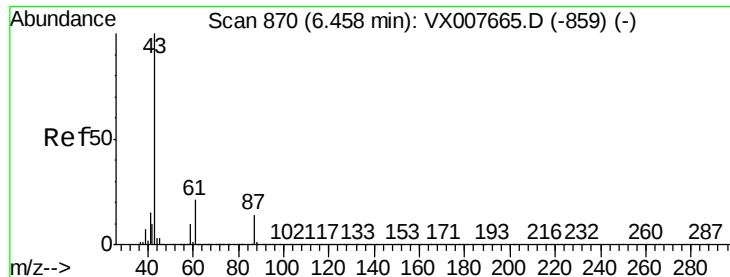
98 10.0 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 58.122 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

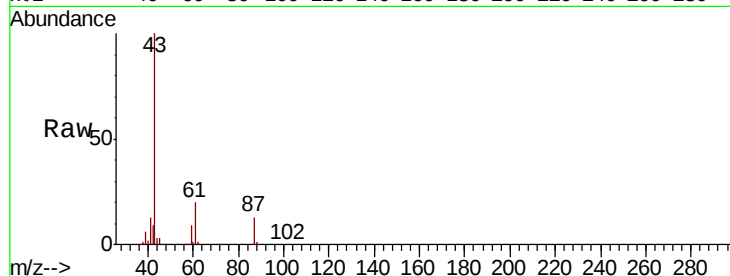
Tgt Ion: 43 Resp: 452588

Ion Ratio Lower Upper

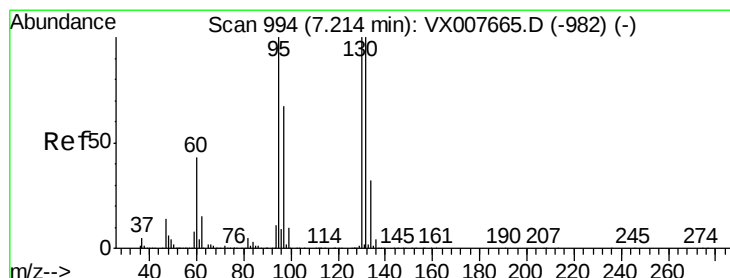
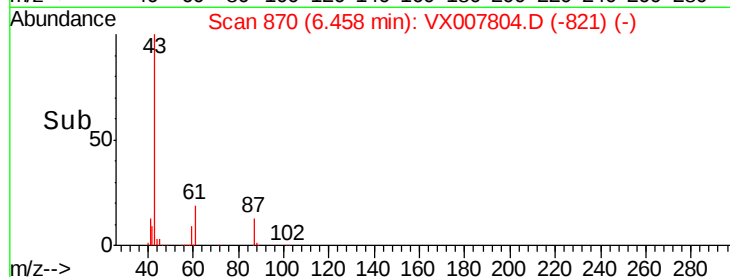
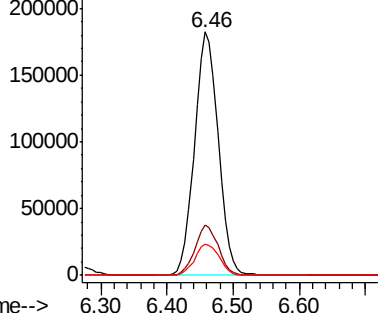
43 100

61 20.3 16.1 24.1

87 13.2 11.5 17.3



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



#44

Trichloroethene

Concen: 53.765 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007804.D

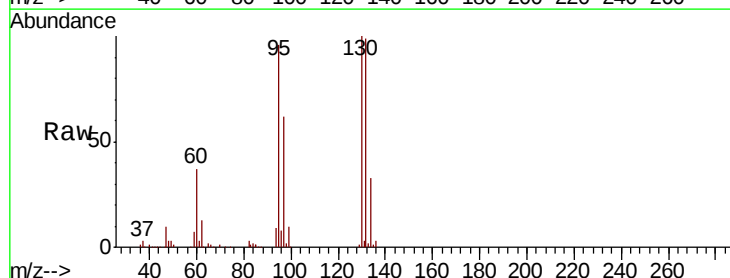
Acq: 04 Mar 2019 11:57

Tgt Ion: 130 Resp: 207950

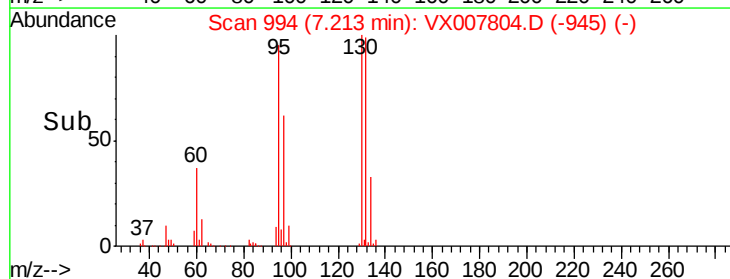
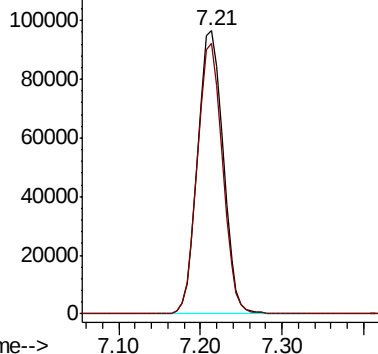
Ion Ratio Lower Upper

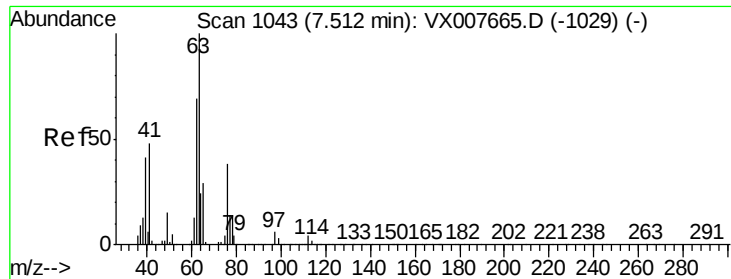
130 100

95 95.5 0.0 180.0



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





#45

1,2-Dichloropropane

Concen: 55.336 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

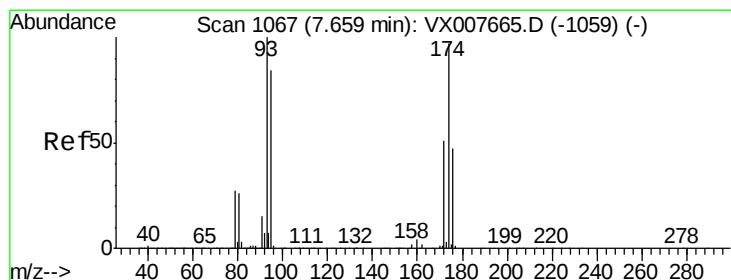
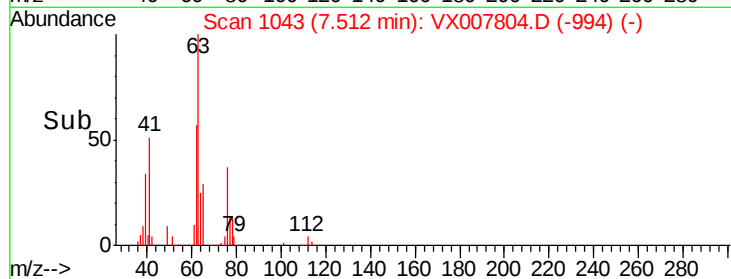
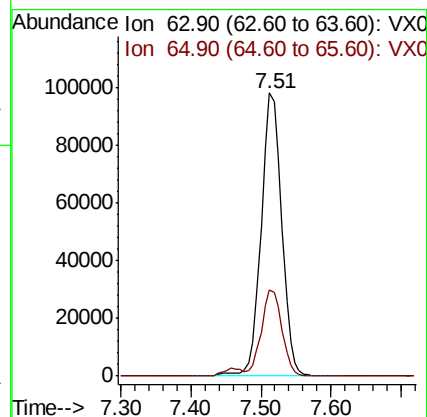
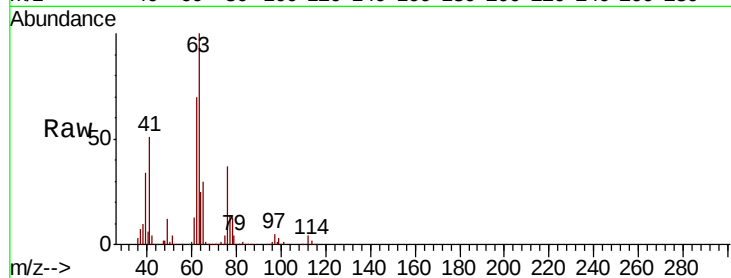
VSTDCCC050

Tgt Ion: 63 Resp: 201539

Ion Ratio Lower Upper

63 100

65 30.5 24.2 36.2



#46

Dibromomethane

Concen: 49.609 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

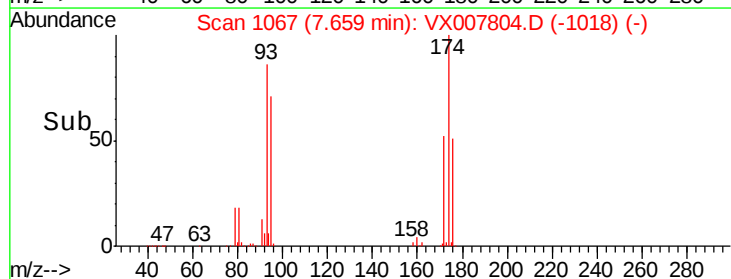
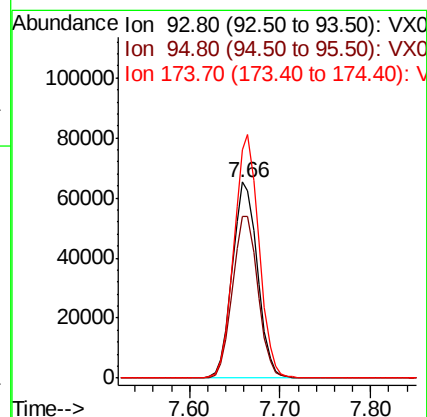
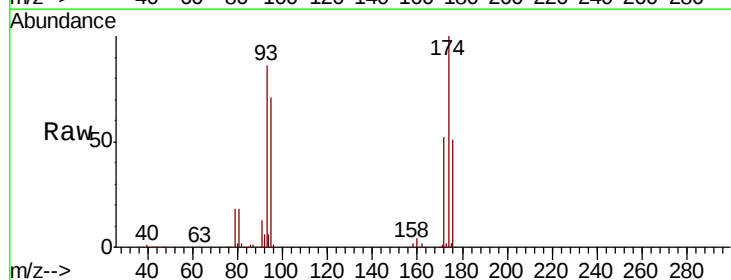
Tgt Ion: 93 Resp: 126049

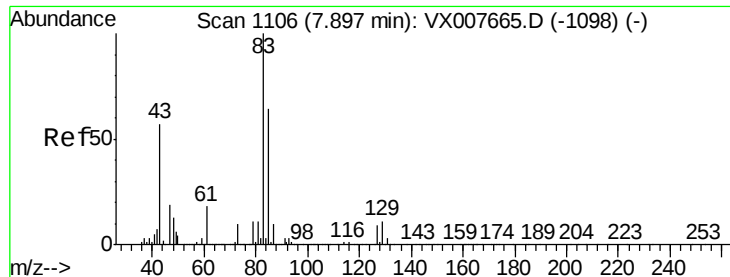
Ion Ratio Lower Upper

93 100

95 83.5 67.6 101.4

174 122.6 94.2 141.4





#47

Bromodichloromethane

Concen: 56.537 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

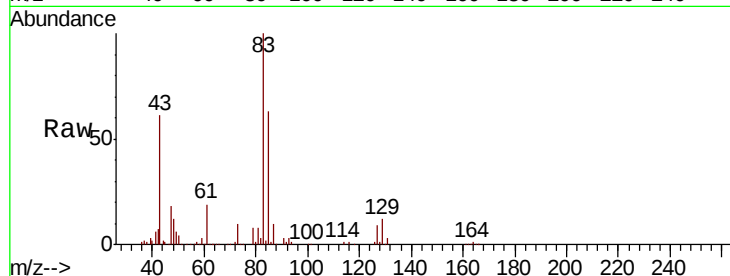
Tgt Ion: 83 Resp: 248946

Ion Ratio Lower Upper

83 100

85 63.2 51.4 77.0

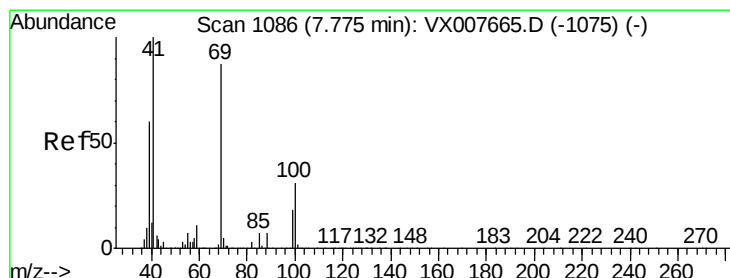
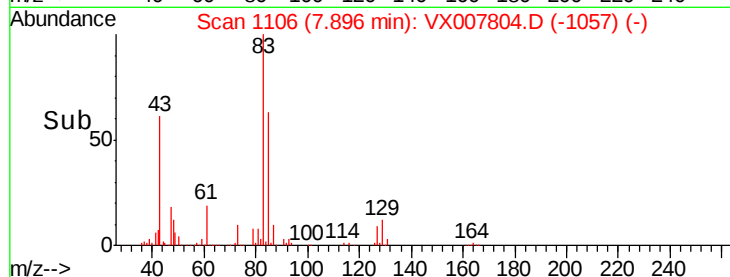
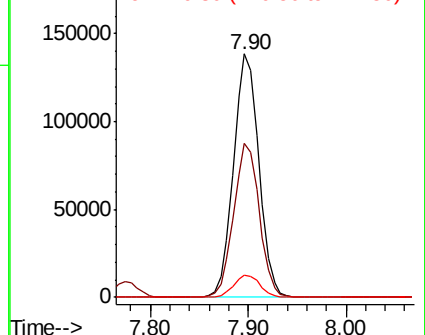
127 9.1 8.1 12.1



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: 57.957 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

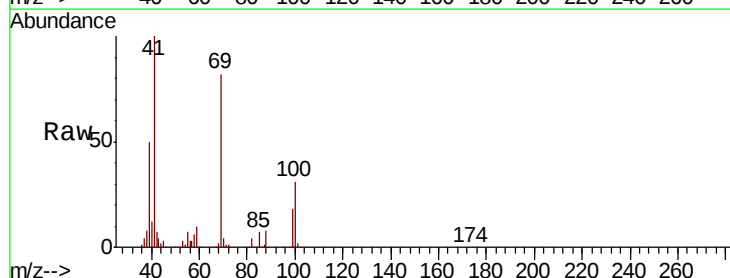
Tgt Ion: 41 Resp: 236563

Ion Ratio Lower Upper

41 100

69 81.4 70.2 105.4

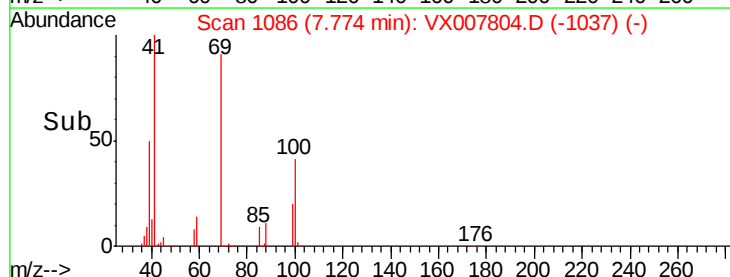
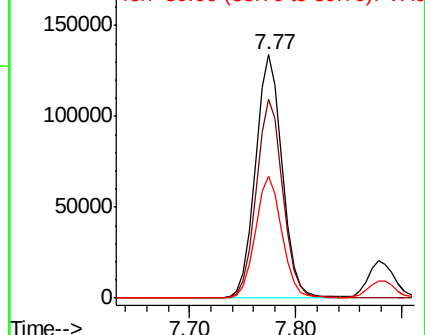
39 49.8 47.4 71.0

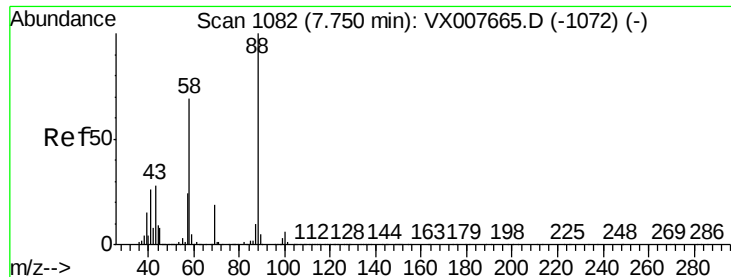


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1038.756 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

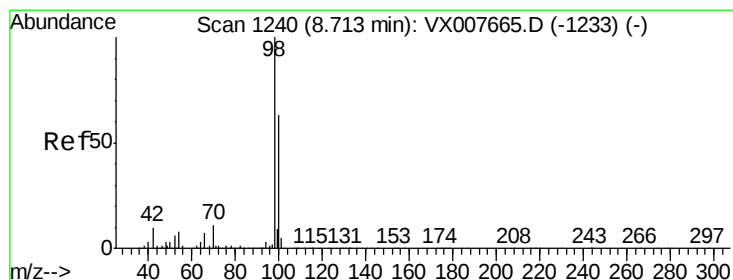
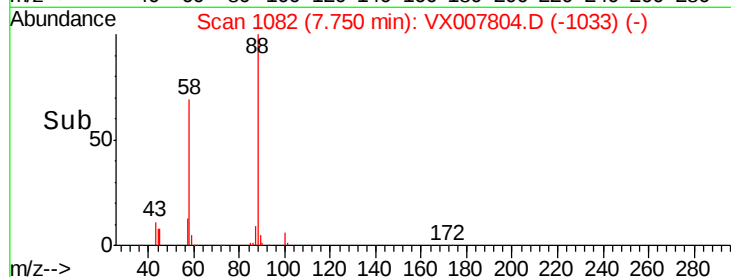
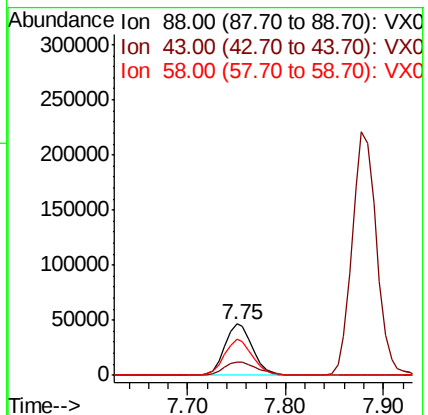
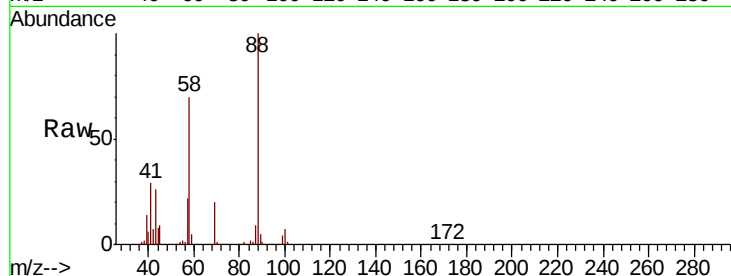
Tgt Ion: 88 Resp: 91575

Ion Ratio Lower Upper

88 100

43 31.3 24.2 36.4

58 71.6 53.0 79.4



#50

Toluene-d8

Concen: 46.187 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007804.D

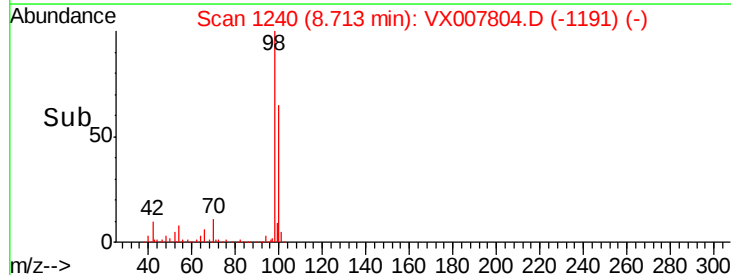
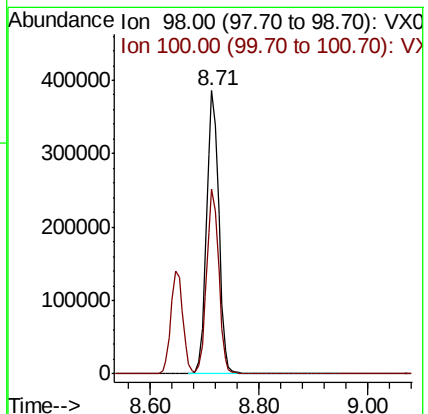
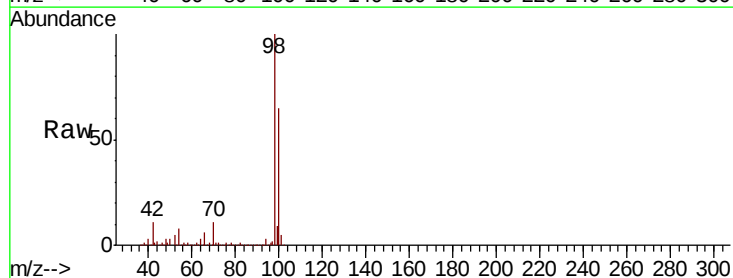
Acq: 04 Mar 2019 11:57

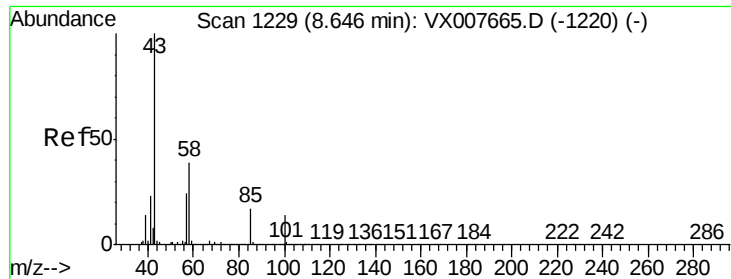
Tgt Ion: 98 Resp: 598820

Ion Ratio Lower Upper

98 100

100 64.8 51.6 77.4

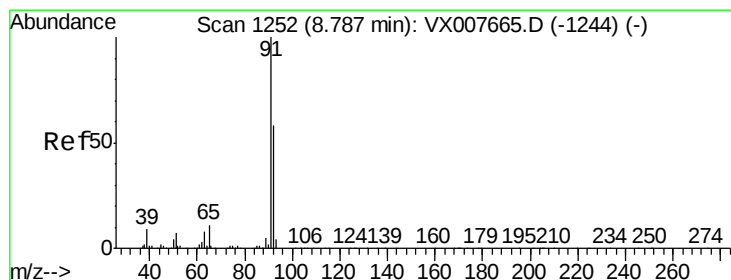
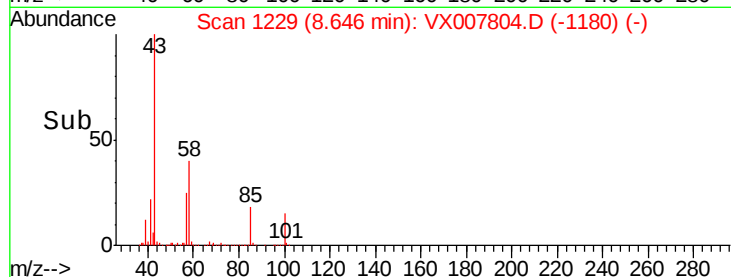
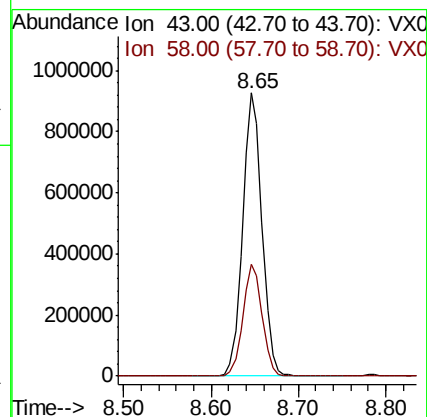
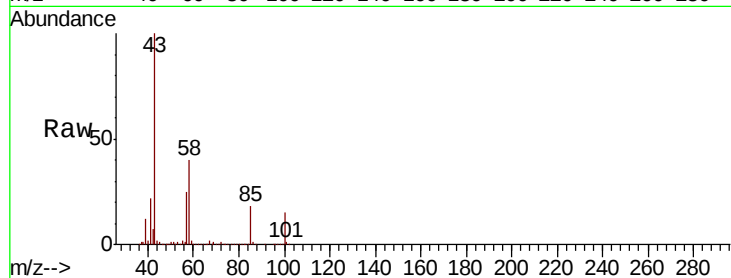




#51
 4-Methyl-2-Pentanone
 Concen: 274.063 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

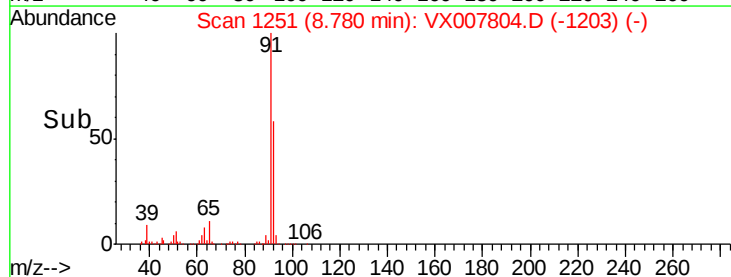
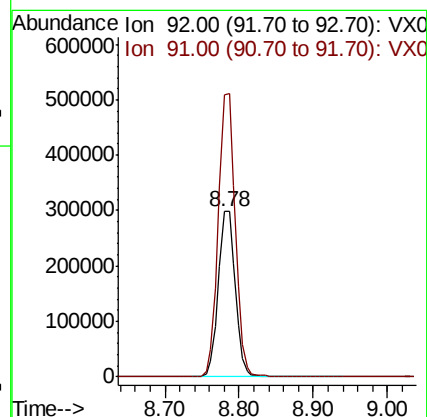
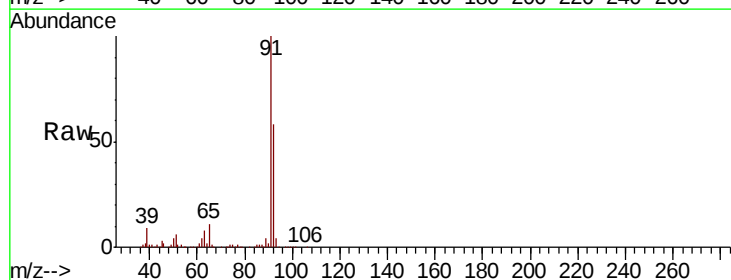
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

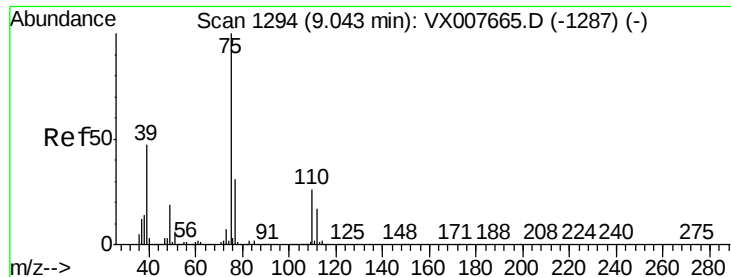
Tgt Ion: 43 Resp: 1428505
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.2 46.8



#52
 Toluene
 Concen: 52.875 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Tgt Ion: 92 Resp: 468792
 Ion Ratio Lower Upper
 92 100
 91 171.1 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 51.982 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

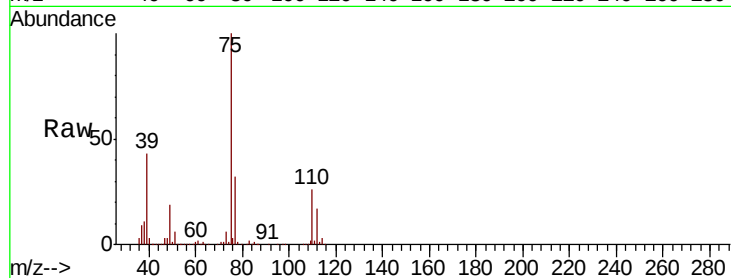
VSTDCCC050

Tgt Ion: 75 Resp: 285199

Ion Ratio Lower Upper

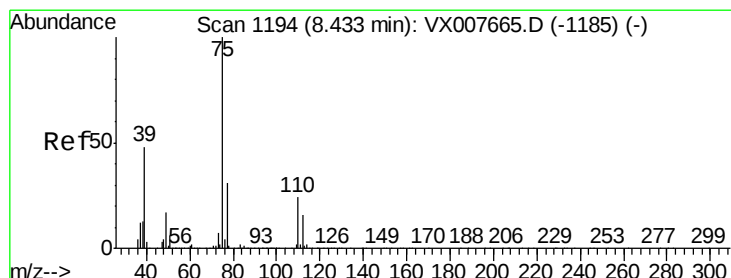
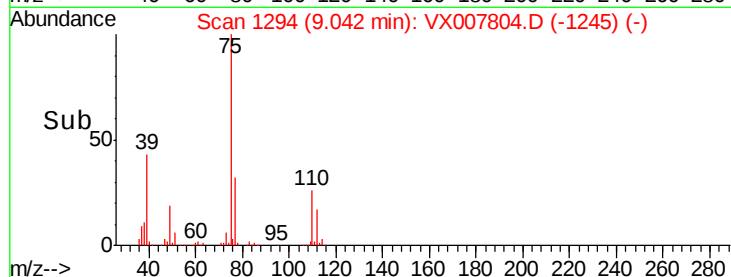
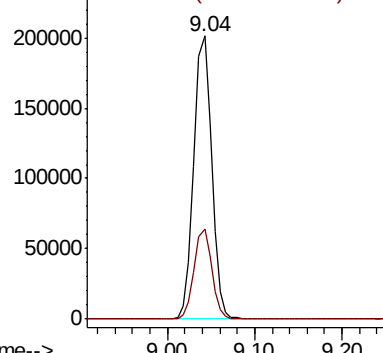
75 100

77 31.8 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 58.336 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

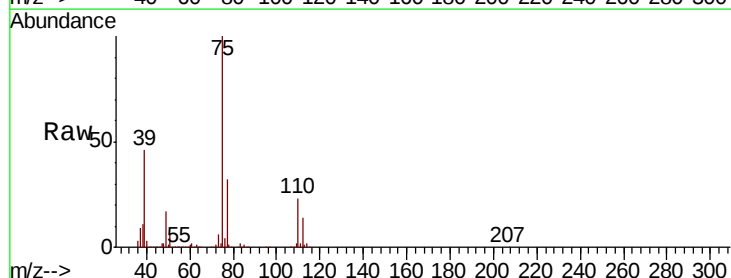
Tgt Ion: 75 Resp: 311713

Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.4

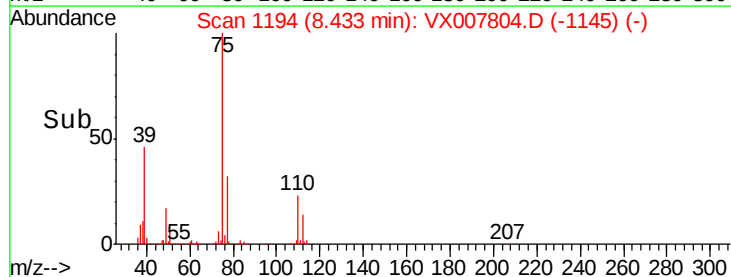
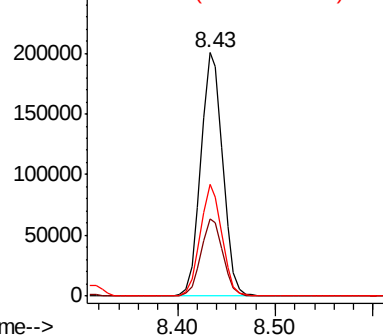
39 46.0 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

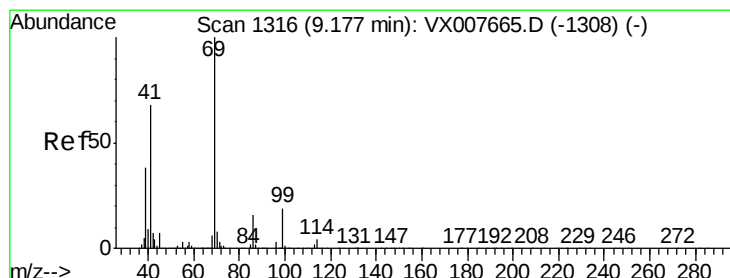
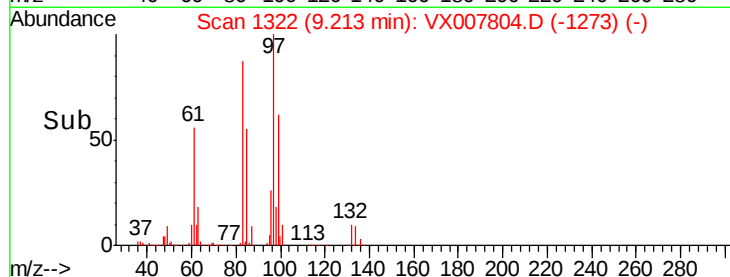
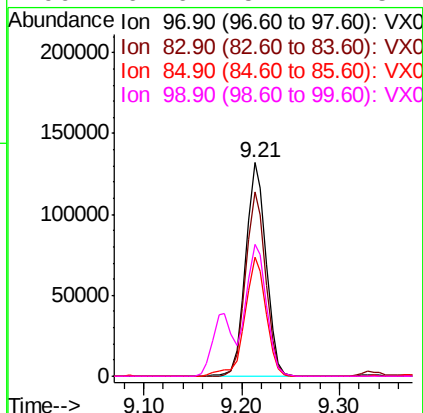
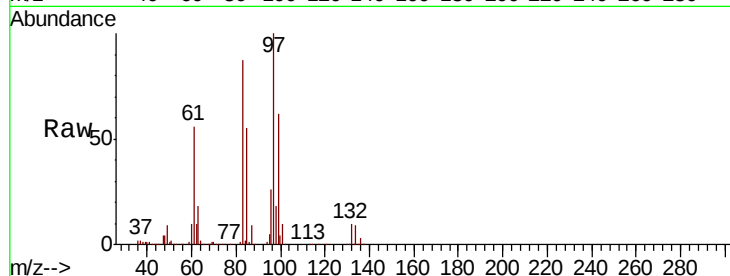




#55
 1,1,2-Trichloroethane
 Concen: 51.695 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

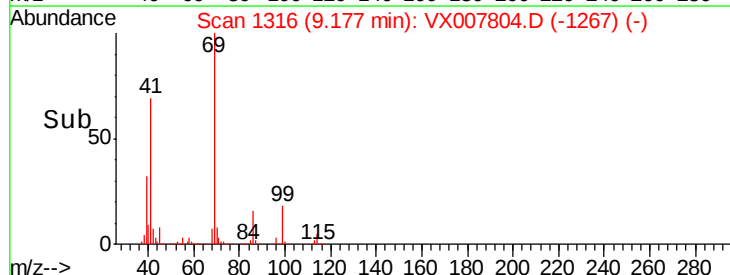
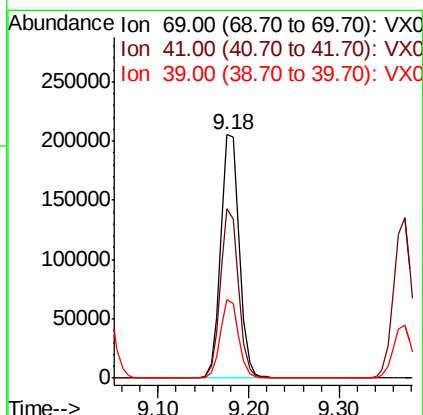
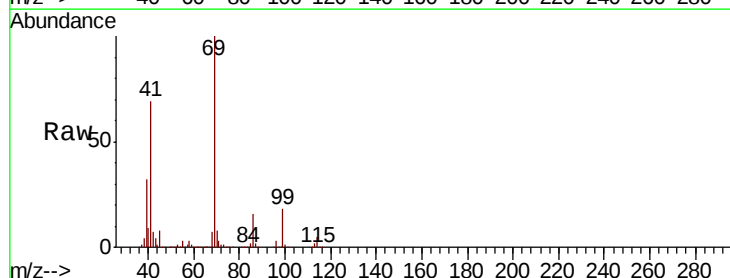
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	191125
Ion	Ratio	Lower	Upper
97	100		
83	86.5	68.6	102.8
85	55.5	44.5	66.7
99	61.6	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 55.962 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Tgt Ion:	69	Resp:	294226
Ion	Ratio	Lower	Upper
69	100		
41	67.6	52.1	78.1
39	31.6	30.1	45.1

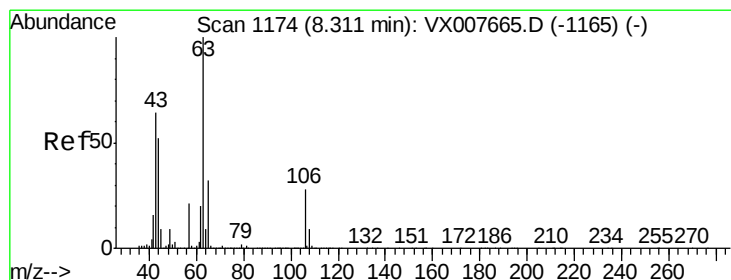
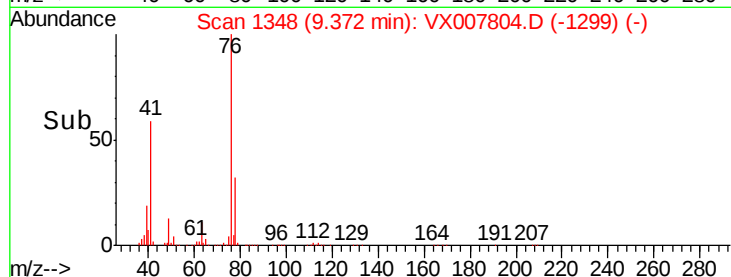
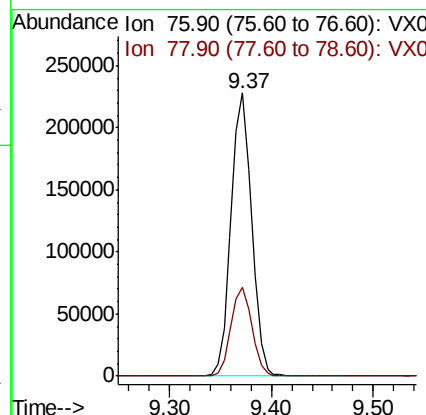
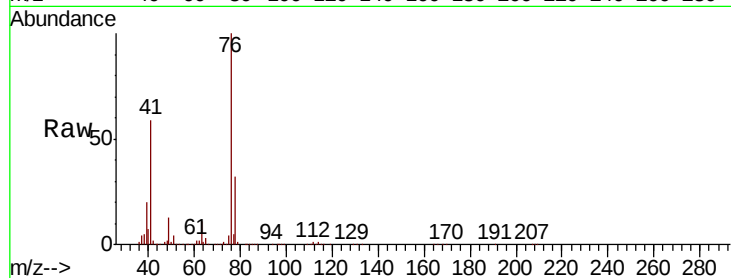




#57
 1,3-Dichloropropane
 Concen: 53.855 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

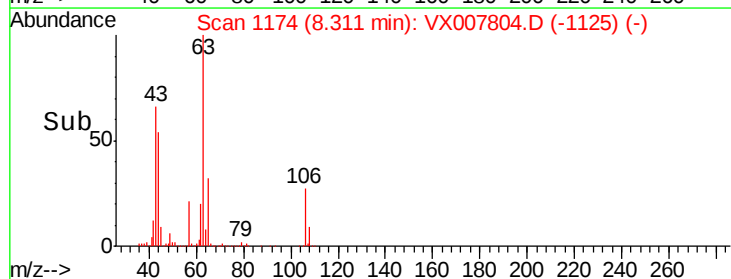
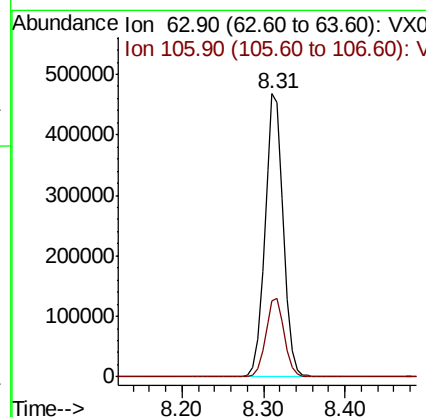
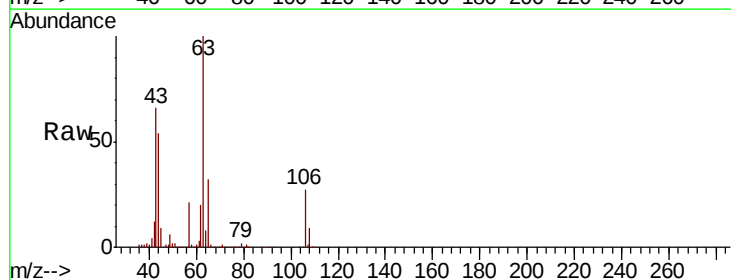
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 318731
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.321 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Tgt Ion: 63 Resp: 734458
 Ion Ratio Lower Upper
 63 100
 106 27.9 23.6 35.4

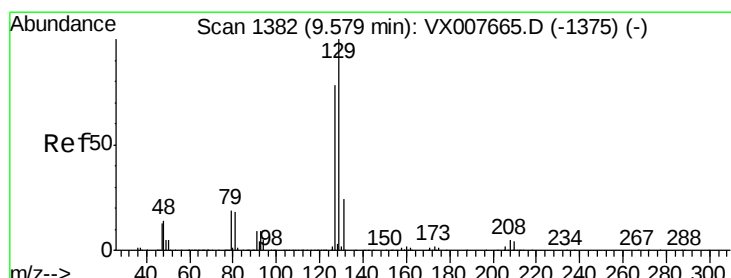
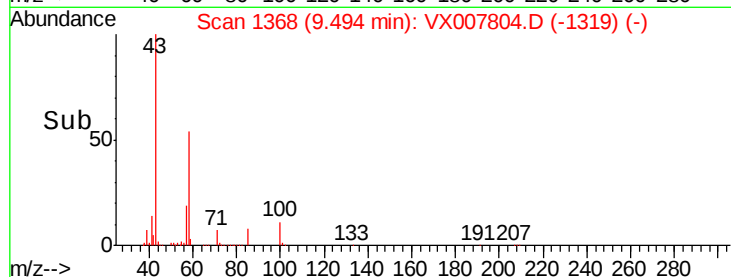
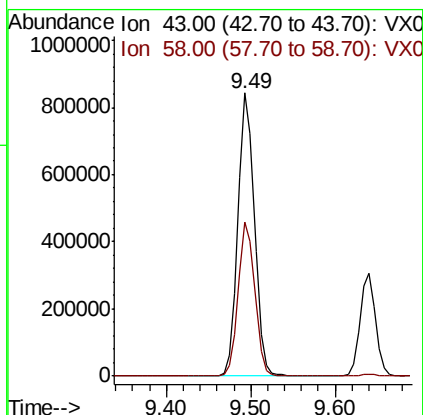
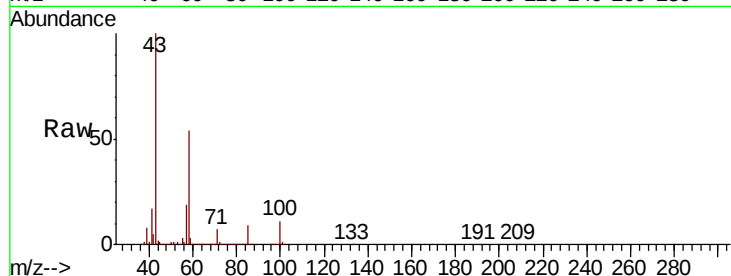




#59
2-Hexanone
Concen: 271.470 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

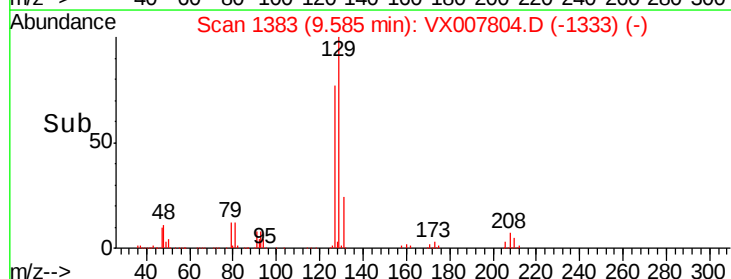
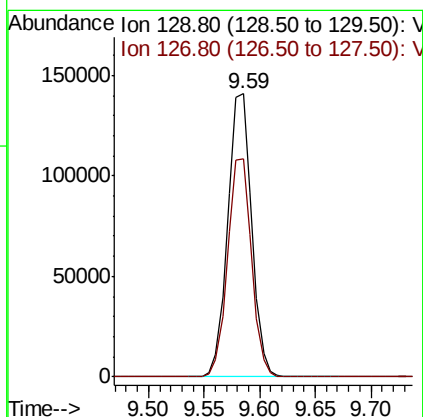
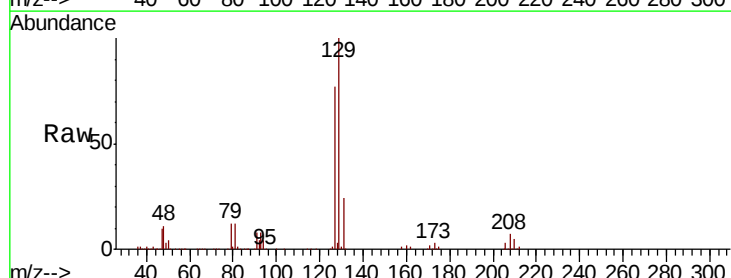
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

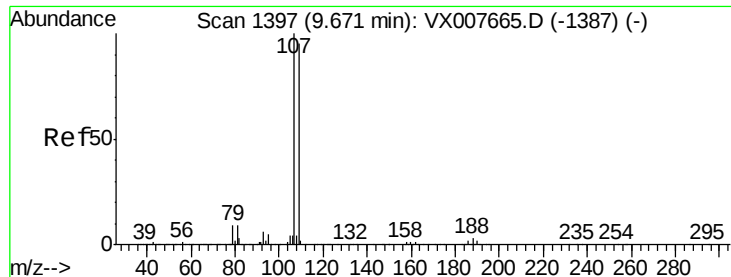
Tgt Ion: 43 Resp: 1110896
Ion Ratio Lower Upper
43 100
58 54.6 27.1 81.3



#60
Dibromochloromethane
Concen: 58.674 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Tgt Ion: 129 Resp: 208735
Ion Ratio Lower Upper
129 100
127 77.4 37.8 113.4





#61

1,2-Dibromoethane

Concen: 52.381 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

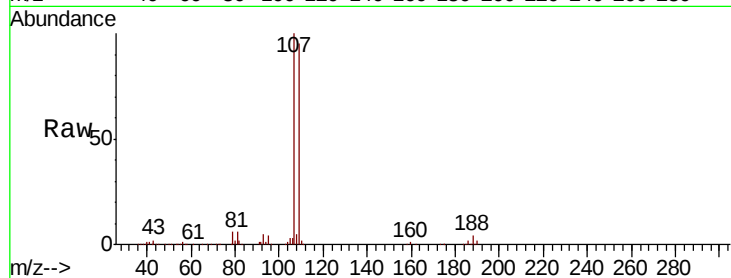
VSTDCCC050

Tgt Ion: 107 Resp: 201071

Ion Ratio Lower Upper

107 100

109 94.9 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

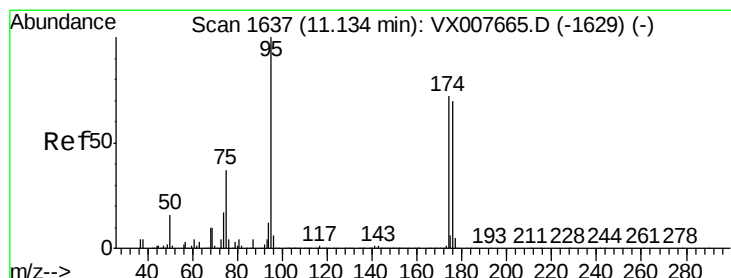
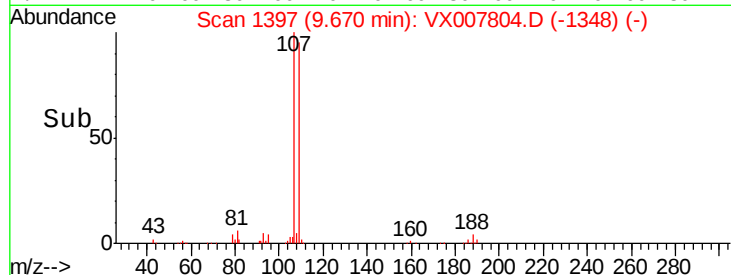
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.243 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

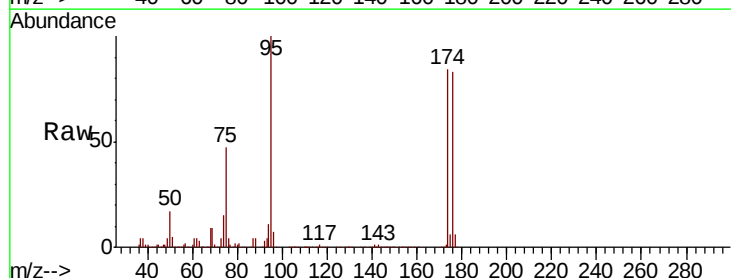
Tgt Ion: 95 Resp: 215297

Ion Ratio Lower Upper

95 100

174 93.0 0.0 189.2

176 90.7 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

200000

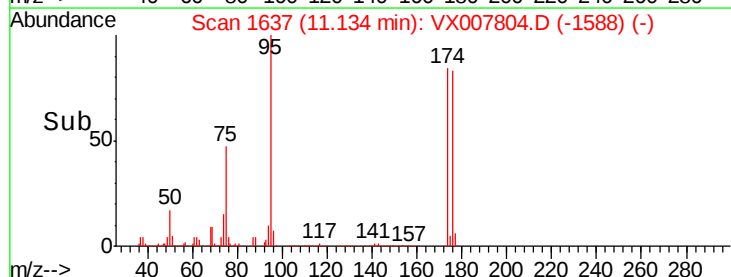
150000

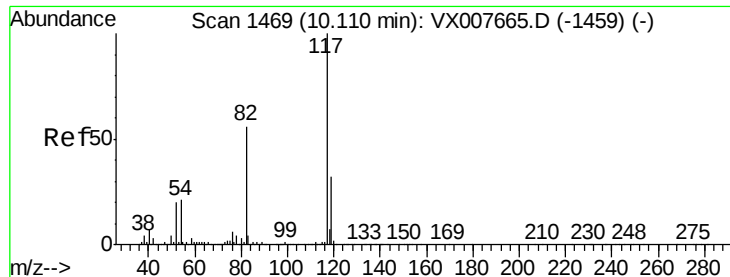
100000

50000

0

Time-->

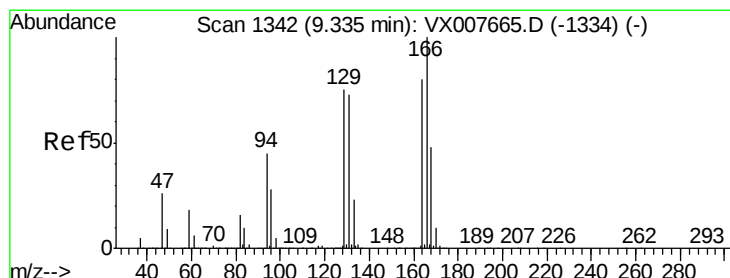
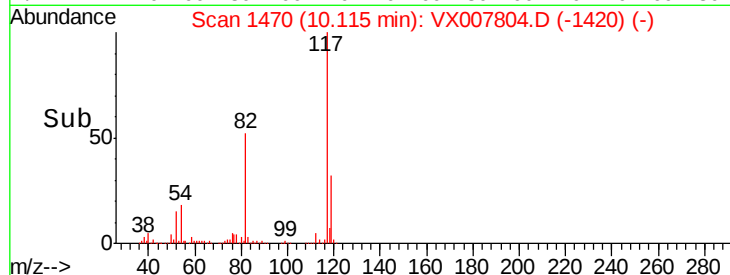
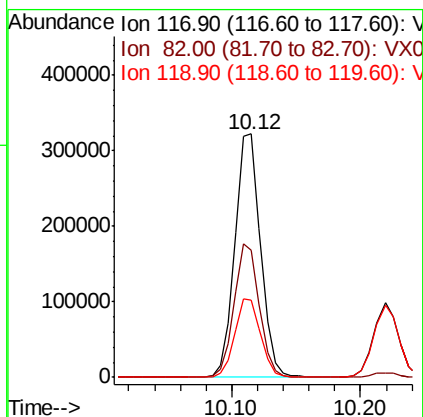
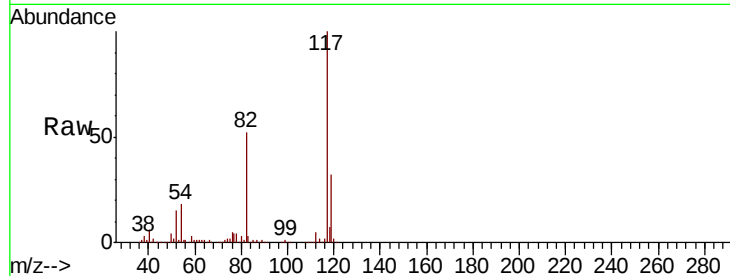




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

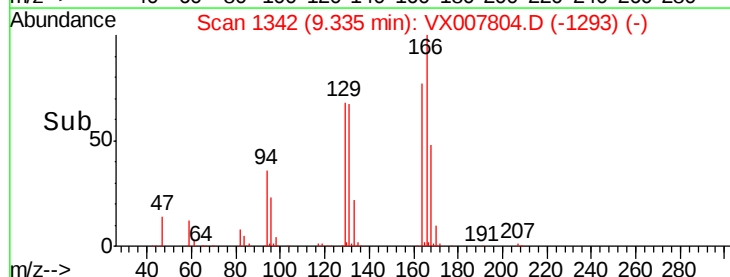
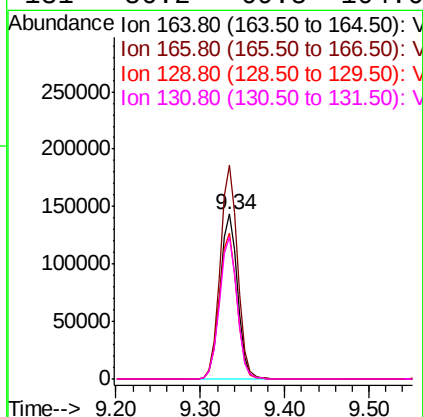
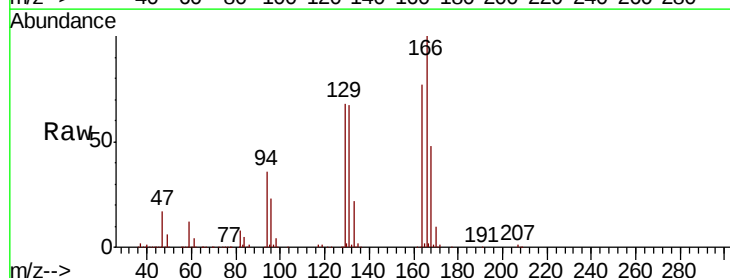
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.1	63.1
119	31.8	26.5	39.7



#64
Tetrachloroethene
Concen: 56.936 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.6	101.0	151.4
129	88.6	70.5	105.7
131	86.2	69.8	104.6





#65

Chlorobenzene

Concen: 53.187 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

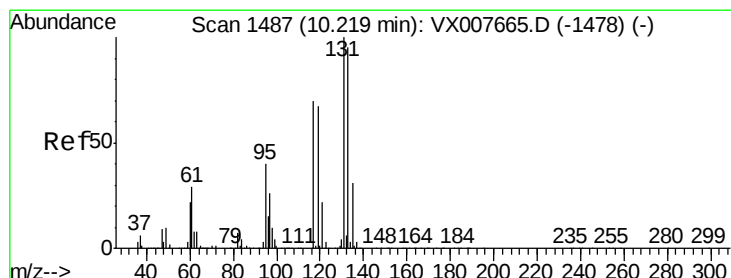
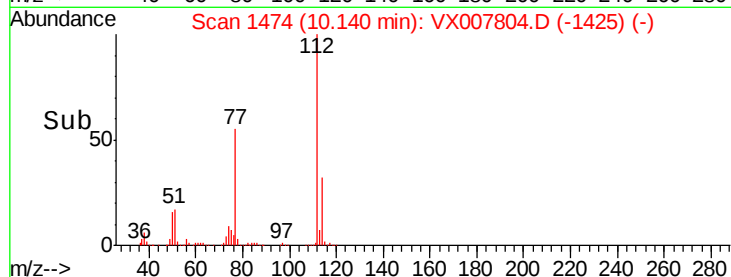
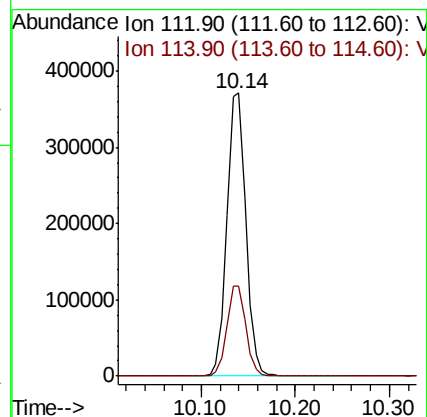
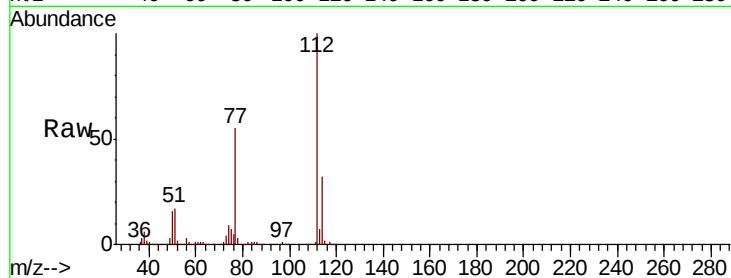
VSTDCCC050

Tgt Ion:112 Resp: 516677

Ion Ratio Lower Upper

112 100

114 32.1 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 56.691 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

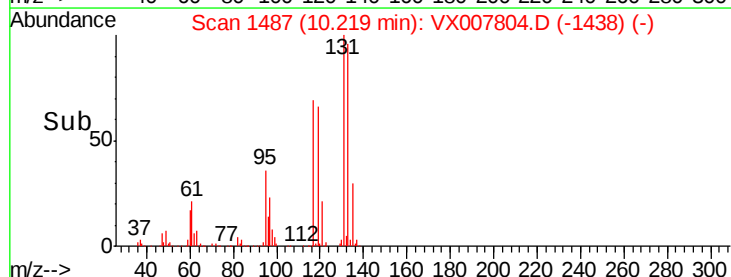
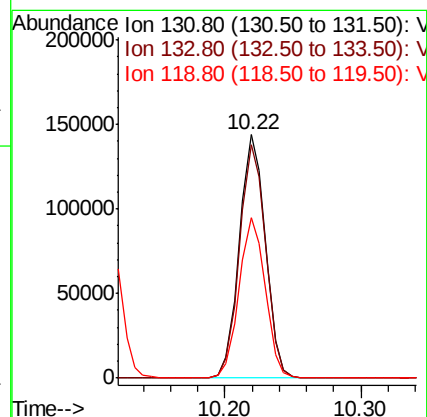
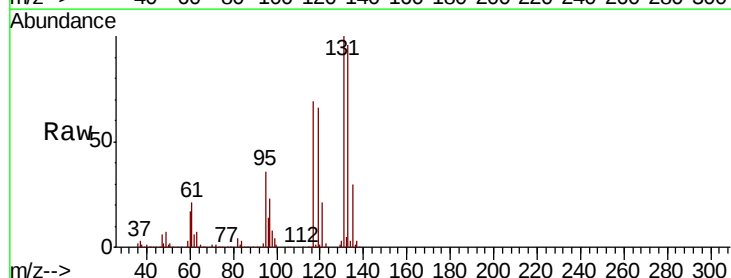
Tgt Ion:131 Resp: 192102

Ion Ratio Lower Upper

131 100

133 96.2 48.0 144.2

119 66.4 32.0 96.0





#67

Ethyl Benzene

Concen: 54.648 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

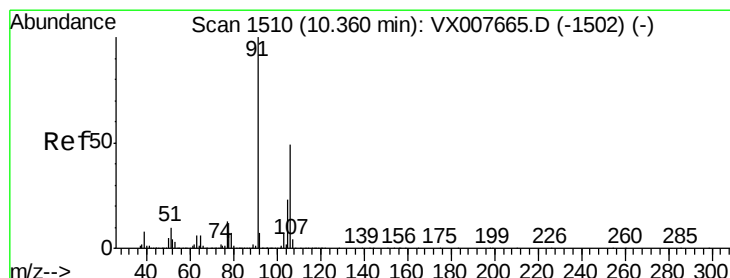
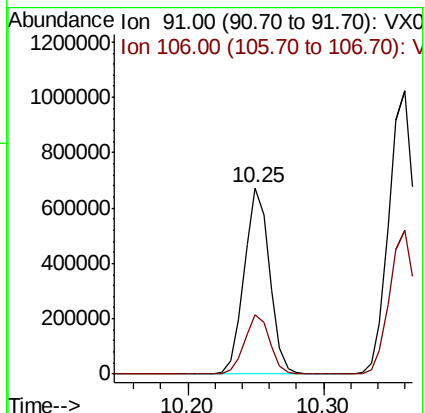
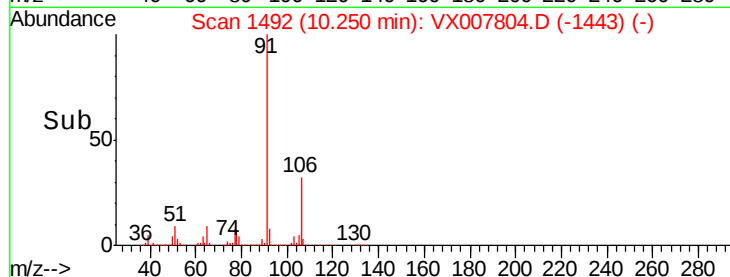
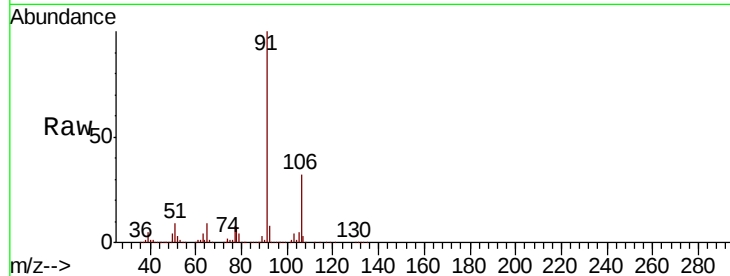
VSTDCCC050

Tgt Ion: 91 Resp: 879416

Ion Ratio Lower Upper

91 100

106 31.5 25.4 38.0



#68

m/p-Xylenes

Concen: 109.626 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007804.D

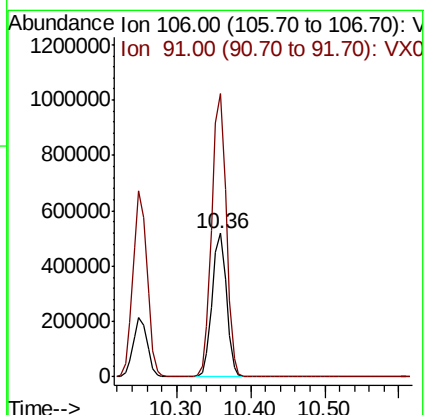
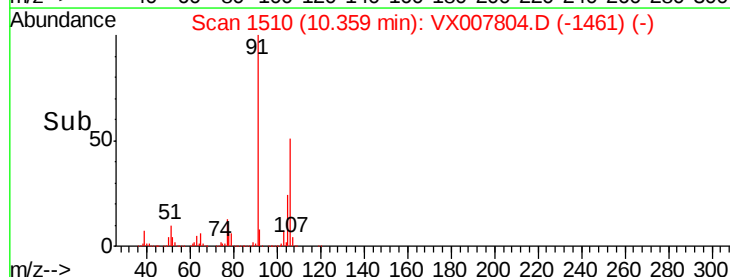
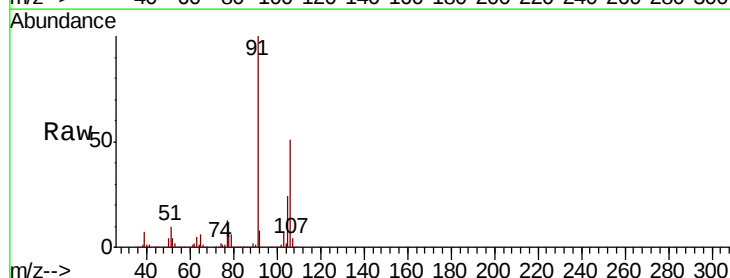
Acq: 04 Mar 2019 11:57

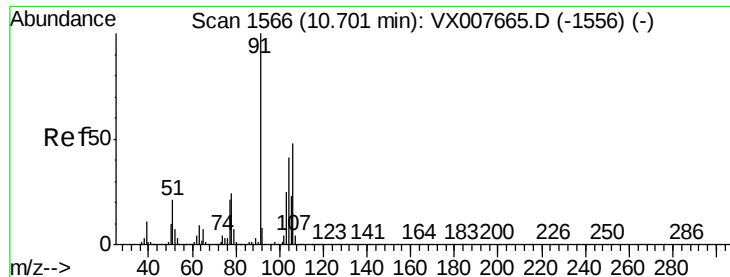
Tgt Ion: 106 Resp: 686303

Ion Ratio Lower Upper

106 100

91 199.4 156.6 234.8

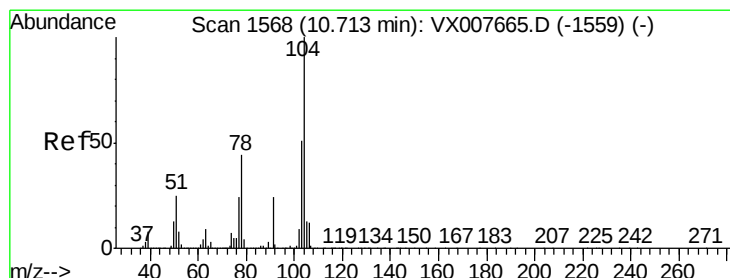
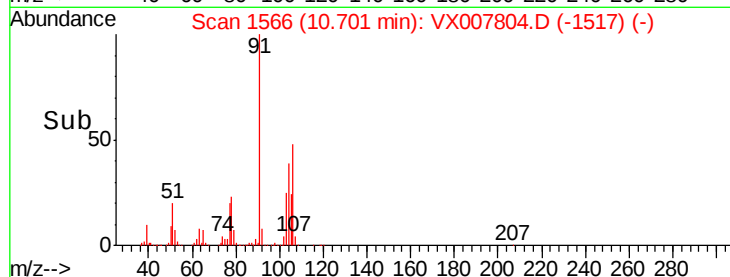
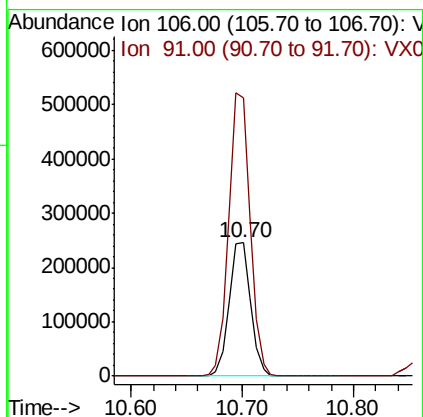
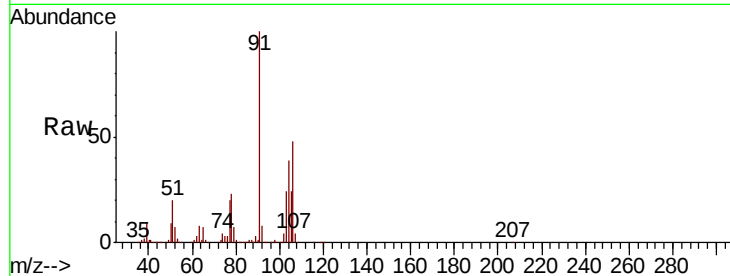




#69
o-Xylene
Concen: 54.544 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

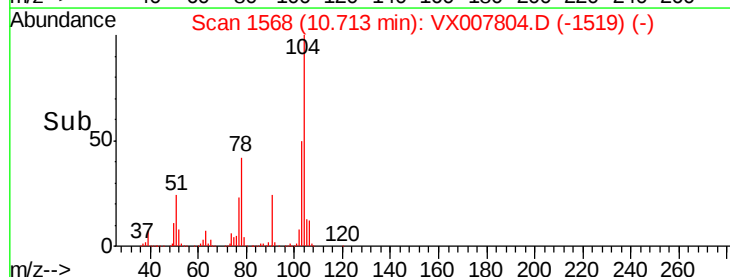
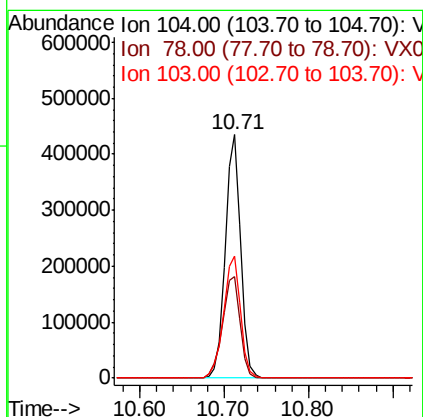
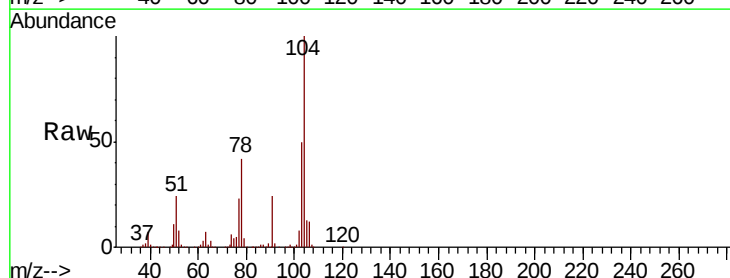
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

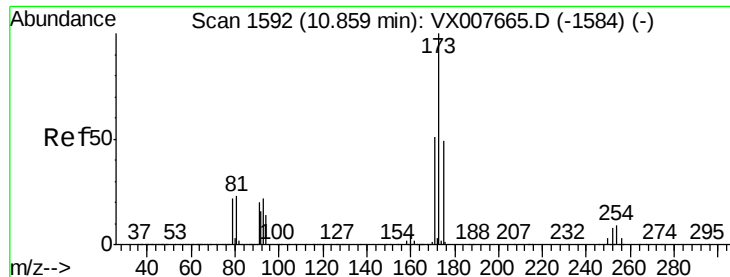
Tgt Ion:106 Resp: 328449
Ion Ratio Lower Upper
106 100
91 211.5 102.9 308.7



#70
Styrene
Concen: 55.476 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Tgt Ion:104 Resp: 549103
Ion Ratio Lower Upper
104 100
78 48.2 38.3 57.5
103 55.4 44.6 67.0

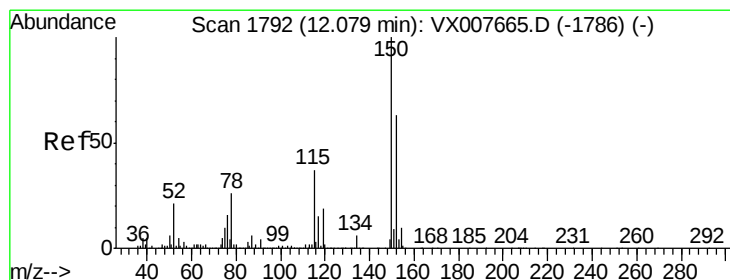
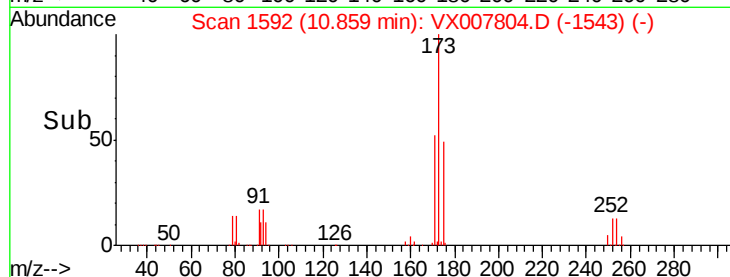
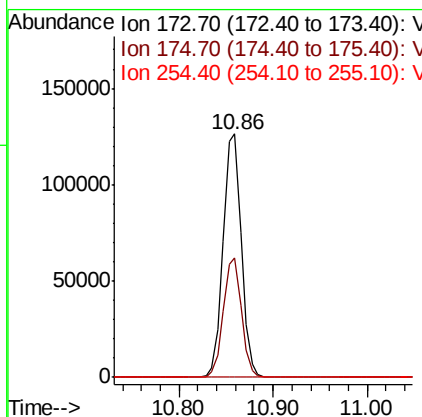
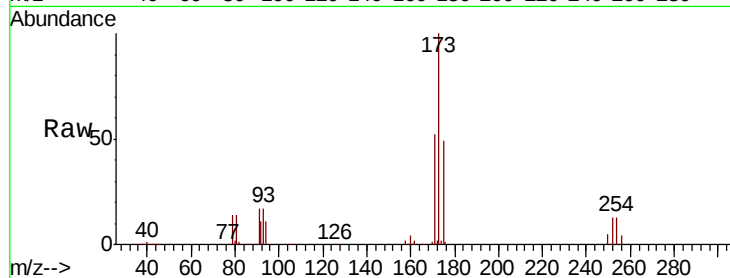




#71
Bromoform
Concen: 66.611 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

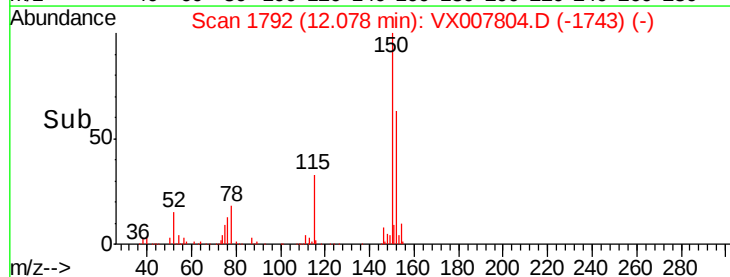
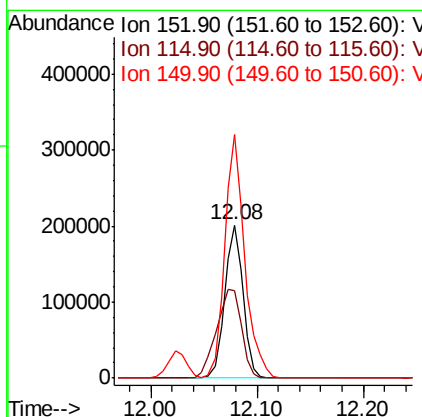
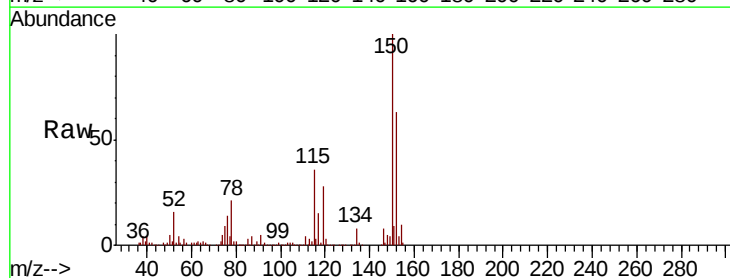
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

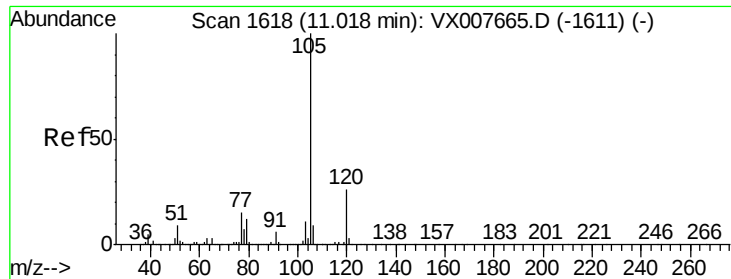
Tgt Ion:173 Resp: 169260
Ion Ratio Lower Upper
173 100
175 48.7 24.2 72.6
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Tgt Ion:152 Resp: 240407
Ion Ratio Lower Upper
152 100
115 79.0 38.0 114.0
150 174.5 0.0 346.4





#73

Isopropylbenzene

Concen: 51.950 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

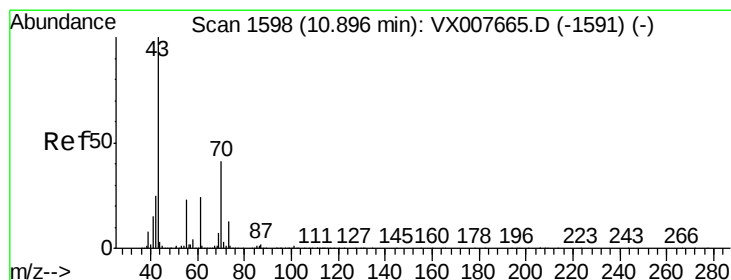
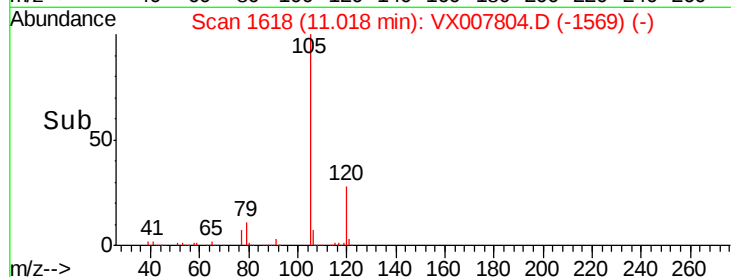
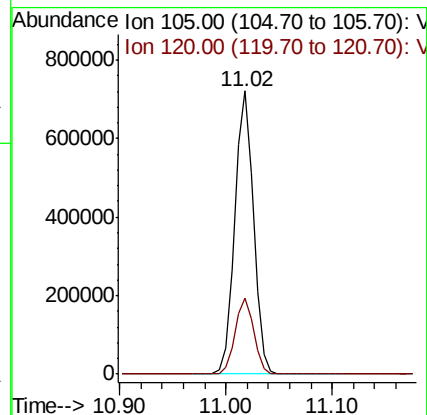
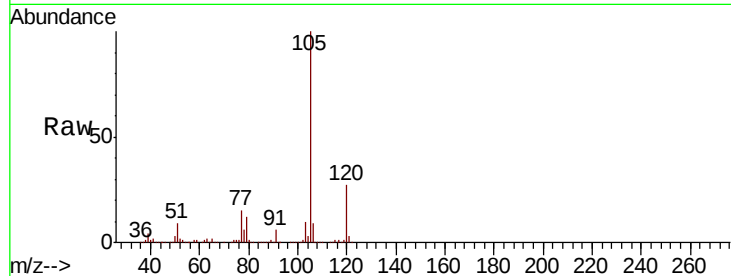
VSTDCCC050

Tgt Ion: 105 Resp: 892619

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7



#74

N-ethyl acetate

Concen: 52.858 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Tgt Ion: 43 Resp: 394401

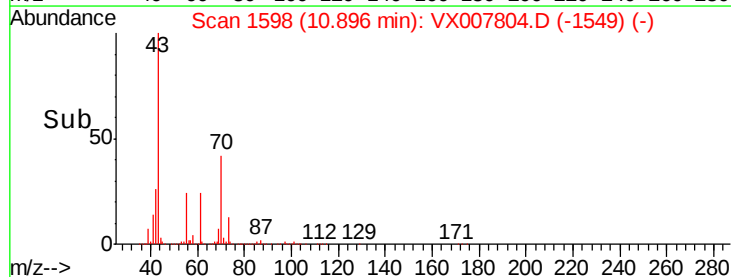
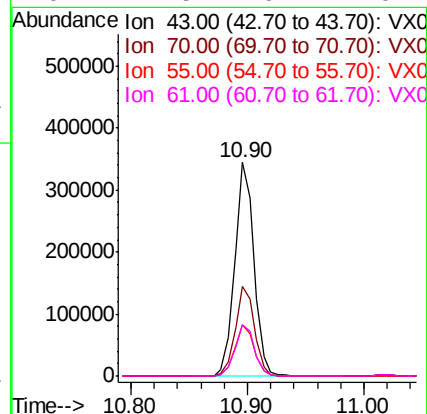
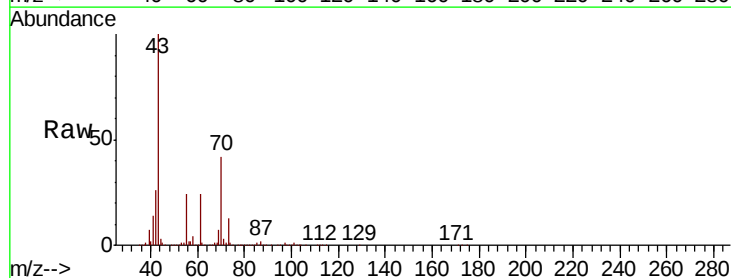
Ion Ratio Lower Upper

43 100

70 42.0 33.8 50.6

55 24.3 19.5 29.3

61 24.5 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 47.485 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

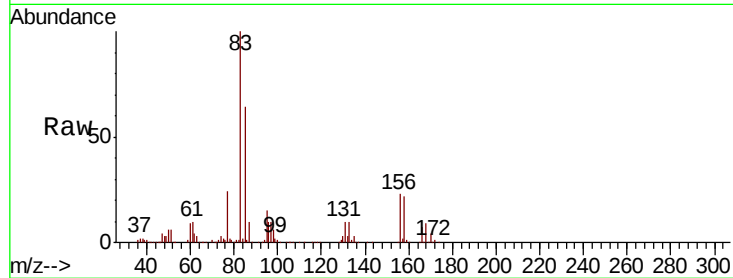
Tgt Ion: 83 Resp: 282193

Ion Ratio Lower Upper

83 100

131 10.8 5.7 17.0

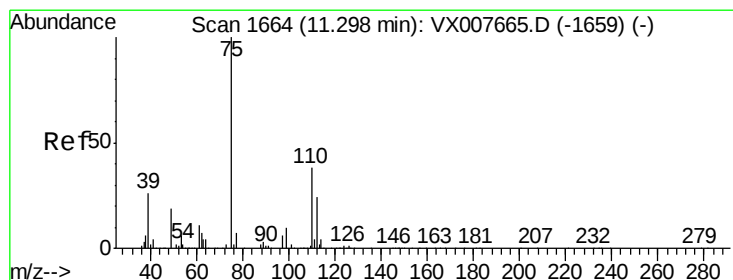
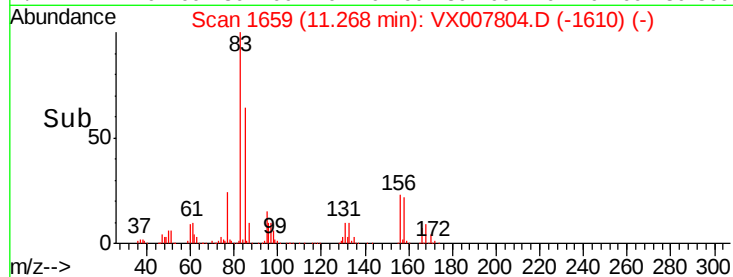
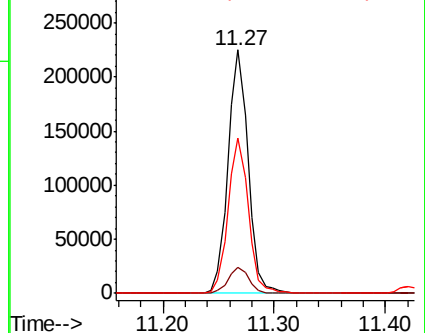
85 64.0 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 66.468 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX007804.D

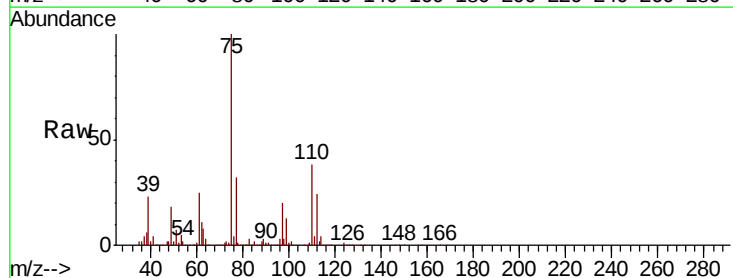
Acq: 04 Mar 2019 11:57

Tgt Ion: 75 Resp: 340609

Ion Ratio Lower Upper

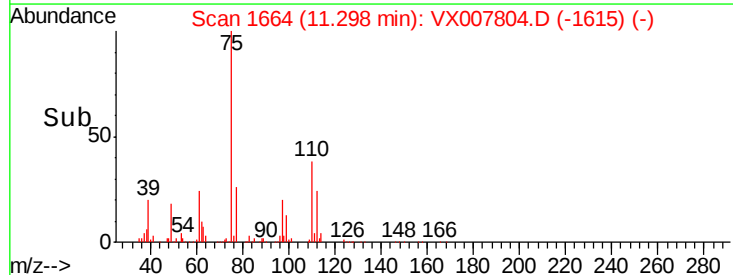
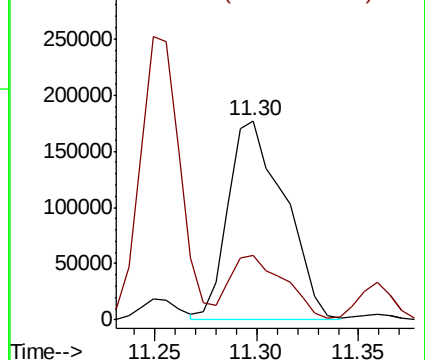
75 100

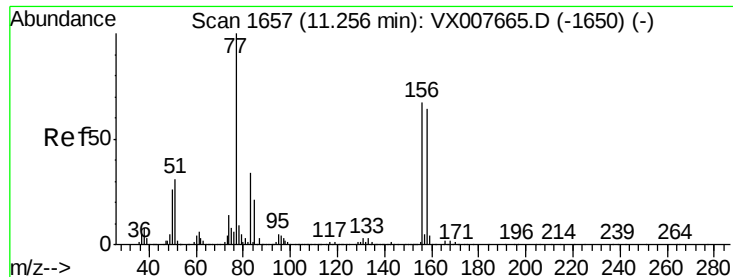
77 31.1 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 54.716 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

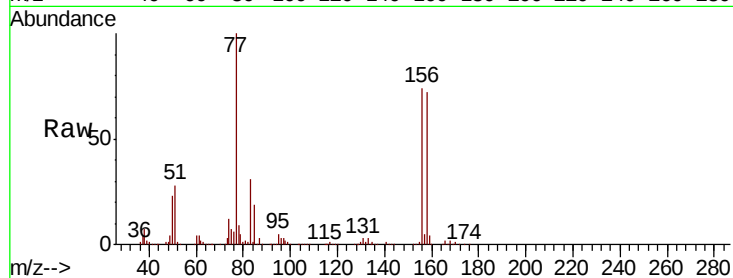
Tgt Ion:156 Resp: 235806

Ion Ratio Lower Upper

156 100

77 144.7 66.8 200.6

158 96.9 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

300000

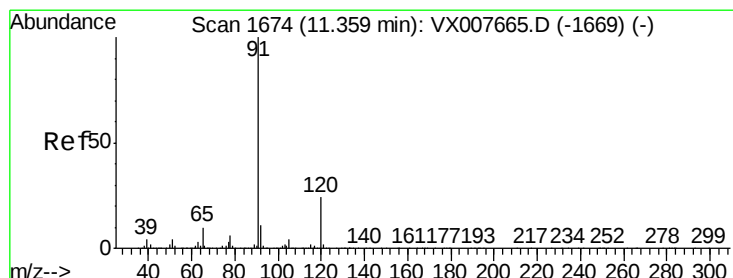
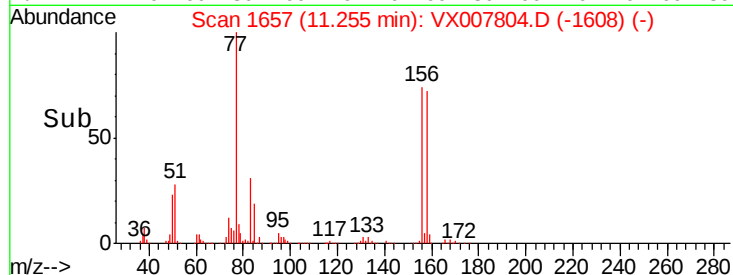
200000

100000

0

11.20 11.30

Time-->



#78

n-propylbenzene

Concen: 52.629 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007804.D

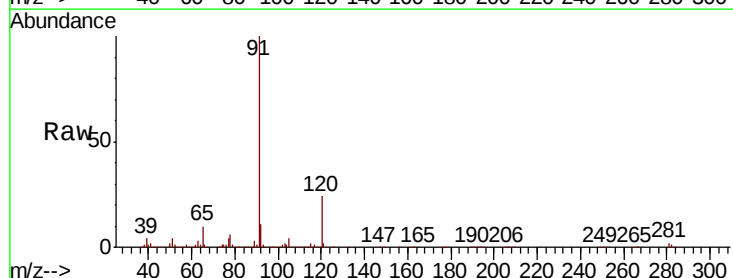
Acq: 04 Mar 2019 11:57

Tgt Ion: 91 Resp: 1021854

Ion Ratio Lower Upper

91 100

120 23.9 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

1000000

800000

600000

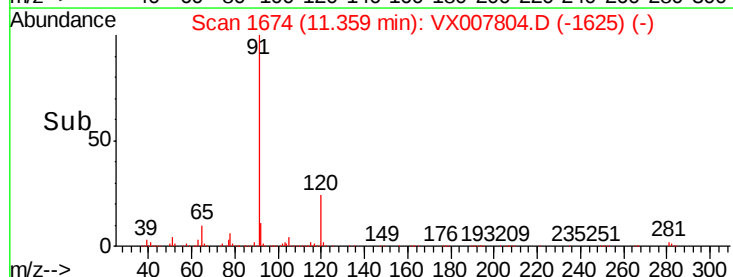
400000

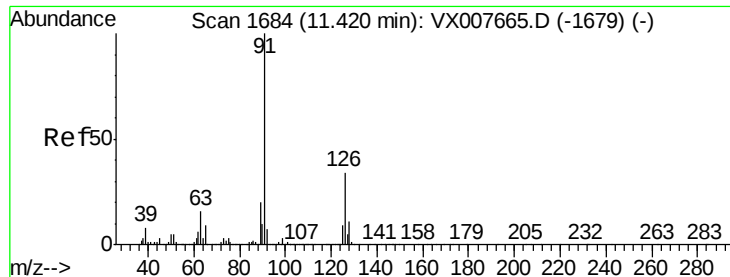
200000

0

11.30 11.35 11.40

Time-->

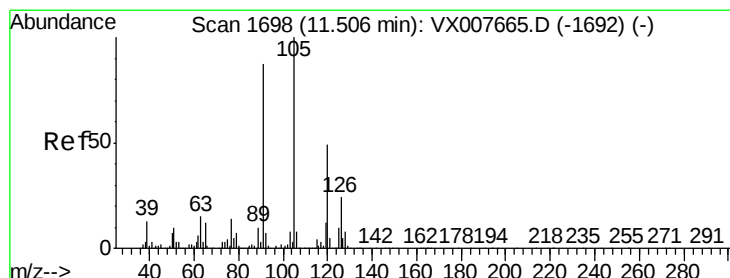
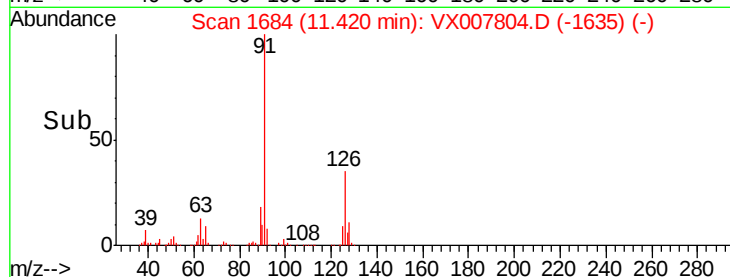
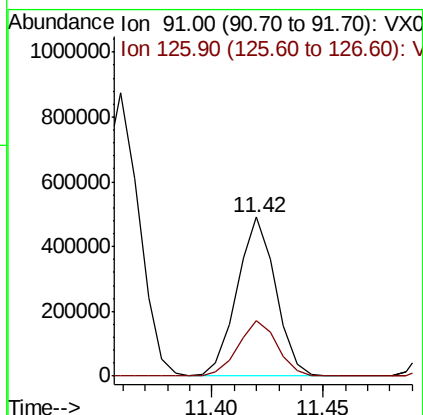
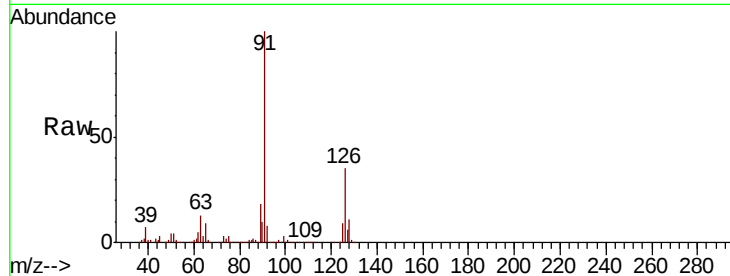




#79
 2-Chlorotoluene
 Concen: 50.696 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

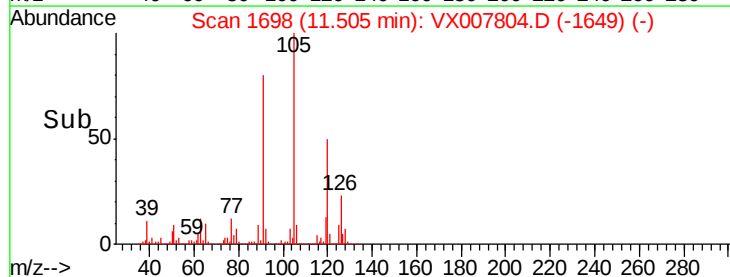
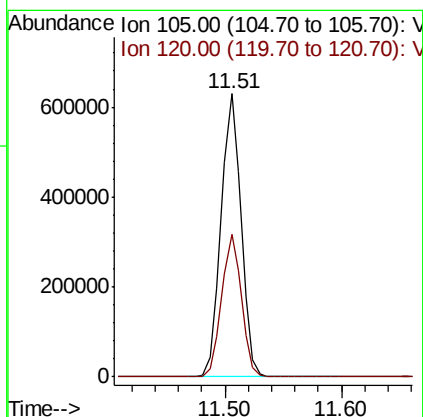
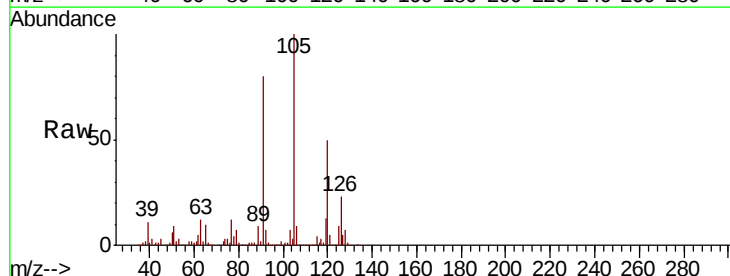
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

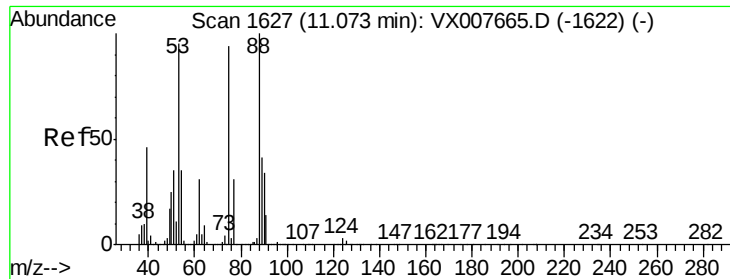
Tgt Ion: 91 Resp: 592686
 Ion Ratio Lower Upper
 91 100
 126 35.3 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 52.495 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Tgt Ion: 105 Resp: 741930
 Ion Ratio Lower Upper
 105 100
 120 49.8 25.3 75.8

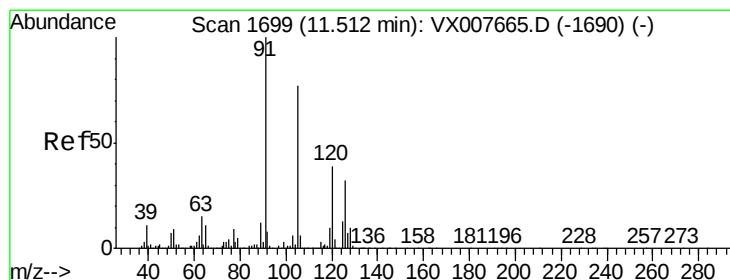
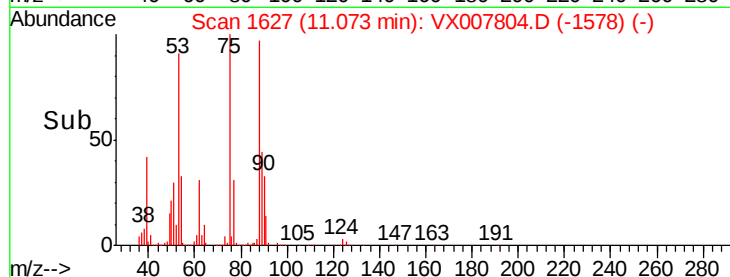
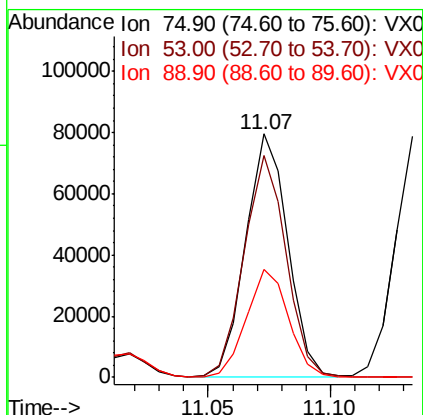
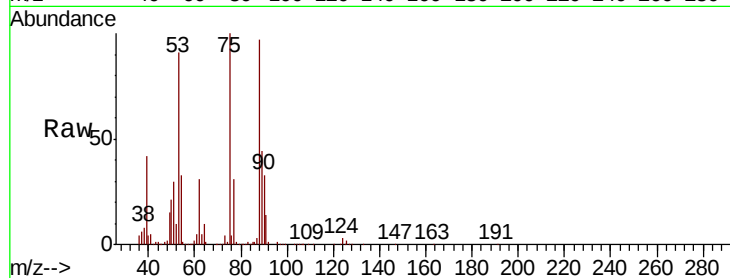




#81
trans-1,4-Dichloro-2-butene
Concen: 49.880 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

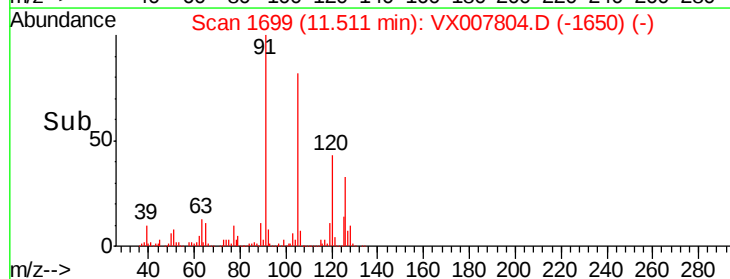
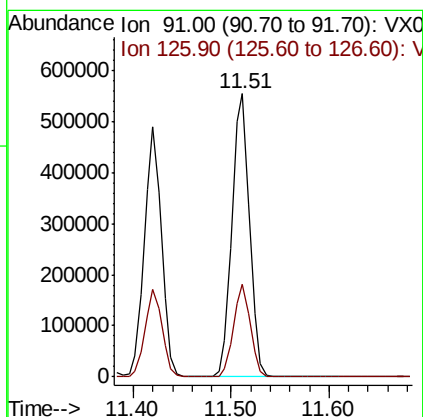
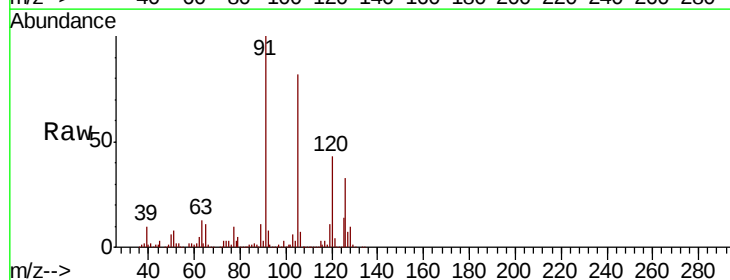
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

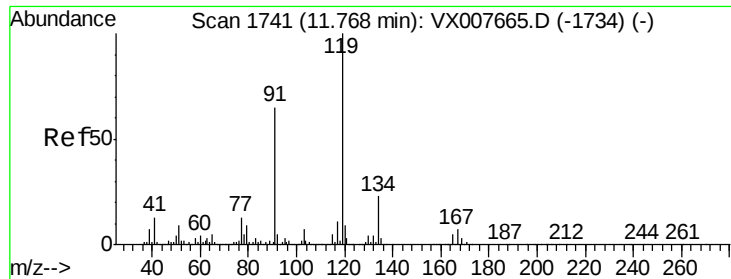
Tgt Ion: 75 Resp: 95371
Ion Ratio Lower Upper
75 100
53 90.8 81.0 121.6
89 44.9 41.4 62.0



#82
4-Chlorotoluene
Concen: 50.585 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Tgt Ion: 91 Resp: 691815
Ion Ratio Lower Upper
91 100
126 31.3 16.2 48.5

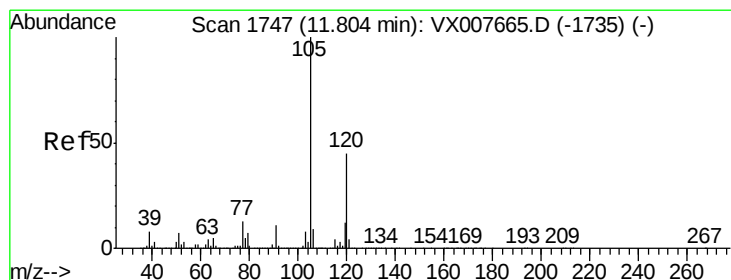
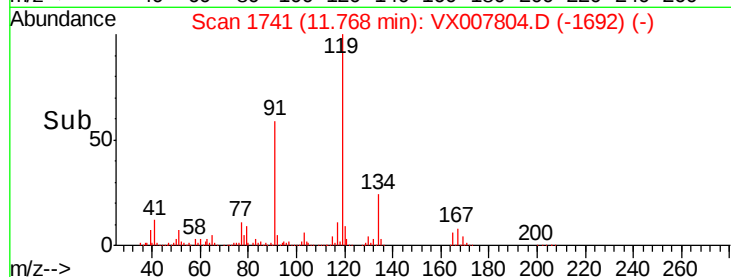
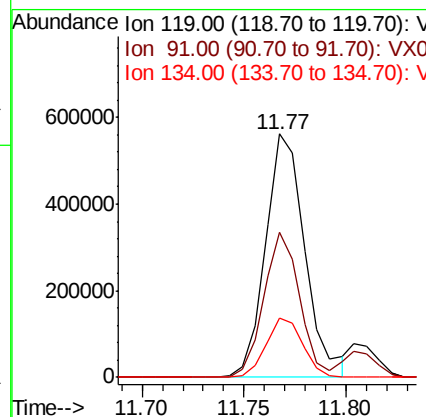
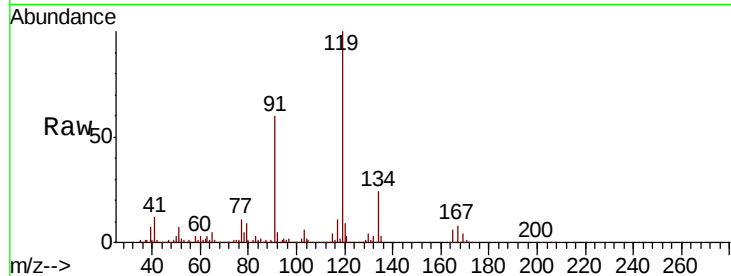




#83
 tert-Butylbenzene
 Concen: 55.824 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

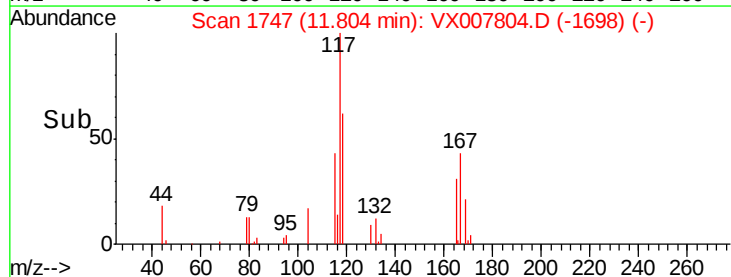
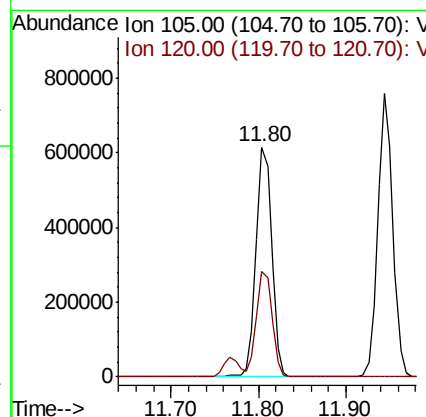
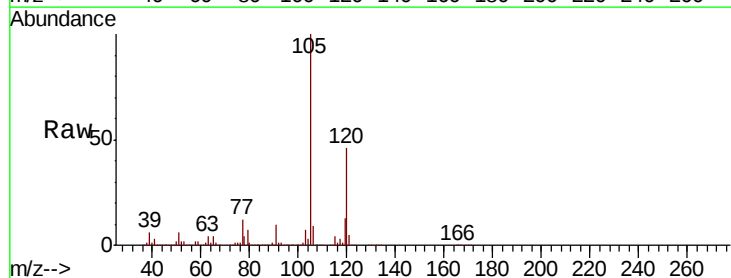
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

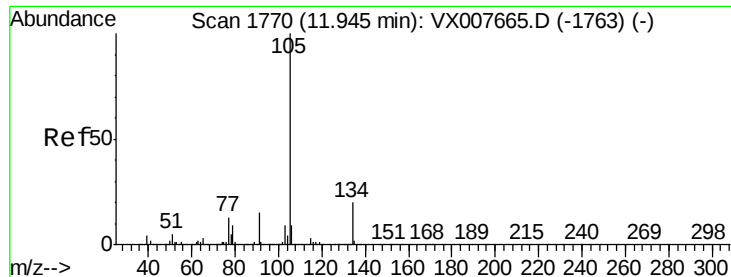
Tgt Ion	Ratio	Lower	Upper
119	100		
91	54.0	28.5	85.6
134	22.9	12.0	36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 52.807 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.1	69.3





#85

sec-Butylbenzene

Concen: 53.594 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

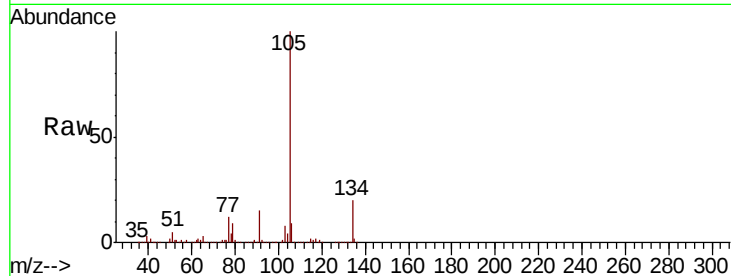
VSTDCCC050

Tgt Ion:105 Resp: 911345

Ion Ratio Lower Upper

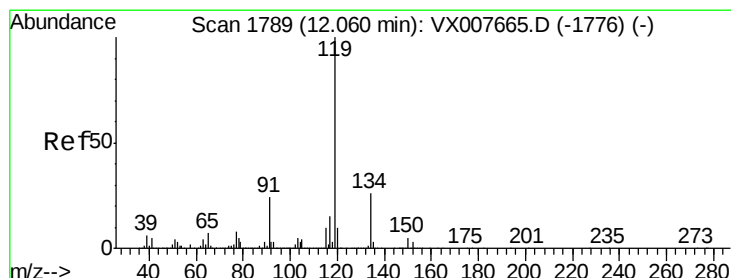
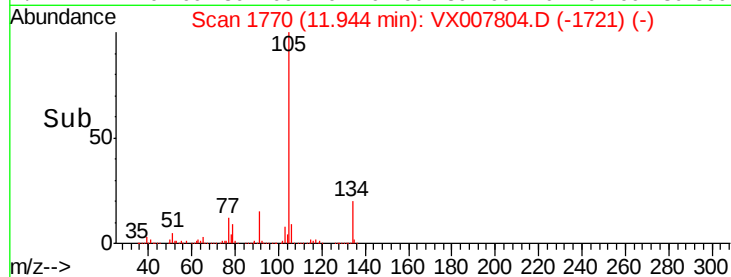
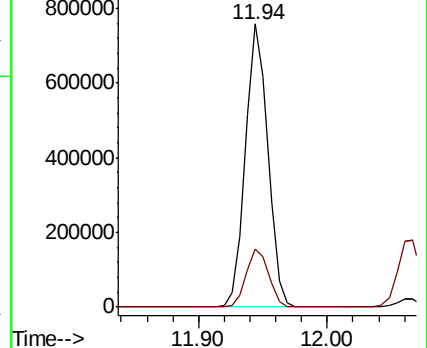
105 100

134 20.7 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: 55.362 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

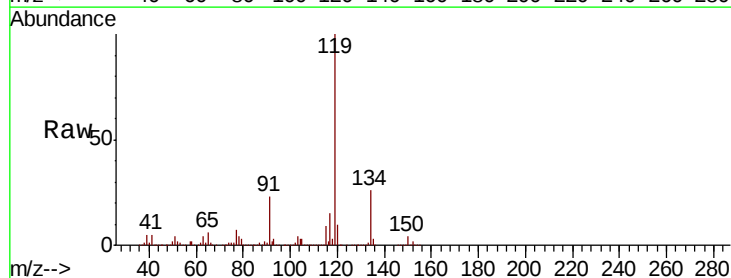
Tgt Ion:119 Resp: 824453

Ion Ratio Lower Upper

119 100

134 26.8 13.7 41.1

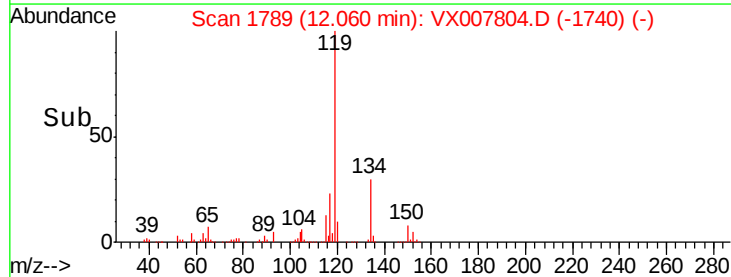
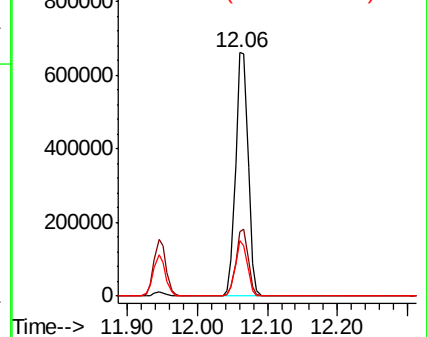
91 21.9 11.2 33.5



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): VX0





#87

1,3-Dichlorobenzene

Concen: 53.773 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

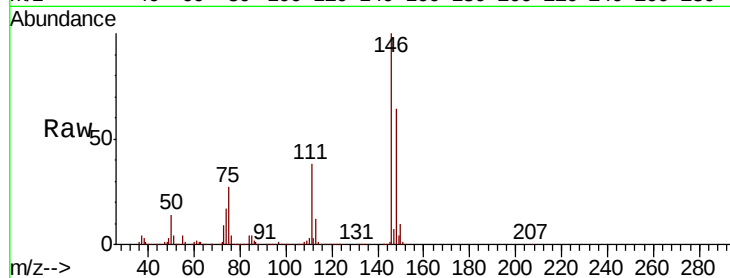
Tgt Ion:146 Resp: 429865

Ion Ratio Lower Upper

146 100

111 37.7 18.1 54.1

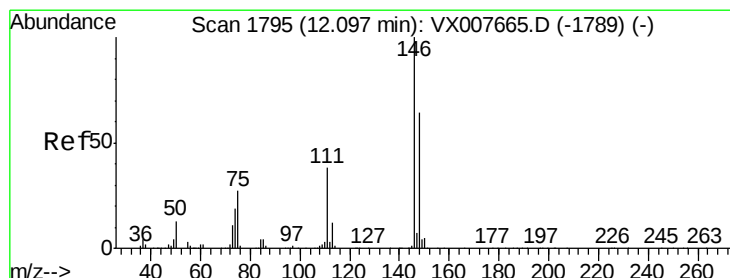
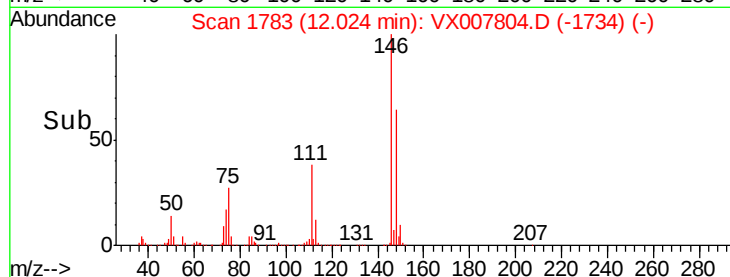
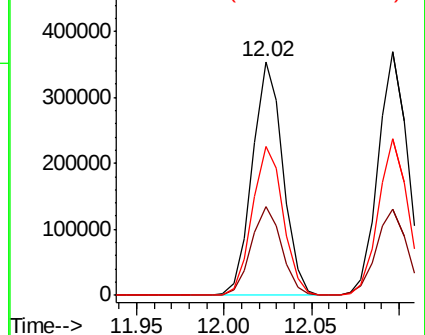
148 64.4 32.0 96.2



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



#88

1,4-Dichlorobenzene

Concen: 52.828 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

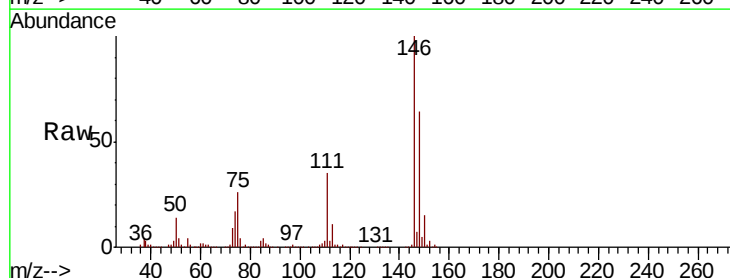
Tgt Ion:146 Resp: 432503

Ion Ratio Lower Upper

146 100

111 36.7 18.1 54.1

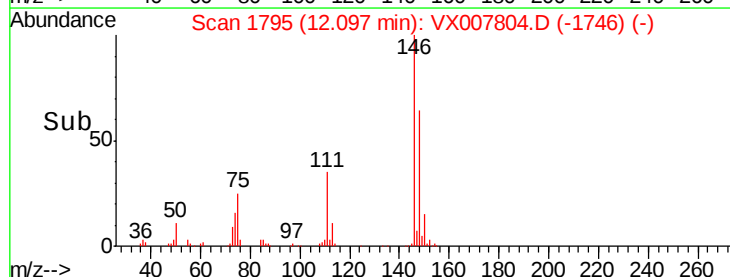
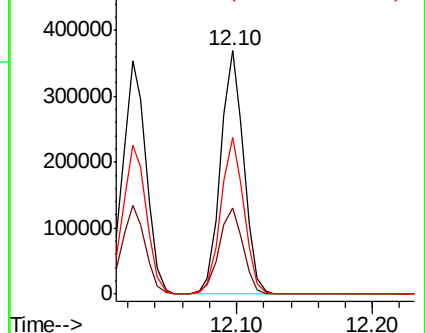
148 64.2 32.3 96.9

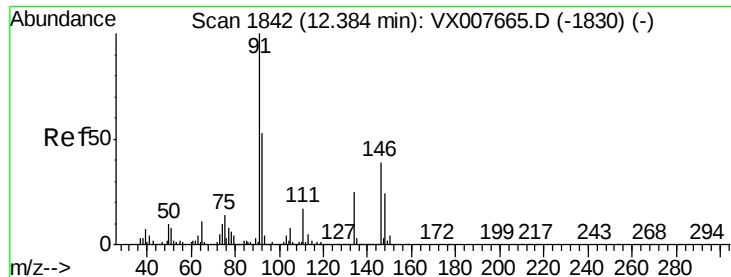


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

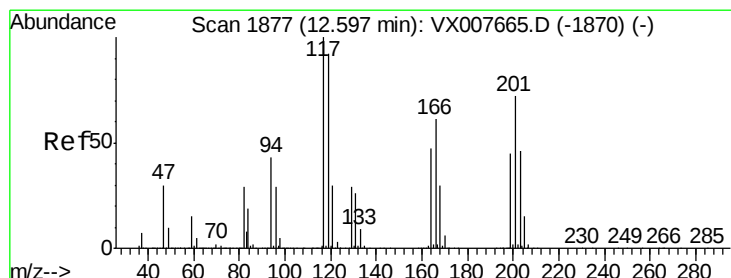
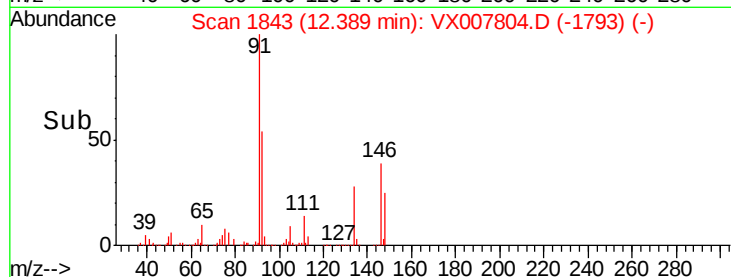
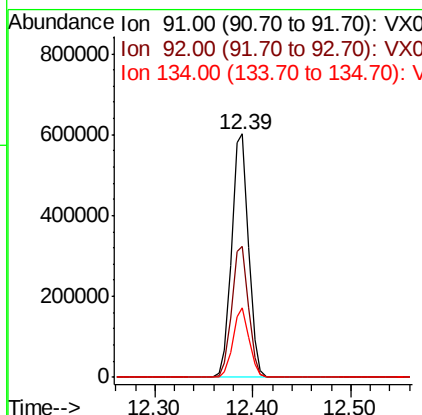
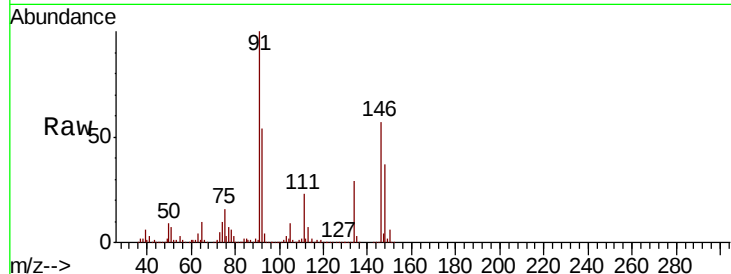




#89
n-Butylbenzene
Concen: 54.292 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

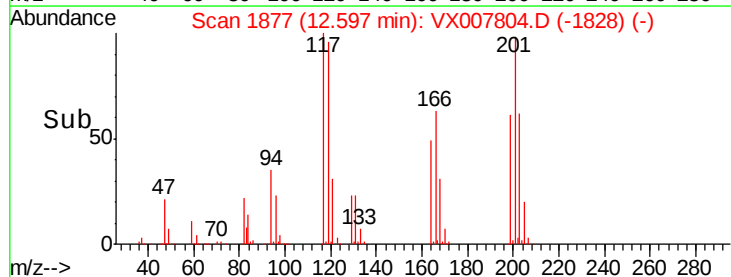
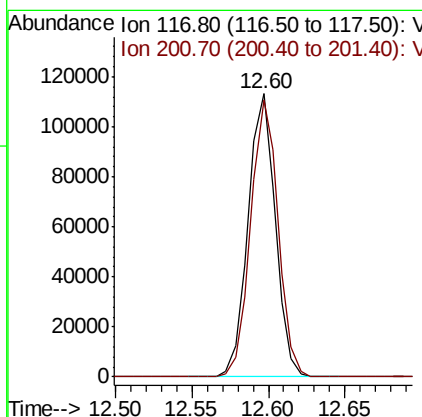
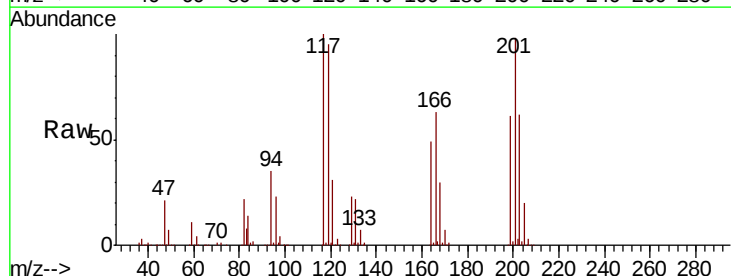
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

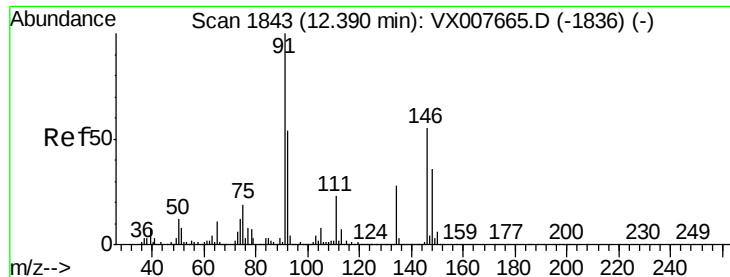
Tgt Ion: 91 Resp: 721056
Ion Ratio Lower Upper
91 100
92 53.6 26.3 78.9
134 27.4 13.9 41.6



#90
Hexachloroethane
Concen: 55.650 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Tgt Ion: 117 Resp: 139637
Ion Ratio Lower Upper
117 100
201 98.6 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 53.185 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

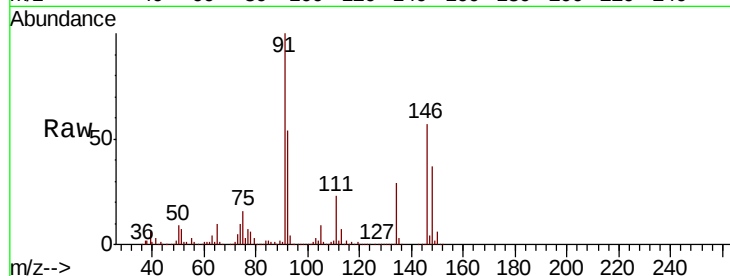
Tgt Ion:146 Resp: 425404

Ion Ratio Lower Upper

146 100

111 38.9 19.1 57.3

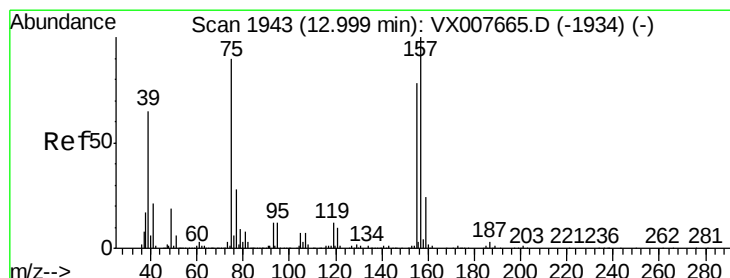
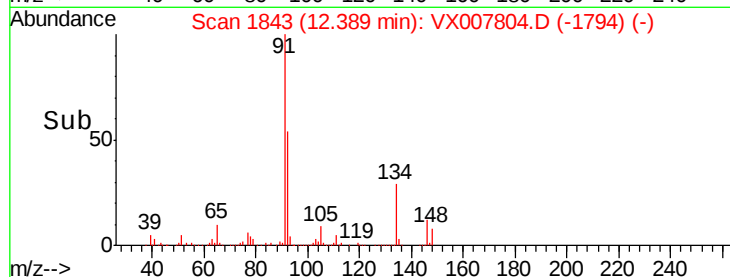
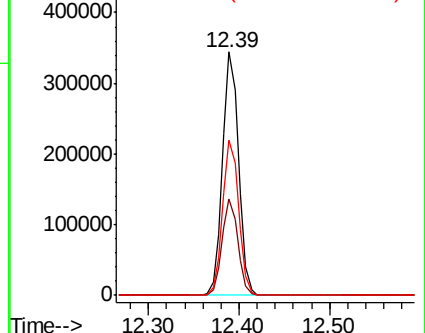
148 64.0 32.1 96.3



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: 49.002 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007804.D

Acq: 04 Mar 2019 11:57

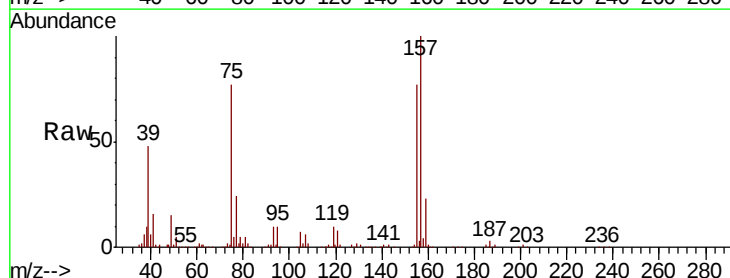
Tgt Ion: 75 Resp: 63451

Ion Ratio Lower Upper

75 100

155 100.8 49.6 149.0

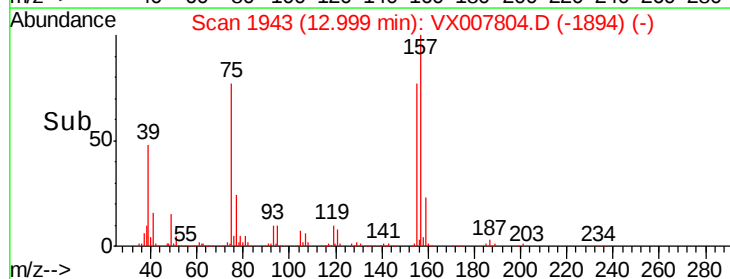
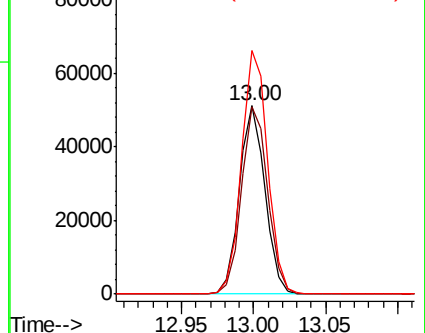
157 130.7 65.1 195.3



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

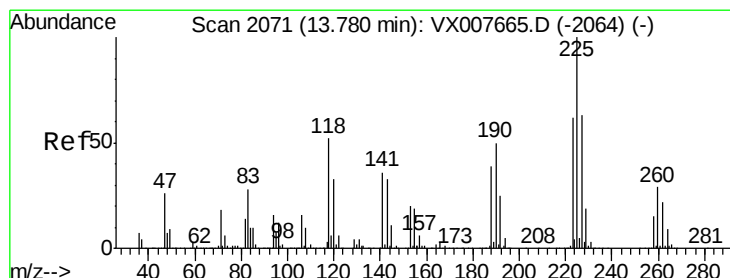
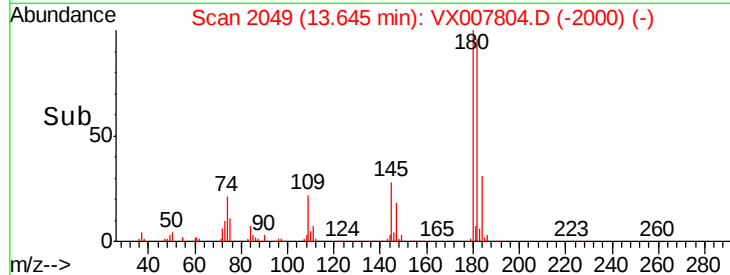
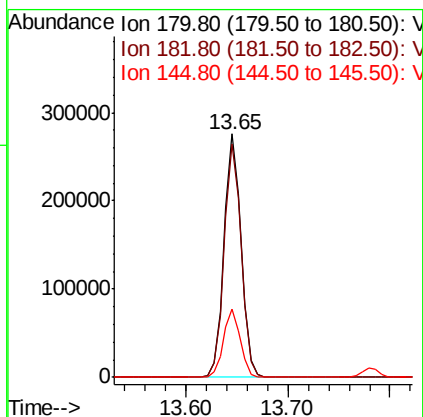
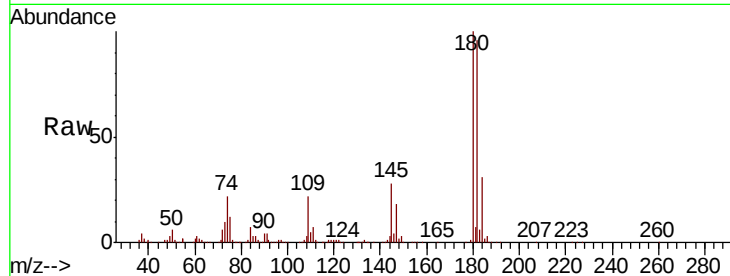




#93
 1,2,4-Trichlorobenzene
 Concen: 65.714 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

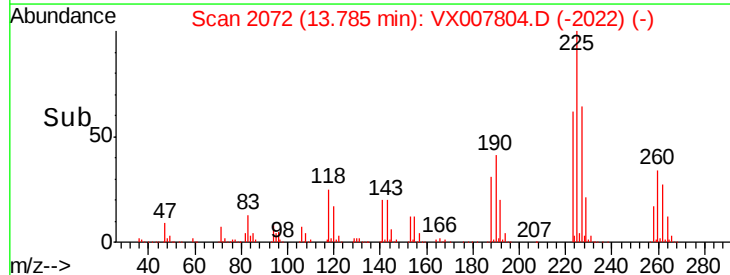
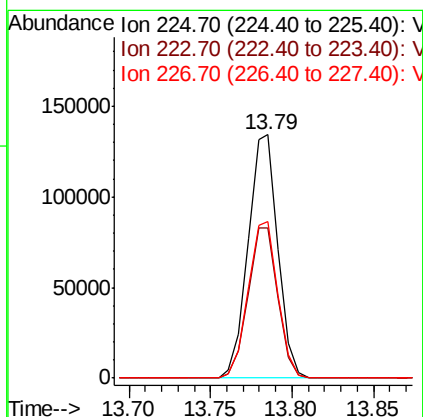
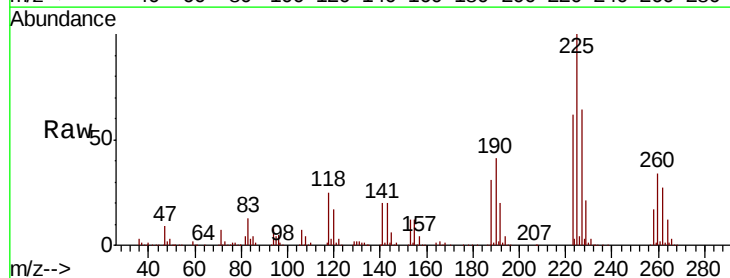
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

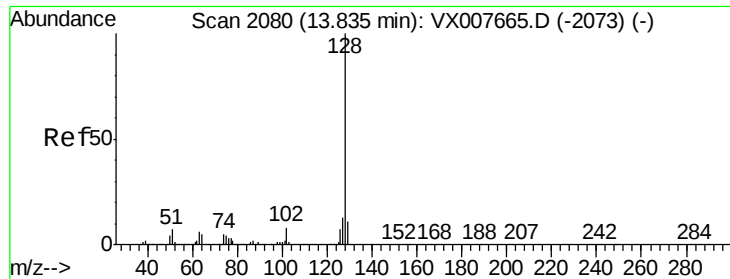
Tgt Ion:180 Resp: 320842
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.8 143.3
 145 27.7 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 76.303 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX007804.D
 Acq: 04 Mar 2019 11:57

Tgt Ion:225 Resp: 170425
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.6 94.8
 227 64.2 32.1 96.3

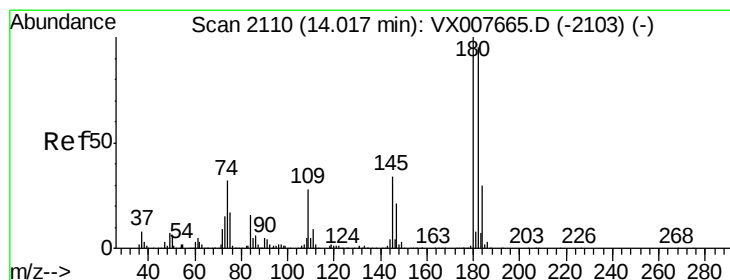
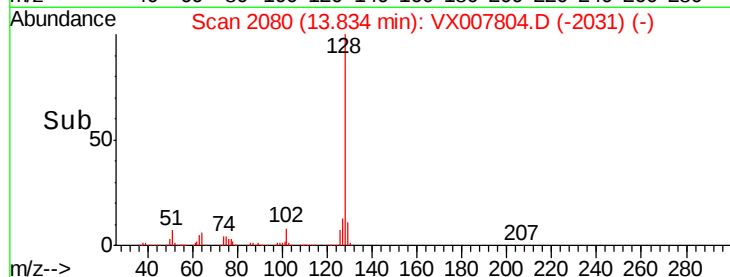
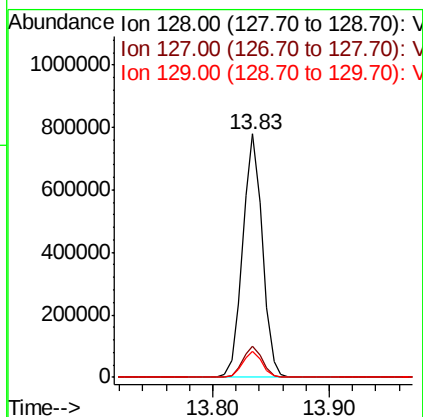
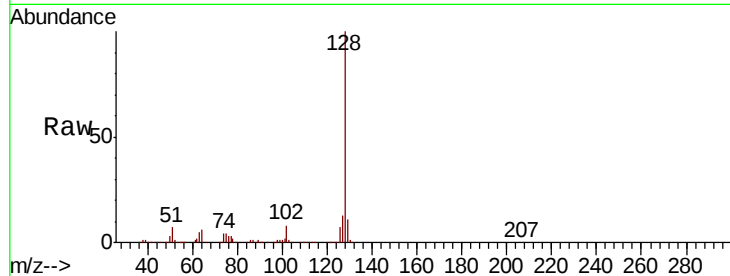




#95
Naphthalene
Concen: 57.956 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 916757
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 64.694 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007804.D
Acq: 04 Mar 2019 11:57

Tgt Ion:180 Resp: 317157
Ion Ratio Lower Upper
180 100
182 95.6 47.5 142.6
145 29.9 14.9 44.5

