

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122618\
 Data File : VX006808.D
 Acq On : 26 Dec 2018 10:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 27 03:00:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	621612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	883594	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	807483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	446994	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	314362	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
35) Dibromofluoromethane	5.50	113	292526	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
50) Toluene-d8	8.71	98	1066480	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
62) 4-Bromofluorobenzene	11.13	95	410634	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	261207	45.933	ug/l	96
3) Chloromethane	1.32	50	278569	45.469	ug/l	99
4) Vinyl Chloride	1.41	62	303335	47.407	ug/l	97
5) Bromomethane	1.64	94	288476	48.244	ug/l	98
6) Chloroethane	1.72	64	192930	43.546	ug/l	99
7) Trichlorofluoromethane	1.93	101	488776	48.996	ug/l	98
8) Diethyl Ether	2.19	74	191576	48.350	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	303135	51.753	ug/l	99
10) Methyl Iodide	2.51	142	450531	53.733	ug/l	100
11) Tert butyl alcohol	3.07	59	364896	244.055	ug/l	99
12) 1,1-Dichloroethene	2.37	96	268998	48.434	ug/l	100
13) Acrolein	2.29	56	240707	238.648	ug/l	97
14) Allyl chloride	2.73	41	477490	51.076	ug/l	99
15) Acrylonitrile	3.15	53	821629	247.503	ug/l	100
16) Acetone	2.45	43	937497	304.585	ug/l	99
17) Carbon Disulfide	2.57	76	648524	44.124	ug/l	99
18) Methyl Acetate	2.78	43	482740	53.338	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	956796	51.905	ug/l	98
20) Methylene Chloride	2.85	84	308931	48.539	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	290815	47.258	ug/l	99
22) Diisopropyl ether	3.87	45	903819	52.847	ug/l	96
23) Vinyl Acetate	3.82	43	3667437	262.158	ug/l	99
24) 1,1-Dichloroethane	3.70	63	499769	48.951	ug/l	99
25) 2-Butanone	4.70	43	1160782	268.109	ug/l	100
26) 2,2-Dichloropropane	4.59	77	421720	53.474	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	335815	49.461	ug/l	97
28) Bromochloromethane	5.02	49	224902	52.344	ug/l	97
29) Tetrahydrofuran	5.15	42	697751	244.691	ug/l	97
30) Chloroform	5.21	83	534851	50.589	ug/l	100
31) Cyclohexane	5.57	56	444641	47.939	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	469250	52.564	ug/l	99
36) 1,1-Dichloropropene	5.80	75	389987	53.290	ug/l	100
37) Ethyl Acetate	4.85	43	403952	53.034	ug/l	99
38) Carbon Tetrachloride	5.78	117	406412	57.143	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	509365	52.868	ug/l	98
40) Benzene	6.14	78	1171183	52.649	ug/l	100
41) Methacrylonitrile	5.06	41	228522	56.509	ug/l	99
42) 1,2-Dichloroethane	6.20	62	396909	52.362	ug/l	99
43) Isopropyl Acetate	6.46	43	669869	57.800	ug/l	99
44) Trichloroethene	7.21	130	349485	51.908	ug/l	96
45) 1,2-Dichloropropane	7.51	63	298405	55.125	ug/l	99
46) Dibromomethane	7.66	93	209383	52.586	ug/l	96
47) Bromodichloromethane	7.90	83	384674	58.190	ug/l	96
48) Methyl methacrylate	7.77	41	341298	57.910	ug/l	98
49) 1,4-Dioxane	7.75	88	157528	1022.003	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	2134757	289.497	ug/l	98
52) Toluene	8.78	92	769412	53.539	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	438549	61.856	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	477111	61.331	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	319125	54.251	ug/l	99
56) Ethyl methacrylate	9.18	69	479128	57.629	ug/l	95
57) 1,3-Dichloropropane	9.37	76	510276	53.917	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1158576	262.155	ug/l	99
59) 2-Hexanone	9.49	43	1711773	303.398	ug/l	99
60) Dibromochloromethane	9.59	129	341807	55.299	ug/l	98
61) 1,2-Dibromoethane	9.67	107	343179	54.881	ug/l	99
64) Tetrachloroethene	9.34	164	342479	53.562	ug/l	95
65) Chlorobenzene	10.14	112	908594	53.187	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	326680	61.293	ug/l	99
67) Ethyl Benzene	10.25	91	1523903	54.591	ug/l	99
68) m/p-Xylenes	10.36	106	1212197	110.049	ug/l	99
69) o-Xylene	10.69	106	596528	54.842	ug/l	98
70) Styrene	10.71	104	980127	56.956	ug/l	99
71) Bromoform	10.85	173	261888	54.075	ug/l #	100
73) Isopropylbenzene	11.02	105	1595170	52.164	ug/l	99
74) N-amyl acetate	10.90	43	633727	57.897	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	484874	53.315	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	557383	67.098	ug/l	92
77) Bromobenzene	11.26	156	434388	52.543	ug/l	98
78) n-propylbenzene	11.36	91	1831140	54.378	ug/l	99
79) 2-Chlorotoluene	11.42	91	1055025	51.699	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1345996	53.439	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	141418	51.655	ug/l	99
82) 4-Chlorotoluene	11.51	91	1252402	53.502	ug/l	100
83) tert-Butylbenzene	11.77	119	1362245	54.039	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1368612	51.659	ug/l	100
85) sec-Butylbenzene	11.94	105	1675912	54.224	ug/l	100
86) p-Isopropyltoluene	12.06	119	1519502	55.928	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	805341	54.050	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	805372	52.727	ug/l	100
89) n-Butylbenzene	12.38	91	1332023	57.609	ug/l	99
90) Hexachloroethane	12.60	117	235502	55.031	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	783163	52.544	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	100409	53.359	ug/l	96

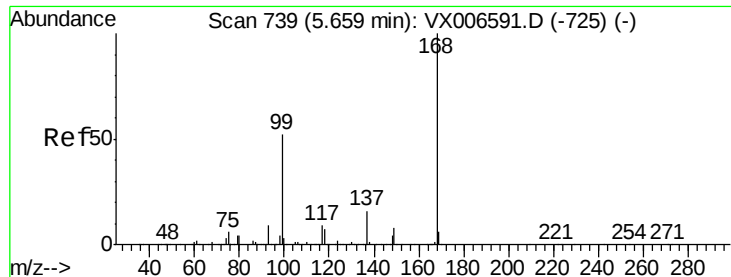
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX122618\
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QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	579149	56.330	ug/l	99
94) Hexachlorobutadiene	13.78	225	290776	60.002	ug/l	98
95) Naphthalene	13.83	128	1683845	51.314	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	574575	54.126	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

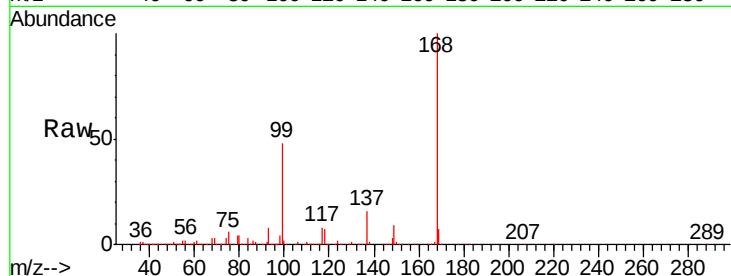
VSTDCCC050

Tgt Ion:168 Resp: 621612

Ion Ratio Lower Upper

168 100

99 47.9 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

250000

200000

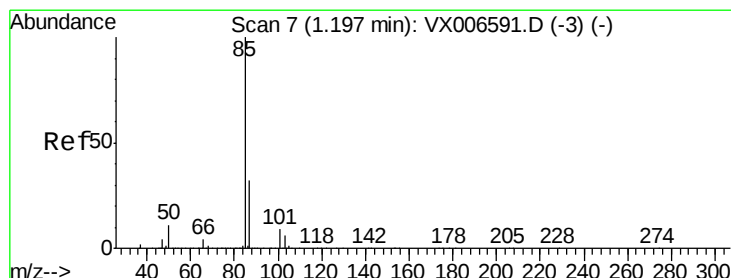
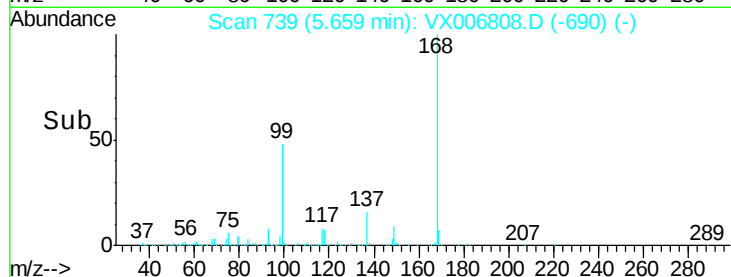
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 45.933 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006808.D

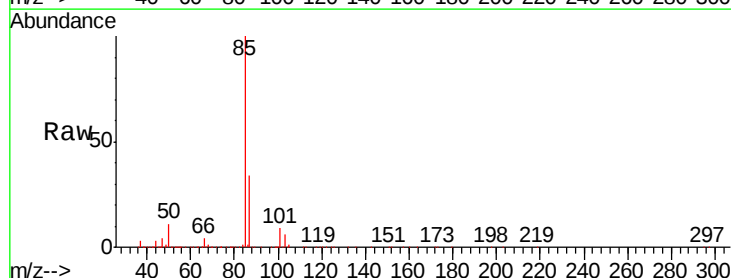
Acq: 26 Dec 2018 10:24

Tgt Ion: 85 Resp: 261207

Ion Ratio Lower Upper

85 100

87 33.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250000

200000

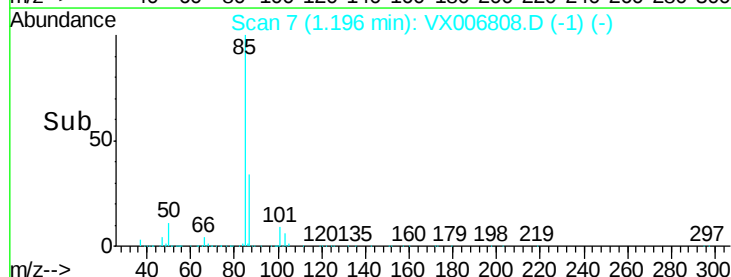
150000

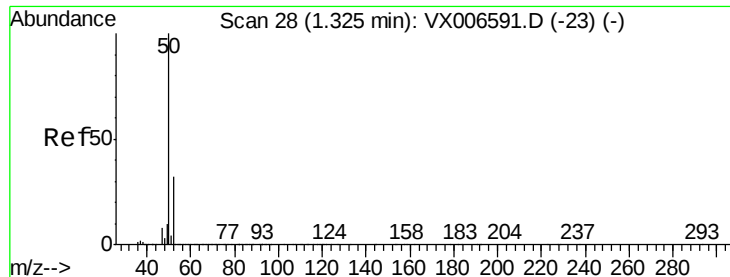
100000

50000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 45.469 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

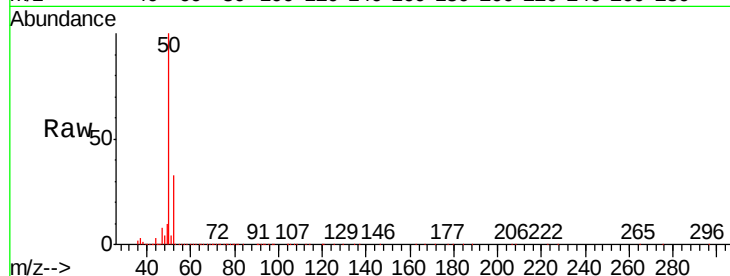
VSTDCCC050

Tgt Ion: 50 Resp: 278569

Ion Ratio Lower Upper

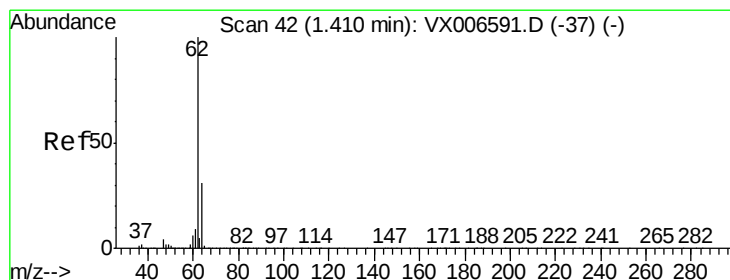
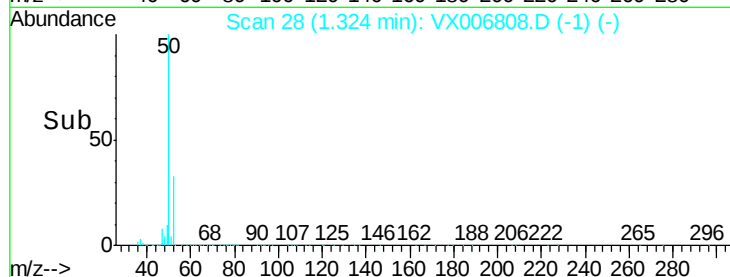
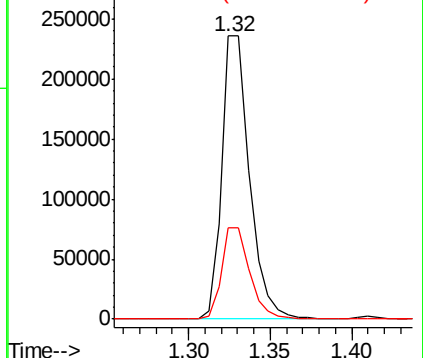
50 100

52 32.4 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.407 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006808.D

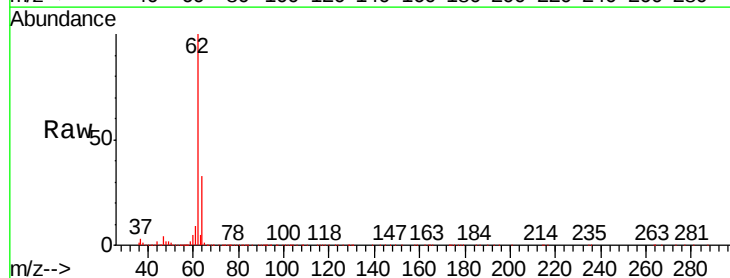
Acq: 26 Dec 2018 10:24

Tgt Ion: 62 Resp: 303335

Ion Ratio Lower Upper

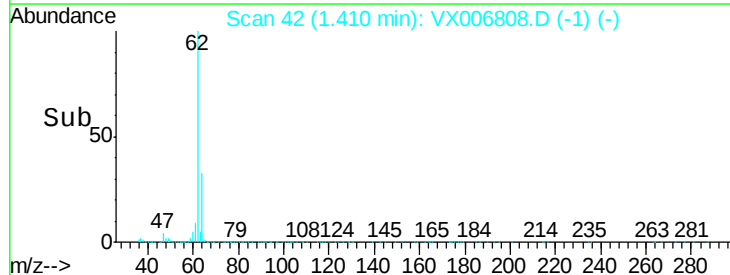
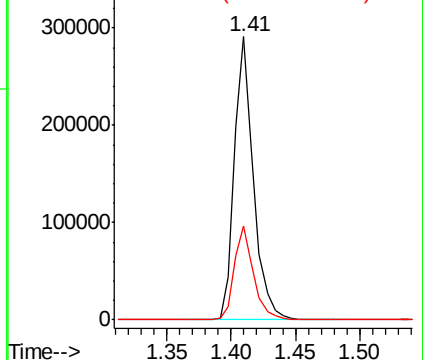
62 100

64 33.1 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 48.244 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

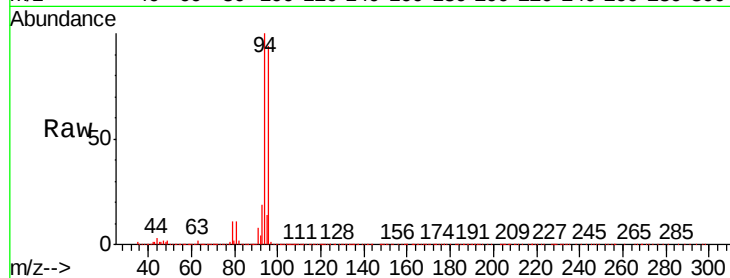
VSTDCCC050

Tgt Ion: 94 Resp: 288476

Ion Ratio Lower Upper

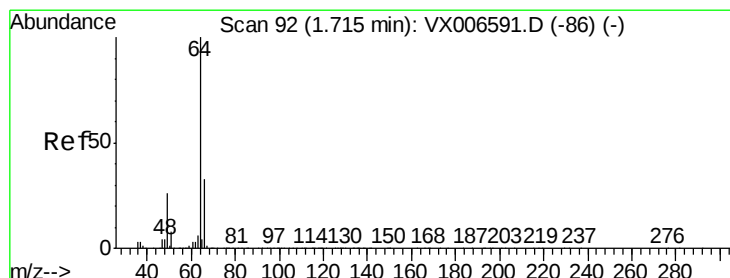
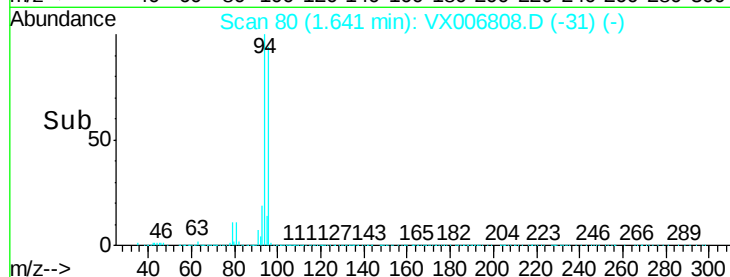
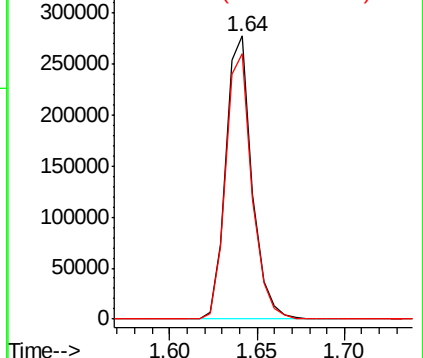
94 100

96 93.9 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 43.546 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006808.D

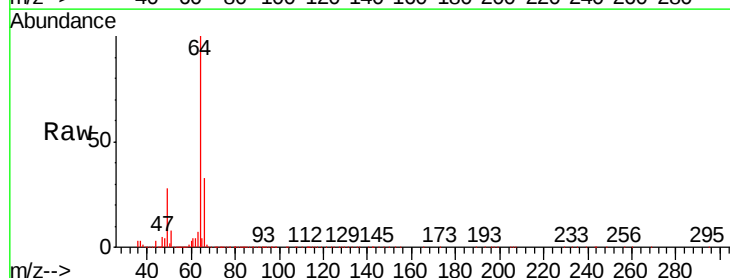
Acq: 26 Dec 2018 10:24

Tgt Ion: 64 Resp: 192930

Ion Ratio Lower Upper

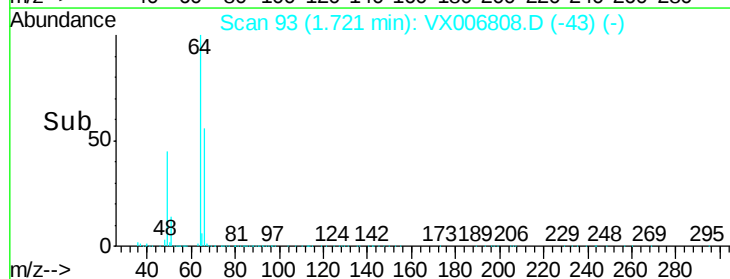
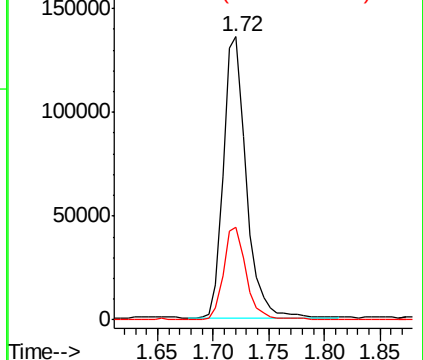
64 100

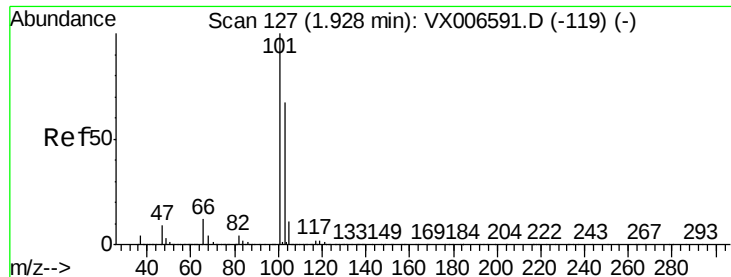
66 32.6 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



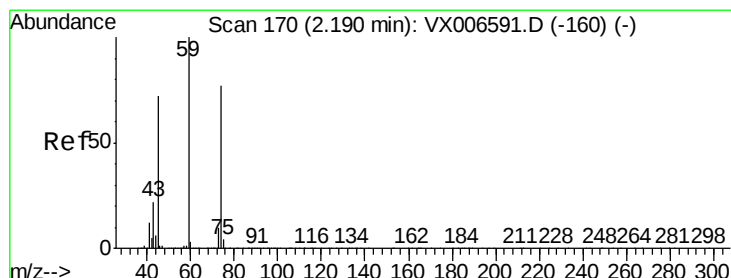
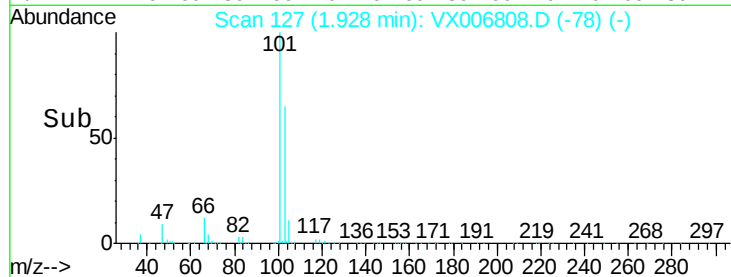
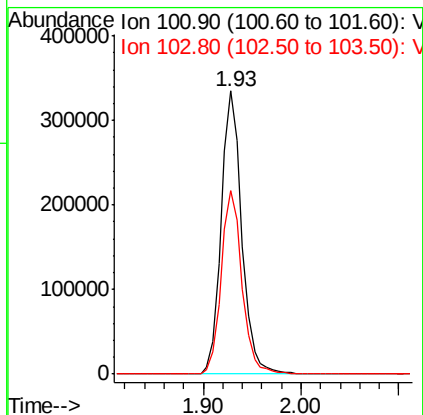
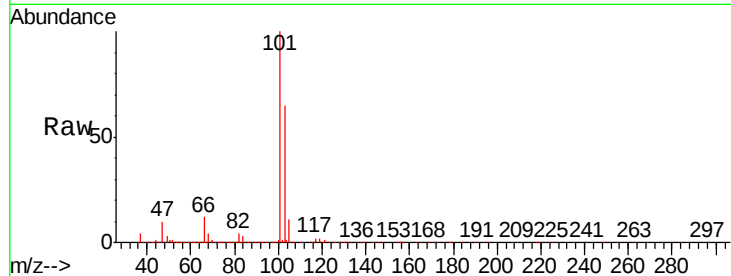


#7

Trichlorofluoromethane
Concen: 48.996 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006808.D
Acq: 26 Dec 2018 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

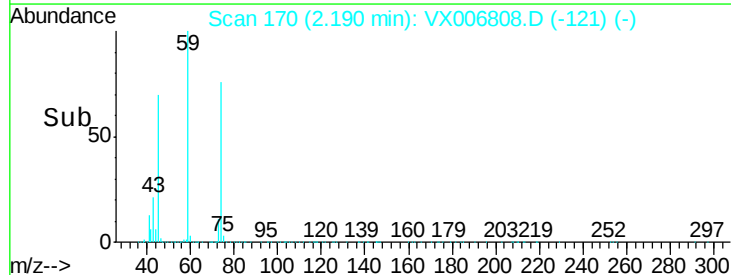
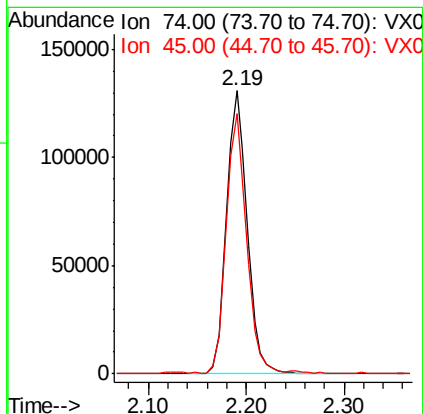
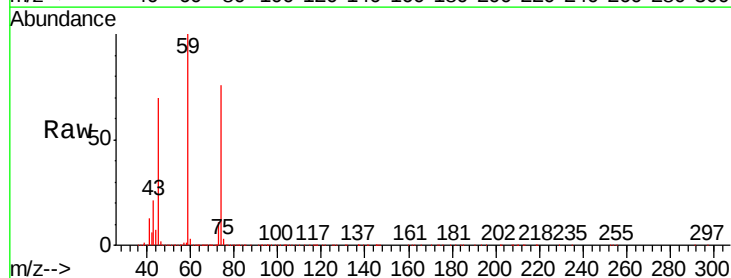
Tgt Ion:101 Resp: 488776
Ion Ratio Lower Upper
101 100
103 64.7 53.2 79.8



#8

Diethyl Ether
Concen: 48.350 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006808.D
Acq: 26 Dec 2018 10:24

Tgt Ion: 74 Resp: 191576
Ion Ratio Lower Upper
74 100
45 91.0 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.753 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

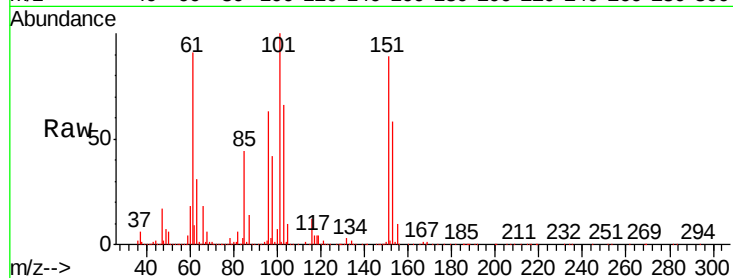
Tgt Ion:101 Resp: 303135

Ion Ratio Lower Upper

101 100

85 43.0 35.1 52.7

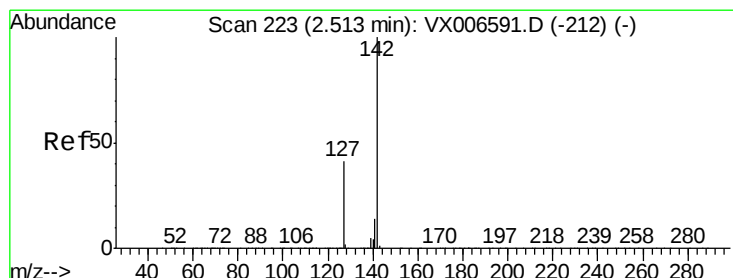
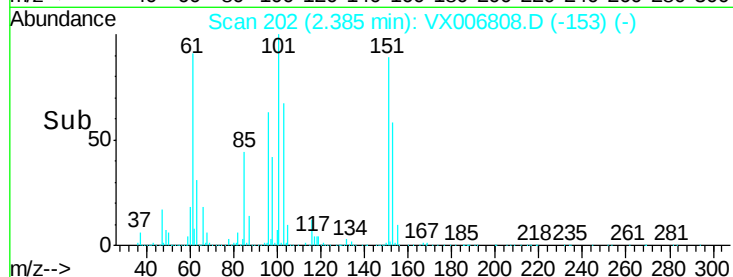
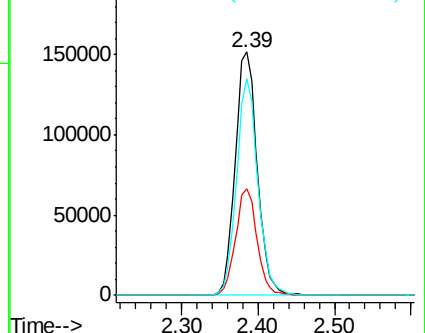
151 86.1 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.733 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

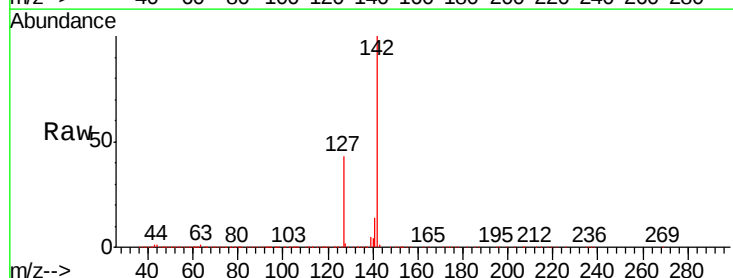
Tgt Ion:142 Resp: 450531

Ion Ratio Lower Upper

142 100

127 42.2 33.9 50.9

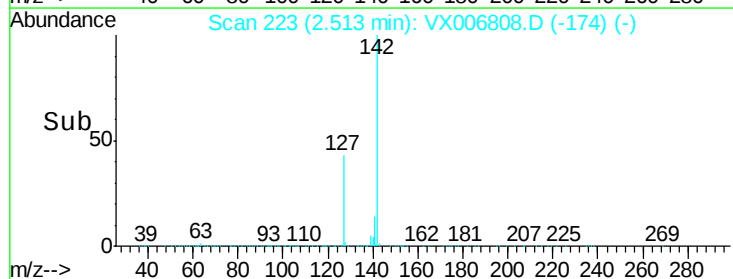
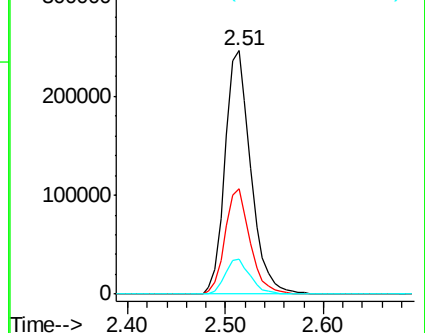
141 14.2 11.4 17.0

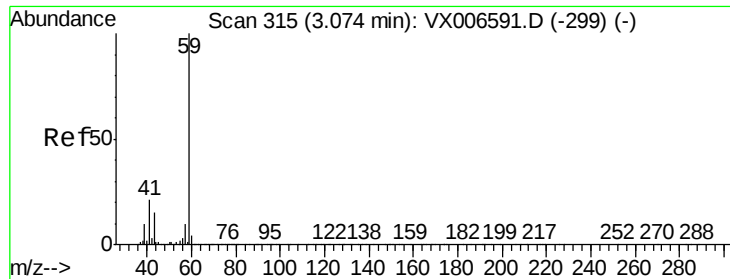


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

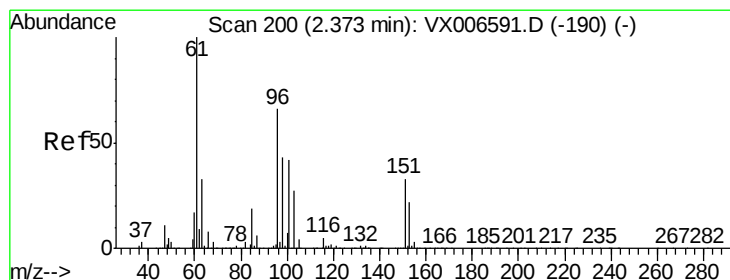
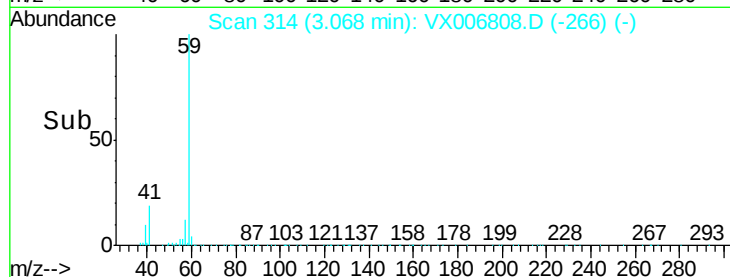
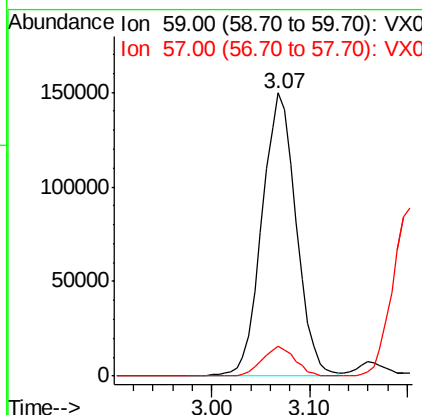
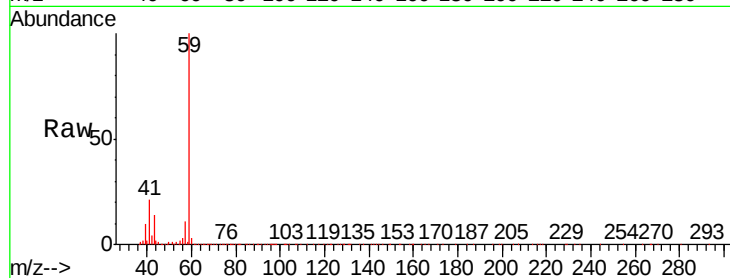




#11
Tert butyl alcohol
Concen: 244.055 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006808.D
Acq: 26 Dec 2018 10:24

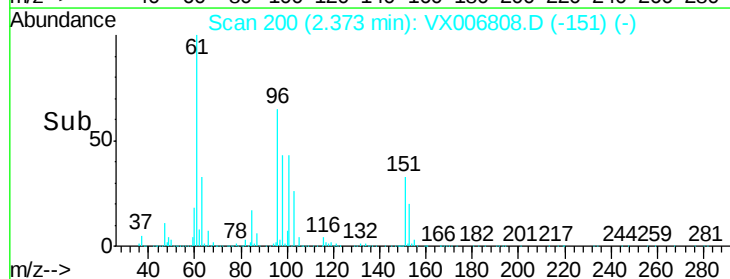
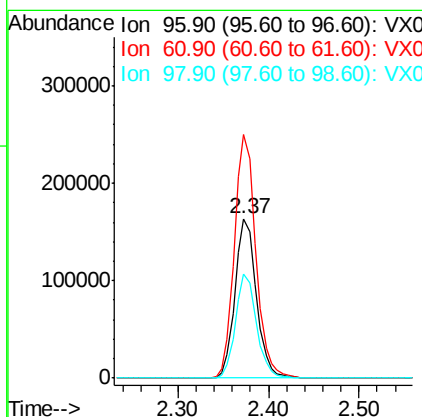
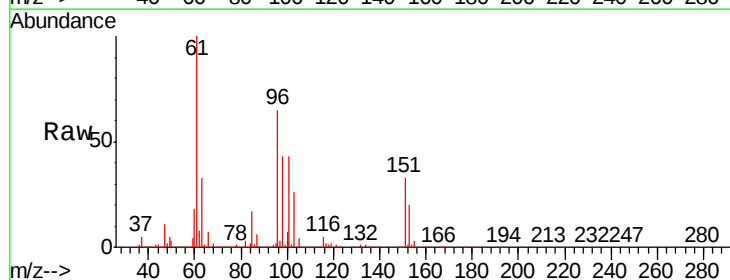
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

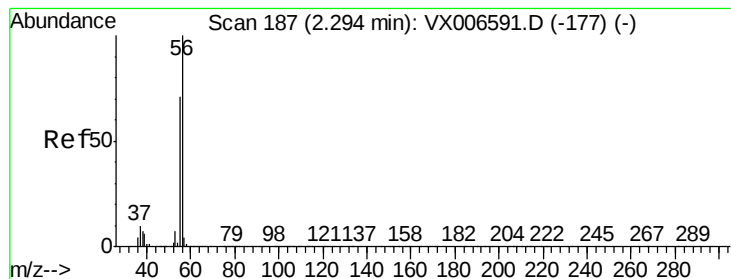
Tgt Ion: 59 Resp: 364896
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7



#12
1,1-Dichloroethene
Concen: 48.434 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006808.D
Acq: 26 Dec 2018 10:24

Tgt Ion: 96 Resp: 268998
Ion Ratio Lower Upper
96 100
61 152.6 121.4 182.2
98 65.0 51.9 77.9





#13

Acrolein

Concen: 238.648 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

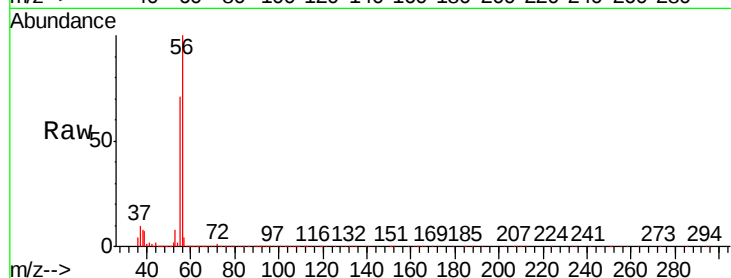
VSTDCCC050

Tgt Ion: 56 Resp: 240707

Ion Ratio Lower Upper

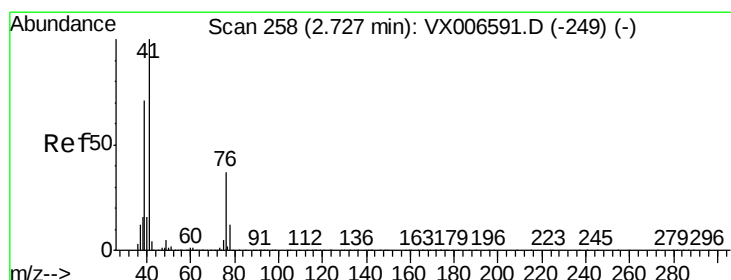
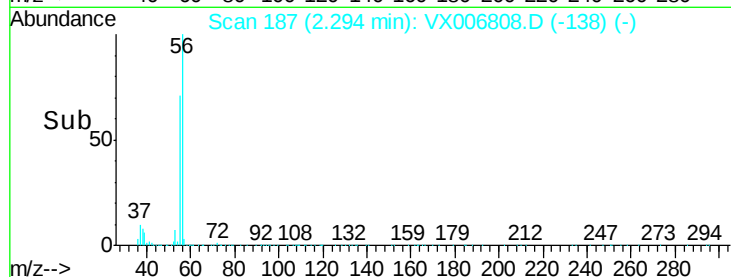
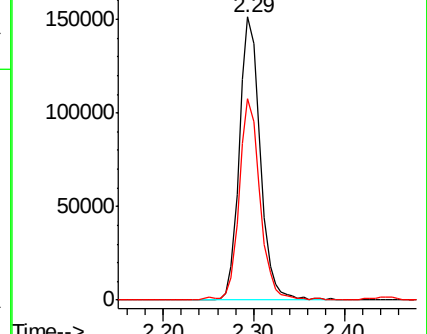
56 100

55 70.4 58.2 87.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 51.076 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

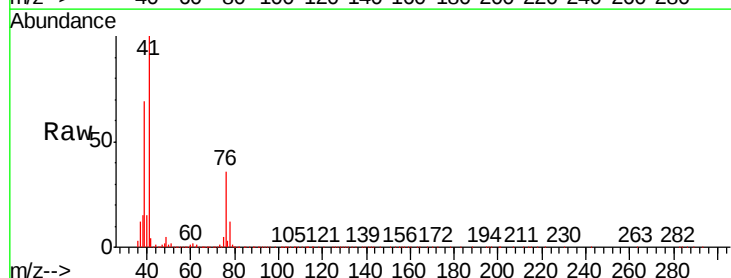
Tgt Ion: 41 Resp: 477490

Ion Ratio Lower Upper

41 100

39 66.3 53.6 80.4

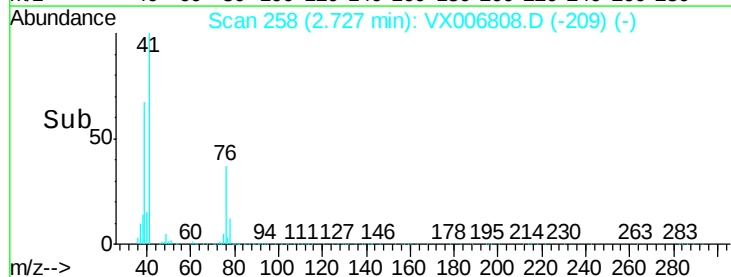
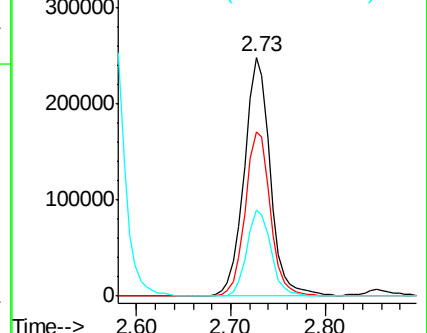
76 33.5 27.4 41.2

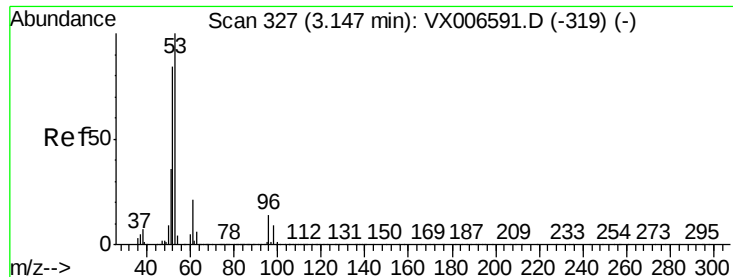


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 247.503 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

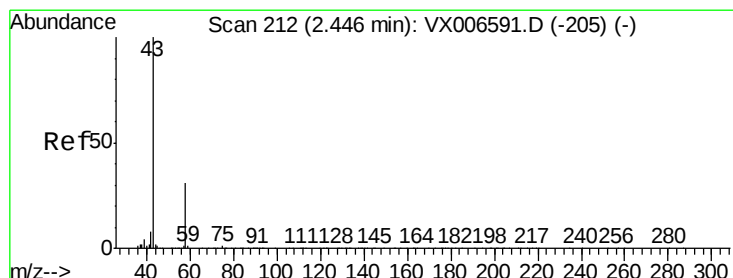
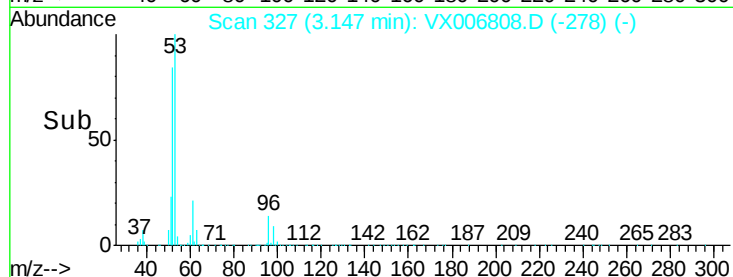
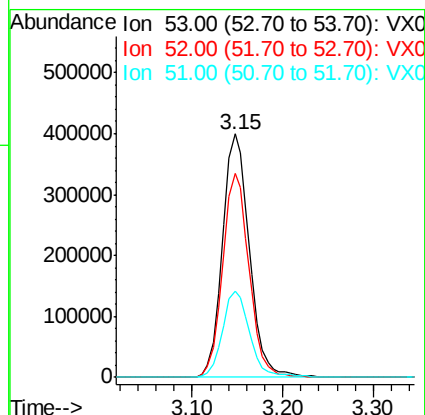
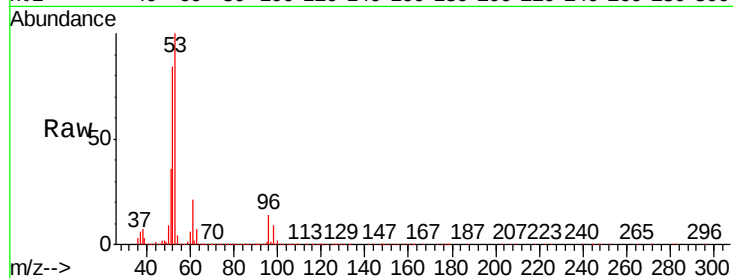
Tgt Ion: 53 Resp: 821629

Ion Ratio Lower Upper

53 100

52 82.4 66.0 99.0

51 36.1 28.6 42.8



#16

Acetone

Concen: 304.585 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006808.D

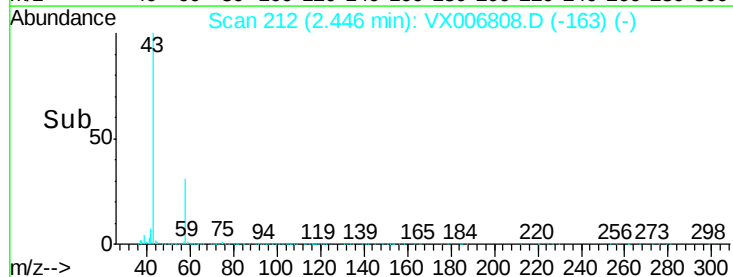
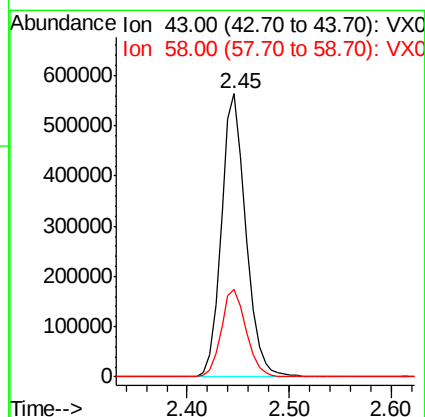
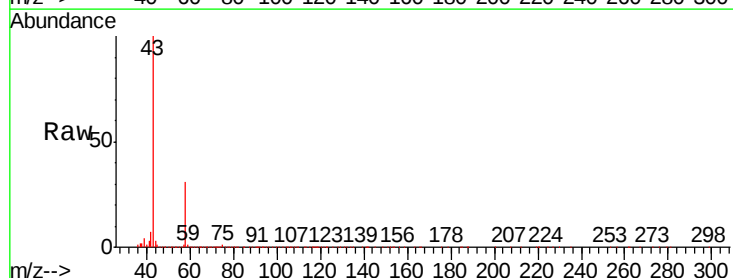
Acq: 26 Dec 2018 10:24

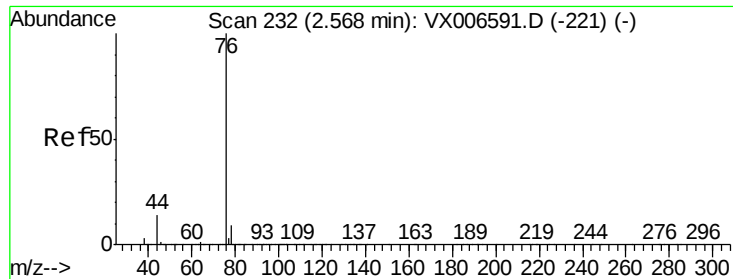
Tgt Ion: 43 Resp: 937497

Ion Ratio Lower Upper

43 100

58 30.8 25.0 37.6

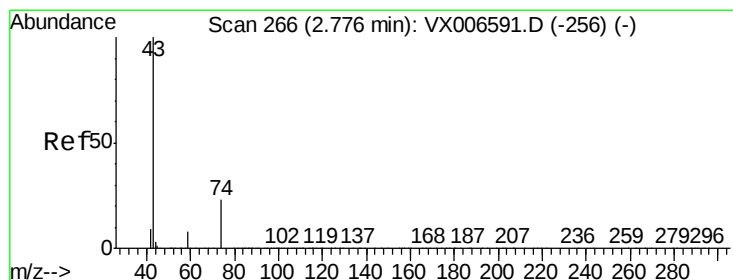
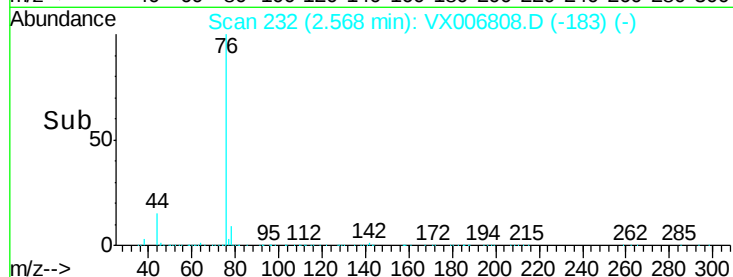
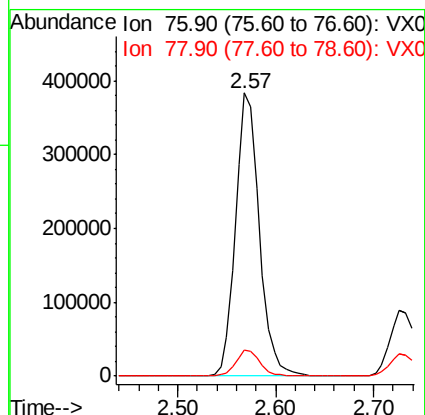
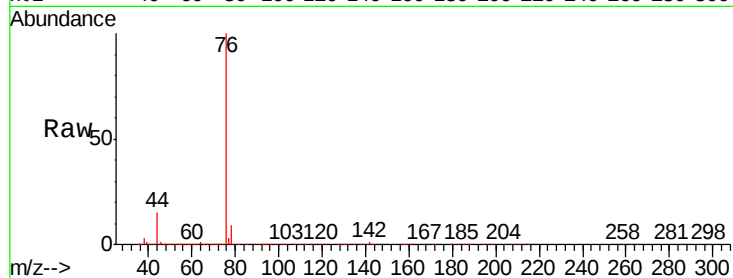




#17
Carbon Disulfide
Concen: 44.124 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX006808.D
Acq: 26 Dec 2018 10:24

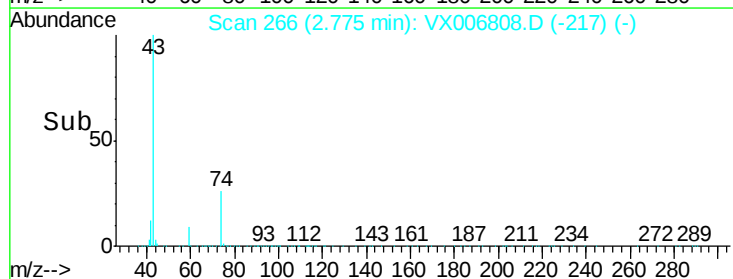
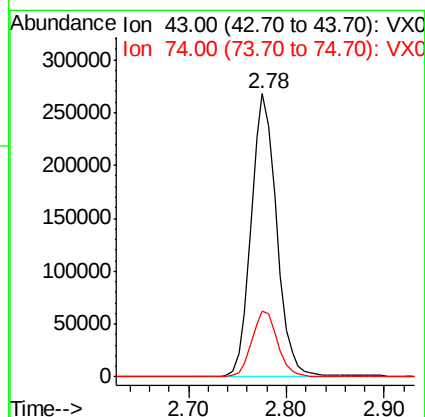
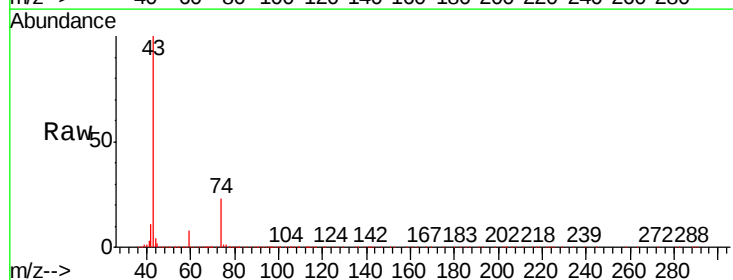
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

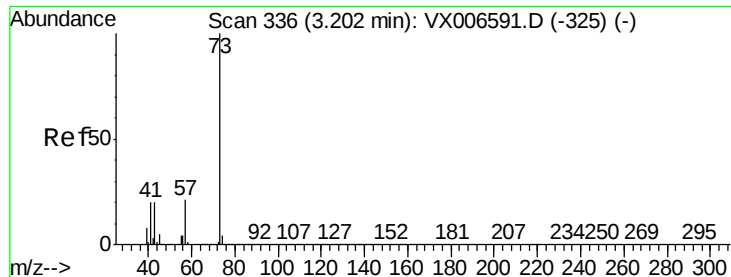
Tgt Ion: 76 Resp: 648524
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 53.338 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX006808.D
Acq: 26 Dec 2018 10:24

Tgt Ion: 43 Resp: 482740
Ion Ratio Lower Upper
43 100
74 24.0 18.6 28.0



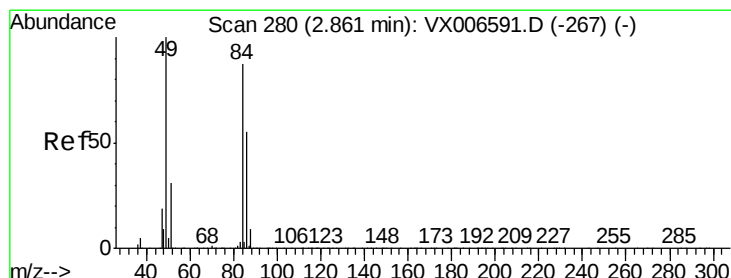
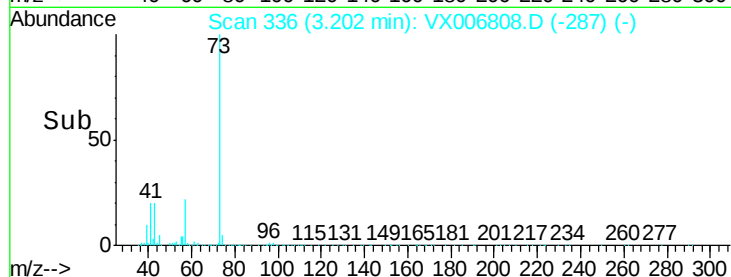
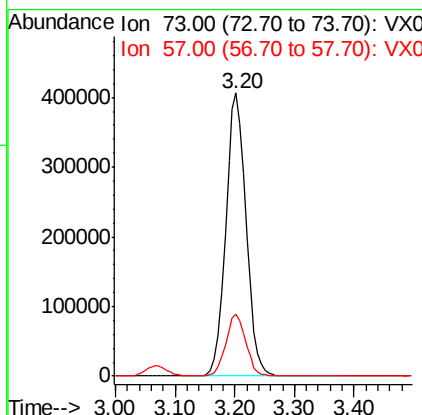
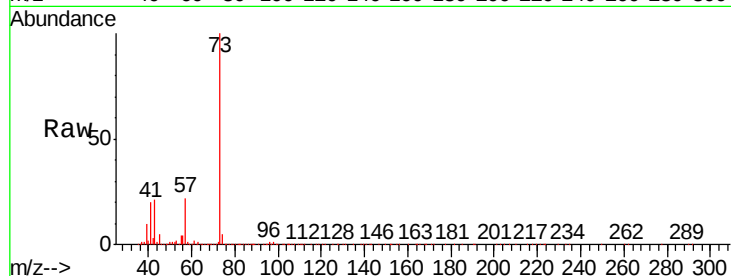


#19

Methyl tert-butyl Ether
 Concen: 51.905 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX006808.D
 Acq: 26 Dec 2018 10:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

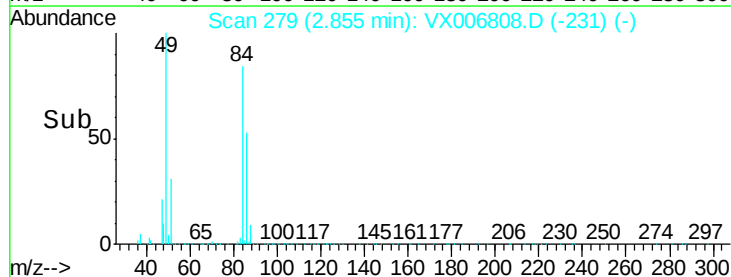
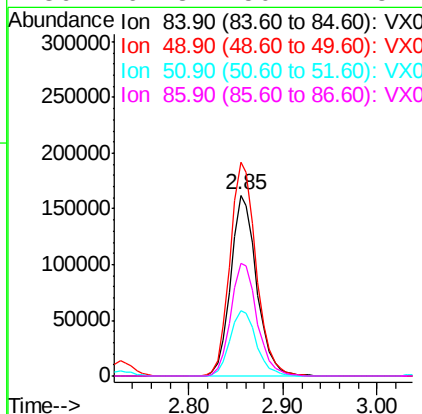
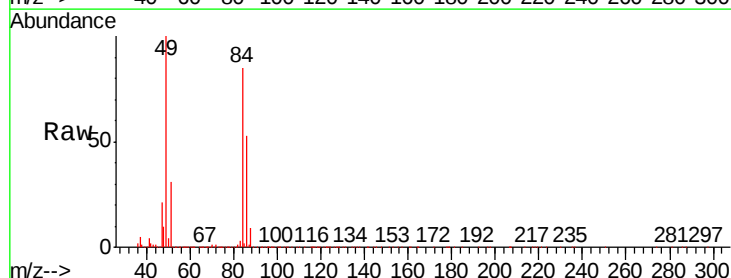
Tgt Ion: 73 Resp: 956796
 Ion Ratio Lower Upper
 73 100
 57 21.8 16.8 25.2

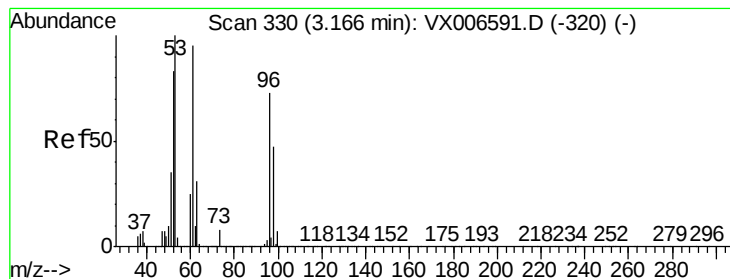


#20

Methylene Chloride
 Concen: 48.539 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX006808.D
 Acq: 26 Dec 2018 10:24

Tgt Ion: 84 Resp: 308931
 Ion Ratio Lower Upper
 84 100
 49 118.2 91.8 137.6
 51 36.4 28.5 42.7
 86 62.3 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 47.258 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

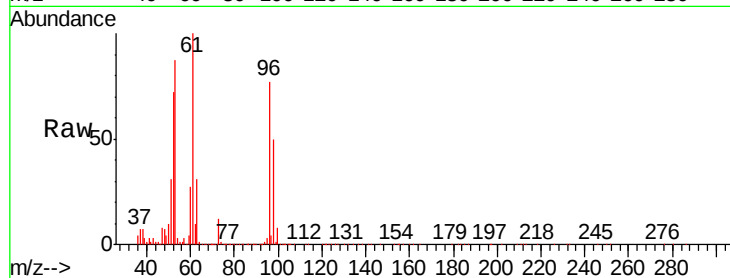
Tgt Ion: 96 Resp: 290815

Ion Ratio Lower Upper

96 100

61 129.9 103.7 155.5

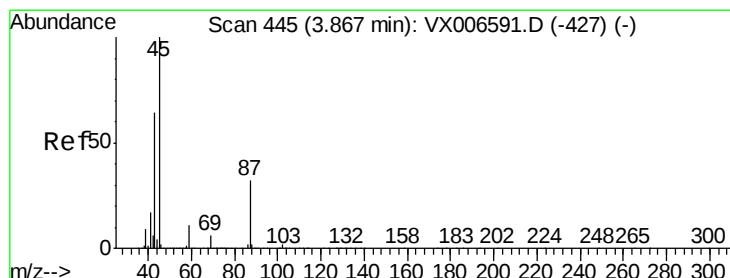
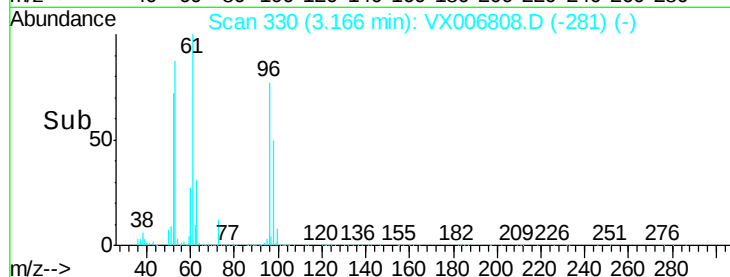
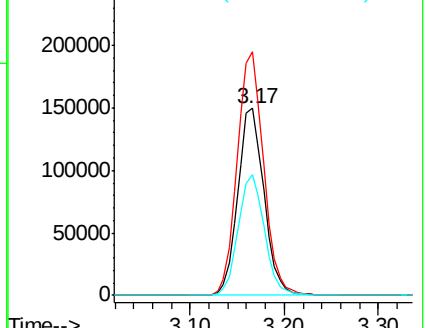
98 64.7 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.847 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

Tgt Ion: 45 Resp: 903819

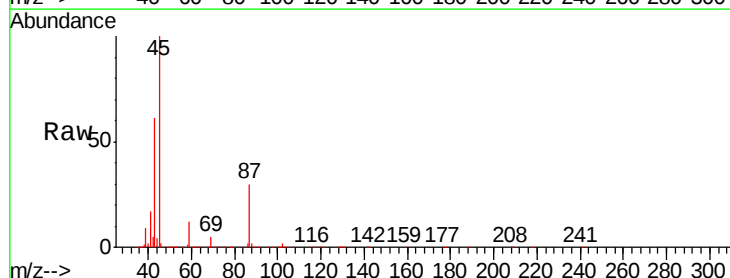
Ion Ratio Lower Upper

45 100

43 60.9 51.2 76.8

87 29.8 25.8 38.6

59 12.2 9.0 13.4

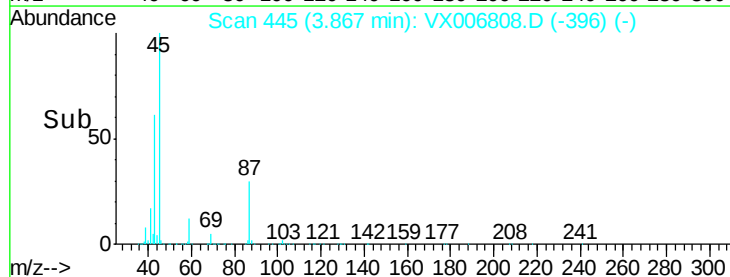
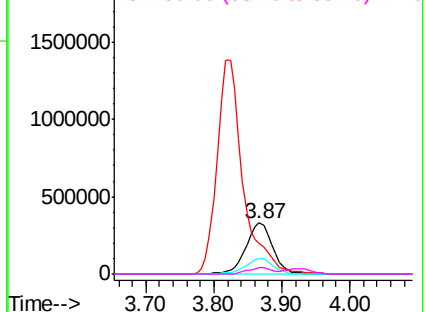


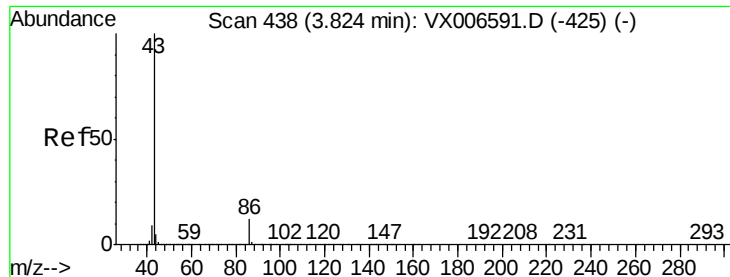
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 262.158 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

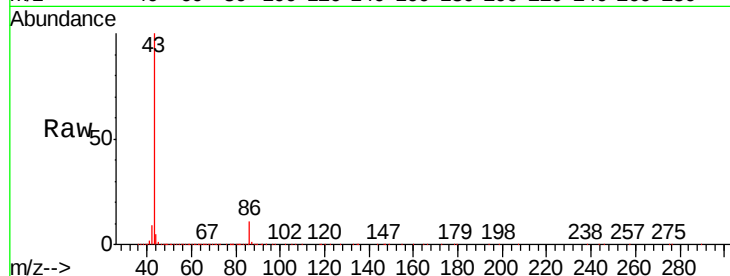
VSTDCCC050

Tgt Ion: 43 Resp: 3667437

Ion Ratio Lower Upper

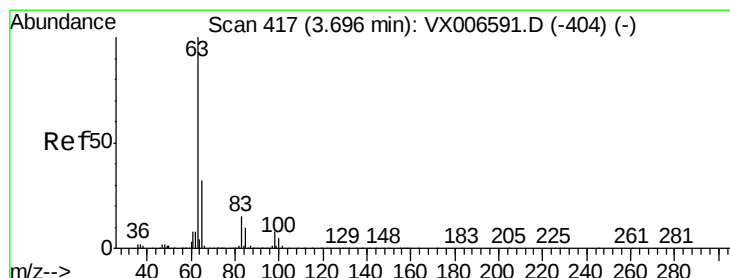
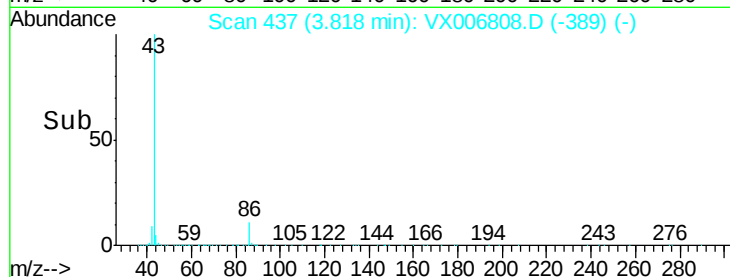
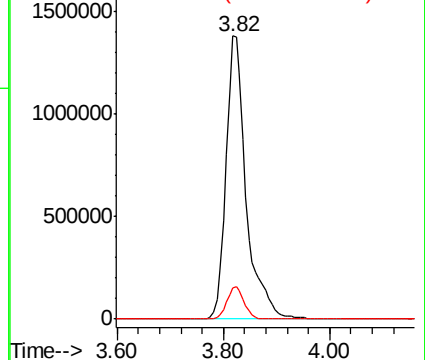
43 100

86 11.1 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.951 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

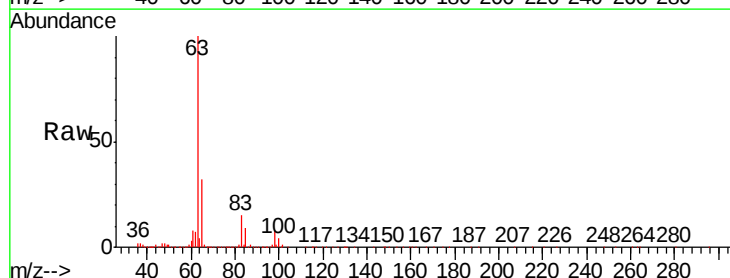
Tgt Ion: 63 Resp: 499769

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

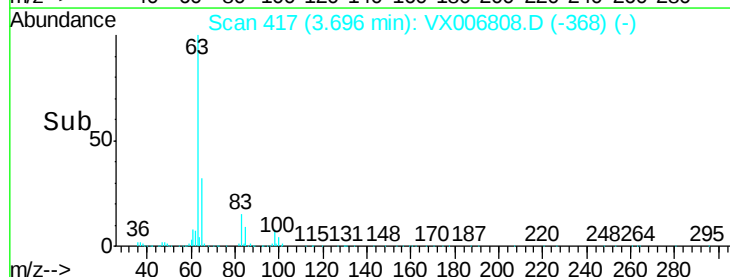
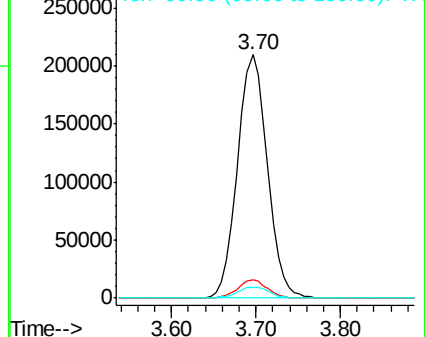
100 4.4 2.4 7.2

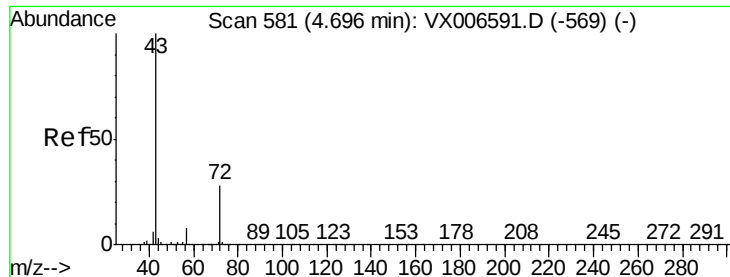


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 268.109 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

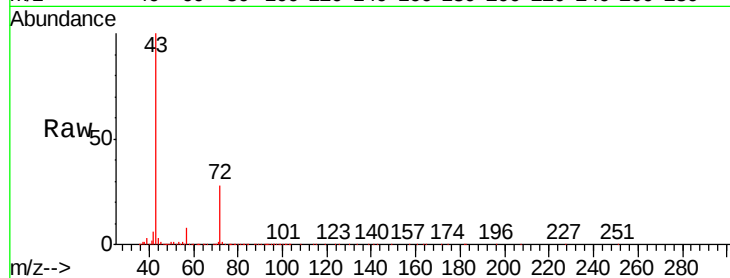
VSTDCCC050

Tgt Ion: 43 Resp: 1160782

Ion Ratio Lower Upper

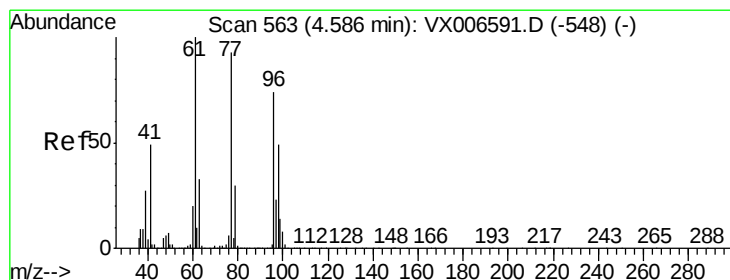
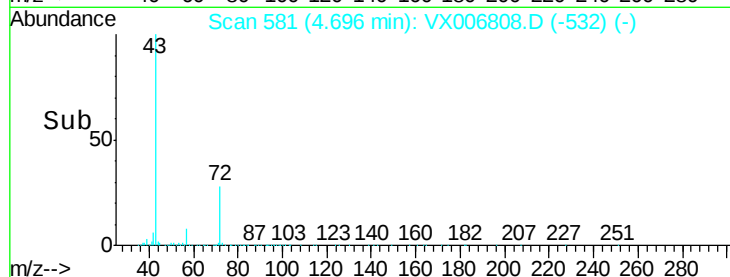
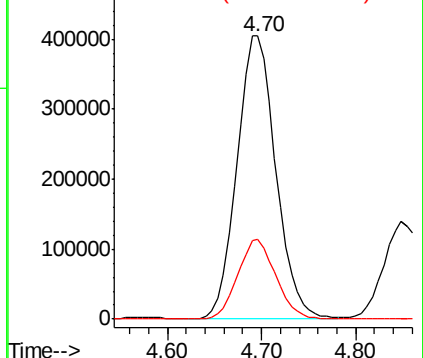
43 100

72 28.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 53.474 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006808.D

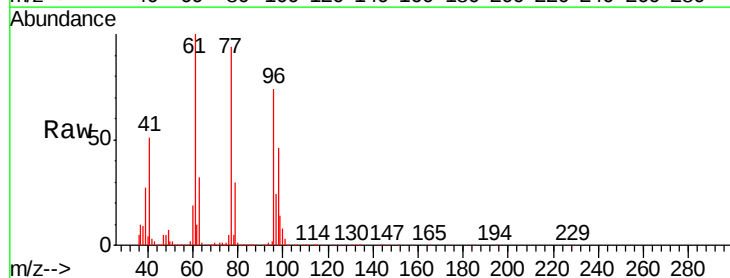
Acq: 26 Dec 2018 10:24

Tgt Ion: 77 Resp: 421720

Ion Ratio Lower Upper

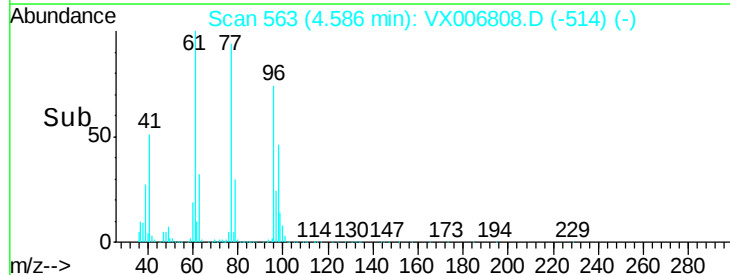
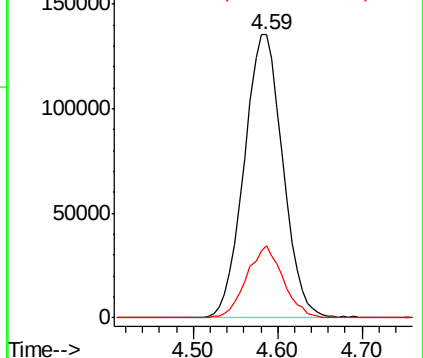
77 100

97 24.3 12.4 37.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



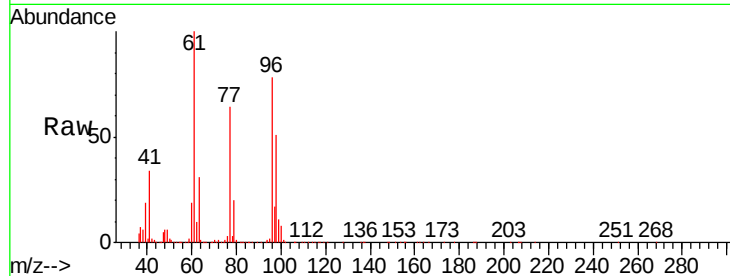


#27

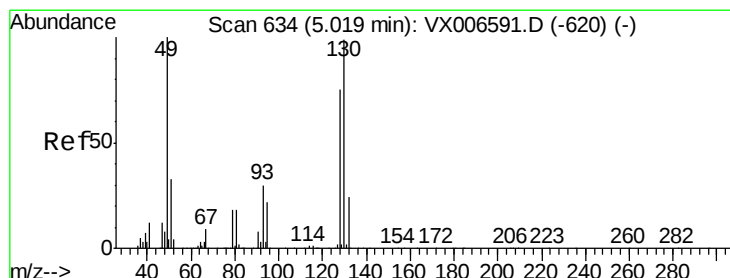
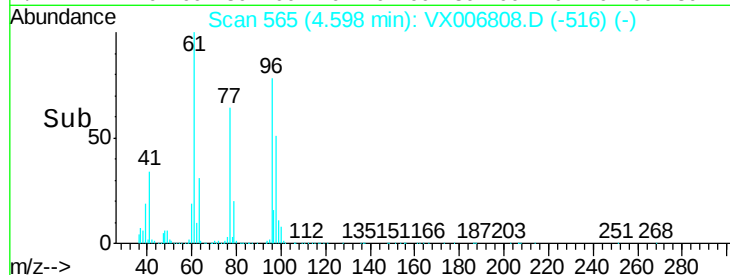
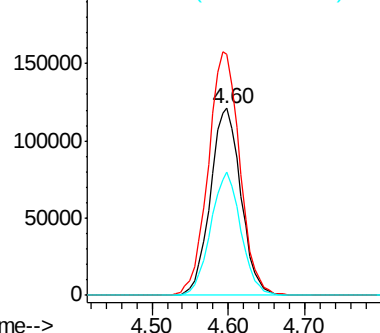
cis-1,2-Dichloroethene
Concen: 49.461 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006808.D
Acq: 26 Dec 2018 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 335815
Ion Ratio Lower Upper
96 100
61 134.4 0.0 258.6
98 65.2 0.0 132.0



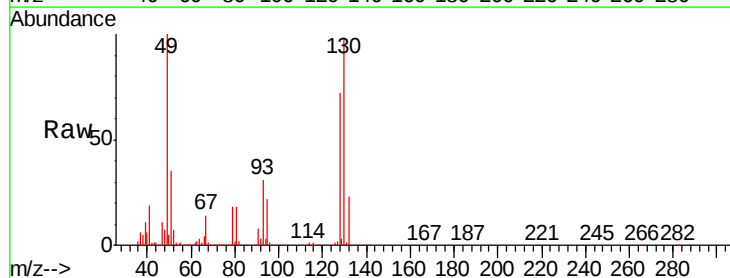
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



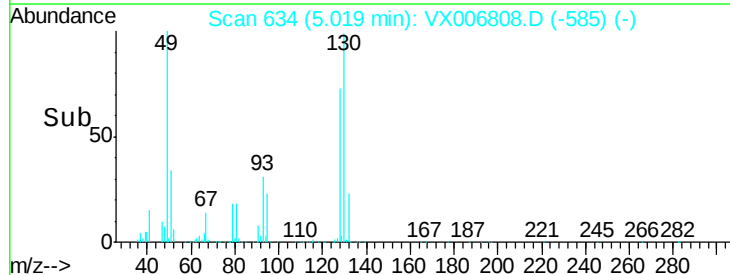
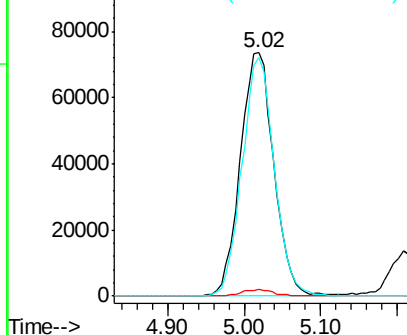
#28

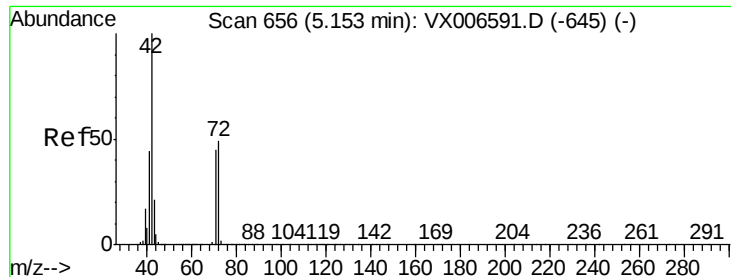
Bromochloromethane
Concen: 52.344 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006808.D
Acq: 26 Dec 2018 10:24

Tgt Ion: 49 Resp: 224902
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.4
130 94.3 77.7 116.5



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





#29

Tetrahydrofuran

Concen: 244.691 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

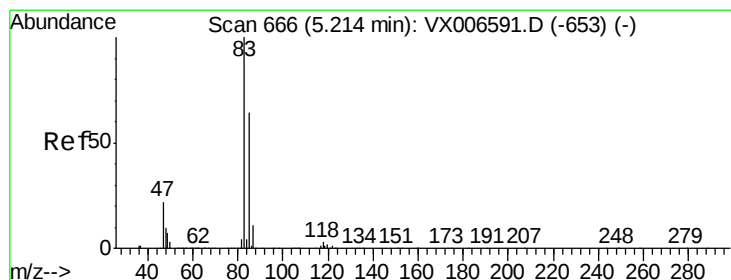
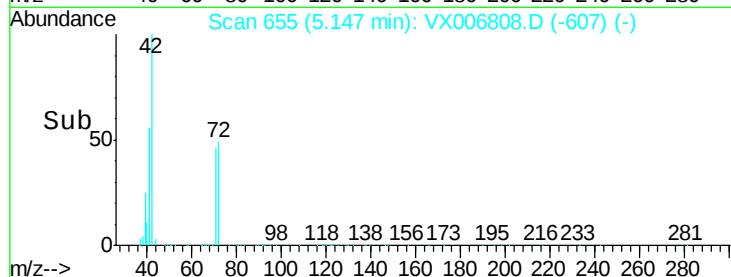
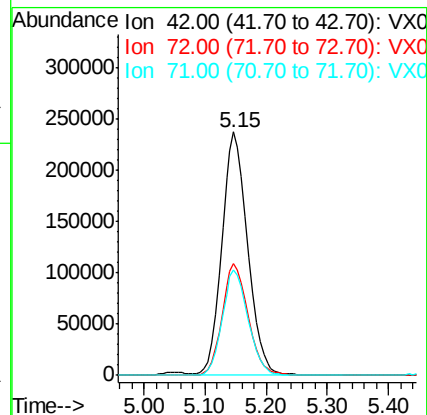
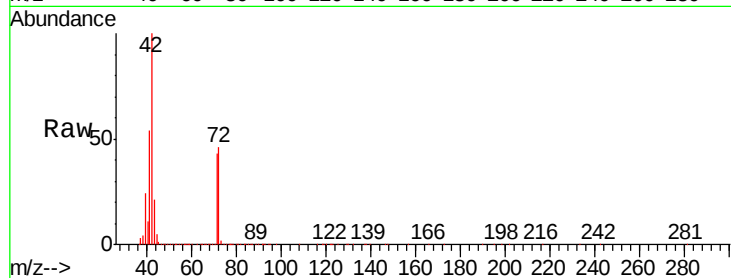
Tgt Ion: 42 Resp: 697751

Ion Ratio Lower Upper

42 100

72 46.5 38.9 58.3

71 43.3 36.2 54.4



#30

Chloroform

Concen: 50.589 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006808.D

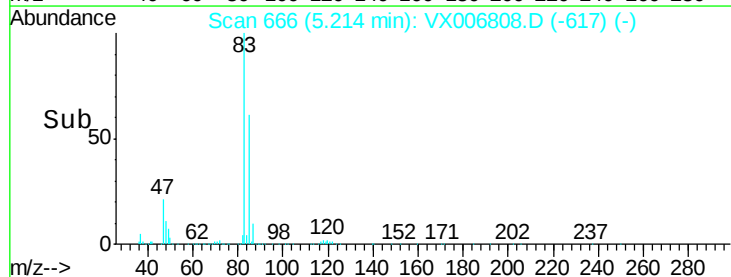
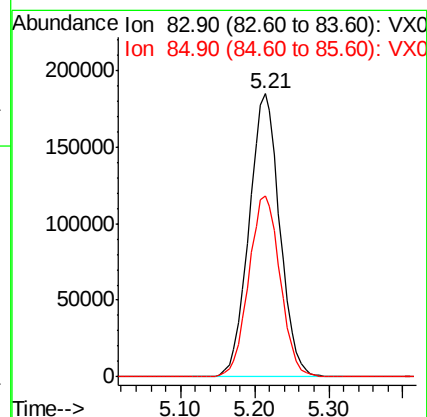
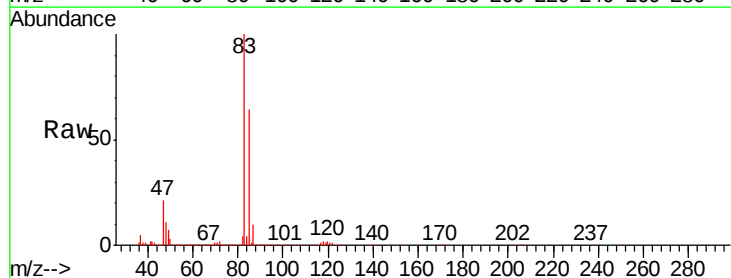
Acq: 26 Dec 2018 10:24

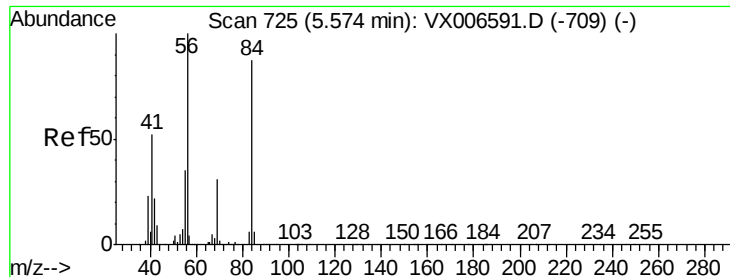
Tgt Ion: 83 Resp: 534851

Ion Ratio Lower Upper

83 100

85 63.9 51.2 76.8

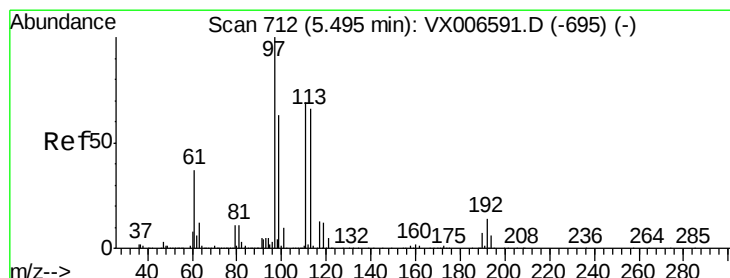
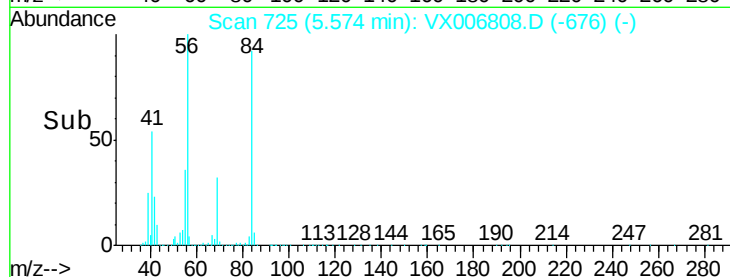
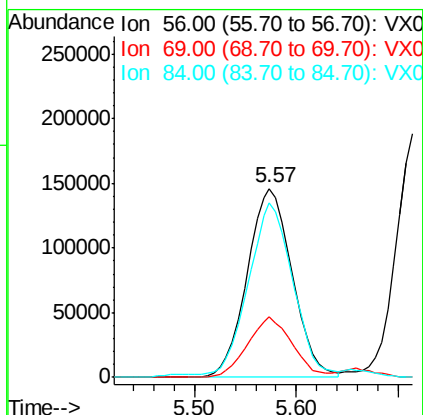
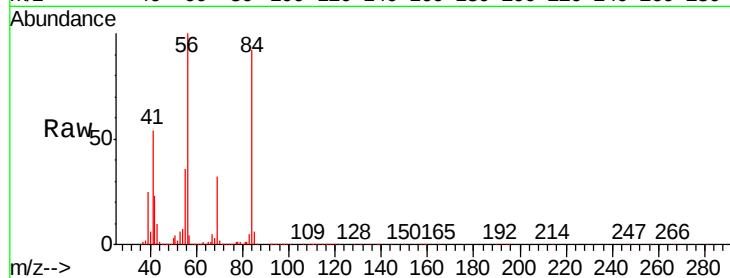




#31
Cyclohexane
Concen: 47.939 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006808.D
Acq: 26 Dec 2018 10:24

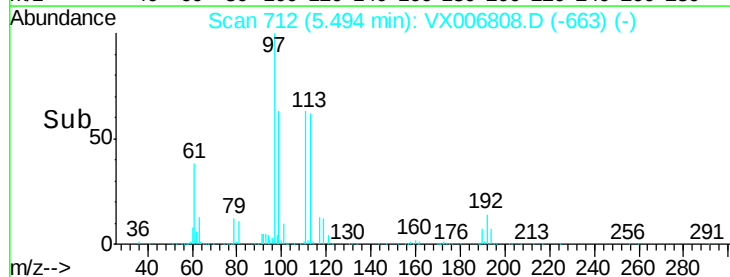
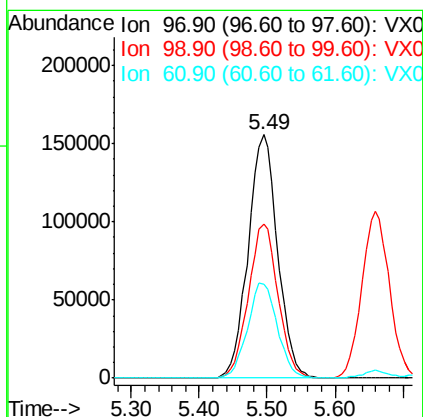
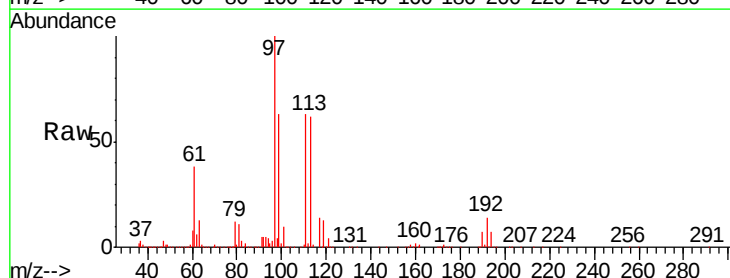
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

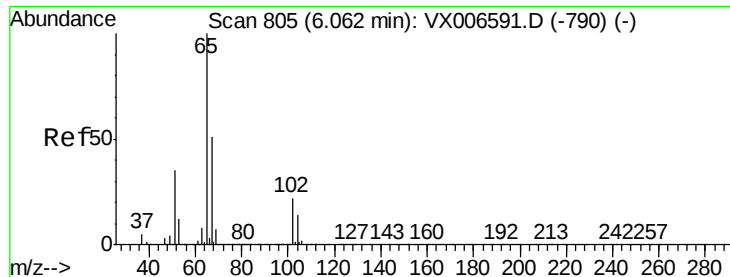
Tgt Ion: 56 Resp: 444641
Ion Ratio Lower Upper
56 100
69 32.2 24.4 36.6
84 90.6 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 52.564 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006808.D
Acq: 26 Dec 2018 10:24

Tgt Ion: 97 Resp: 469250
Ion Ratio Lower Upper
97 100
99 63.8 51.7 77.5
61 39.8 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 46.923 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

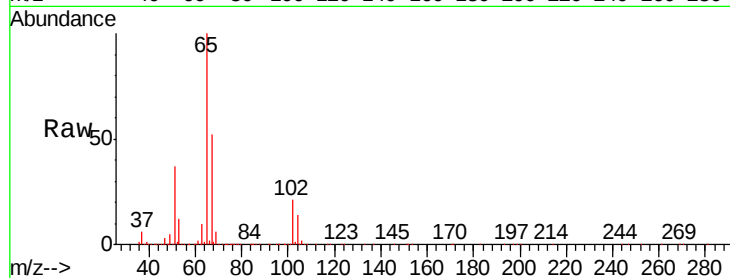
VSTDCCC050

Tgt Ion: 65 Resp: 314362

Ion Ratio Lower Upper

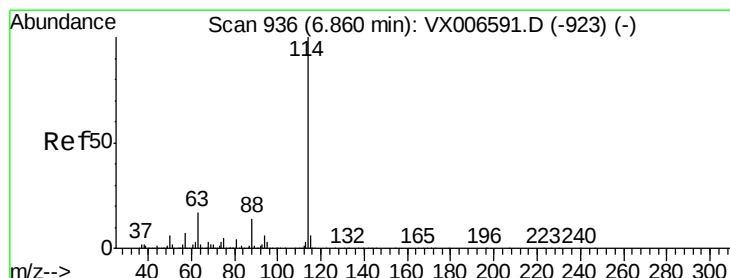
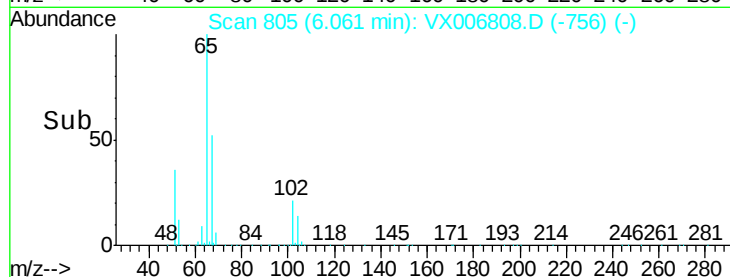
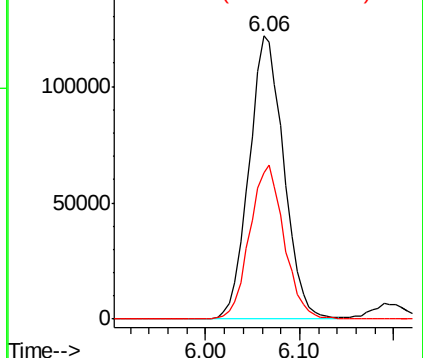
65 100

67 54.2 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

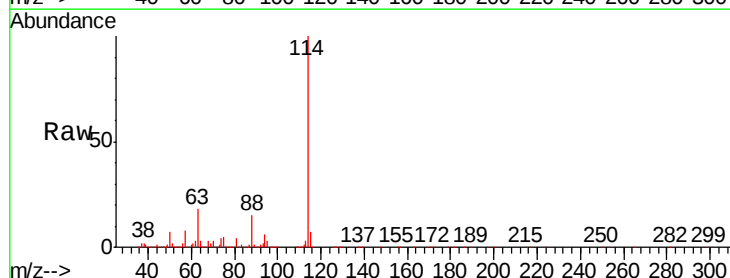
Tgt Ion: 114 Resp: 883594

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.8

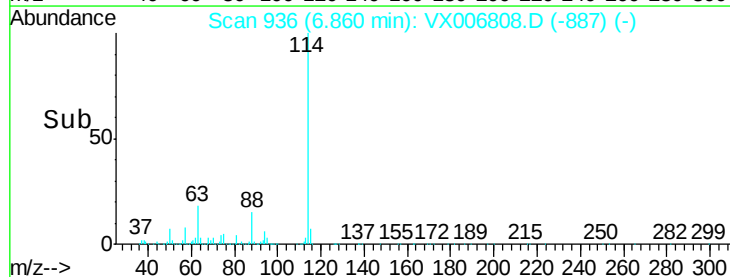
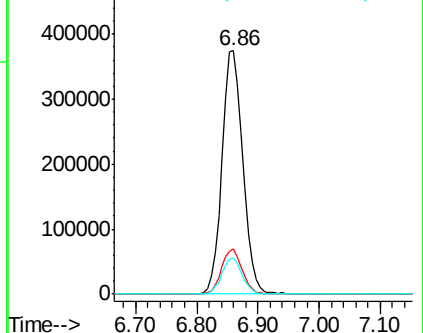
88 15.1 0.0 28.8

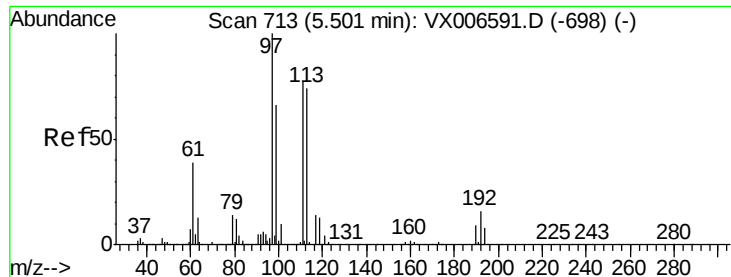


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.352 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

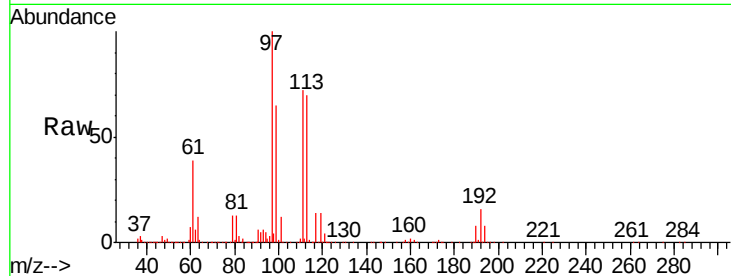
Tgt Ion:113 Resp: 292526

Ion Ratio Lower Upper

113 100

111 103.1 81.6 122.4

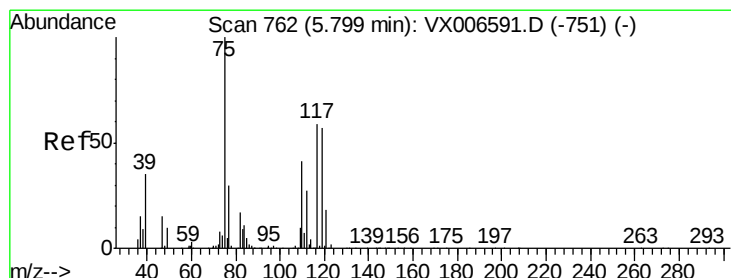
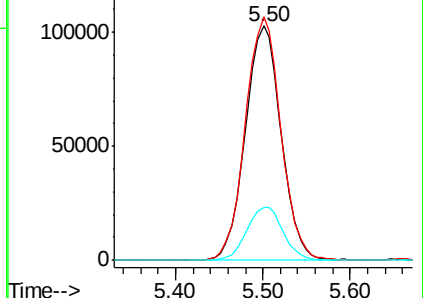
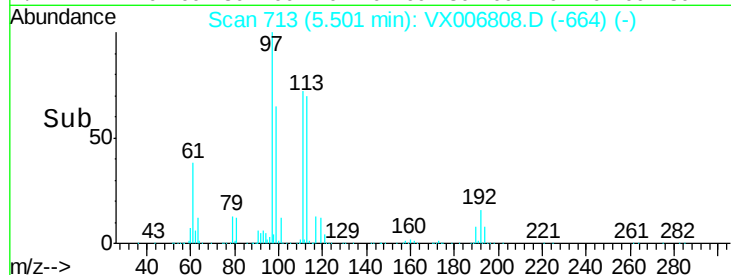
192 22.9 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 53.290 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

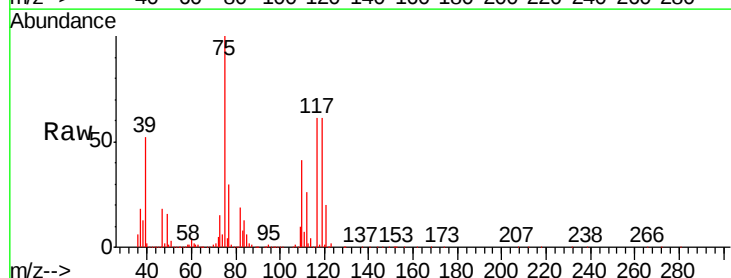
Tgt Ion: 75 Resp: 389987

Ion Ratio Lower Upper

75 100

110 40.6 20.2 60.5

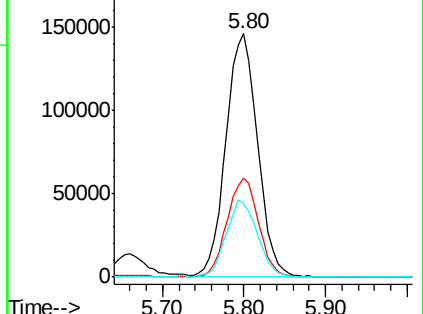
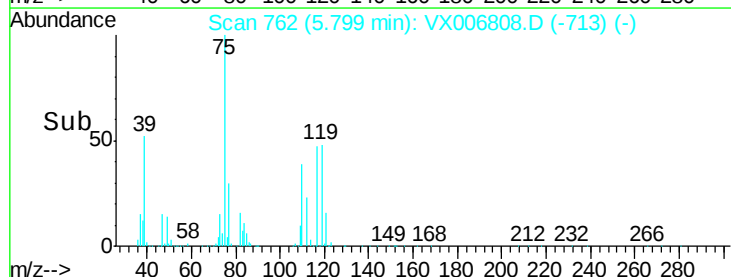
77 31.2 24.8 37.2

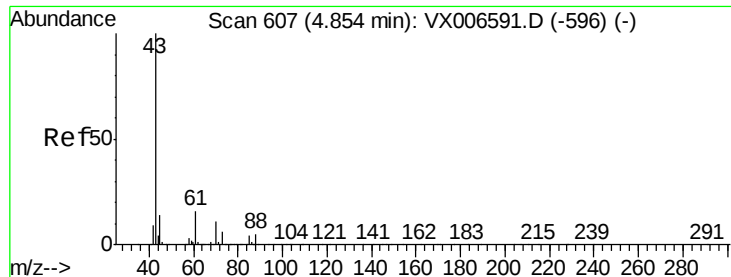


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

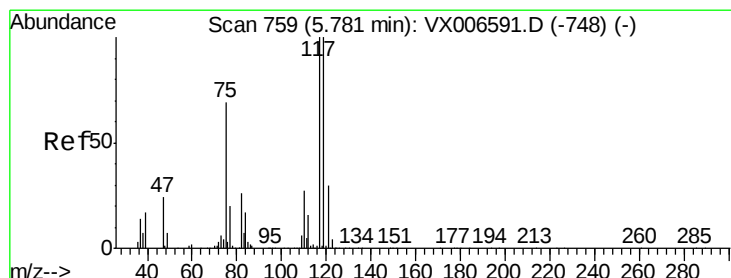
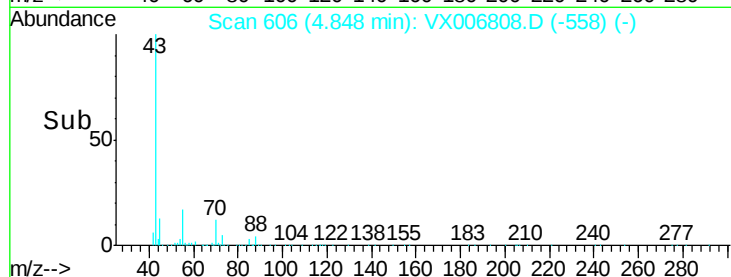
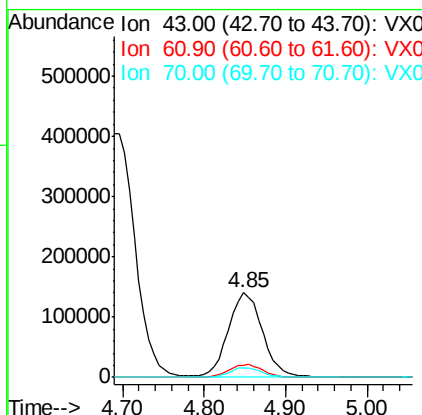
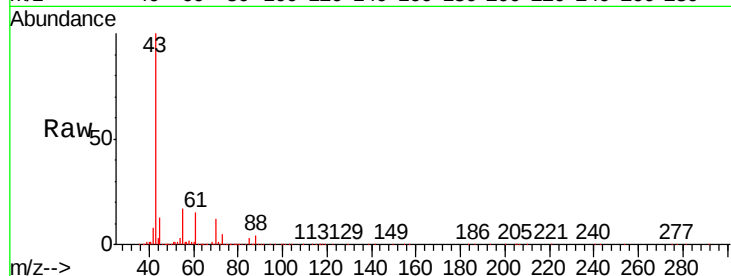




#37
Ethyl Acetate
Concen: 53.034 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX006808.D
Acq: 26 Dec 2018 10:24

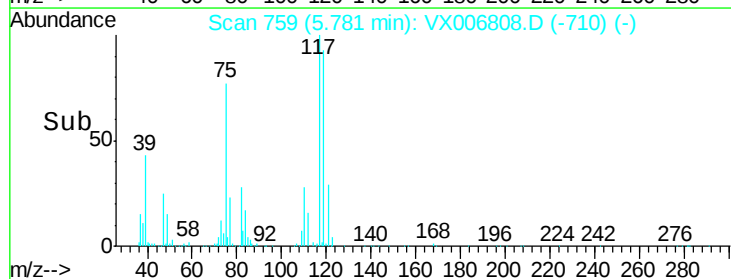
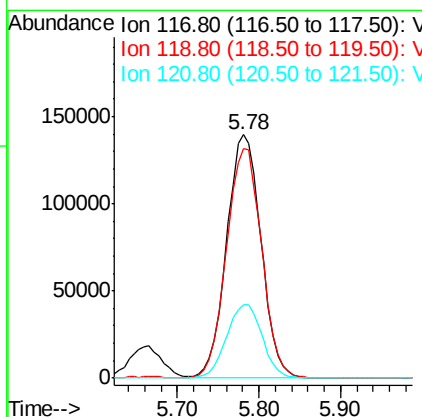
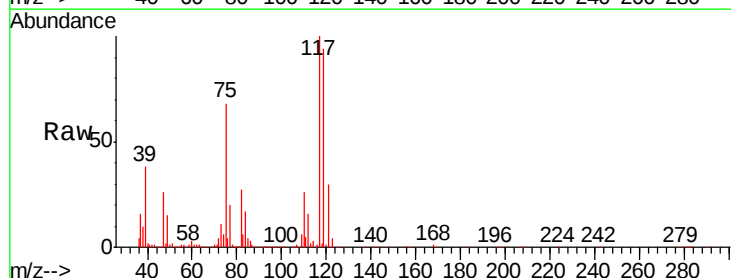
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

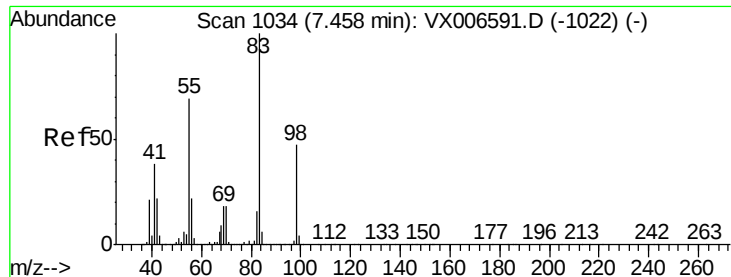
Tgt Ion: 43 Resp: 403952
Ion Ratio Lower Upper
43 100
61 14.6 11.9 17.9
70 11.5 9.7 14.5



#38
Carbon Tetrachloride
Concen: 57.143 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006808.D
Acq: 26 Dec 2018 10:24

Tgt Ion: 117 Resp: 406412
Ion Ratio Lower Upper
117 100
119 94.2 79.4 119.2
121 30.2 24.0 36.0

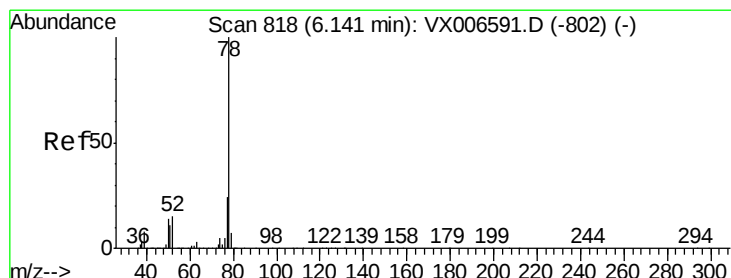
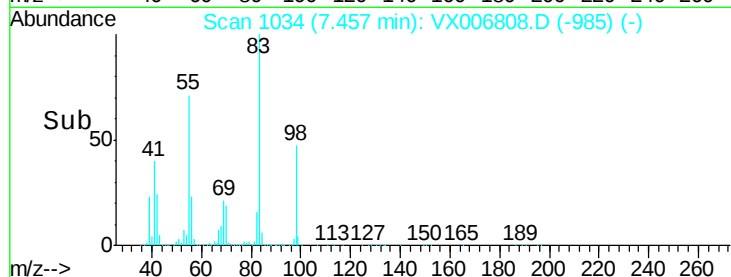
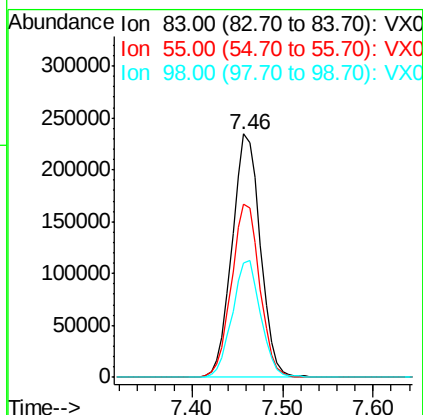
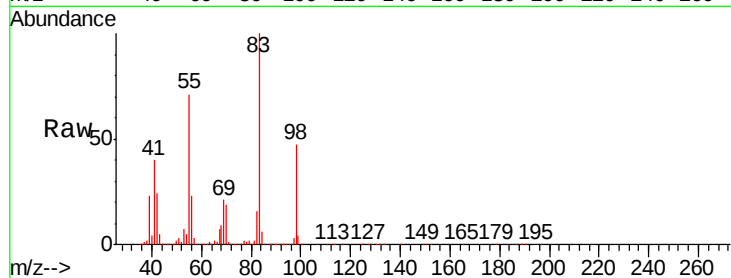




#39
Methylcyclohexane
Concen: 52.868 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006808.D
Acq: 26 Dec 2018 10:24

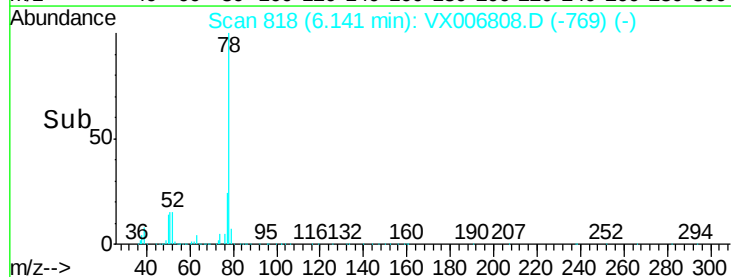
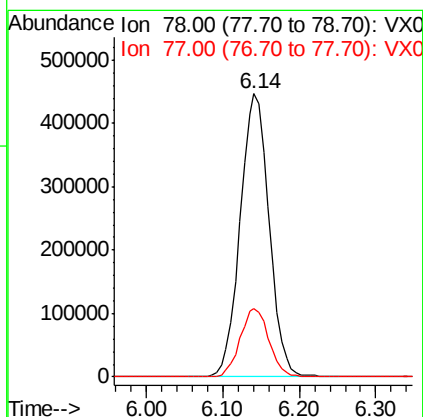
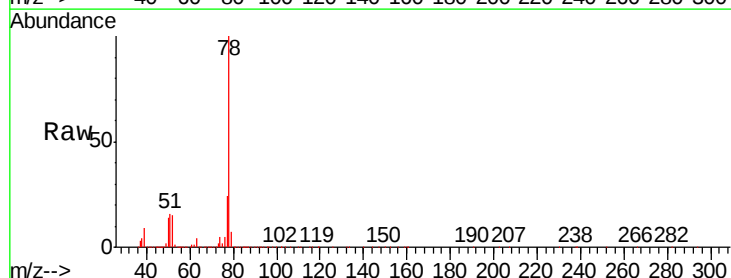
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

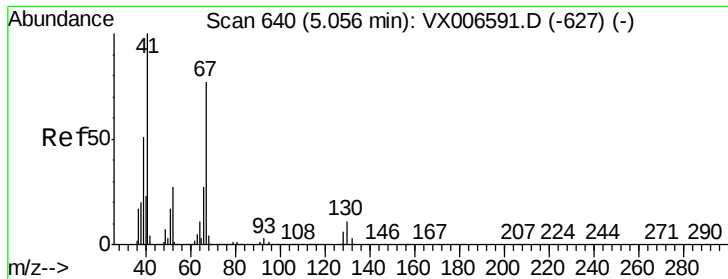
Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.1	54.9	82.3
98	47.2	37.9	56.9



#40
Benzene
Concen: 52.649 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006808.D
Acq: 26 Dec 2018 10:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.2	28.8

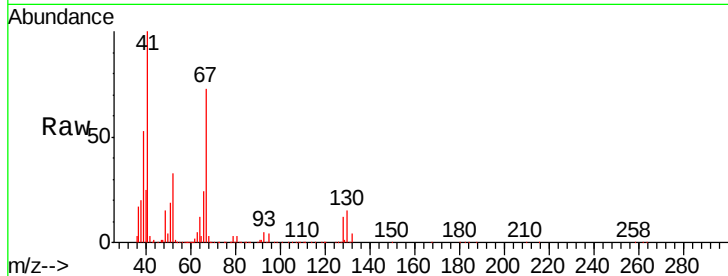




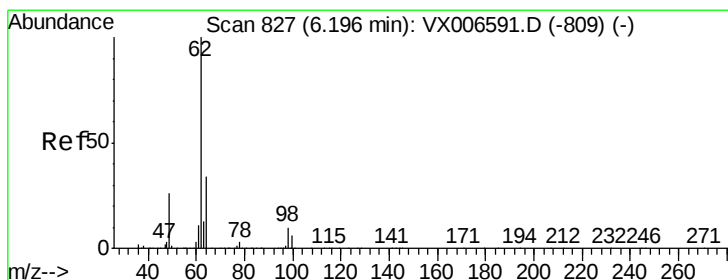
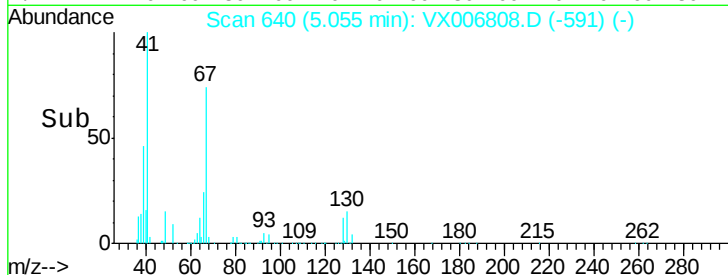
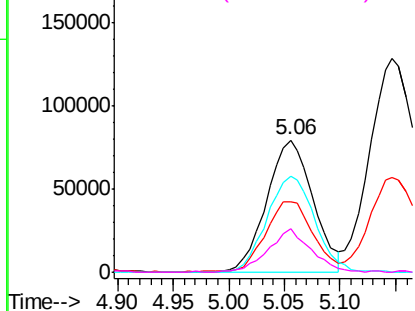
#41
Methacrylonitrile
Concen: 56.509 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX006808.D
Acq: 26 Dec 2018 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	228522
Ion	Ratio	Lower	Upper
41	100		
39	54.3	42.8	64.2
67	76.0	62.1	93.1
52	29.7	23.4	35.0

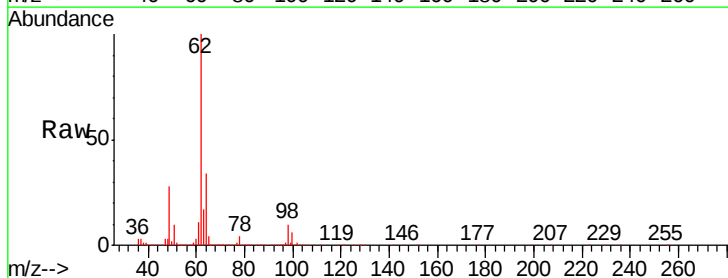


Abundance Ion 41.00 (40.70 to 41.70): VX0
200000
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

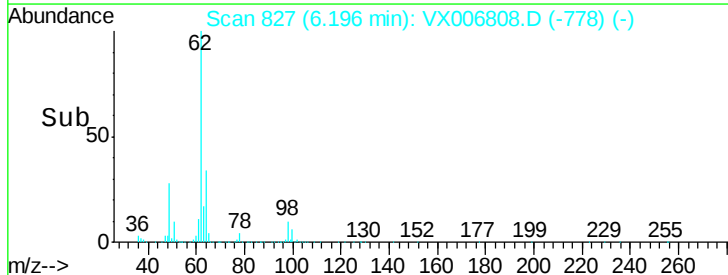
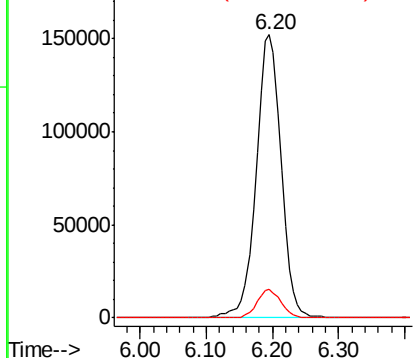


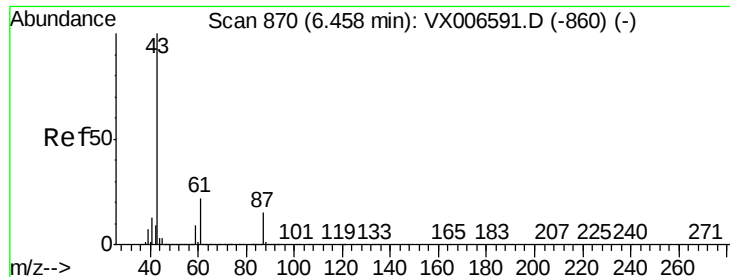
#42
1,2-Dichloroethane
Concen: 52.362 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006808.D
Acq: 26 Dec 2018 10:24

Tgt Ion:	62	Resp:	396909
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
150000
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 57.800 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

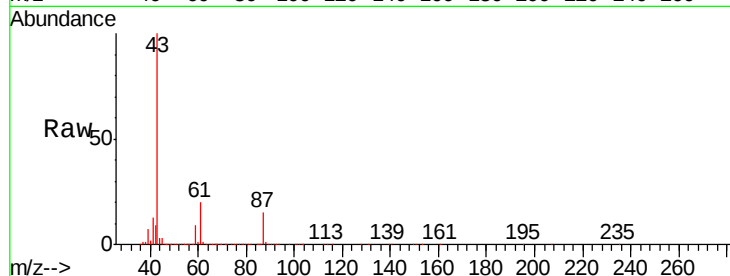
Tgt Ion: 43 Resp: 669869

Ion Ratio Lower Upper

43 100

61 20.6 16.8 25.2

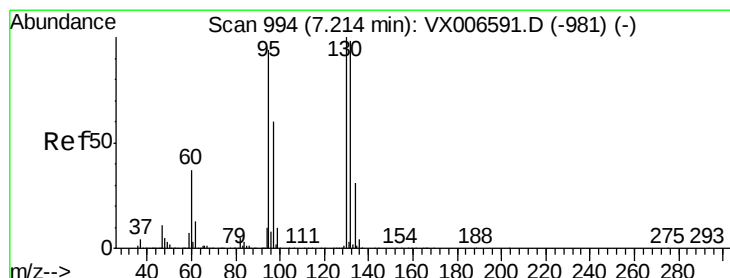
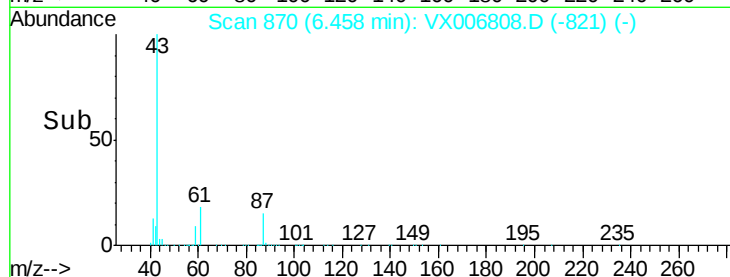
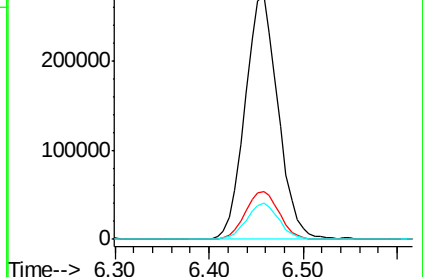
87 14.6 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX006808.D (-821) (-)

Ion 61.00 (60.70 to 61.70): VX006808.D (-821) (-)

Ion 87.00 (86.70 to 87.70): VX006808.D (-821) (-)



#44

Trichloroethene

Concen: 51.908 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006808.D

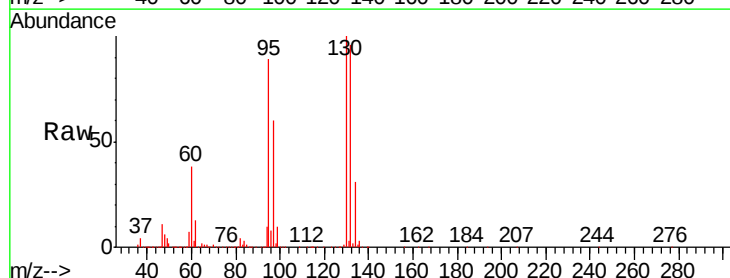
Acq: 26 Dec 2018 10:24

Tgt Ion: 130 Resp: 349485

Ion Ratio Lower Upper

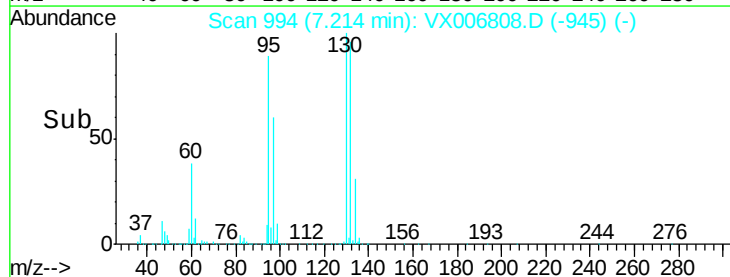
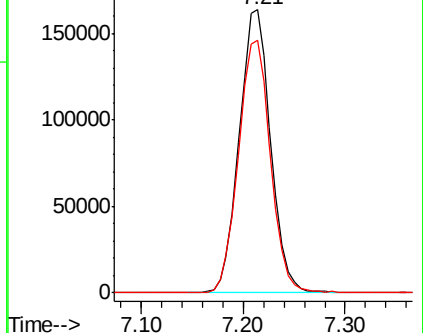
130 100

95 89.3 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): VX006808.D (-945) (-)

Ion 94.90 (94.60 to 95.60): VX006808.D (-945) (-)

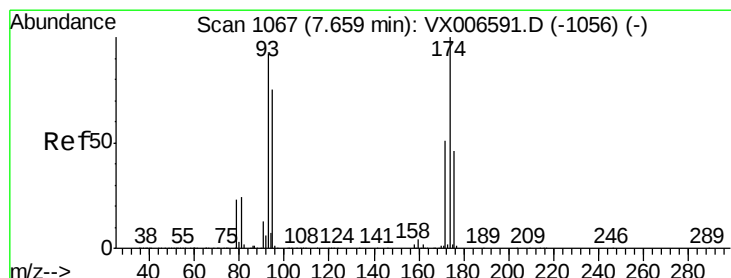
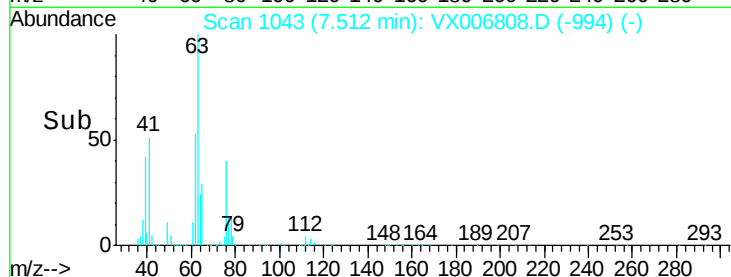
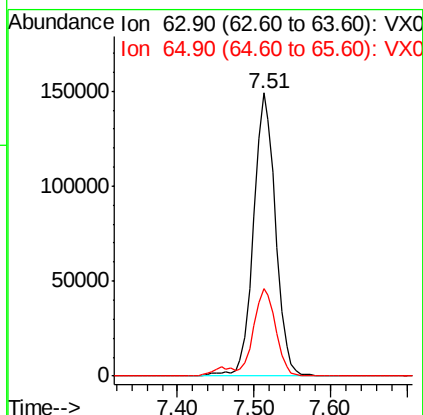
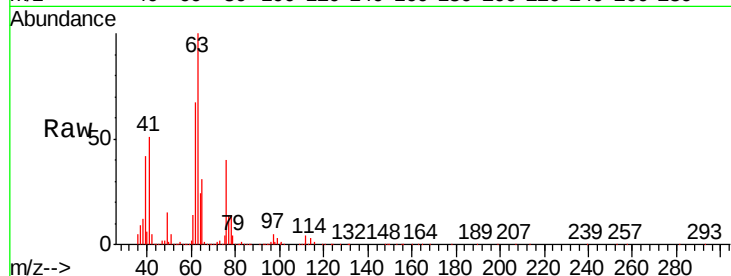




#45
 1,2-Dichloropropane
 Concen: 55.125 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX006808.D
 Acq: 26 Dec 2018 10:24

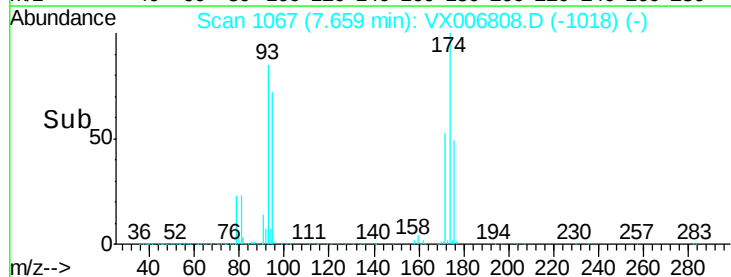
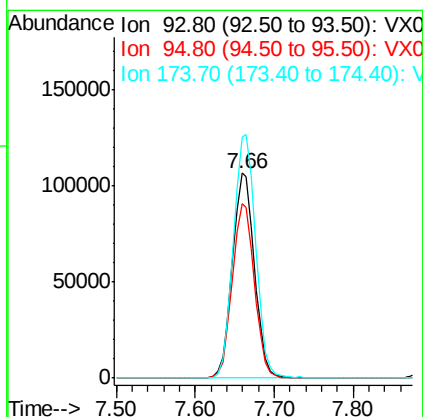
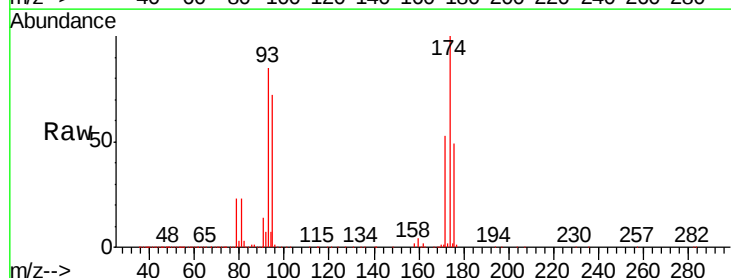
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

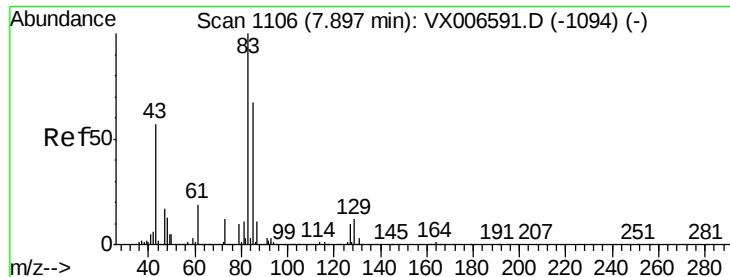
Tgt Ion: 63 Resp: 298405
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.4 38.0



#46
 Dibromomethane
 Concen: 52.586 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX006808.D
 Acq: 26 Dec 2018 10:24

Tgt Ion: 93 Resp: 209383
 Ion Ratio Lower Upper
 93 100
 95 84.7 66.2 99.4
 174 118.9 91.0 136.4





#47

Bromodichloromethane

Concen: 58.190 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

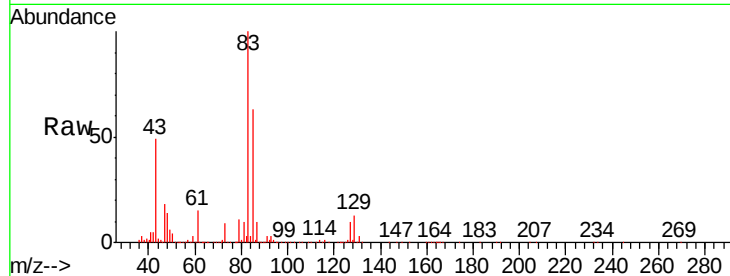
Tgt Ion: 83 Resp: 384674

Ion Ratio Lower Upper

83 100

85 63.2 53.2 79.8

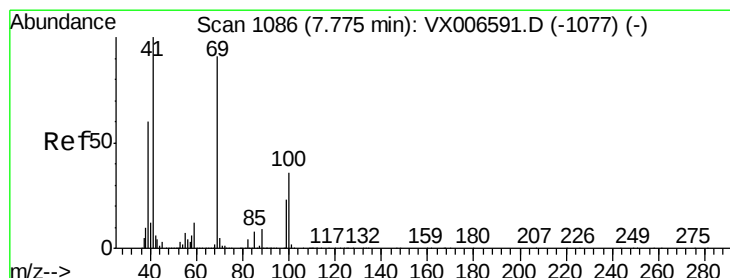
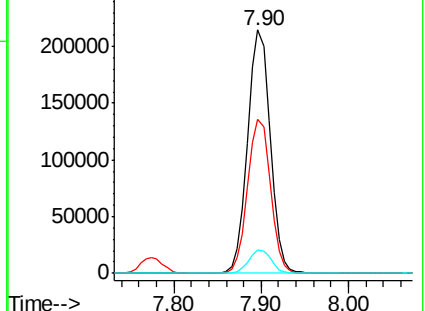
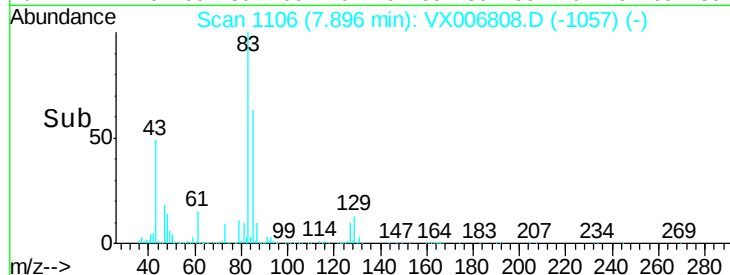
127 9.7 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 57.910 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

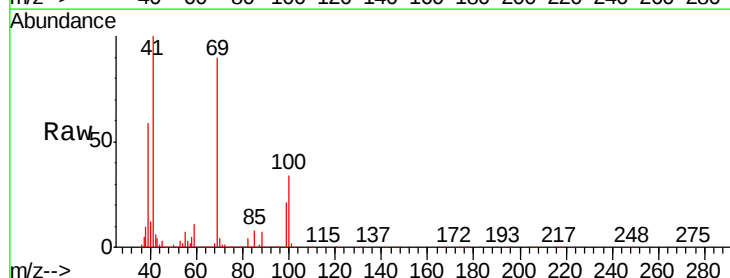
Tgt Ion: 41 Resp: 341298

Ion Ratio Lower Upper

41 100

69 88.6 72.4 108.6

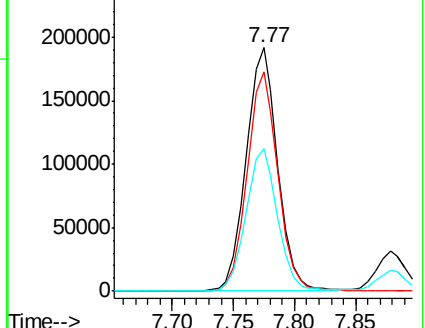
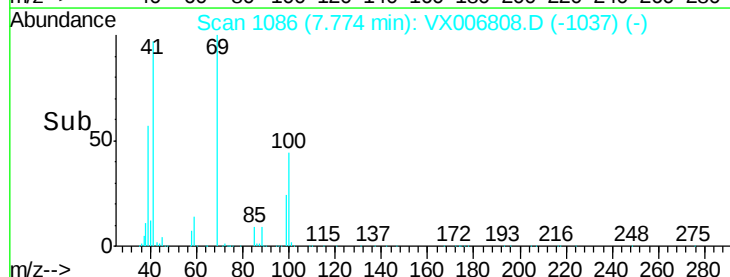
39 58.5 45.8 68.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1022.003 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

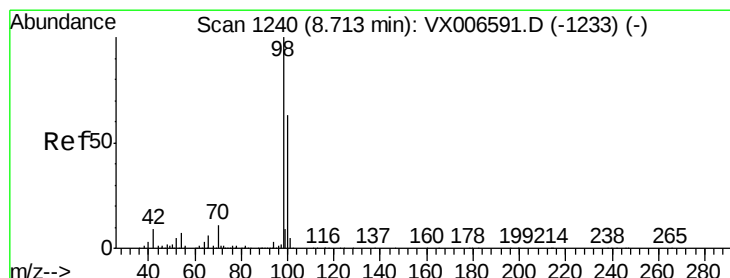
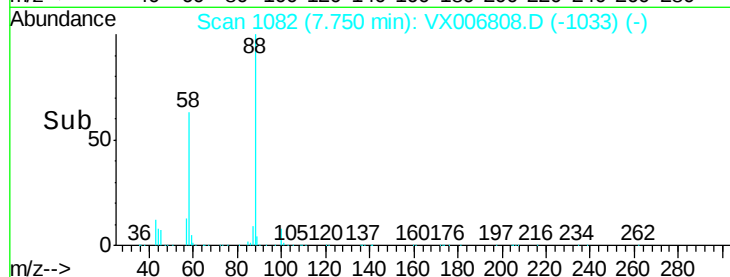
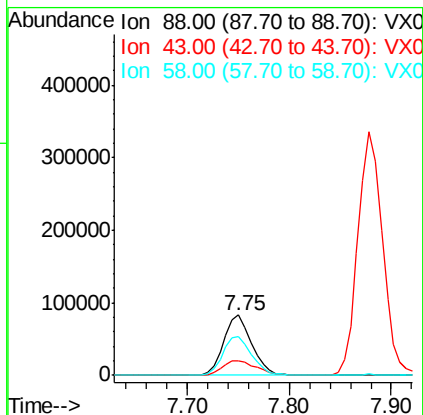
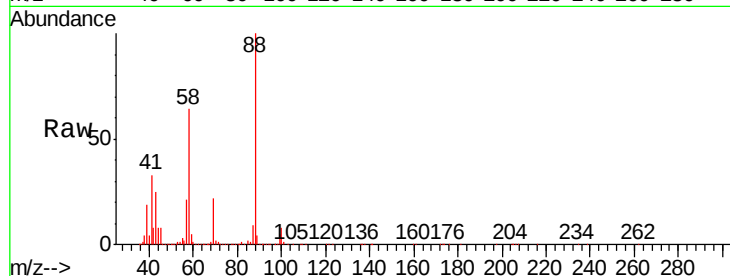
Tgt Ion: 88 Resp: 157528

Ion Ratio Lower Upper

88 100

43 29.7 22.2 33.4

58 67.1 51.0 76.4



#50

Toluene-d8

Concen: 50.626 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006808.D

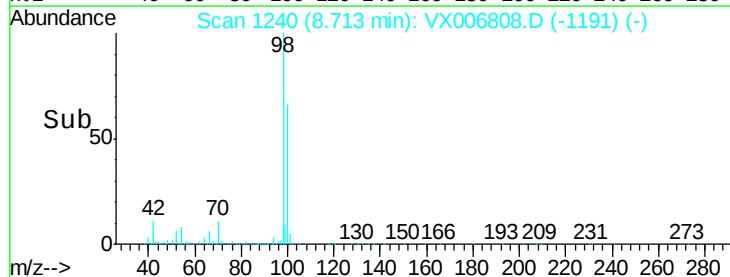
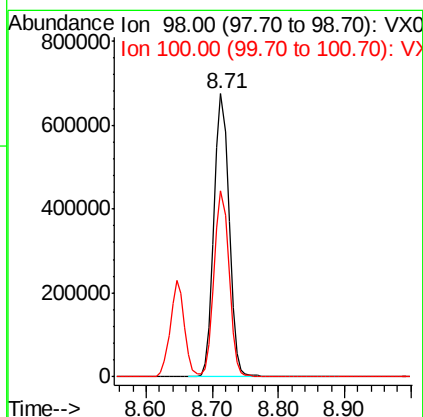
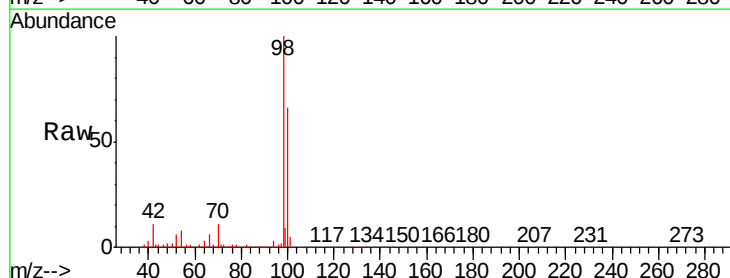
Acq: 26 Dec 2018 10:24

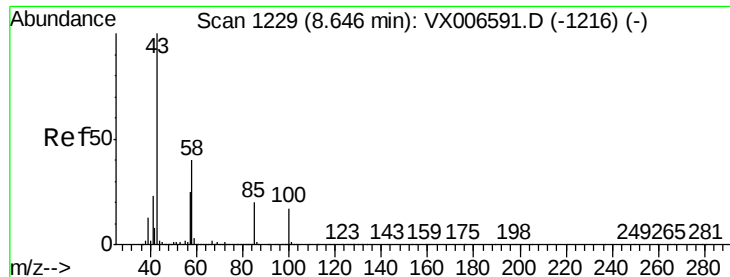
Tgt Ion: 98 Resp: 1066480

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0

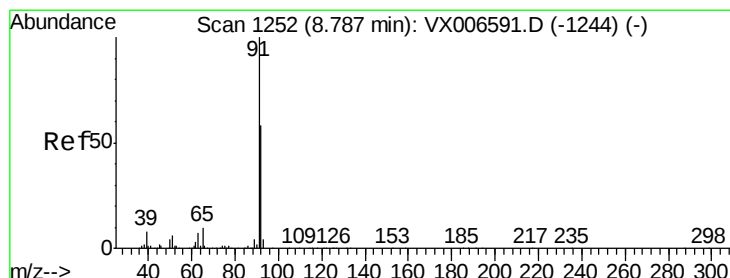
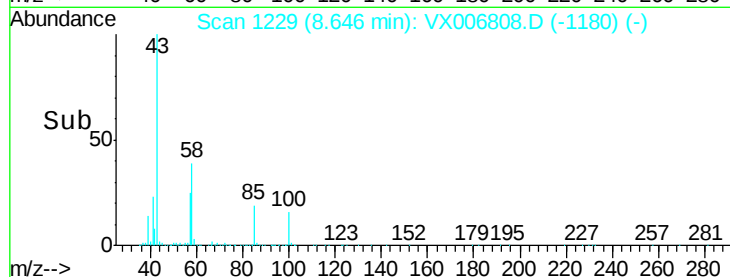
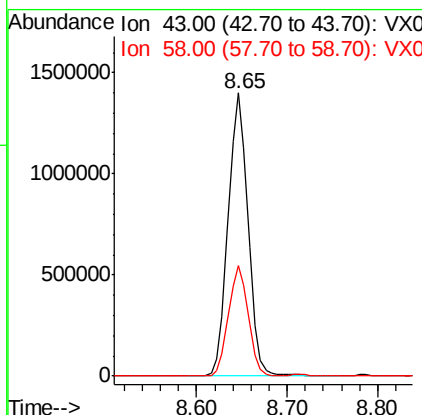
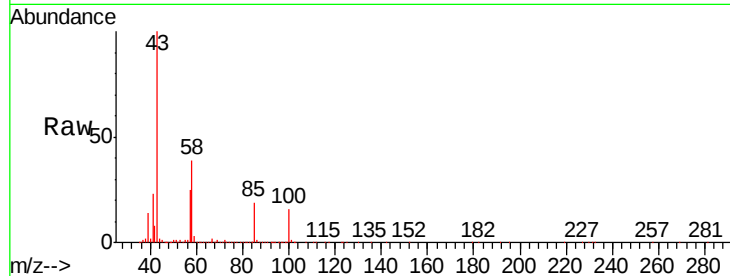




#51
 4-Methyl-2-Pentanone
 Concen: 289.497 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX006808.D
 Acq: 26 Dec 2018 10:24

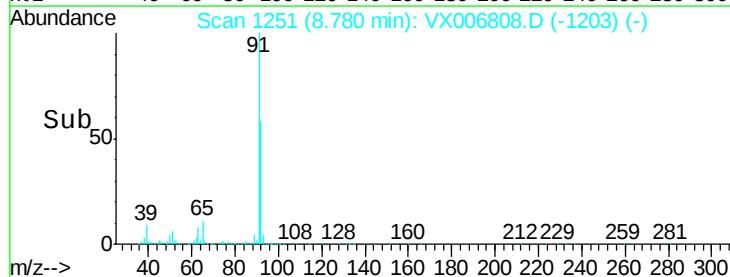
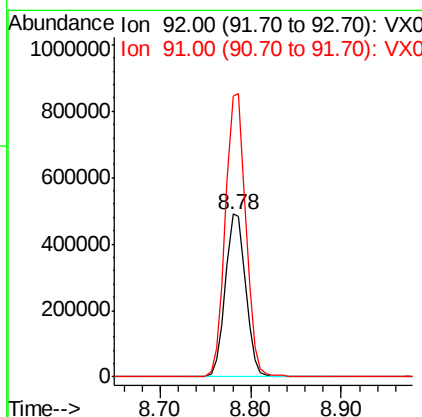
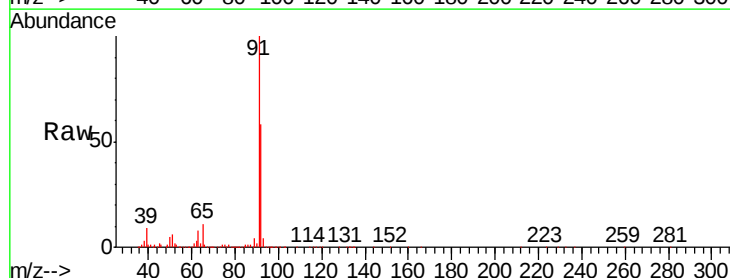
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

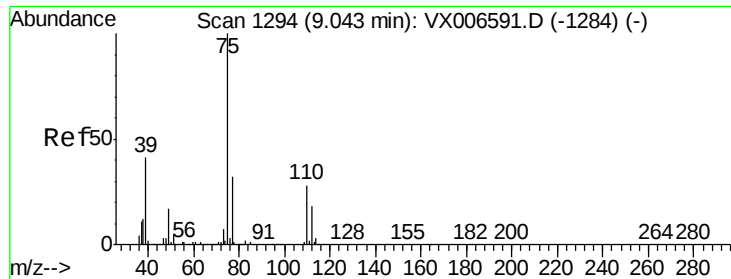
Tgt Ion: 43 Resp: 2134757
 Ion Ratio Lower Upper
 43 100
 58 38.8 31.8 47.6



#52
 Toluene
 Concen: 53.539 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX006808.D
 Acq: 26 Dec 2018 10:24

Tgt Ion: 92 Resp: 769412
 Ion Ratio Lower Upper
 92 100
 91 174.8 137.6 206.4

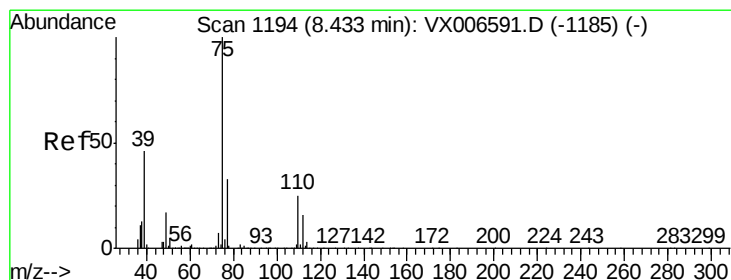
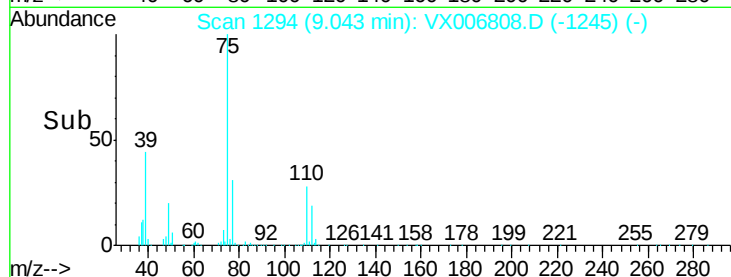
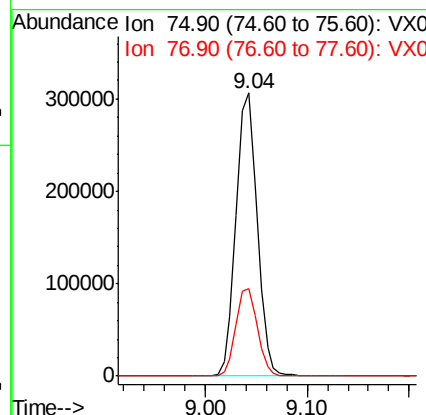
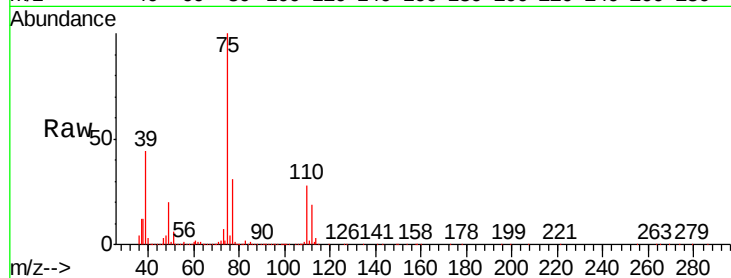




#53
t-1,3-Dichloropropene
Concen: 61.856 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006808.D
Acq: 26 Dec 2018 10:24

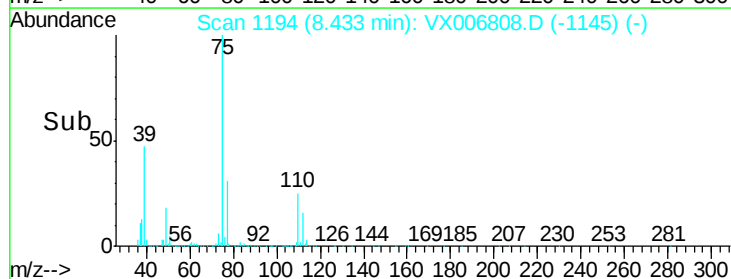
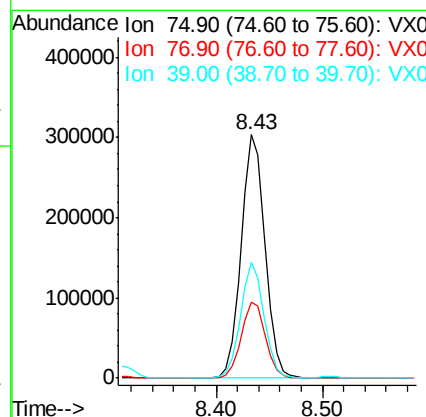
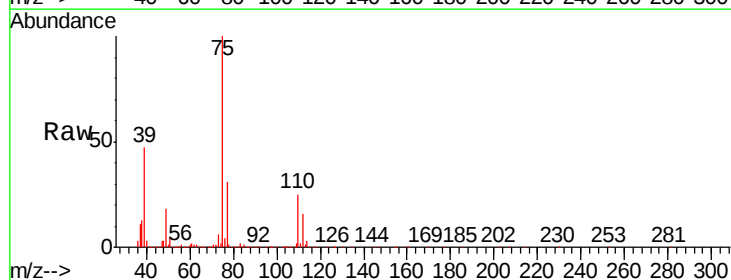
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

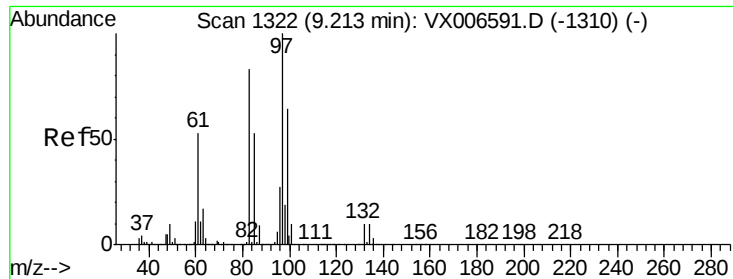
Tgt Ion: 75 Resp: 438549
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 61.331 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX006808.D
Acq: 26 Dec 2018 10:24

Tgt Ion: 75 Resp: 477111
Ion Ratio Lower Upper
75 100
77 31.3 26.2 39.2
39 47.1 36.7 55.1

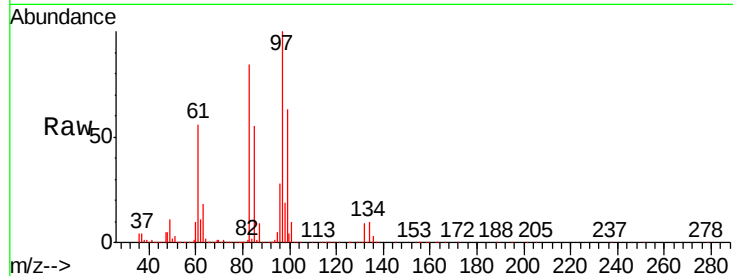




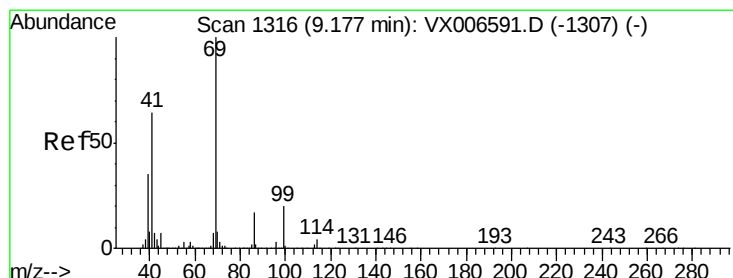
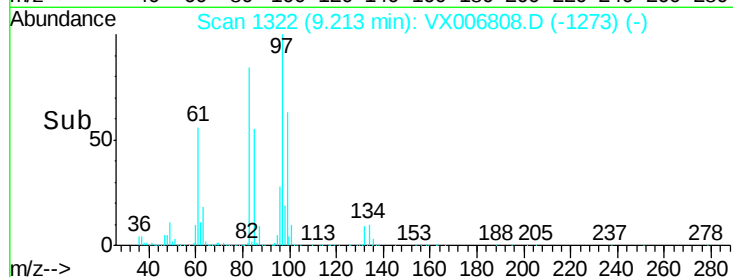
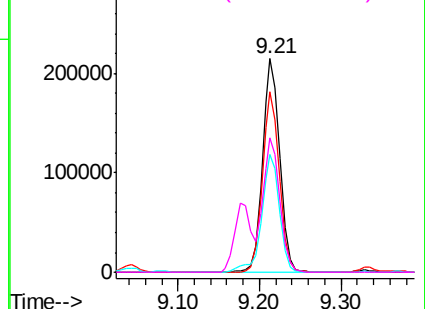
#55
 1,1,2-Trichloroethane
 Concen: 54.251 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006808.D
 Acq: 26 Dec 2018 10:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	319125
Ion	Ratio	Lower	Upper
97	100		
83	84.2	66.6	99.8
85	55.2	42.7	64.1
99	62.7	50.8	76.2

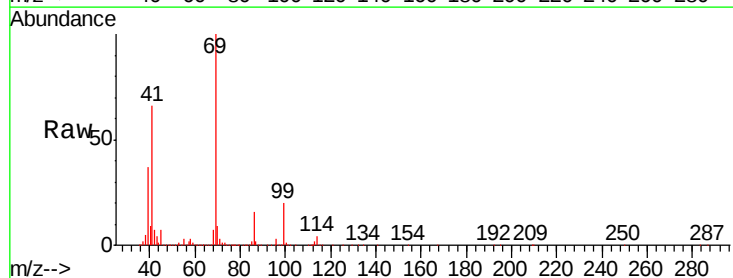


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

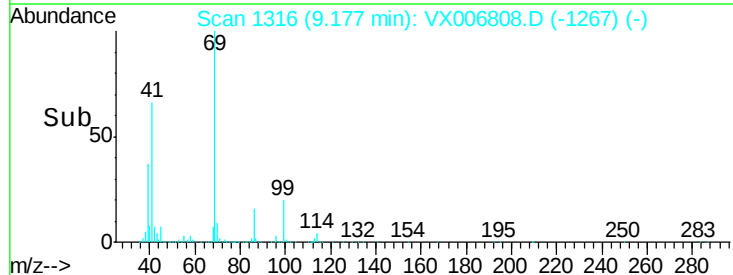
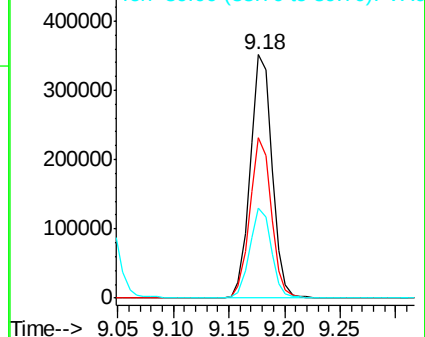


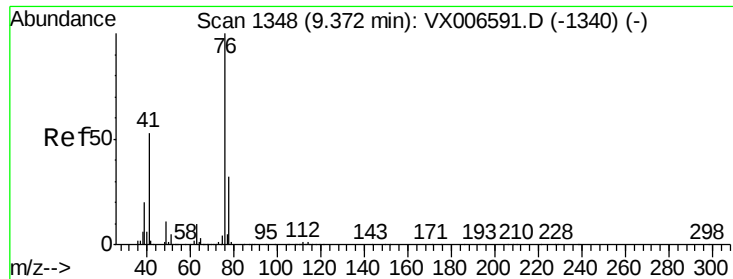
#56
 Ethyl methacrylate
 Concen: 57.629 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX006808.D
 Acq: 26 Dec 2018 10:24

Tgt Ion:	69	Resp:	479128
Ion	Ratio	Lower	Upper
69	100		
41	64.6	48.7	73.1
39	36.2	27.0	40.6



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





#57

1,3-Dichloropropane

Concen: 53.917 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

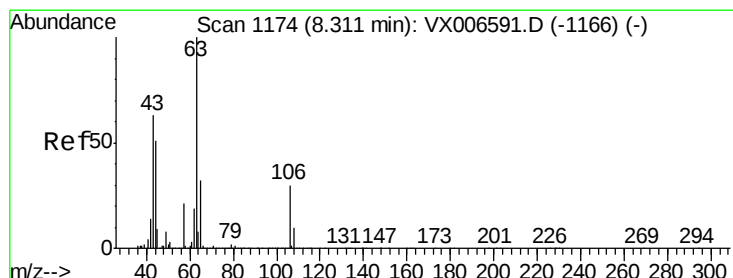
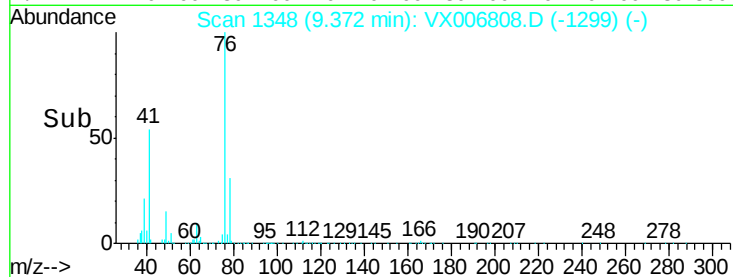
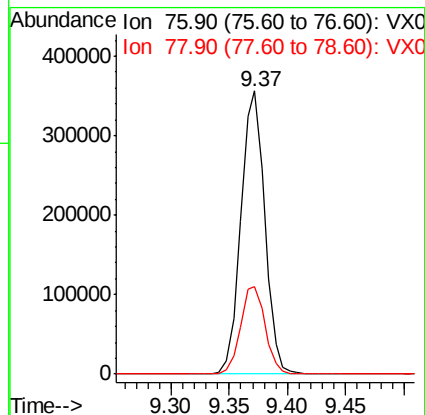
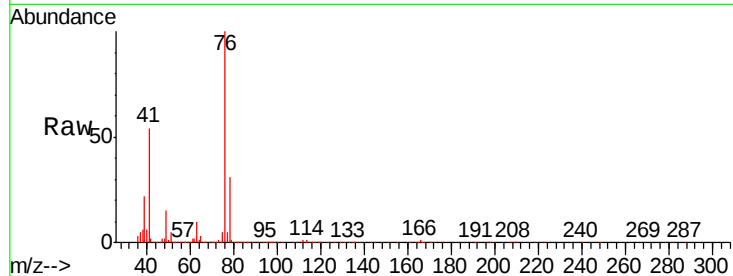
VSTDCCC050

Tgt Ion: 76 Resp: 510276

Ion Ratio Lower Upper

76 100

78 31.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 262.155 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006808.D

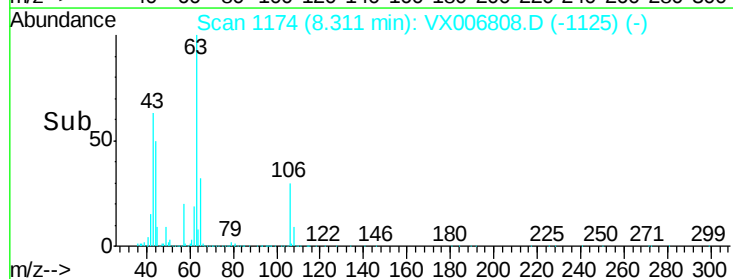
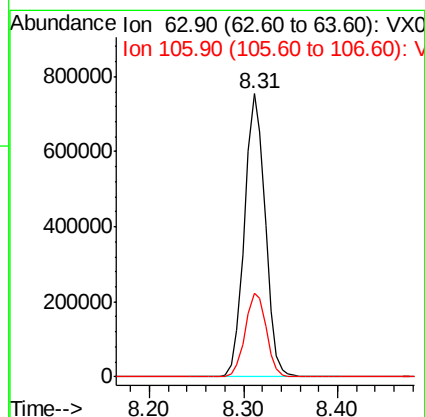
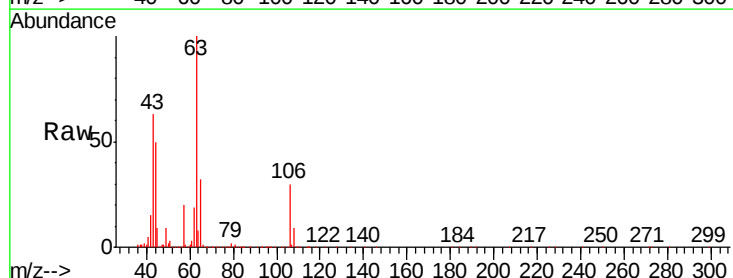
Acq: 26 Dec 2018 10:24

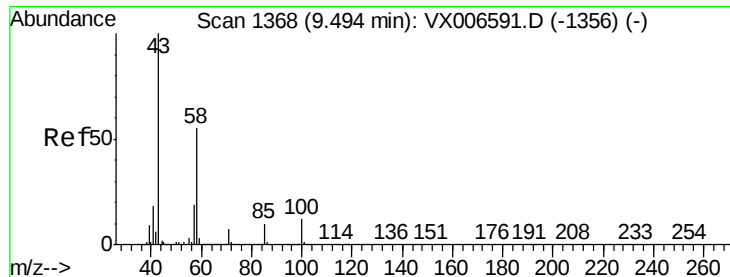
Tgt Ion: 63 Resp: 1158576

Ion Ratio Lower Upper

63 100

106 30.2 24.6 36.8





#59

2-Hexanone

Concen: 303.398 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

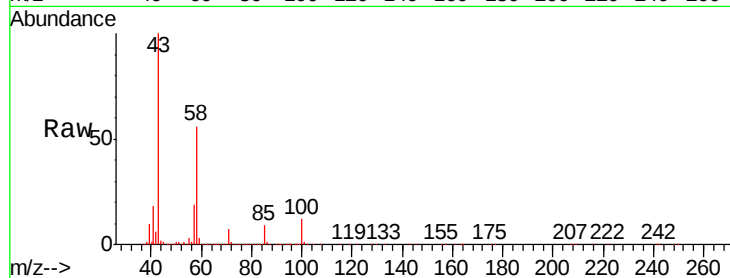
VSTDCCC050

Tgt Ion: 43 Resp: 1711773

Ion Ratio Lower Upper

43 100

58 54.8 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VX006808.D (-1319) (-)

Ion 58.00 (57.70 to 58.70): VX006808.D (-1319) (-)

1500000

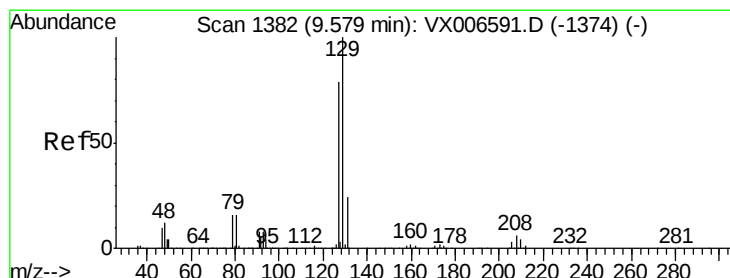
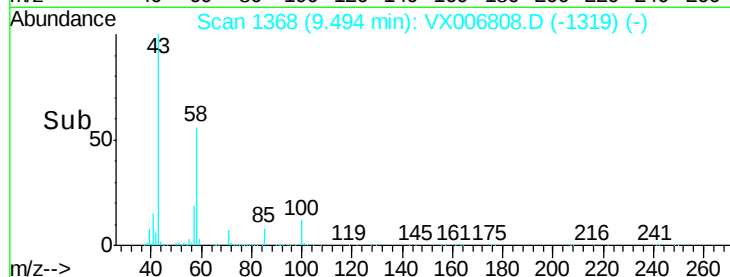
1000000

500000

0

9.40 9.50 9.60

Time-->



#60

Dibromochloromethane

Concen: 55.299 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX006808.D

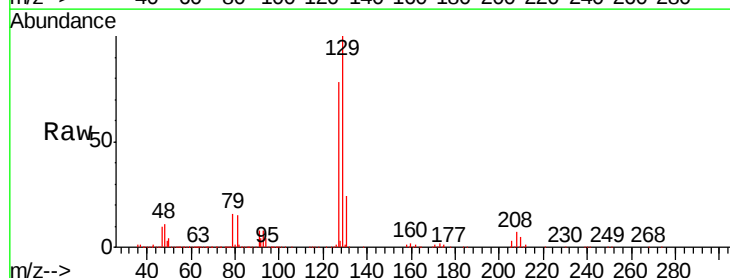
Acq: 26 Dec 2018 10:24

Tgt Ion: 129 Resp: 341807

Ion Ratio Lower Upper

129 100

127 76.5 39.3 117.8



Abundance Ion 128.80 (128.50 to 129.50): VX006808.D (-1333) (-)

Ion 126.80 (126.50 to 127.50): VX006808.D (-1333) (-)

250000

200000

150000

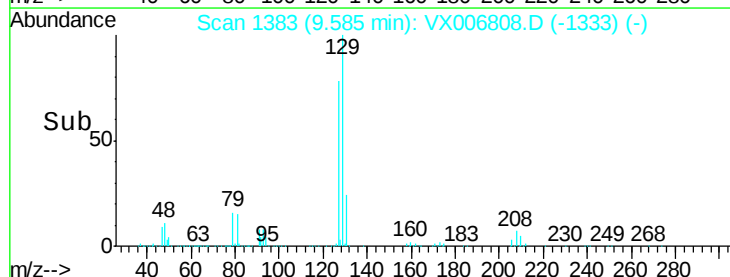
100000

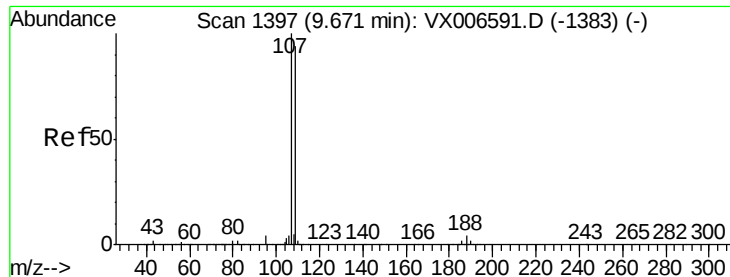
50000

0

9.50 9.60 9.70

Time-->





#61

1,2-Dibromoethane

Concen: 54.881 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

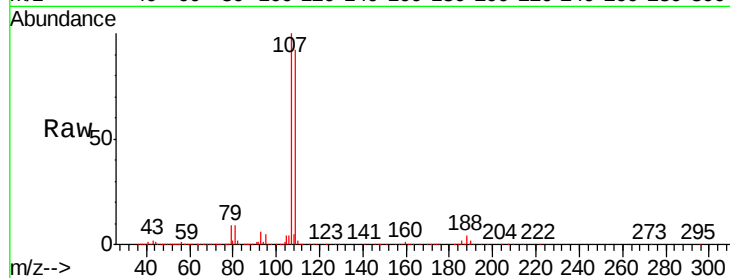
VSTDCCC050

Tgt Ion: 107 Resp: 343179

Ion Ratio Lower Upper

107 100

109 94.0 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

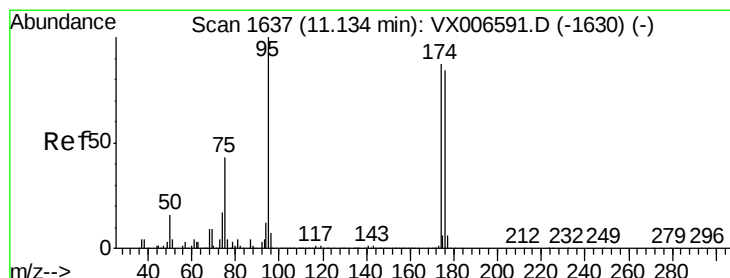
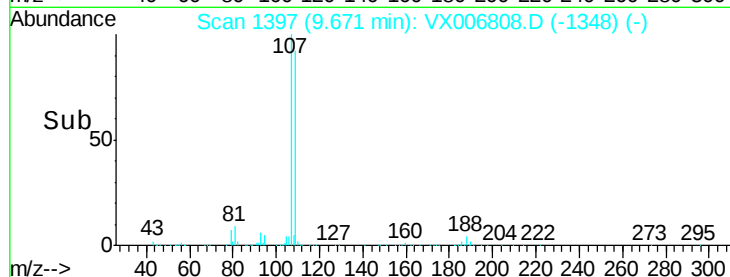
150000

100000

50000

0

Time--> 9.50 9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 53.224 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

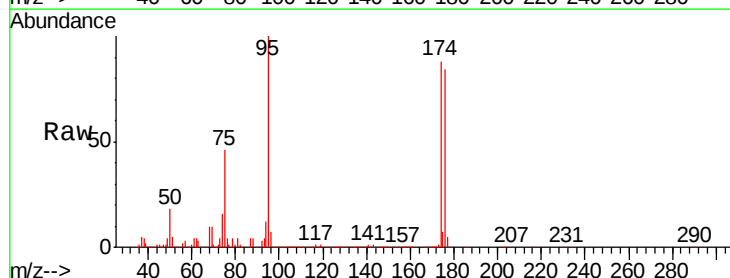
Tgt Ion: 95 Resp: 410634

Ion Ratio Lower Upper

95 100

174 94.3 0.0 182.2

176 91.0 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

400000

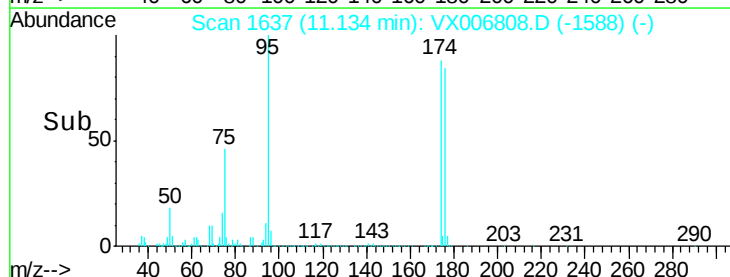
300000

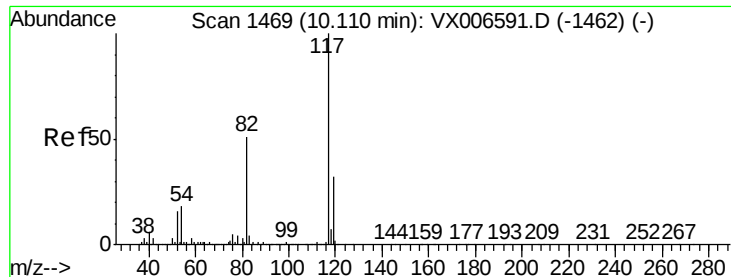
200000

100000

0

Time--> 11.10 11.20

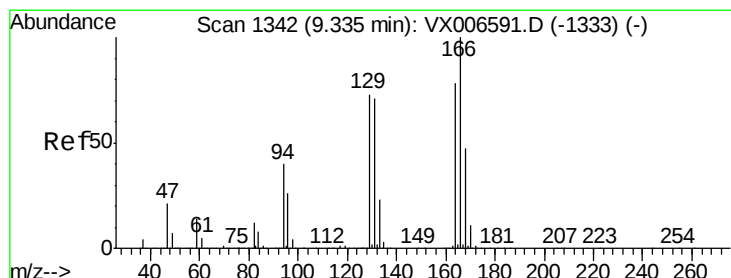
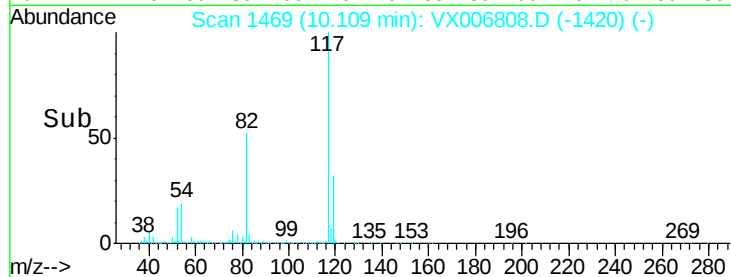
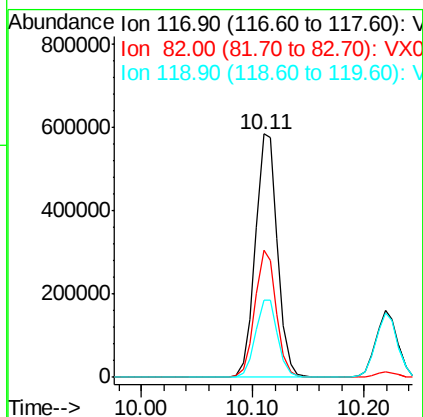
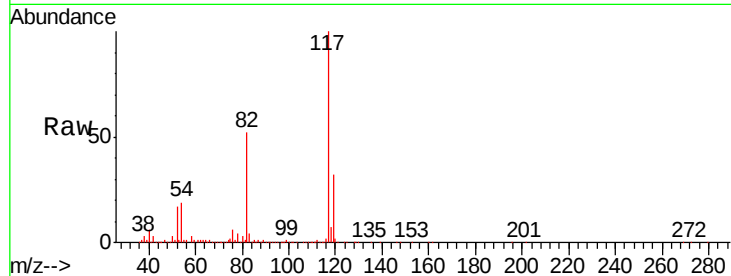




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006808.D
Acq: 26 Dec 2018 10:24

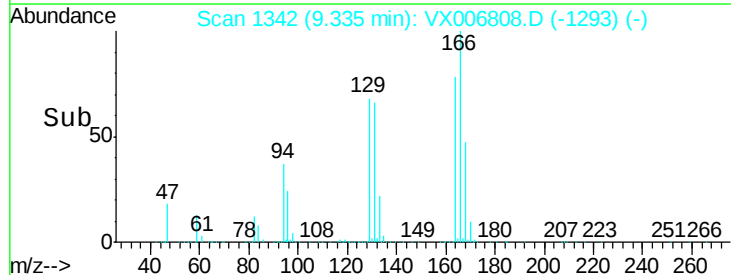
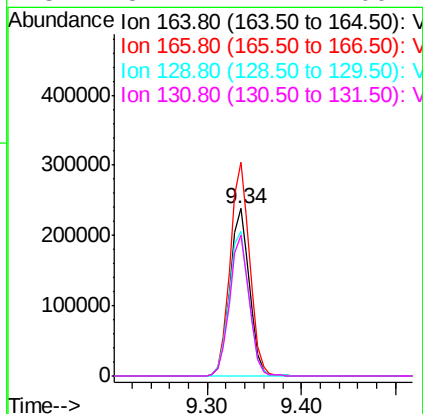
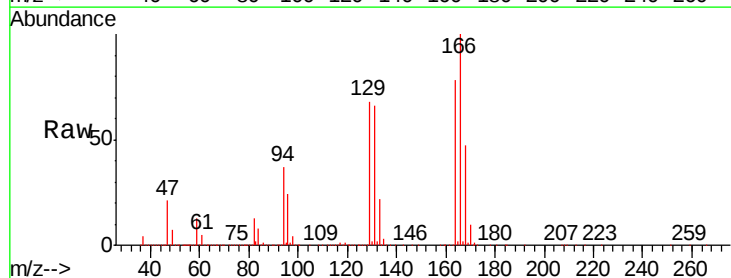
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

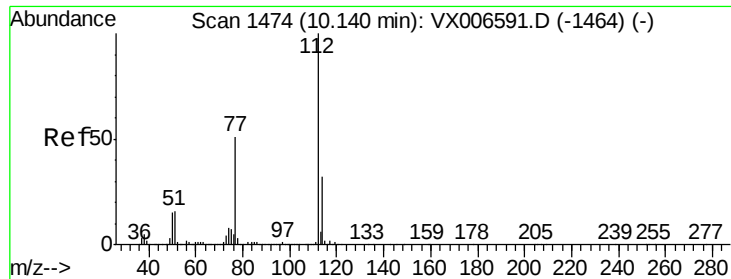
Tgt Ion:117 Resp: 807483
Ion Ratio Lower Upper
117 100
82 52.4 41.0 61.6
119 31.6 25.4 38.0



#64
Tetrachloroethene
Concen: 53.562 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006808.D
Acq: 26 Dec 2018 10:24

Tgt Ion:164 Resp: 342479
Ion Ratio Lower Upper
164 100
166 127.5 102.5 153.7
129 86.7 75.1 112.7
131 84.1 72.7 109.1

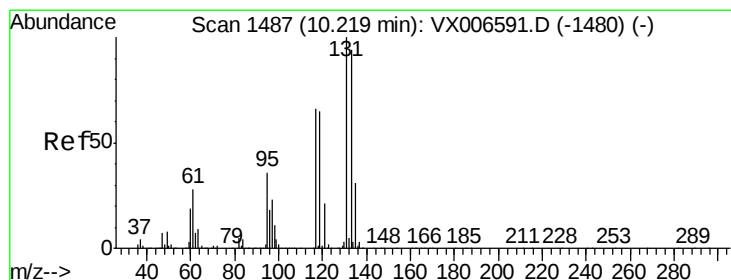
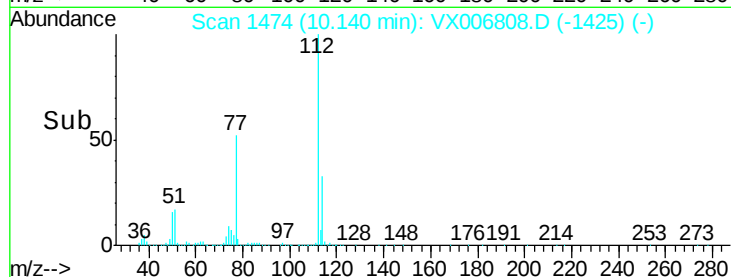
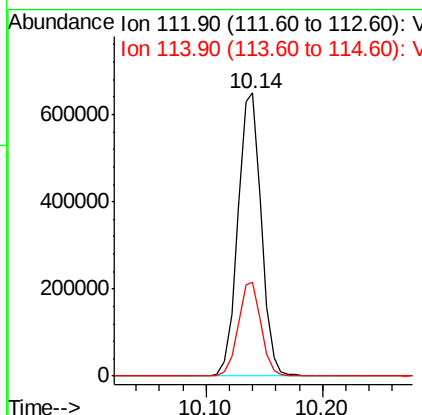
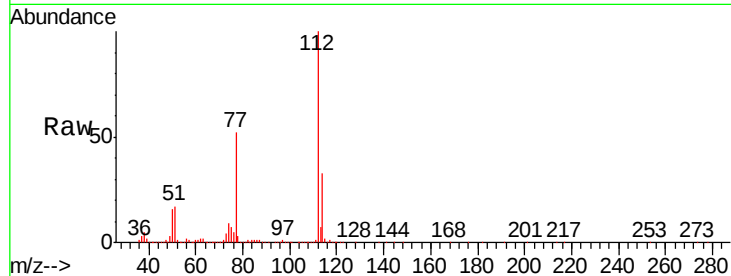




#65
Chlorobenzene
Concen: 53.187 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006808.D
Acq: 26 Dec 2018 10:24

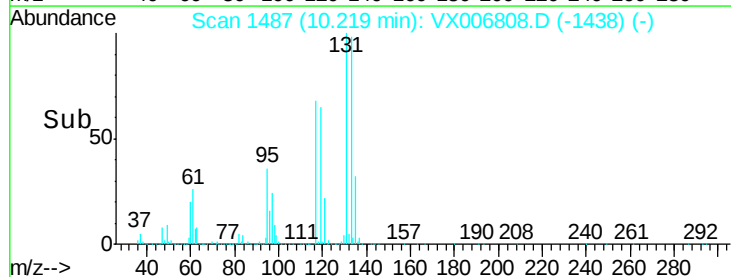
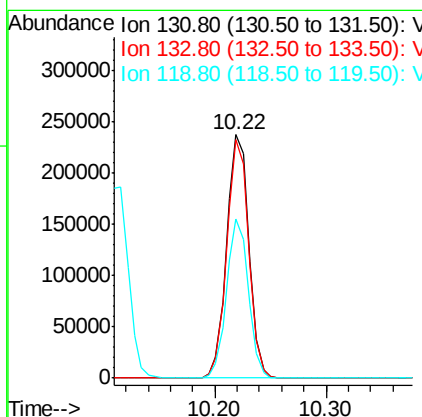
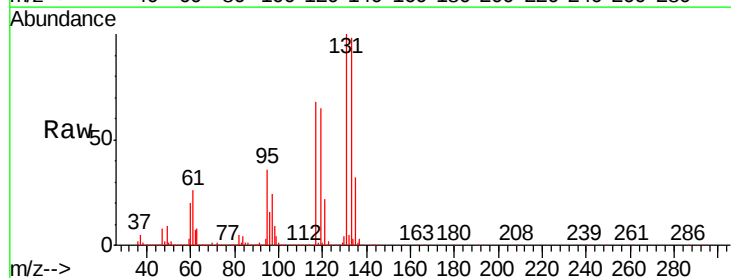
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

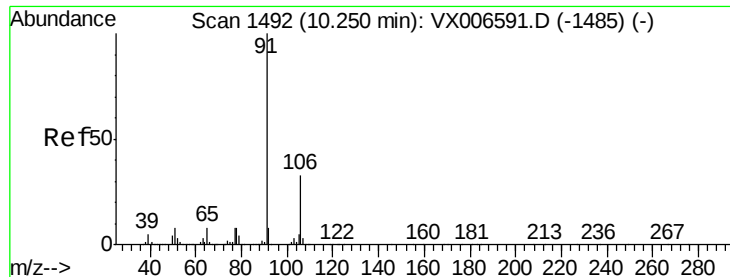
Tgt Ion:112 Resp: 908594
Ion Ratio Lower Upper
112 100
114 33.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 61.293 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006808.D
Acq: 26 Dec 2018 10:24

Tgt Ion:131 Resp: 326680
Ion Ratio Lower Upper
131 100
133 96.5 48.0 144.2
119 64.4 32.6 97.8

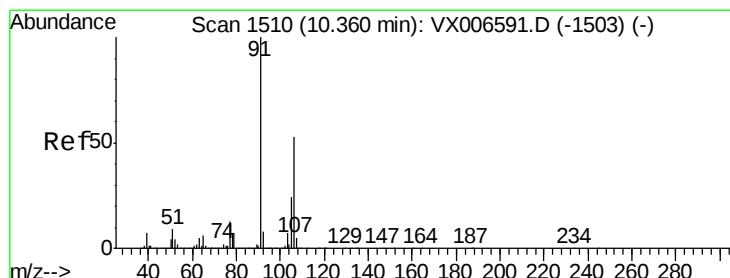
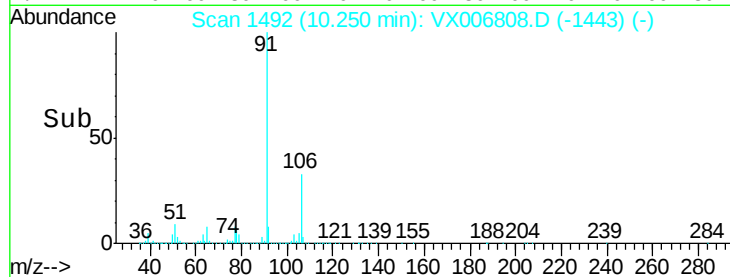
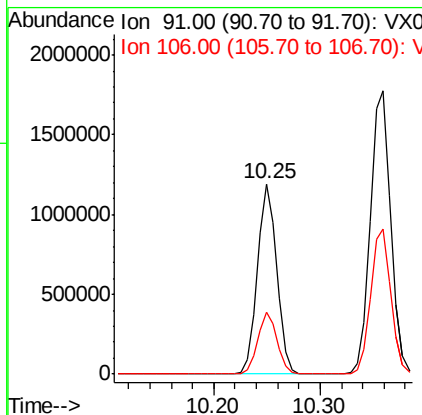
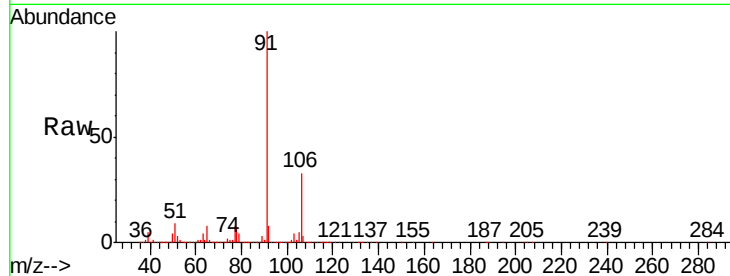




#67
Ethyl Benzene
Concen: 54.591 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006808.D
Acq: 26 Dec 2018 10:24

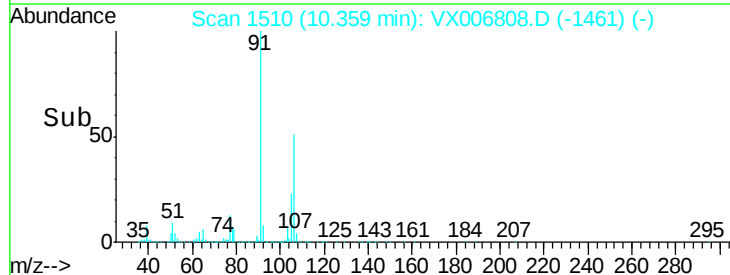
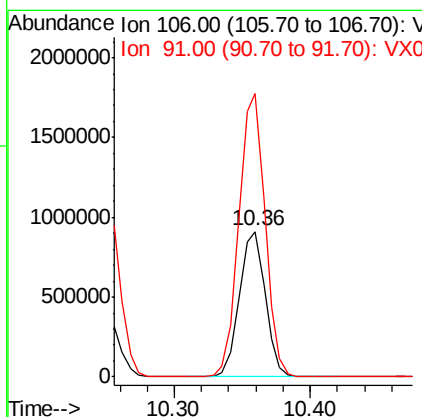
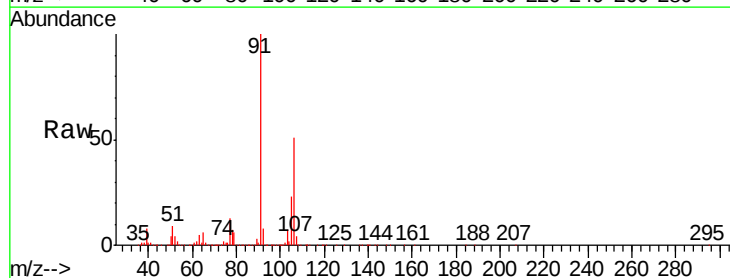
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

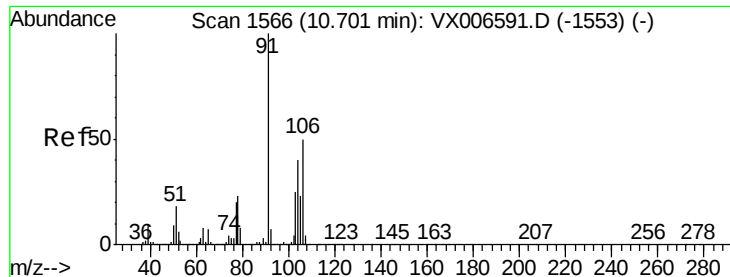
Tgt Ion: 91 Resp: 1523903
Ion Ratio Lower Upper
91 100
106 32.6 26.4 39.6



#68
m/p-Xylenes
Concen: 110.049 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006808.D
Acq: 26 Dec 2018 10:24

Tgt Ion: 106 Resp: 1212197
Ion Ratio Lower Upper
106 100
91 196.3 155.8 233.6

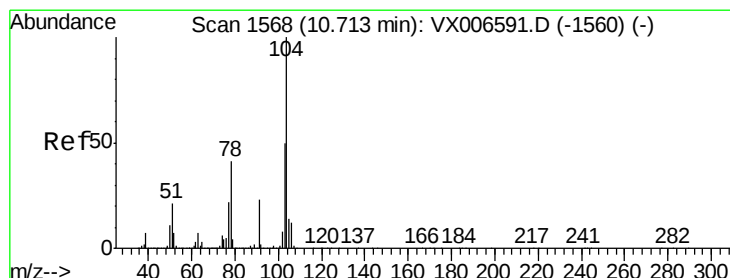
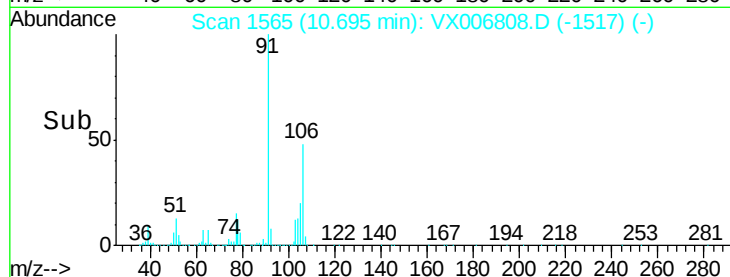
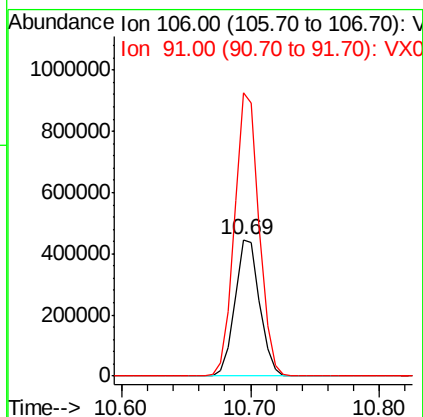
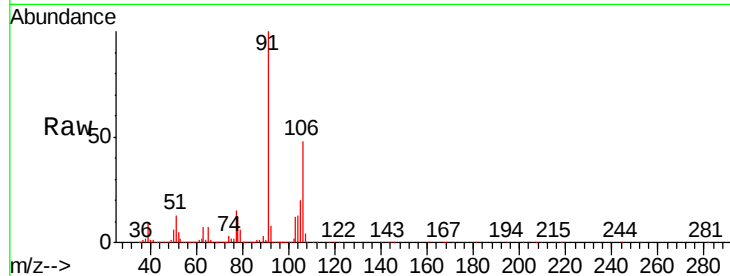




#69
o-Xylene
Concen: 54.842 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006808.D
Acq: 26 Dec 2018 10:24

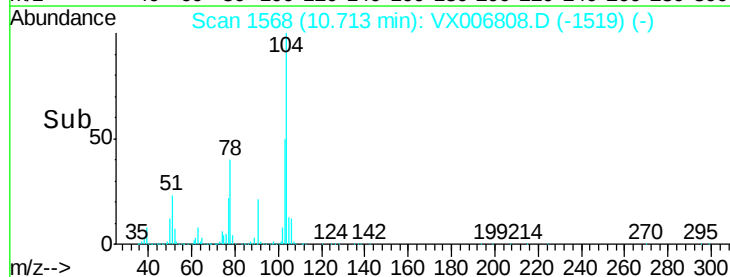
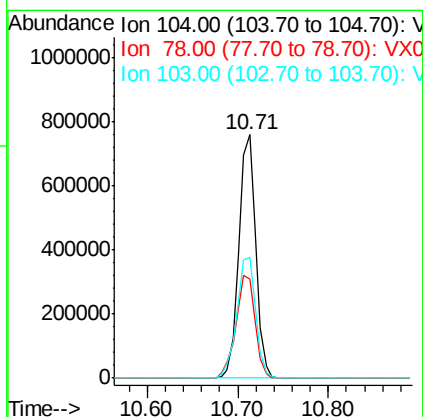
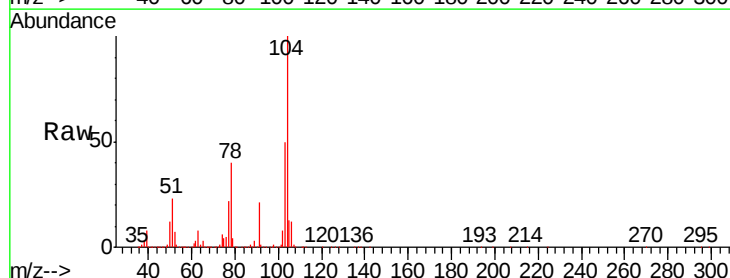
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

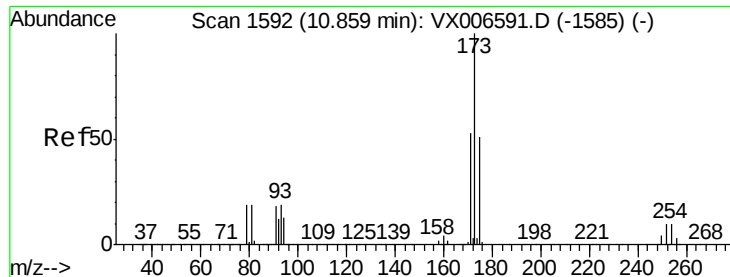
Tgt Ion:106 Resp: 596528
Ion Ratio Lower Upper
106 100
91 205.7 101.3 303.7



#70
Styrene
Concen: 56.956 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006808.D
Acq: 26 Dec 2018 10:24

Tgt Ion:104 Resp: 980127
Ion Ratio Lower Upper
104 100
78 47.9 37.7 56.5
103 55.8 43.8 65.8





#71

Bromoform

Concen: 54.075 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

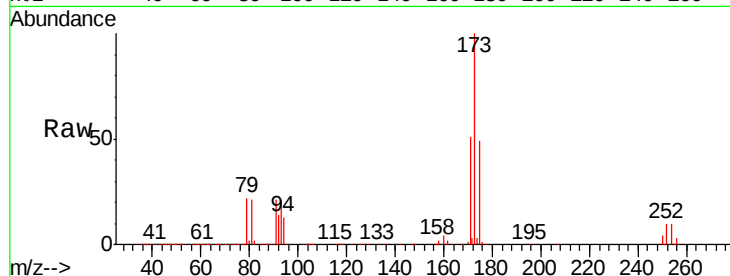
Tgt Ion:173 Resp: 261888

Ion Ratio Lower Upper

173 100

175 49.4 24.7 74.1

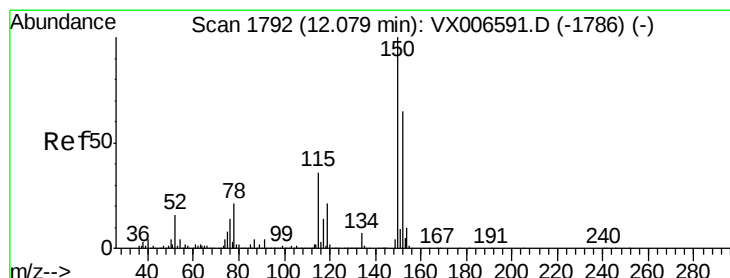
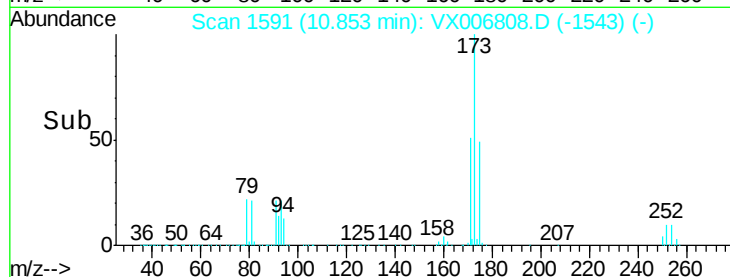
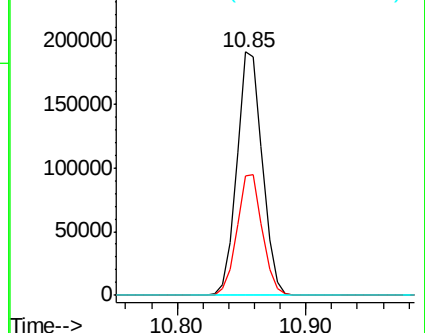
254 0.2 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

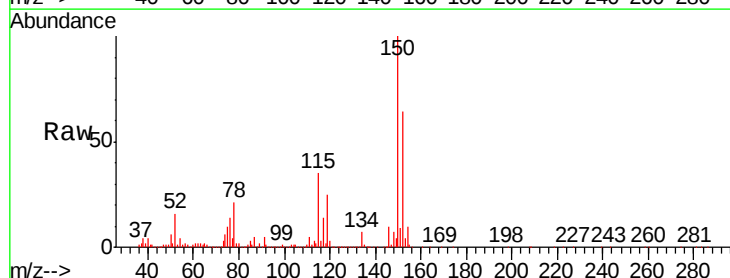
Tgt Ion:152 Resp: 446994

Ion Ratio Lower Upper

152 100

115 80.6 39.1 117.2

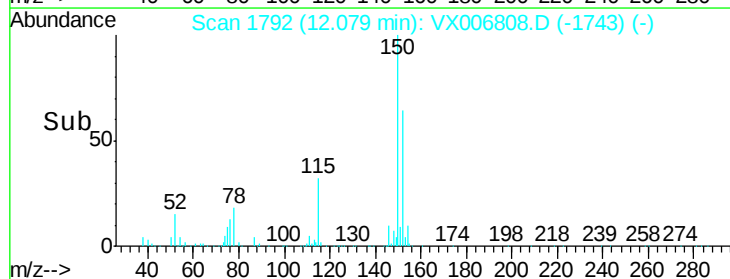
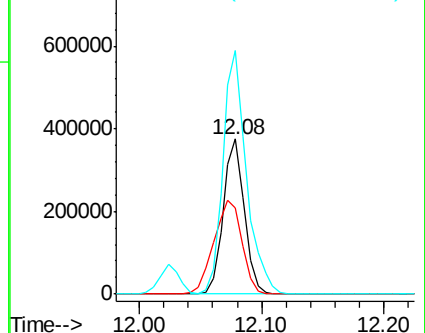
150 175.4 0.0 344.8

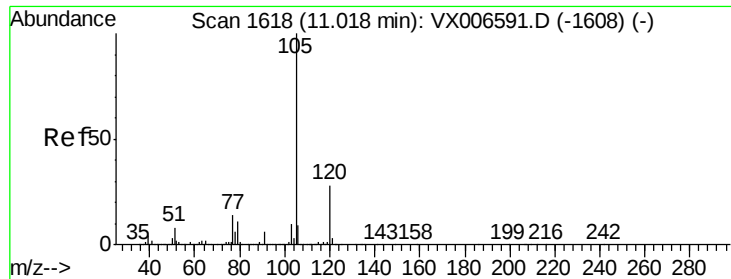


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.164 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

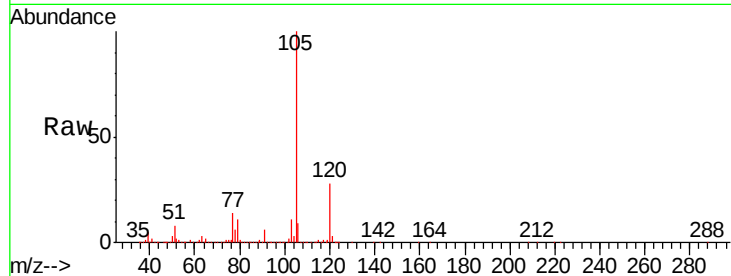
VSTDCCC050

Tgt Ion:105 Resp: 1595170

Ion Ratio Lower Upper

105 100

120 28.0 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

1500000 Ion 120.00 (119.70 to 120.70): V

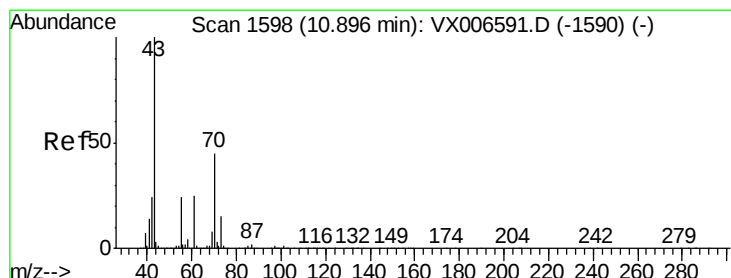
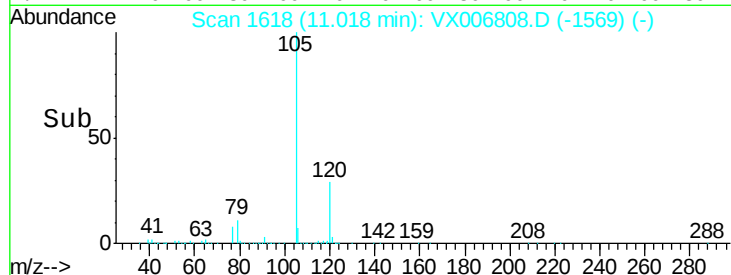
11.02

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 57.897 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

Tgt Ion: 43 Resp: 633727

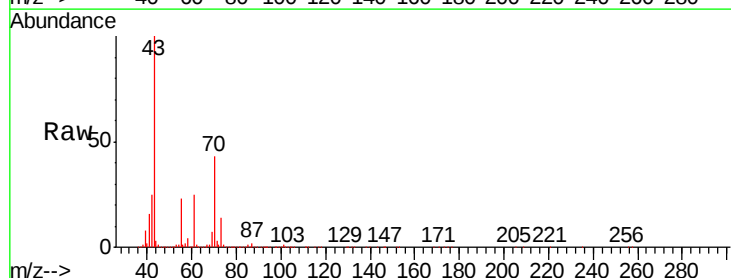
Ion Ratio Lower Upper

43 100

70 42.7 35.8 53.8

55 23.2 19.4 29.0

61 24.6 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

800000

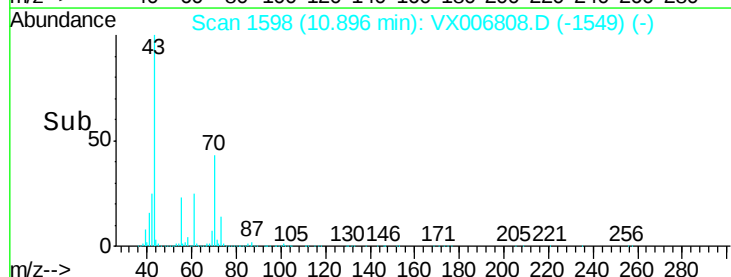
600000

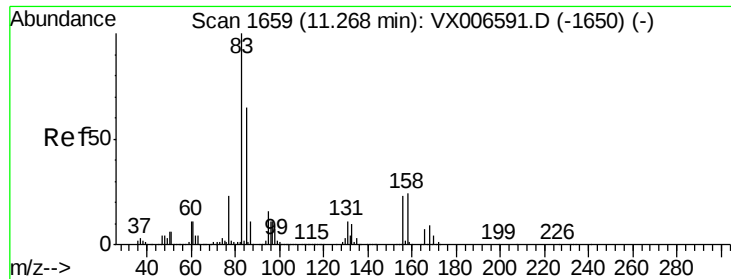
400000

200000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 53.315 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

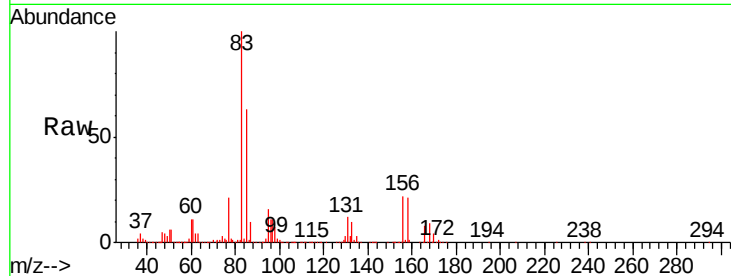
Tgt Ion: 83 Resp: 484874

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.1

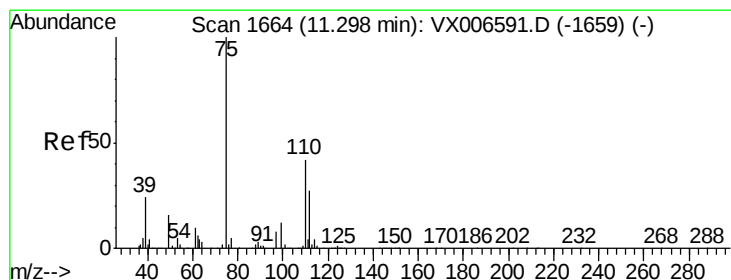
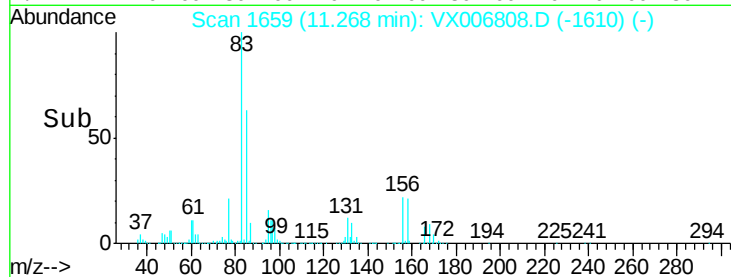
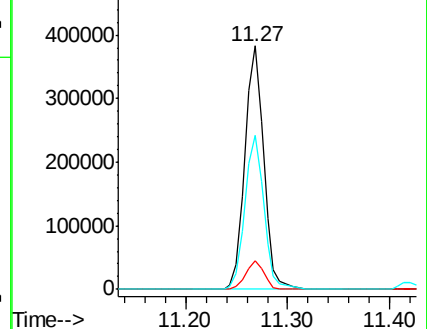
85 63.8 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX006808.D (-1610) (-)

Ion 130.80 (130.50 to 131.50): VX006808.D (-1610) (-)

Ion 84.90 (84.60 to 85.60): VX006808.D (-1610) (-)



#76

1,2,3-Trichloropropane

Concen: 67.098 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006808.D

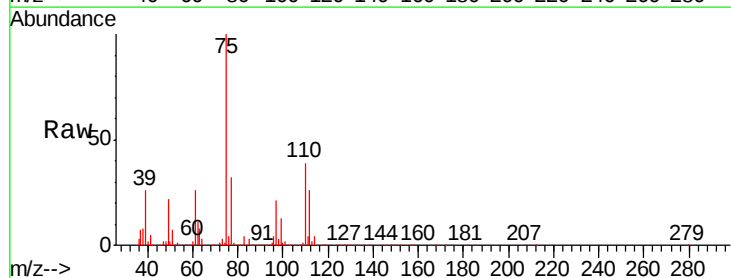
Acq: 26 Dec 2018 10:24

Tgt Ion: 75 Resp: 557383

Ion Ratio Lower Upper

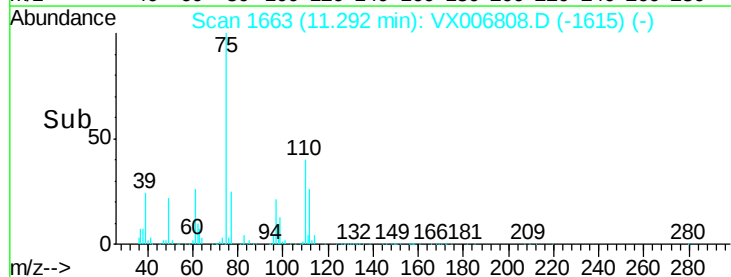
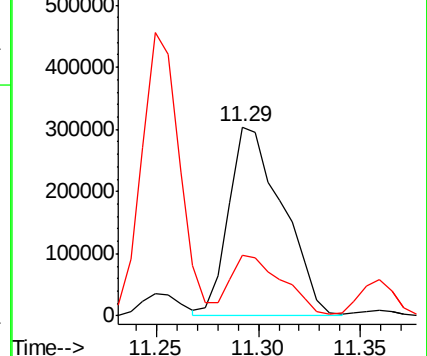
75 100

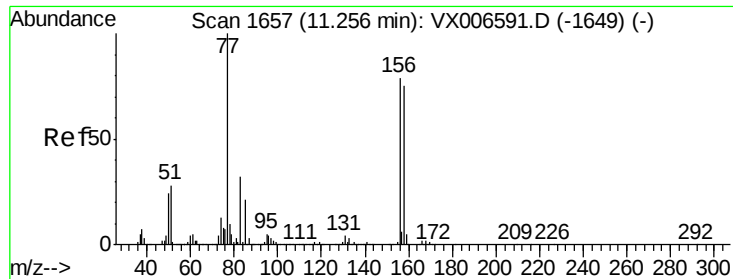
77 32.1 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX006808.D (-1615) (-)

Ion 77.00 (76.70 to 77.70): VX006808.D (-1615) (-)





#77

Bromobenzene

Concen: 52.543 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

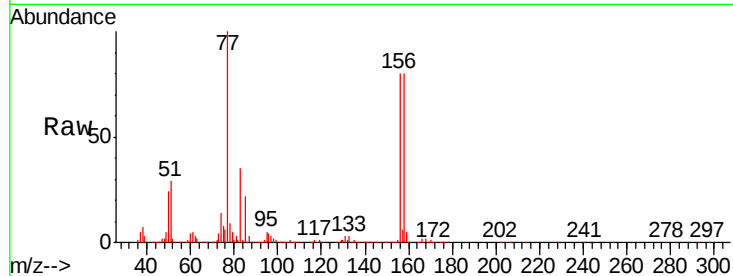
Tgt Ion:156 Resp: 434388

Ion Ratio Lower Upper

156 100

77 134.2 68.0 204.0

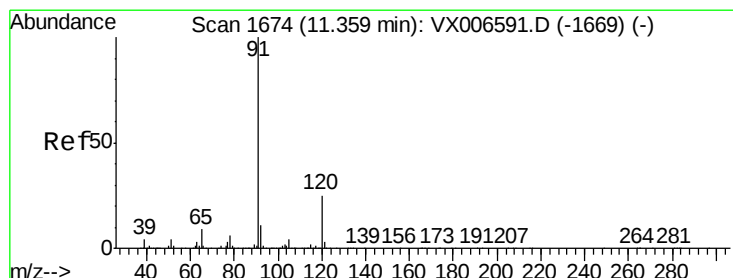
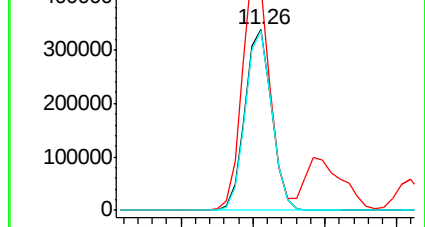
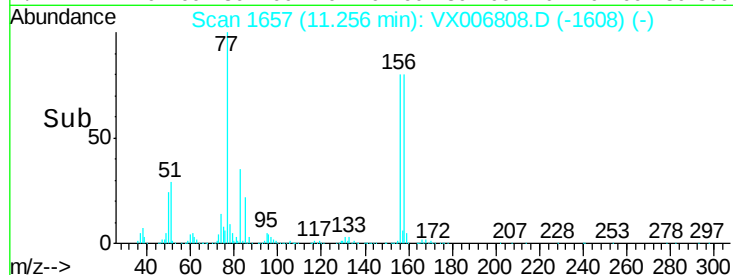
158 98.3 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.378 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006808.D

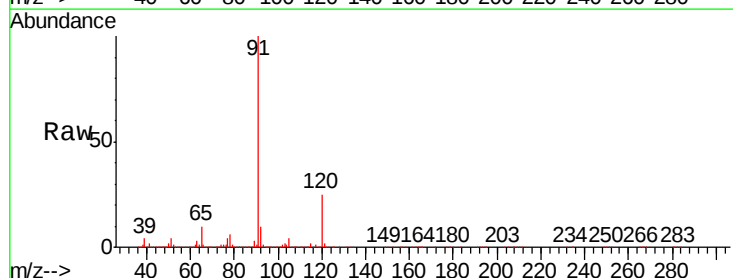
Acq: 26 Dec 2018 10:24

Tgt Ion: 91 Resp: 1831140

Ion Ratio Lower Upper

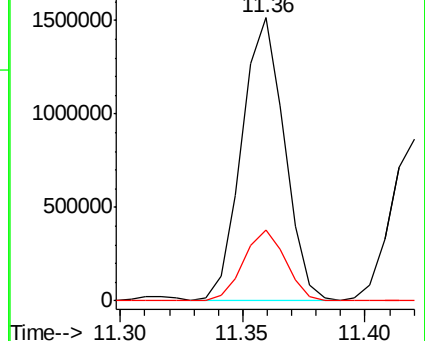
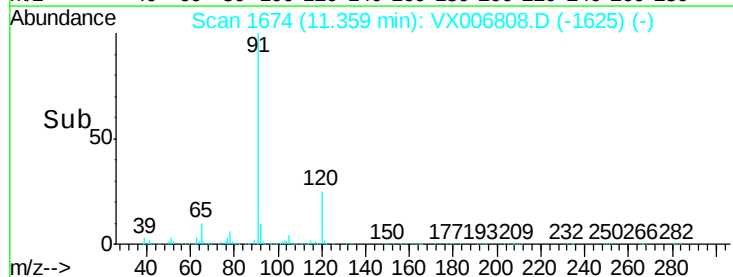
91 100

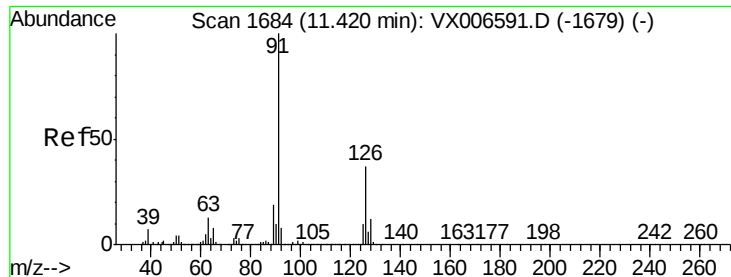
120 24.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.699 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

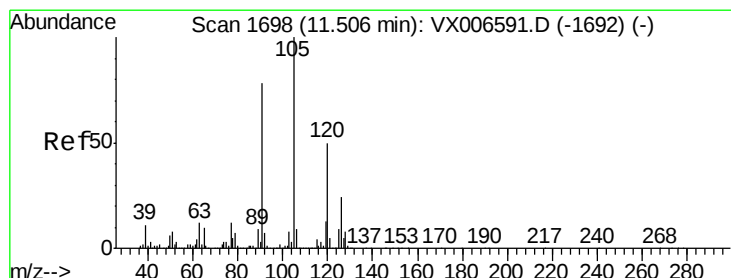
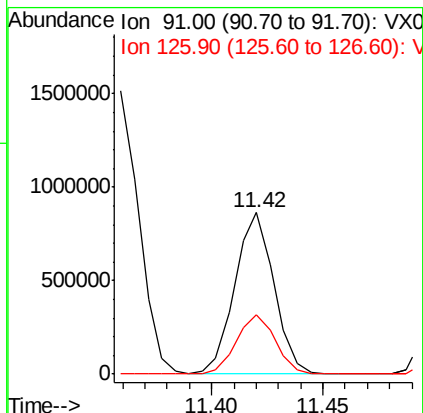
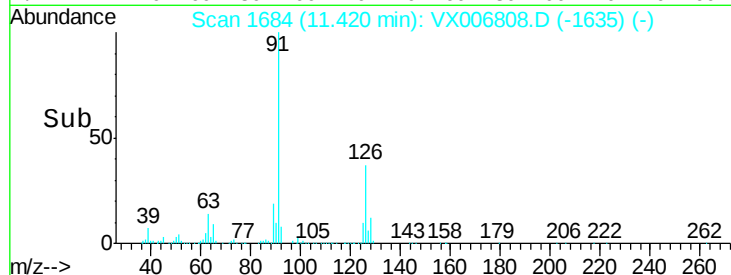
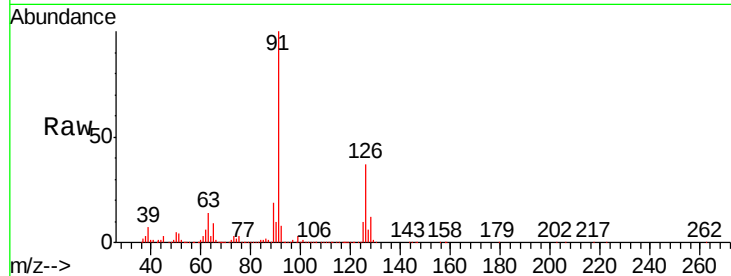
VSTDCCC050

Tgt Ion: 91 Resp: 1055025

Ion Ratio Lower Upper

91 100

126 37.2 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 53.439 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006808.D

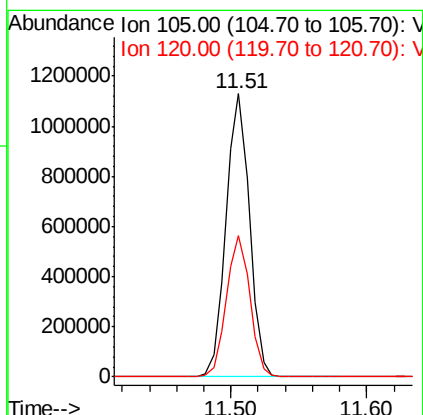
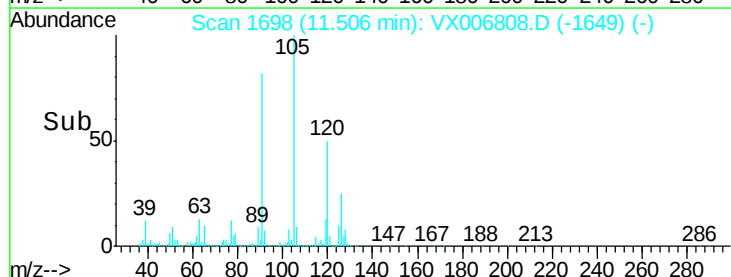
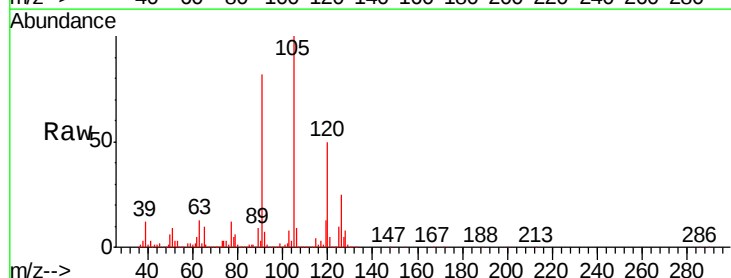
Acq: 26 Dec 2018 10:24

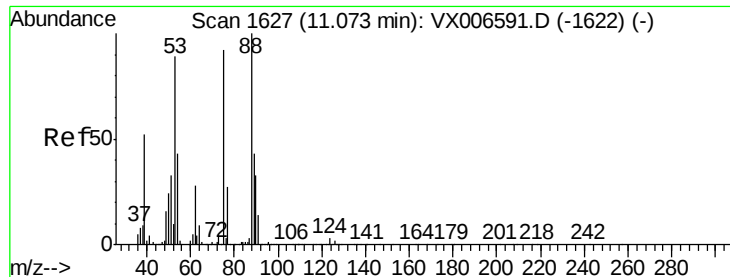
Tgt Ion: 105 Resp: 1345996

Ion Ratio Lower Upper

105 100

120 49.9 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 51.655 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

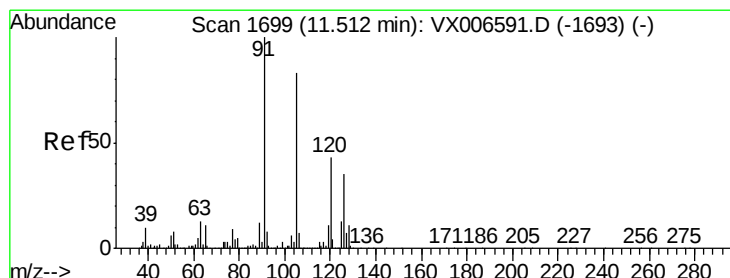
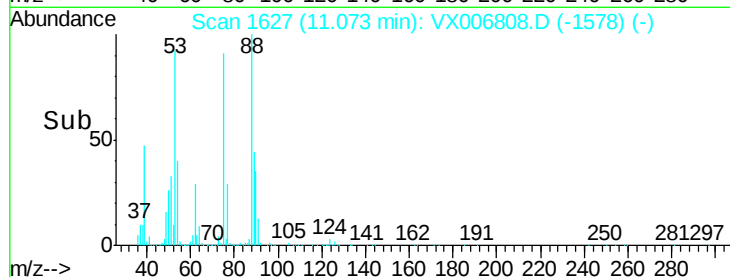
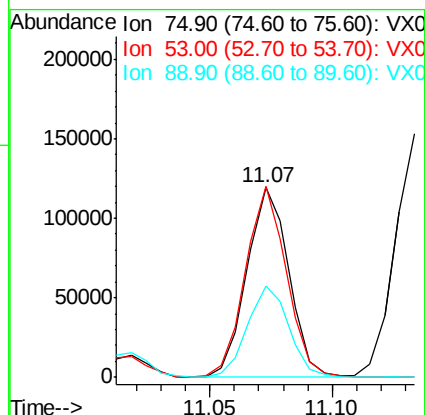
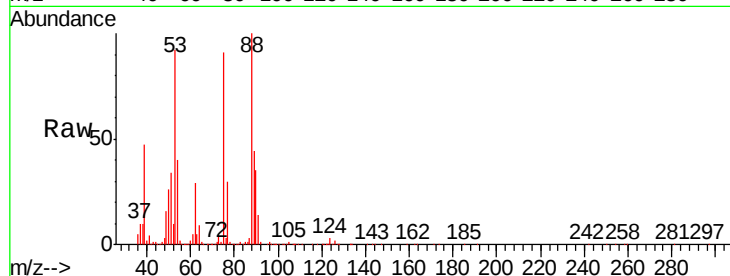
Tgt Ion: 75 Resp: 141418

Ion Ratio Lower Upper

75 100

53 99.7 79.7 119.5

89 48.5 38.0 57.0



#82

4-Chlorotoluene

Concen: 53.502 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006808.D

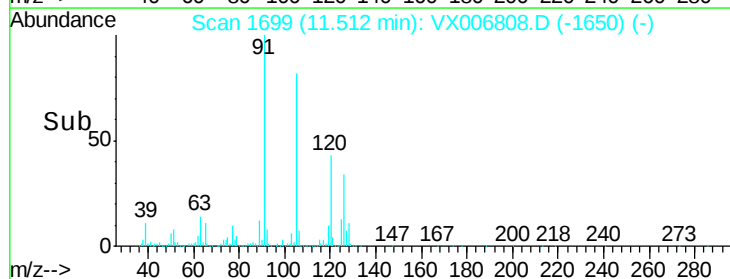
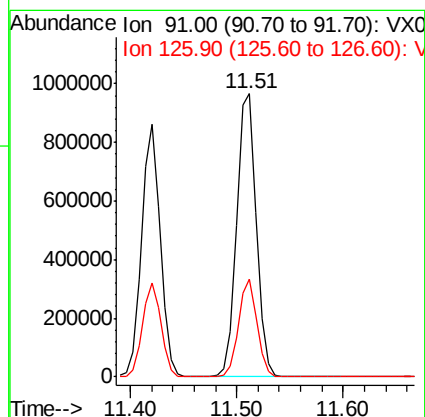
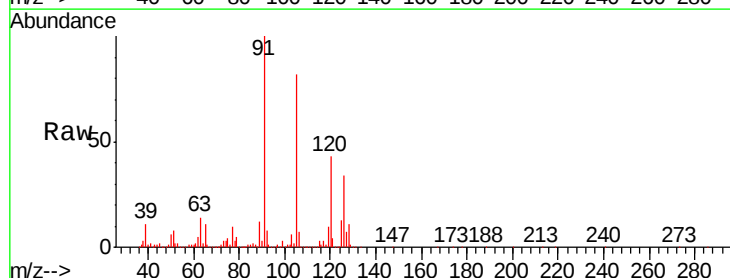
Acq: 26 Dec 2018 10:24

Tgt Ion: 91 Resp: 1252402

Ion Ratio Lower Upper

91 100

126 32.4 16.3 48.9

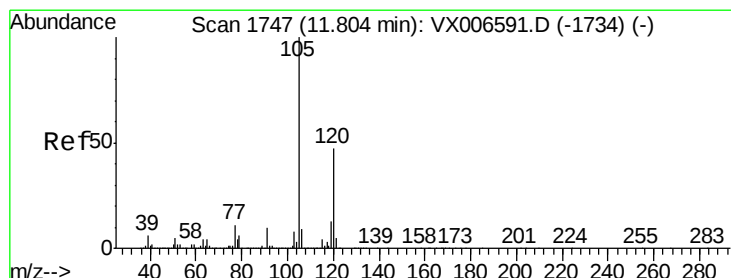
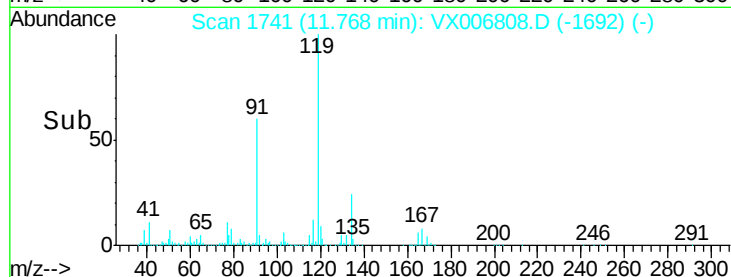
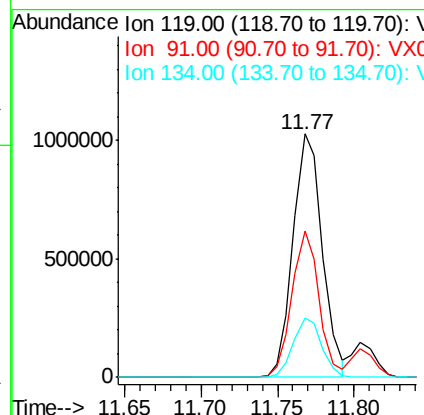
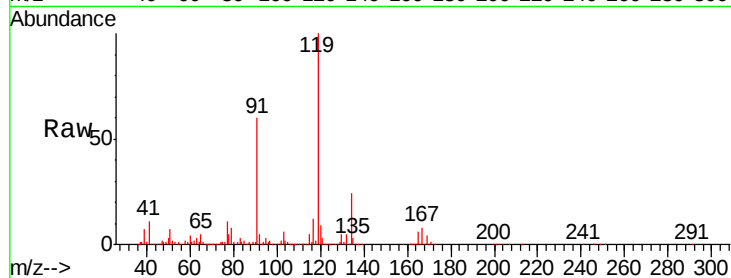




#83
 tert-Butylbenzene
 Concen: 54.039 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX006808.D
 Acq: 26 Dec 2018 10:24

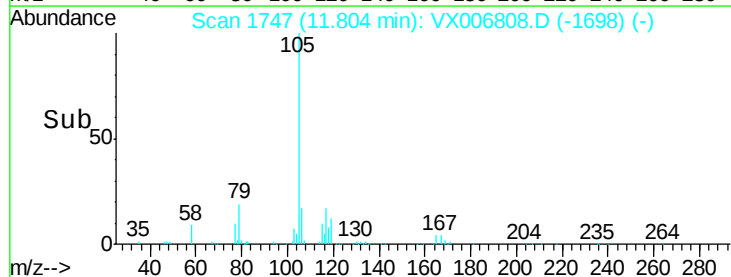
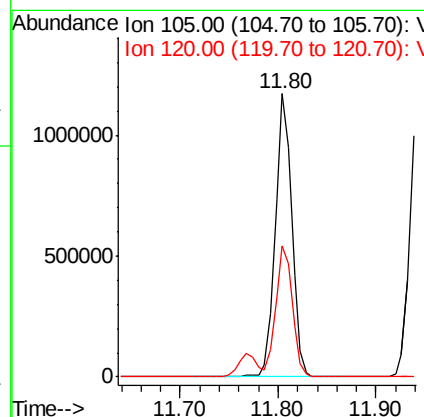
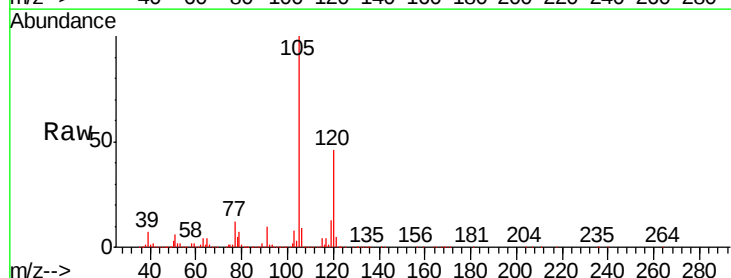
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

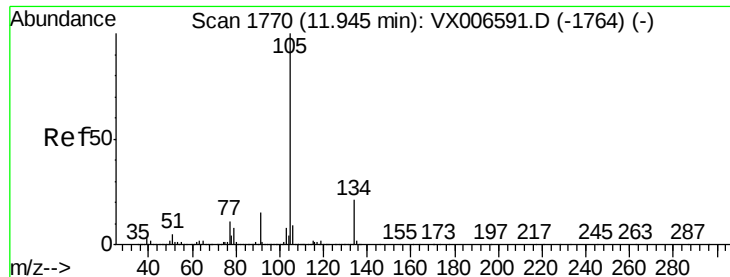
Tgt Ion:119 Resp: 1362245
 Ion Ratio Lower Upper
 119 100
 91 55.9 27.7 83.1
 134 23.8 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 51.659 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006808.D
 Acq: 26 Dec 2018 10:24

Tgt Ion:105 Resp: 1368612
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 54.224 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

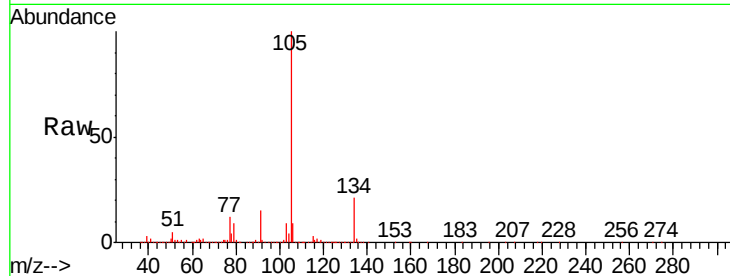
VSTDCCC050

Tgt Ion:105 Resp: 1675912

Ion Ratio Lower Upper

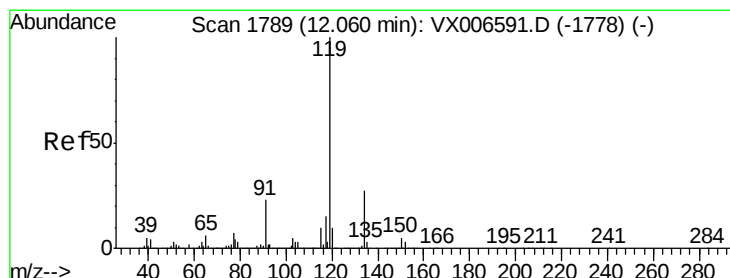
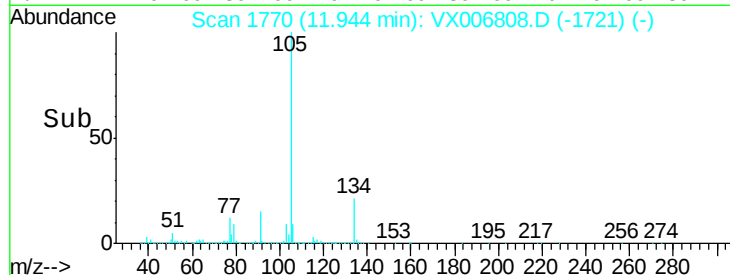
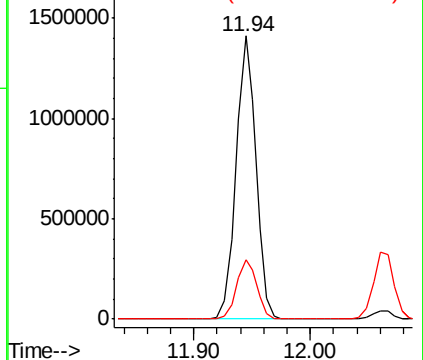
105 100

134 21.4 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.928 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

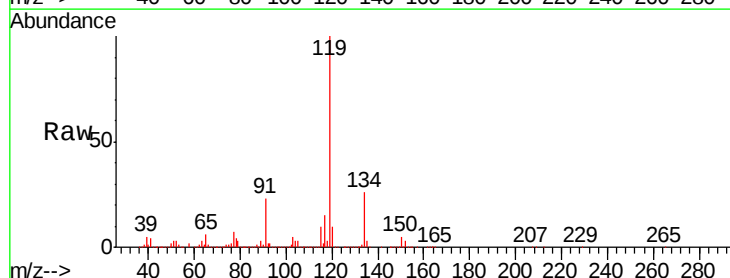
Tgt Ion:119 Resp: 1519502

Ion Ratio Lower Upper

119 100

134 27.1 14.0 41.9

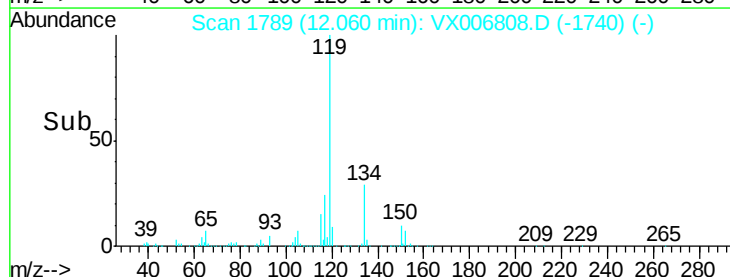
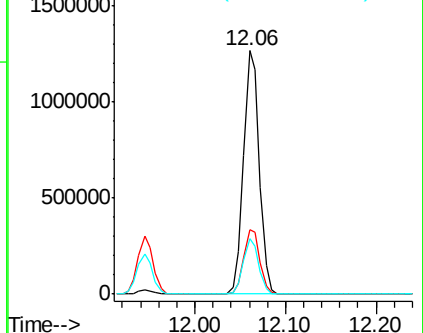
91 22.2 11.3 33.9

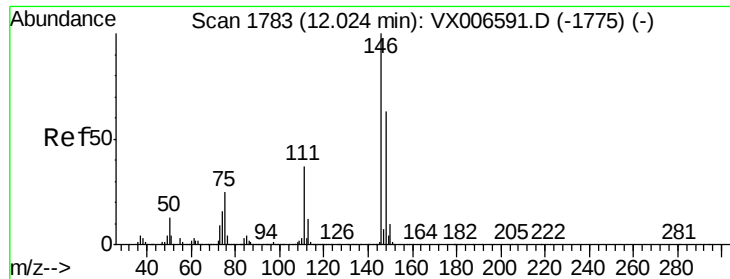


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

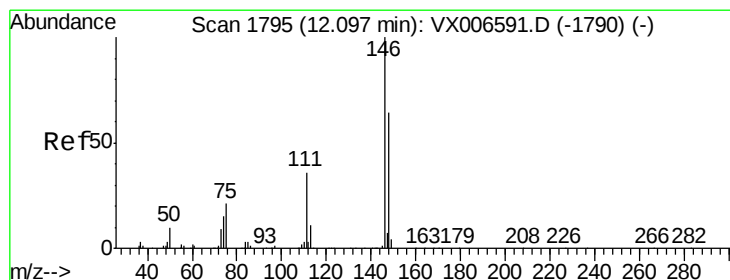
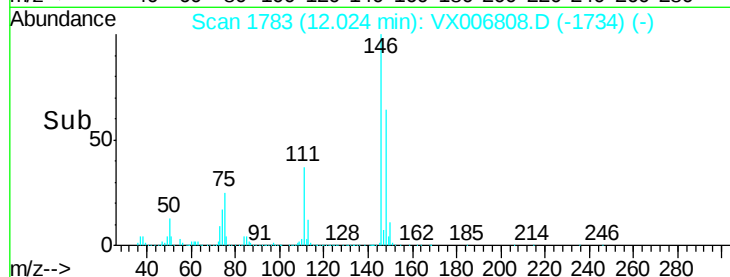
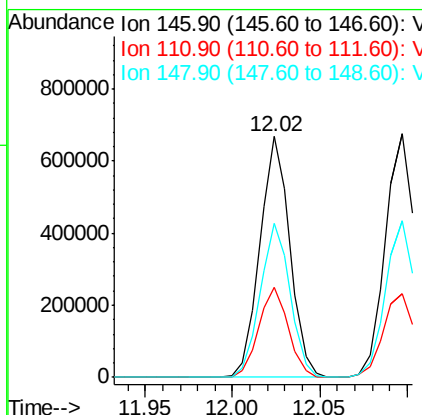
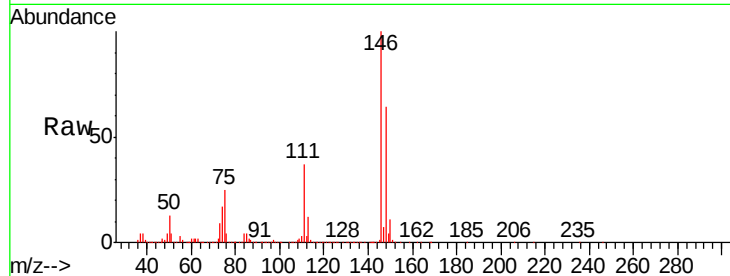




#87
 1,3-Dichlorobenzene
 Concen: 54.050 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006808.D
 Acq: 26 Dec 2018 10:24

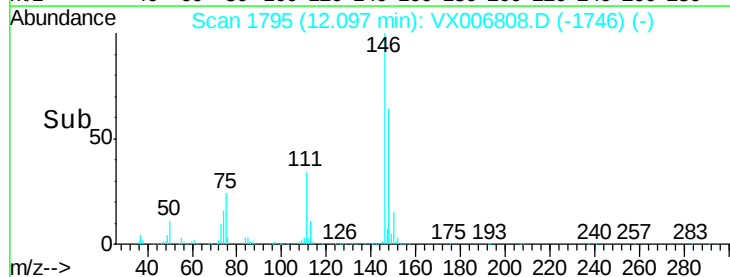
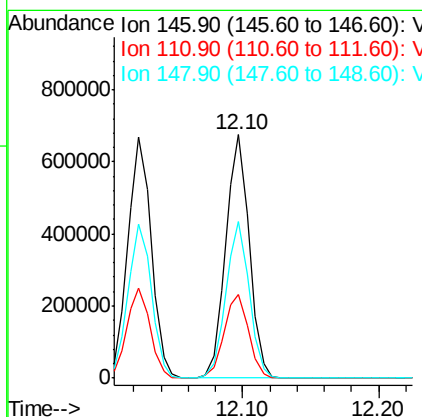
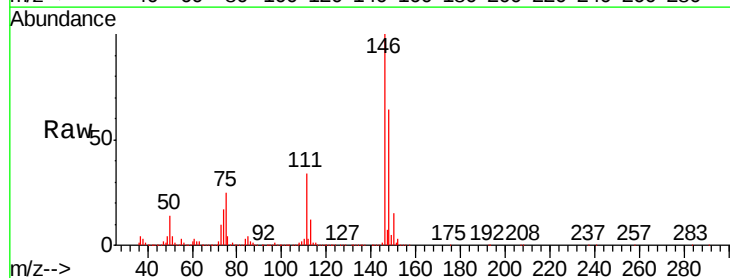
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

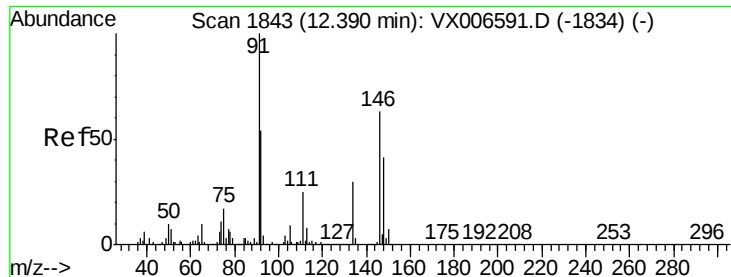
Tgt Ion:146 Resp: 805341
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.6 55.8
 148 63.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 52.727 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006808.D
 Acq: 26 Dec 2018 10:24

Tgt Ion:146 Resp: 805372
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.1 54.1
 148 64.1 31.9 95.9

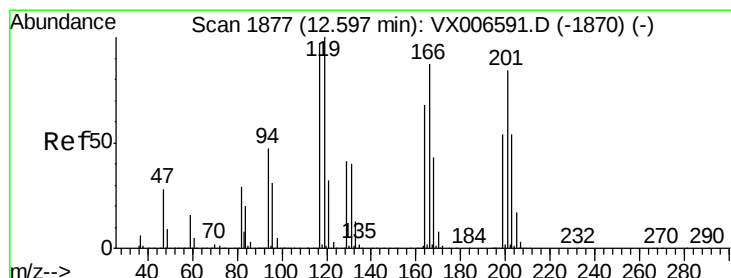
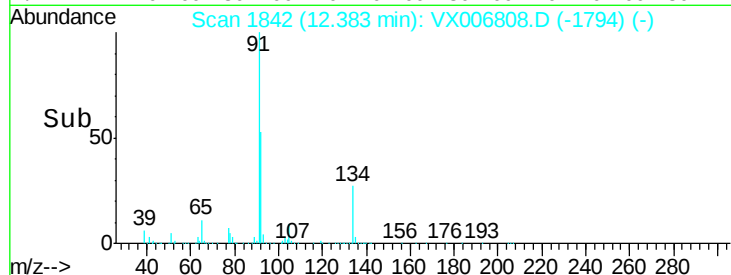
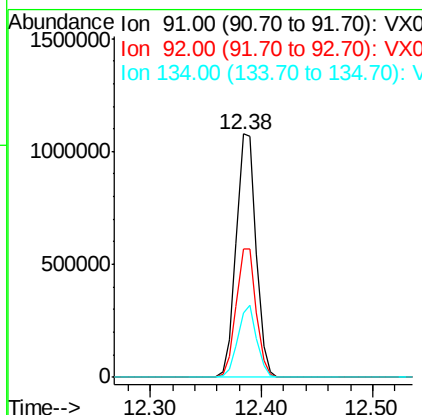
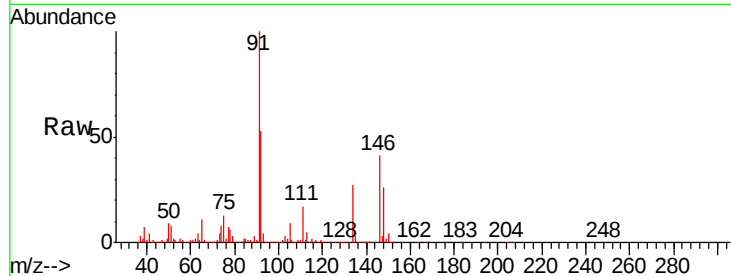




#89
n-Butylbenzene
Concen: 57.609 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006808.D
Acq: 26 Dec 2018 10:24

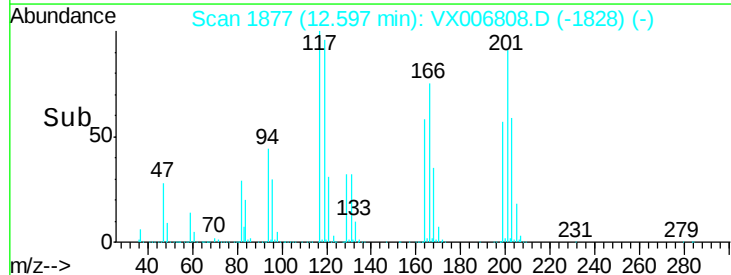
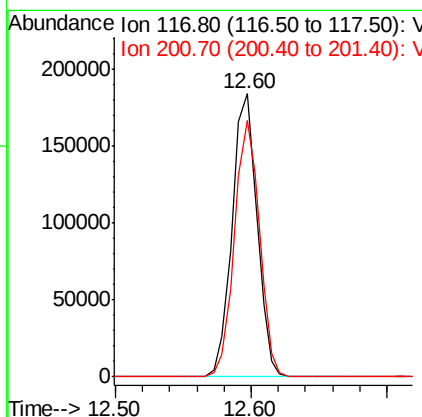
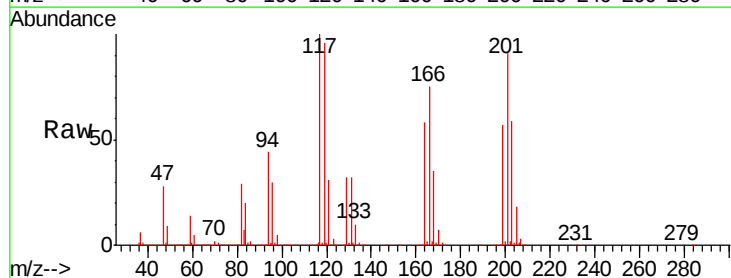
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1332023
Ion Ratio Lower Upper
91 100
92 53.1 26.8 80.4
134 28.1 14.4 43.2



#90
Hexachloroethane
Concen: 55.031 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006808.D
Acq: 26 Dec 2018 10:24

Tgt Ion: 117 Resp: 235502
Ion Ratio Lower Upper
117 100
201 90.6 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 52.544 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

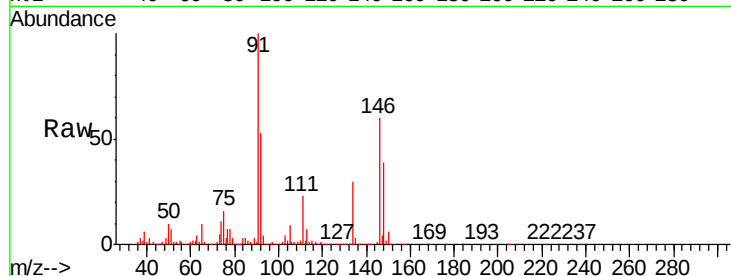
Tgt Ion:146 Resp: 783163

Ion Ratio Lower Upper

146 100

111 38.0 19.4 58.2

148 63.9 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

800000

600000

400000

200000

0

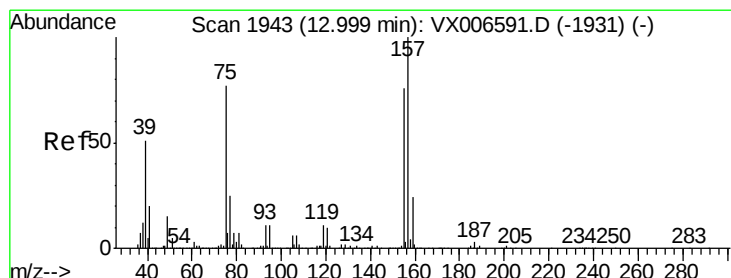
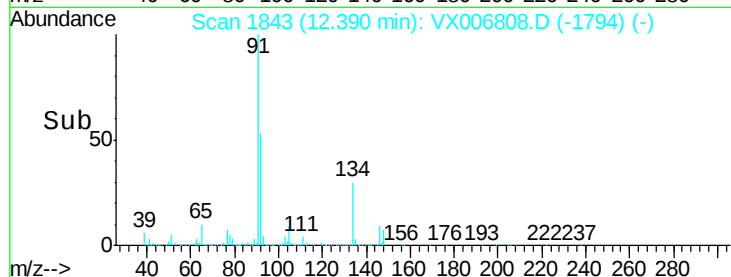
12.39

12.30

12.40

12.50

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.359 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006808.D

Acq: 26 Dec 2018 10:24

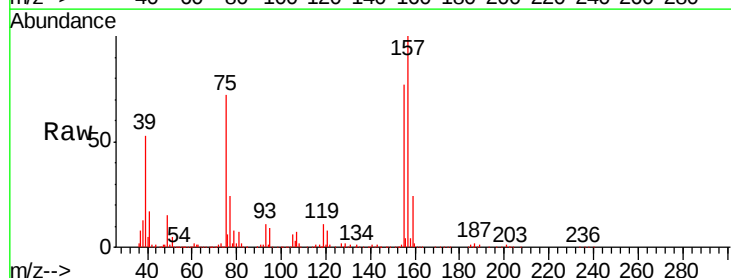
Tgt Ion: 75 Resp: 100409

Ion Ratio Lower Upper

75 100

155 103.0 50.6 151.8

157 135.8 64.6 193.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

150000

100000

50000

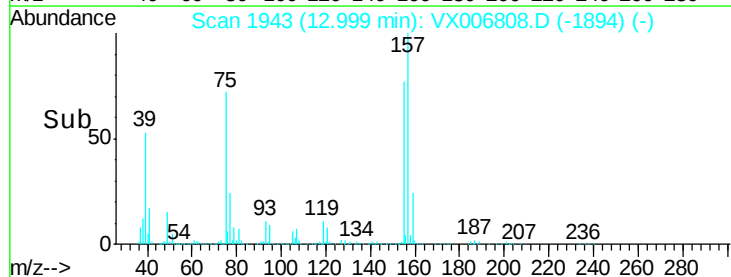
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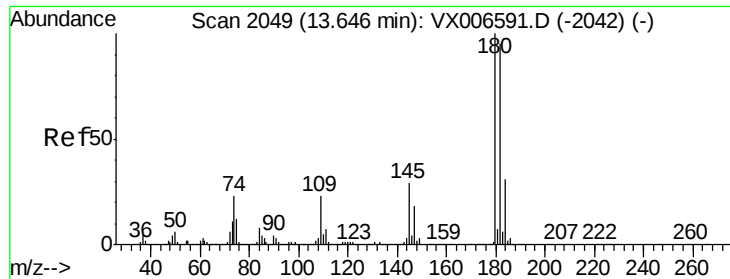
13.00

12.95

13.05

Time-->

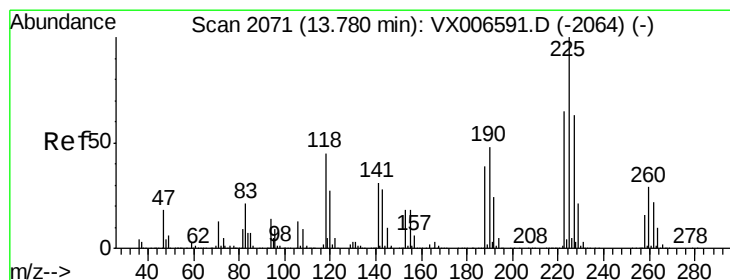
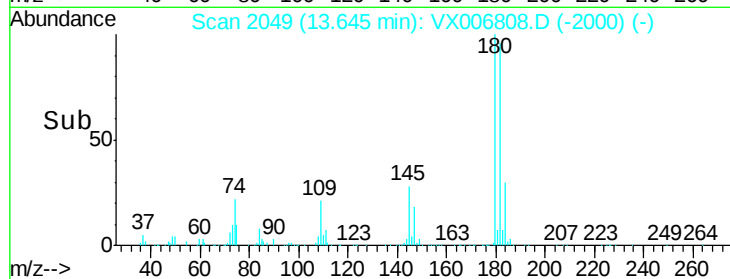
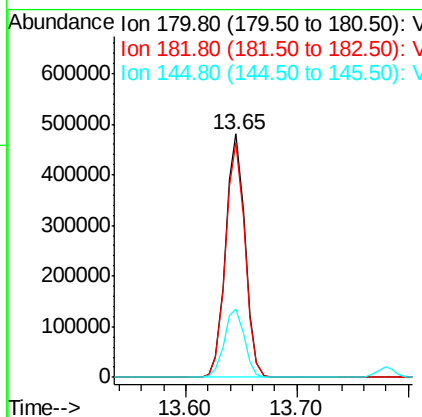
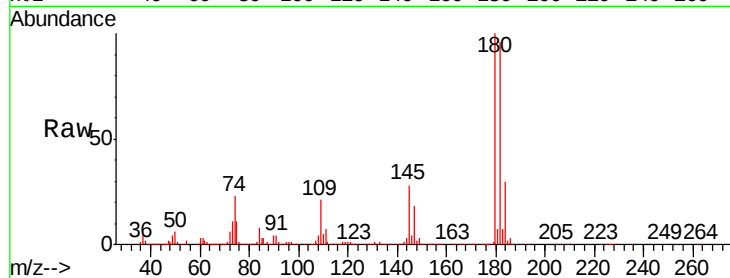




#93
 1,2,4-Trichlorobenzene
 Concen: 56.330 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006808.D
 Acq: 26 Dec 2018 10:24

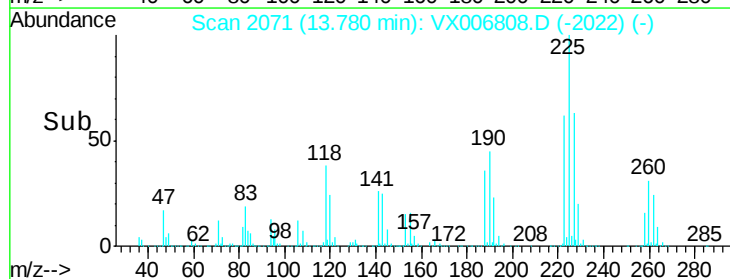
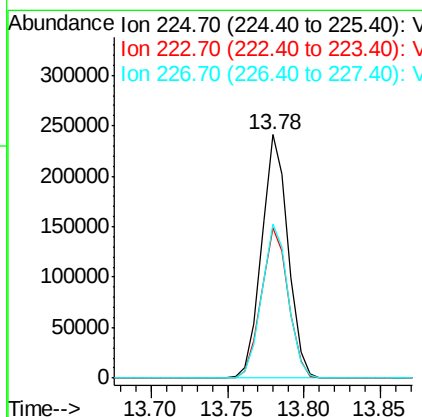
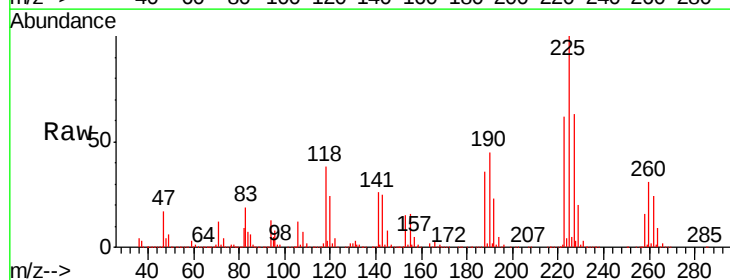
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 579149
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.3 142.0
 145 28.9 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 60.002 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006808.D
 Acq: 26 Dec 2018 10:24

Tgt Ion:225 Resp: 290776
 Ion Ratio Lower Upper
 225 100
 223 63.0 32.1 96.3
 227 63.2 32.3 96.8

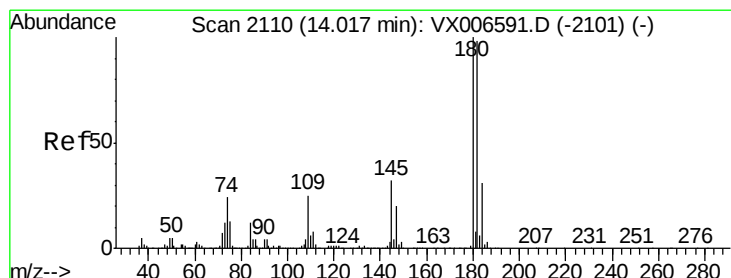
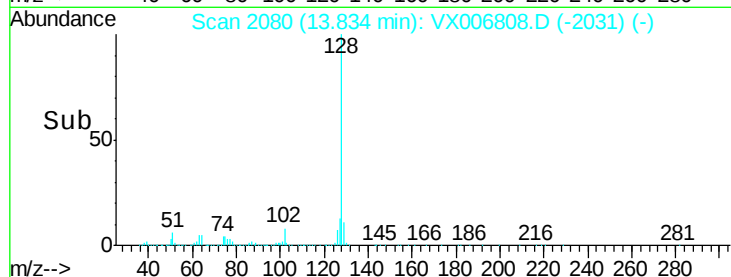
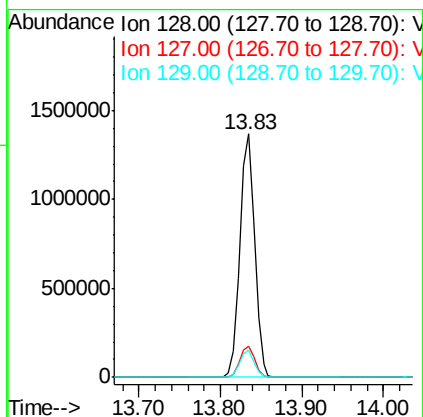
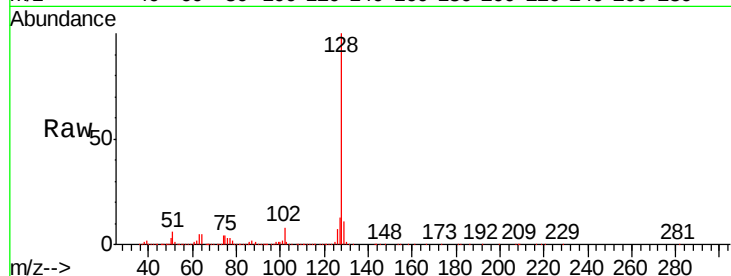




#95
Naphthalene
Concen: 51.314 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006808.D
Acq: 26 Dec 2018 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1683845
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.126 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX006808.D
Acq: 26 Dec 2018 10:24

Tgt Ion:180 Resp: 574575
Ion Ratio Lower Upper
180 100
182 95.1 48.5 145.5
145 30.1 16.0 47.9

