

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122418\
 Data File : VX006806.D
 Acq On : 24 Dec 2018 20:11
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 25 01:26:47 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	5.67	168	604086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	892094	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	817567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	420080	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	321946	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
35) Dibromofluoromethane	5.50	113	293165	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
50) Toluene-d8	8.71	98	1093408	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
62) 4-Bromofluorobenzene	11.13	95	396413	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	243189	44.006	ug/l	99
3) Chloromethane	1.33	50	264096	44.358	ug/l	99
4) Vinyl Chloride	1.41	62	292164	46.985	ug/l	100
5) Bromomethane	1.64	94	272063	46.761	ug/l	98
6) Chloroethane	1.71	64	191580	44.496	ug/l	98
7) Trichlorofluoromethane	1.93	101	469771	48.457	ug/l	98
8) Diethyl Ether	2.19	74	187293	48.640	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	277075	48.676	ug/l	99
10) Methyl Iodide	2.51	142	432026	53.021	ug/l	100
11) Tert butyl alcohol	3.07	59	348816	240.069	ug/l	99
12) 1,1-Dichloroethene	2.37	96	256146	47.458	ug/l	99
13) Acrolein	2.30	56	249055	254.088	ug/l	97
14) Allyl chloride	2.73	41	453774	49.948	ug/l	99
15) Acrylonitrile	3.15	53	832698	258.115	ug/l	99
16) Acetone	2.45	43	684243	228.755	ug/l	99
17) Carbon Disulfide	2.57	76	574723	40.237	ug/l	99
18) Methyl Acetate	2.78	43	500679	56.925	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	942490	52.612	ug/l	98
20) Methylene Chloride	2.85	84	296485	47.935	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	277130	46.341	ug/l	99
22) Diisopropyl ether	3.87	45	875900	52.700	ug/l	97
23) Vinyl Acetate	3.82	43	3524034	259.215	ug/l	99
24) 1,1-Dichloroethane	3.70	63	480775	48.457	ug/l	99
25) 2-Butanone	4.70	43	1034267	245.818	ug/l	99
26) 2,2-Dichloropropane	4.58	77	333908	43.568	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	318575	48.283	ug/l	98
28) Bromochloromethane	5.02	49	225094	53.966	ug/l	99
29) Tetrahydrofuran	5.15	42	704133	254.093	ug/l	97
30) Chloroform	5.21	83	503496	49.005	ug/l	99
31) Cyclohexane	5.57	56	419347	46.524	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	431272	49.711	ug/l	99
36) 1,1-Dichloropropene	5.80	75	364136	49.284	ug/l	100
37) Ethyl Acetate	4.85	43	404690	52.624	ug/l	99
38) Carbon Tetrachloride	5.78	117	360425	50.195	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	460844	47.376	ug/l	96
40) Benzene	6.14	78	1130219	50.324	ug/l	97
41) Methacrylonitrile	5.06	41	229878	56.303	ug/l	98
42) 1,2-Dichloroethane	6.20	62	381750	49.882	ug/l	99
43) Isopropyl Acetate	6.46	43	665137	56.845	ug/l	98
44) Trichloroethene	7.21	130	330607	48.636	ug/l	95
45) 1,2-Dichloropropane	7.51	63	288837	52.849	ug/l	98
46) Dibromomethane	7.66	93	200921	49.980	ug/l	97
47) Bromodichloromethane	7.90	83	351745	52.702	ug/l	96
48) Methyl methacrylate	7.77	41	337162	56.663	ug/l	97
49) 1,4-Dioxane	7.75	88	142886	916.117	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	2053197	275.783	ug/l	99
52) Toluene	8.78	92	744649	51.322	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	391871	54.746	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	429222	54.649	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	306865	51.670	ug/l	95
56) Ethyl methacrylate	9.18	69	460946	54.914	ug/l	96
57) 1,3-Dichloropropane	9.37	76	493509	51.649	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1195806	268.001	ug/l	99
59) 2-Hexanone	9.49	43	1521808	267.158	ug/l	100
60) Dibromochloromethane	9.59	129	304380	49.049	ug/l	98
61) 1,2-Dibromoethane	9.67	107	336269	53.264	ug/l	98
64) Tetrachloroethene	9.34	164	311705	48.148	ug/l	95
65) Chlorobenzene	10.14	112	857195	49.559	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	300477	55.681	ug/l	99
67) Ethyl Benzene	10.25	91	1434880	50.768	ug/l	99
68) m/p-Xylenes	10.36	106	1120227	100.445	ug/l	99
69) o-Xylene	10.70	106	555594	50.449	ug/l	98
70) Styrene	10.71	104	895040	51.370	ug/l	99
71) Bromoform	10.86	173	218421	45.330	ug/l	99
73) Isopropylbenzene	11.02	105	1473009	51.256	ug/l	99
74) N-amyl acetate	10.90	43	592178	57.567	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	455182	53.257	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	502824	64.408	ug/l	93
77) Bromobenzene	11.26	156	395954	50.962	ug/l	99
78) n-propylbenzene	11.36	91	1641916	51.882	ug/l	99
79) 2-Chlorotoluene	11.42	91	957832	49.944	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1214866	51.323	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	115222	45.346	ug/l	97
82) 4-Chlorotoluene	11.51	91	1106179	50.283	ug/l	100
83) tert-Butylbenzene	11.77	119	1229384	51.893	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1249362	50.180	ug/l	99
85) sec-Butylbenzene	11.94	105	1485099	51.129	ug/l	100
86) p-Isopropyltoluene	12.06	119	1329507	52.070	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	698535	49.886	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	702985	48.972	ug/l	99
89) n-Butylbenzene	12.38	91	1135525	52.257	ug/l	99
90) Hexachloroethane	12.60	117	195251	48.936	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	700642	50.019	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	92537	52.326	ug/l	99

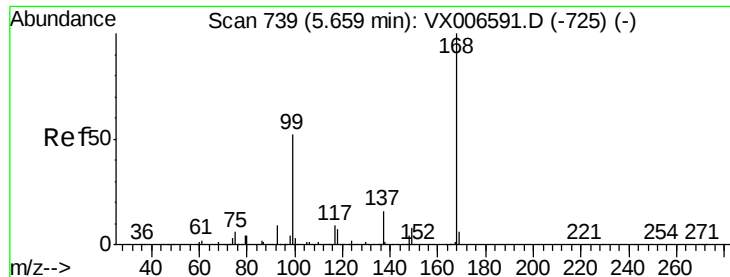
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122418\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	507695	52.544	ug/l	100
94) Hexachlorobutadiene	13.78	225	237402	52.127	ug/l	99
95) Naphthalene	13.83	128	1577412	51.150	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	511265	51.248	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

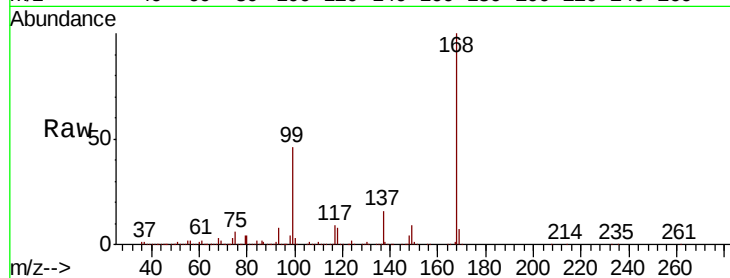
VSTDCCC050EC

Tot Ion:168 Resp: 604086

Ion Ratio Lower Upper

168 100

99 46.0 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

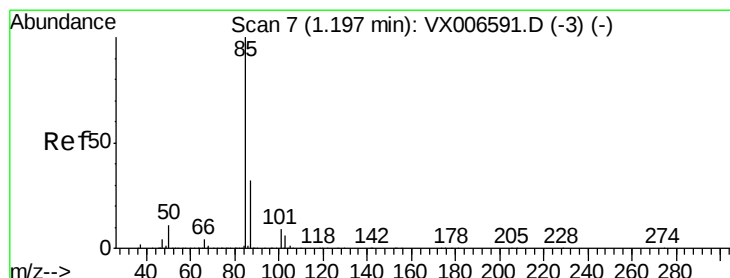
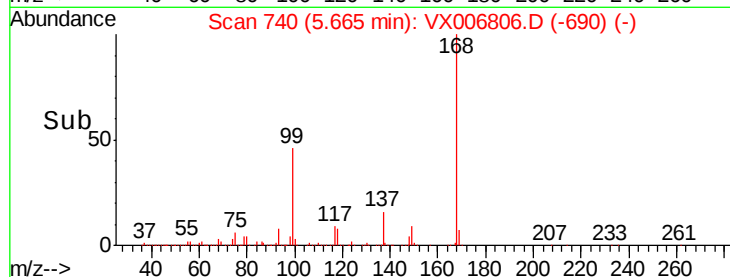
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.006 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006806.D

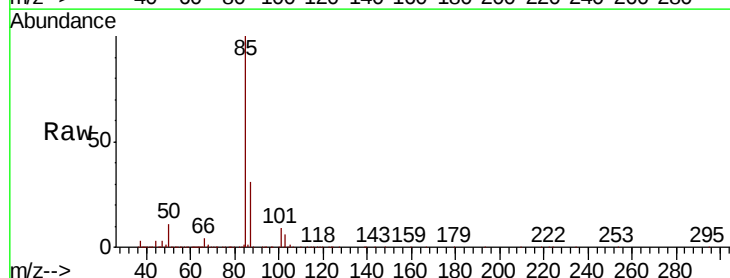
Acq: 24 Dec 2018 20:11

Tgt Ion: 85 Resp: 243189

Ion Ratio Lower Upper

85 100

87 31.2 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

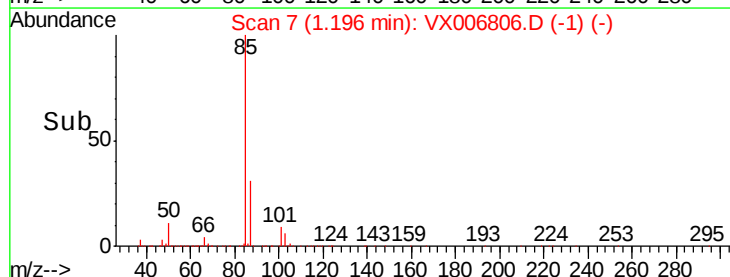
150000

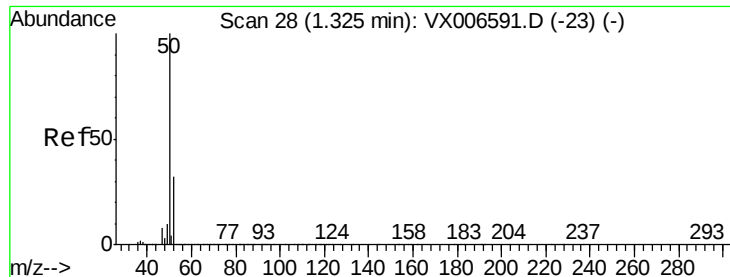
100000

50000

0

Time-->





#3

Chloromethane

Concen: 44.358 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

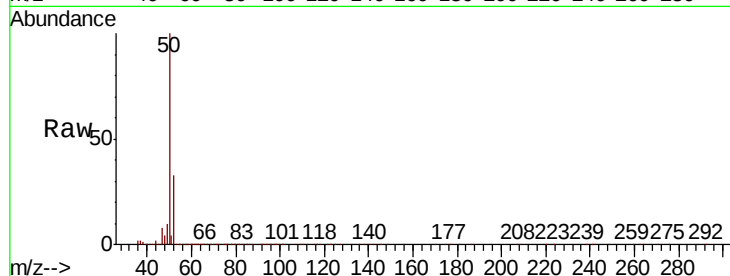
VSTDCCC050EC

Tot Ion: 50 Resp: 264096

Ion Ratio Lower Upper

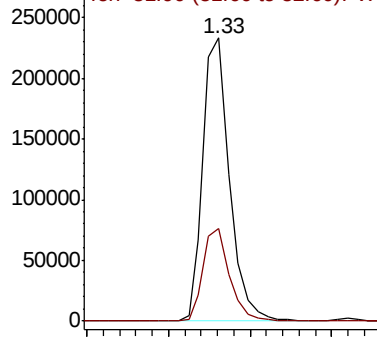
50 100

52 32.5 25.4 38.2

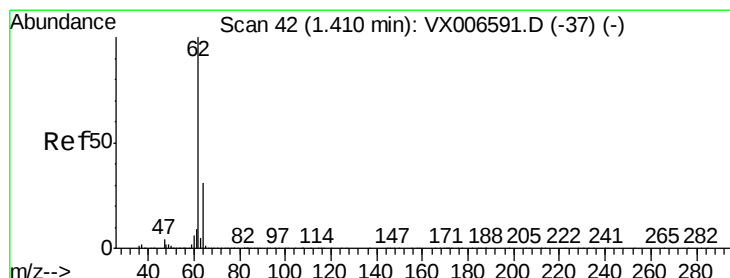
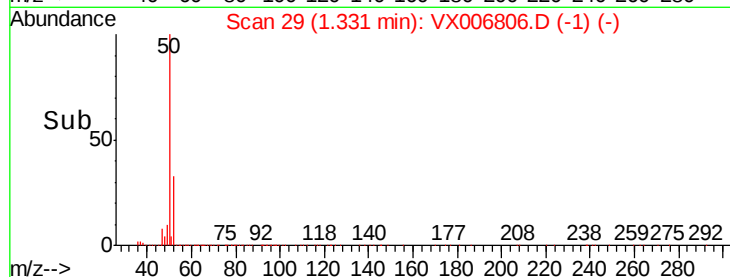


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 46.985 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006806.D

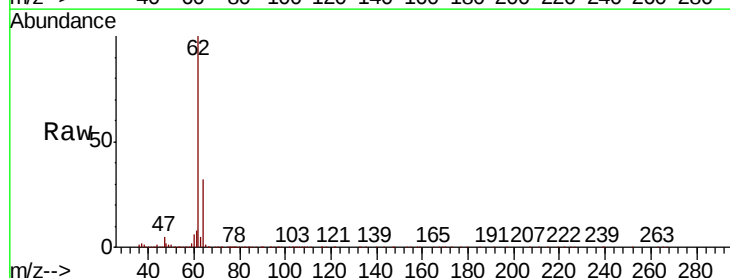
Acq: 24 Dec 2018 20:11

Tgt Ion: 62 Resp: 292164

Ion Ratio Lower Upper

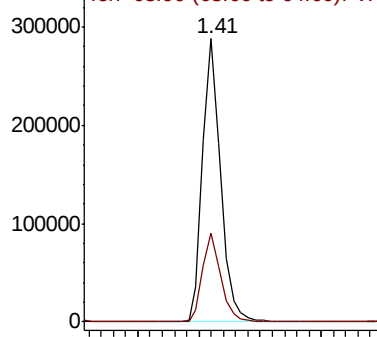
62 100

64 31.4 25.1 37.7

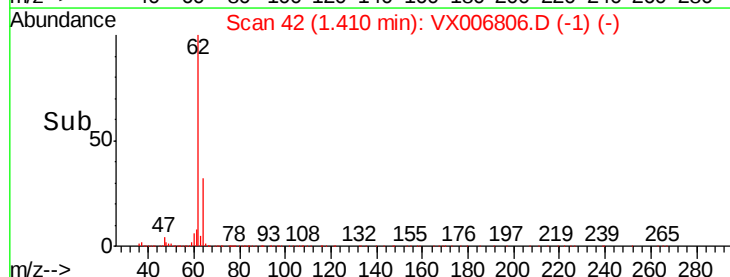


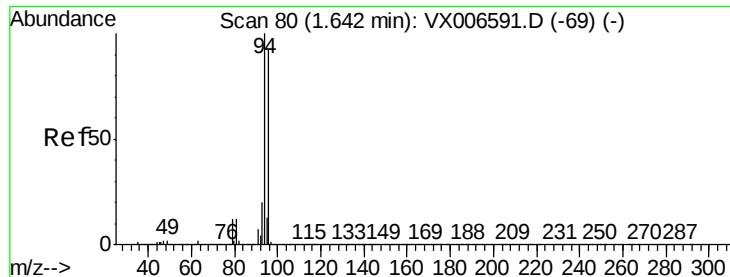
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 46.761 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

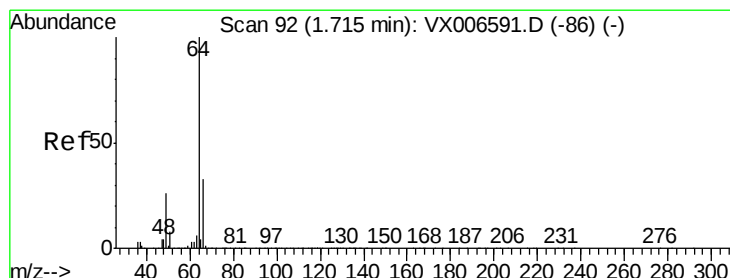
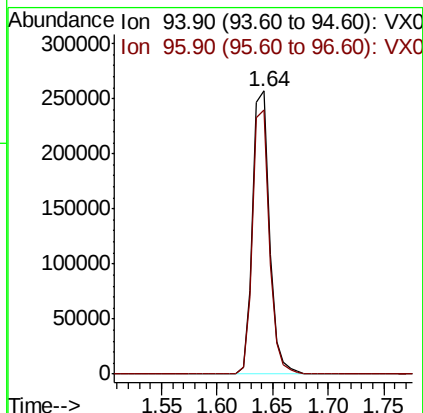
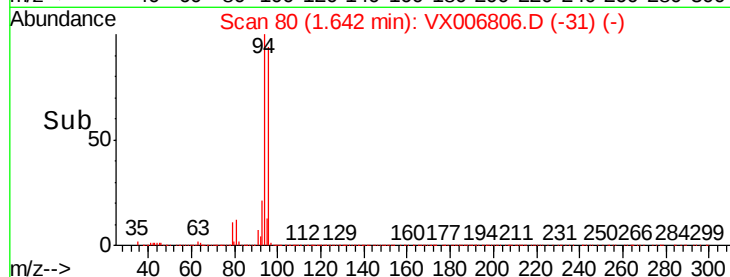
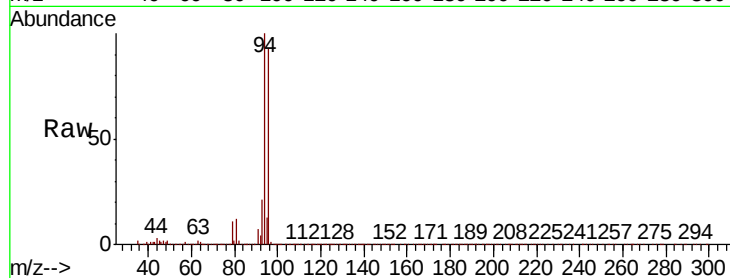
VSTDCCC050EC

Tot Ion: 94 Resp: 272063

Ion Ratio Lower Upper

94 100

96 93.5 73.4 110.2



#6

Chloroethane

Concen: 44.496 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX006806.D

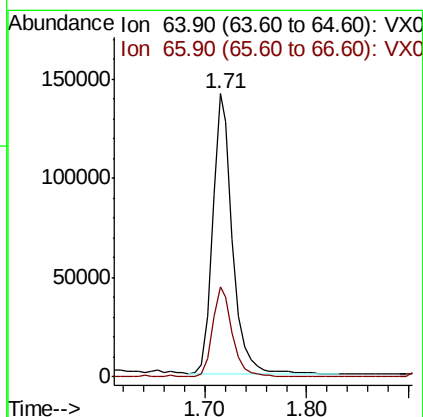
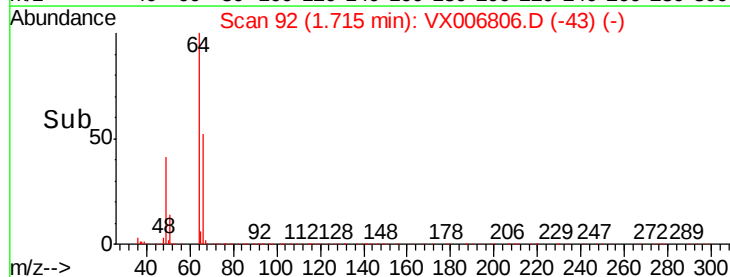
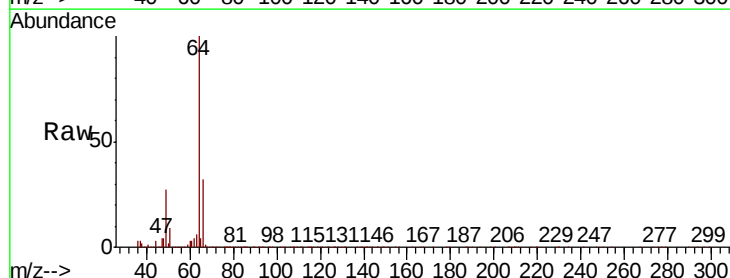
Acq: 24 Dec 2018 20:11

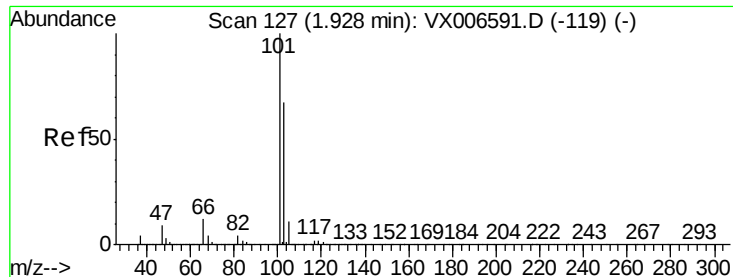
Tgt Ion: 64 Resp: 191580

Ion Ratio Lower Upper

64 100

66 32.0 26.4 39.6



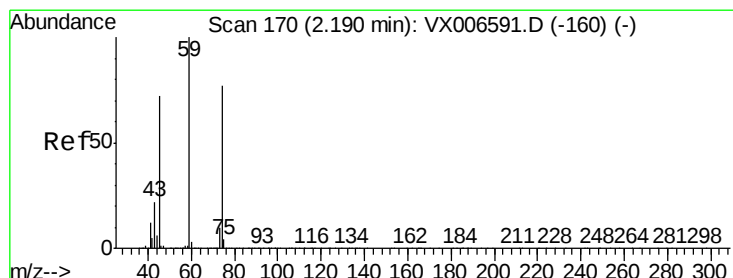
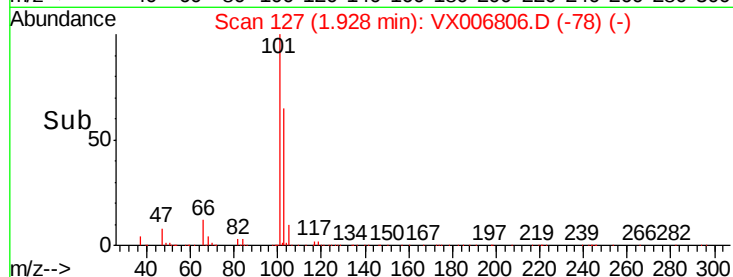
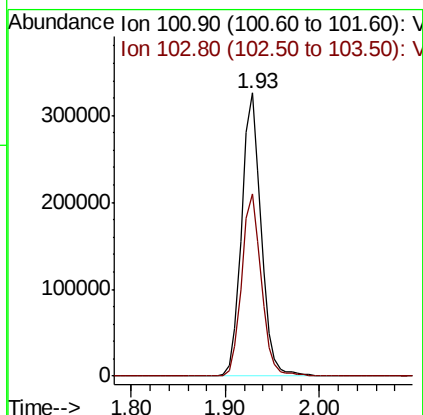
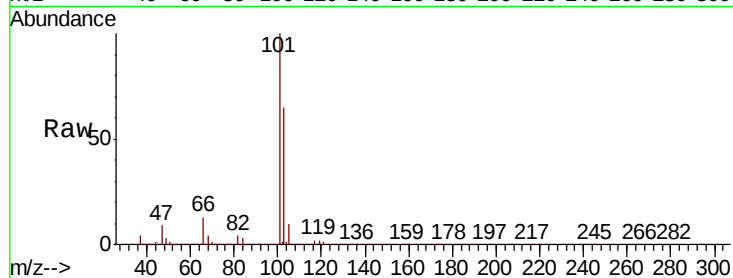


#7

Trichlorofluoromethane
Concen: 48.457 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006806.D
Acq: 24 Dec 2018 20:11

Instrument :
MSVOA_X
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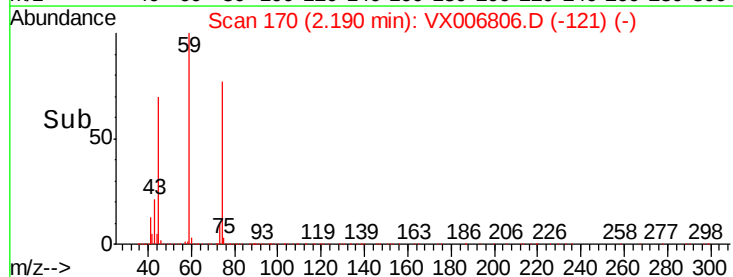
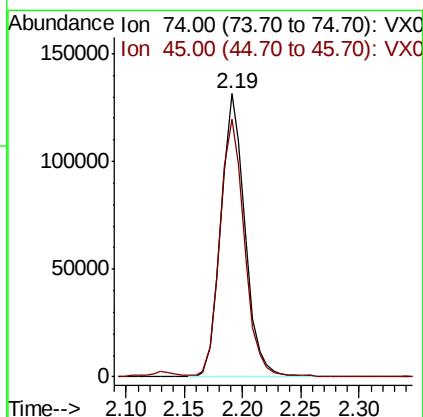
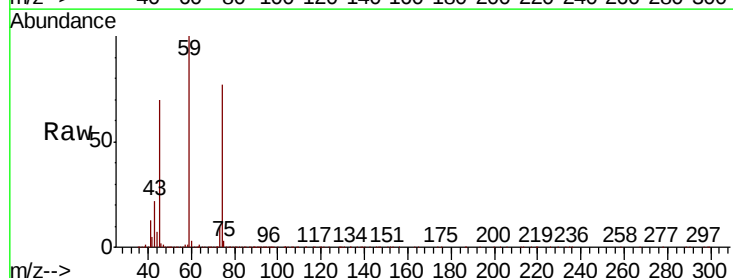
Tot Ion:101 Resp: 469771
Ion Ratio Lower Upper
101 100
103 64.5 53.2 79.8

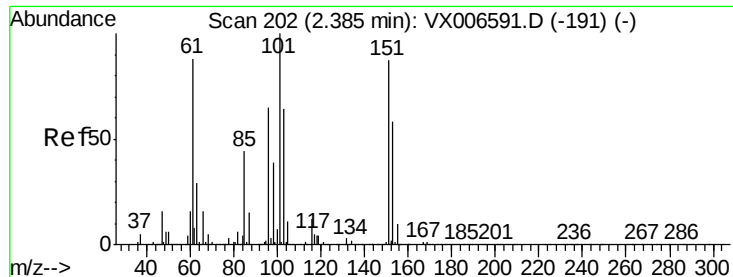


#8

Diethyl Ether
Concen: 48.640 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006806.D
Acq: 24 Dec 2018 20:11

Tgt Ion: 74 Resp: 187293
Ion Ratio Lower Upper
74 100
45 92.1 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.676 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

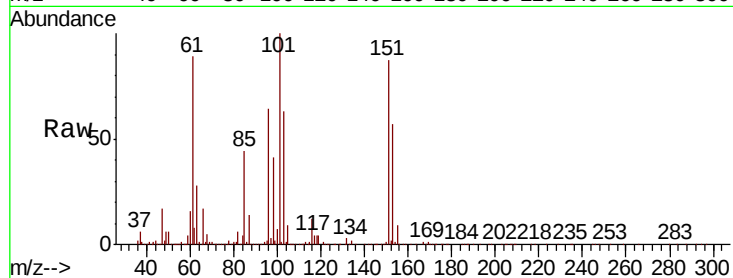
Tot Ion:101 Resp: 277075

Ion Ratio Lower Upper

101 100

85 44.2 35.1 52.7

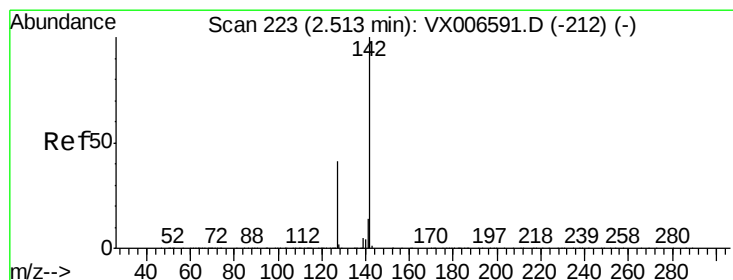
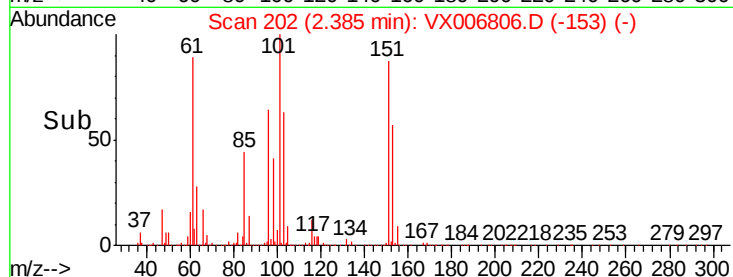
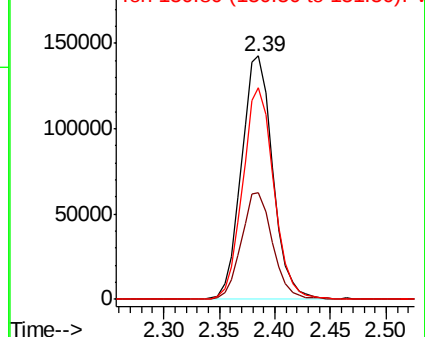
151 87.3 68.9 103.3



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: 53.021 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

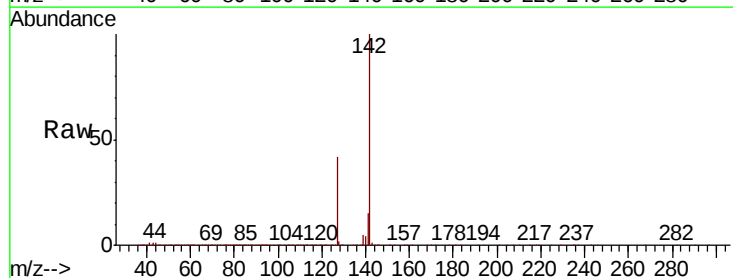
Tgt Ion:142 Resp: 432026

Ion Ratio Lower Upper

142 100

127 42.7 33.9 50.9

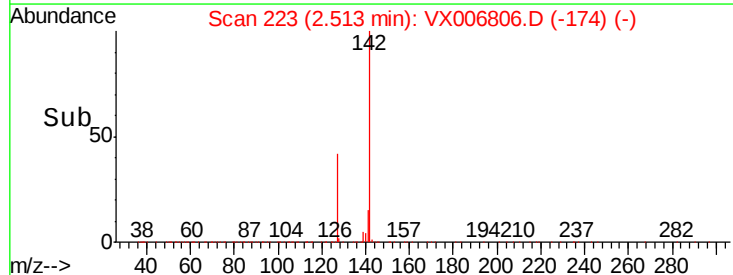
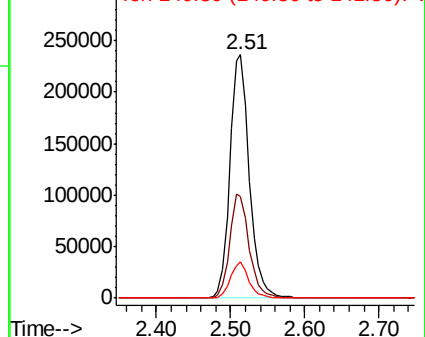
141 14.3 11.4 17.0

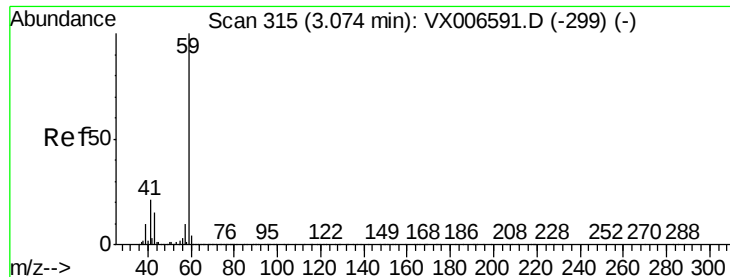


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



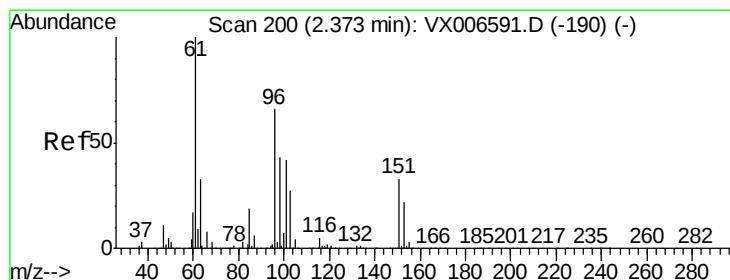
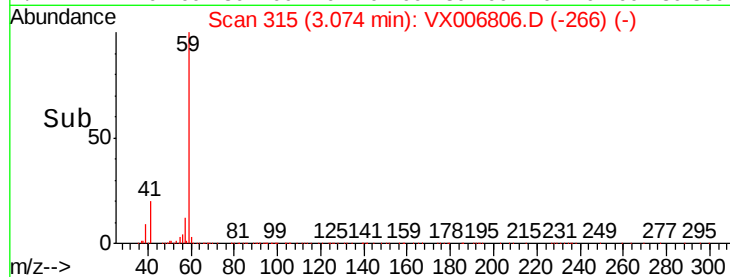
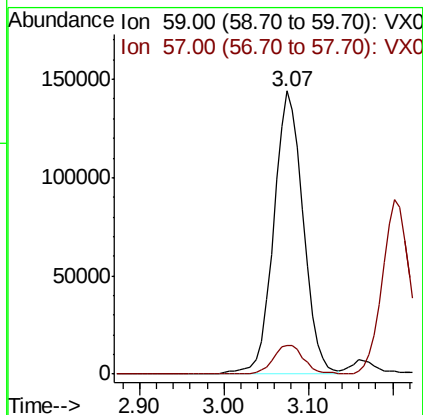
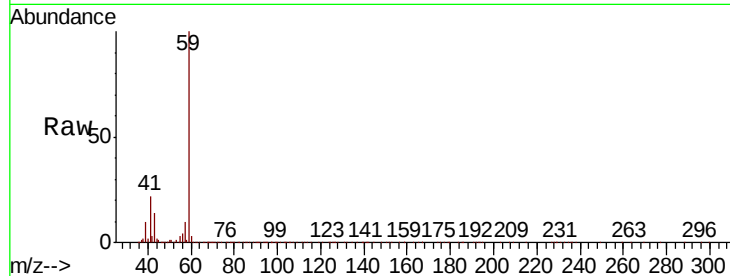


#11

Tert butyl alcohol
 Concen: 240.069 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX006806.D
 Acq: 24 Dec 2018 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

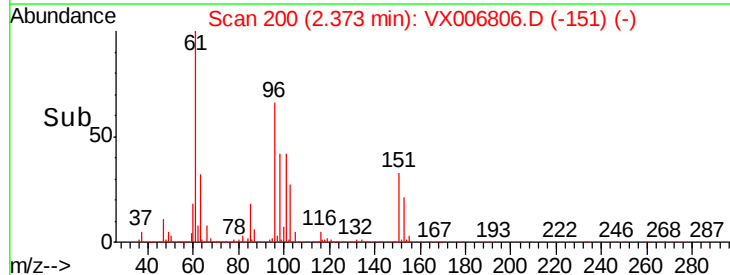
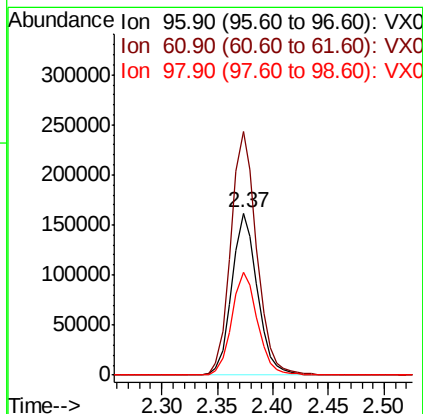
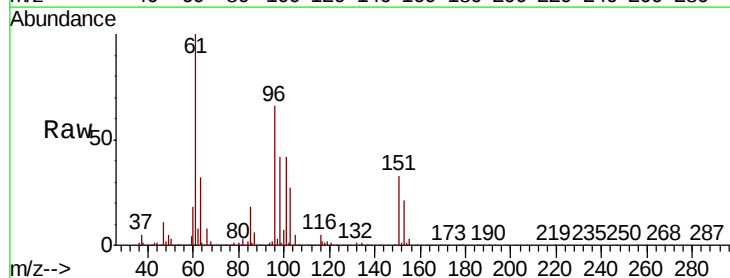
Tot Ion: 59 Resp: 348816
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.5 12.7

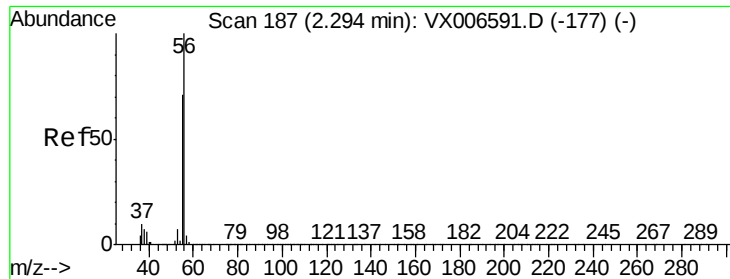


#12

1,1-Dichloroethene
 Concen: 47.458 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX006806.D
 Acq: 24 Dec 2018 20:11

Tgt Ion: 96 Resp: 256146
 Ion Ratio Lower Upper
 96 100
 61 150.6 121.4 182.2
 98 63.6 51.9 77.9





#13

Acrolein

Concen: 254.088 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

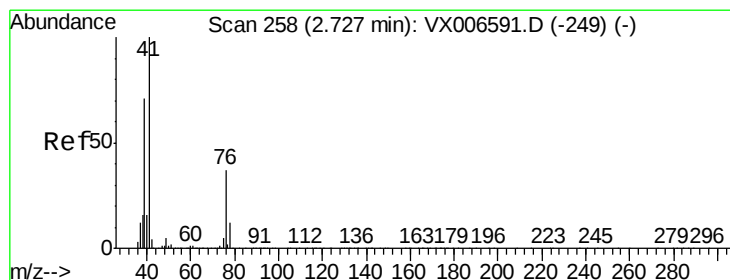
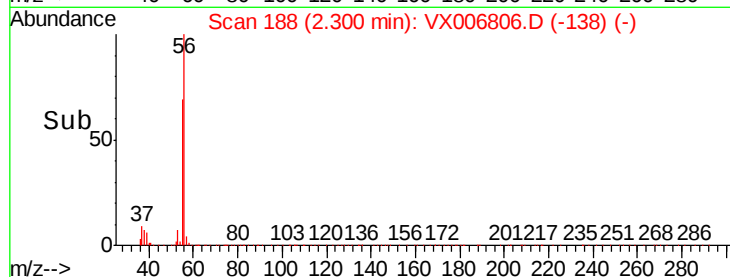
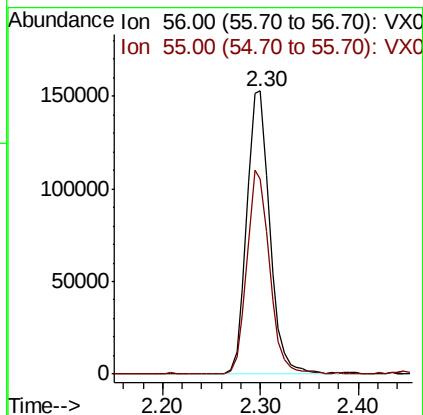
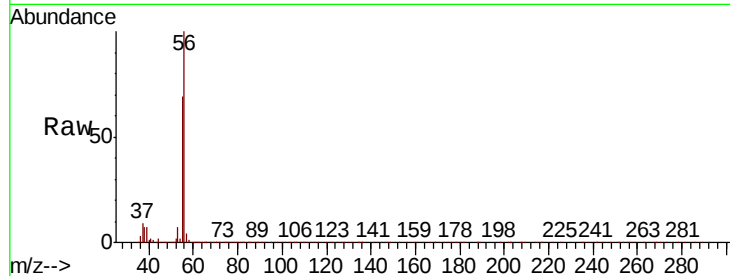
VSTDCCC050EC

Tot Ion: 56 Resp: 249055

Ion Ratio Lower Upper

56 100

55 70.4 58.2 87.4



#14

Allyl chloride

Concen: 49.948 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

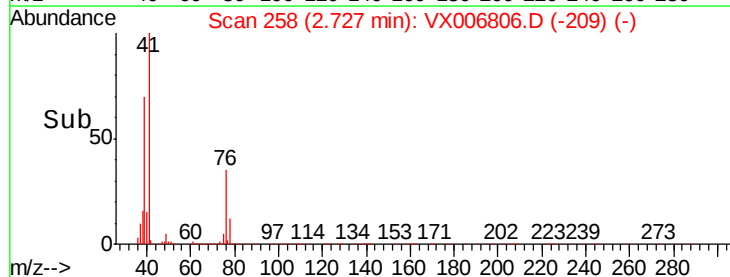
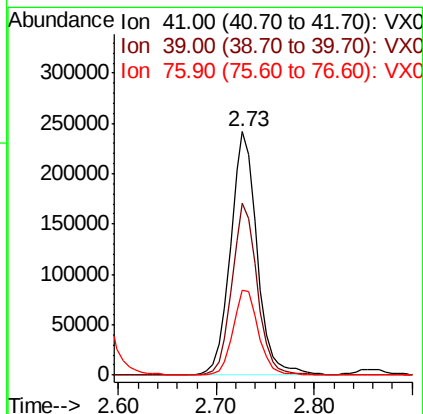
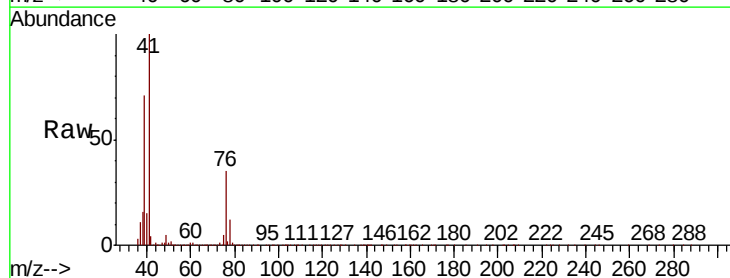
Tgt Ion: 41 Resp: 453774

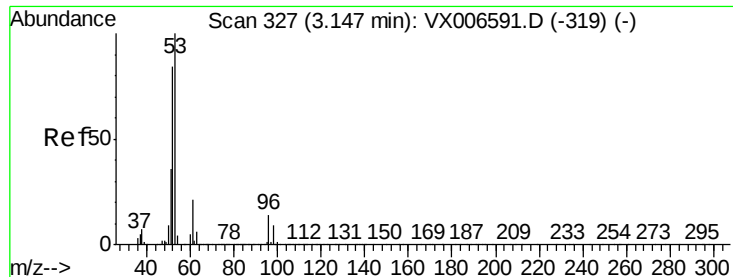
Ion Ratio Lower Upper

41 100

39 67.0 53.6 80.4

76 33.1 27.4 41.2





#15

Acrylonitrile

Concen: 258.115 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

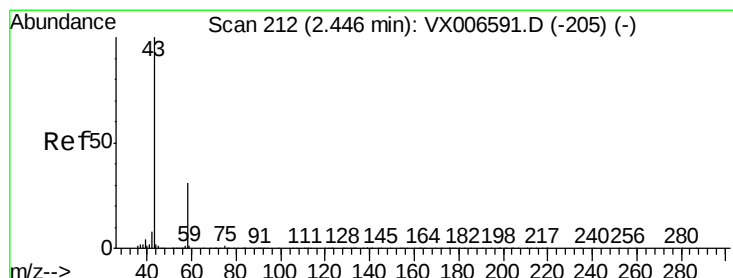
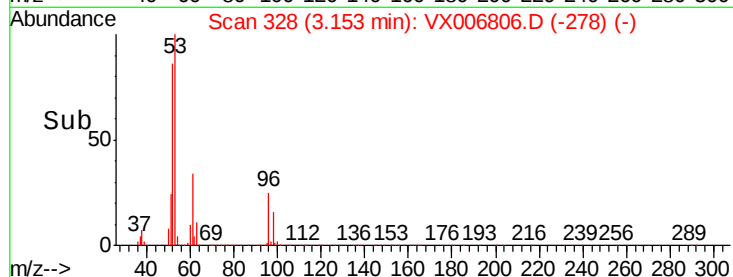
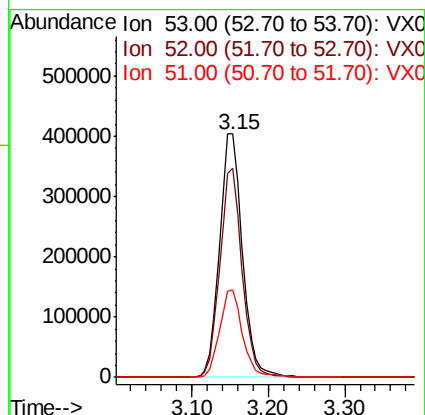
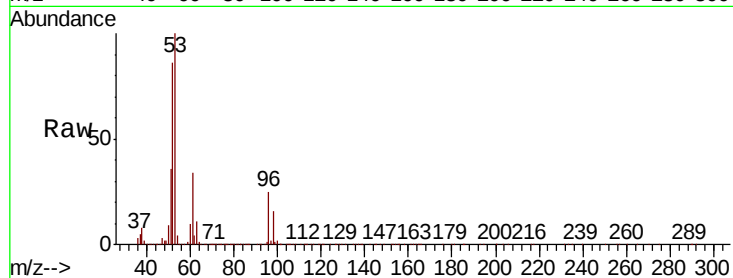
Tot Ion: 53 Resp: 832698

Ion Ratio Lower Upper

53 100

52 83.3 66.0 99.0

51 35.6 28.6 42.8



#16

Acetone

Concen: 228.755 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006806.D

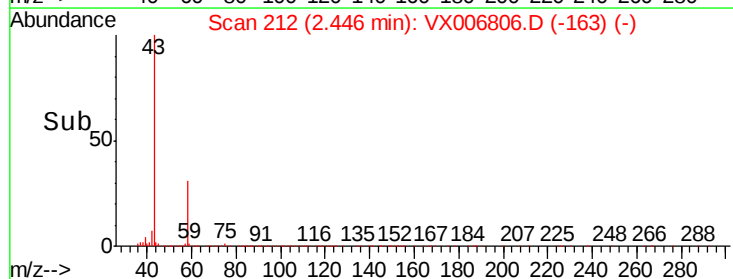
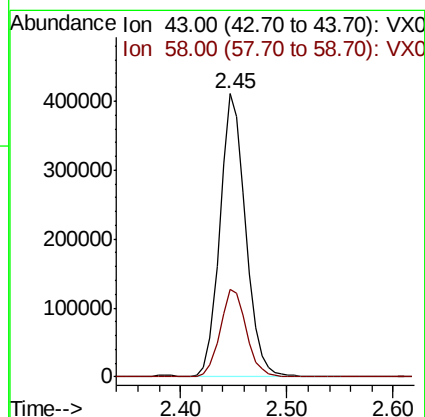
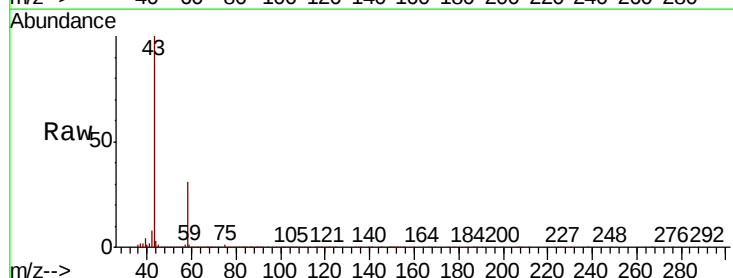
Acq: 24 Dec 2018 20:11

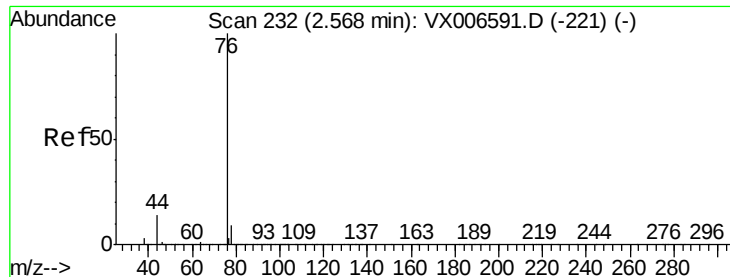
Tgt Ion: 43 Resp: 684243

Ion Ratio Lower Upper

43 100

58 30.8 25.0 37.6





#17

Carbon Disulfide

Concen: 40.237 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

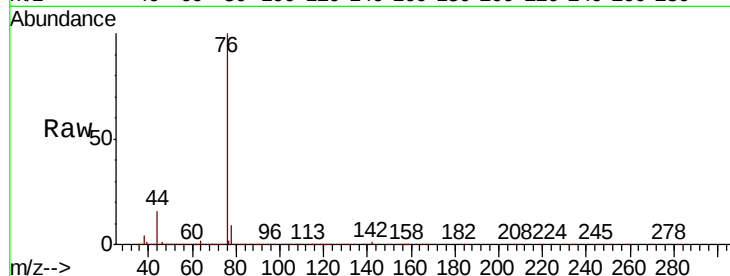
VSTDCCC050EC

Tot Ion: 76 Resp: 574723

Ion Ratio Lower Upper

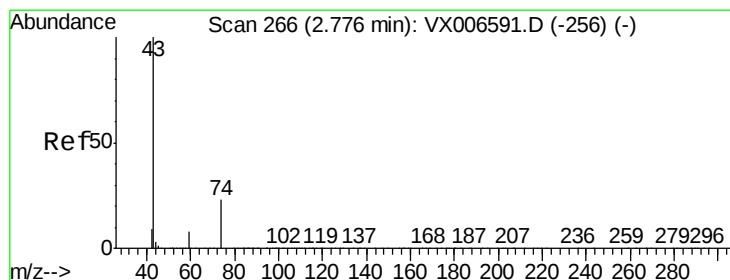
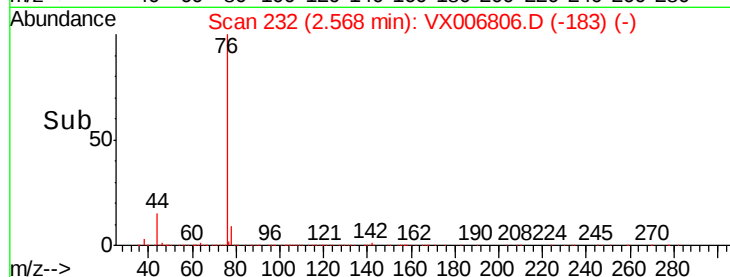
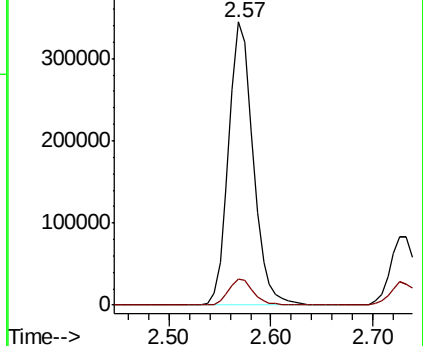
76 100

78 9.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 56.925 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX006806.D

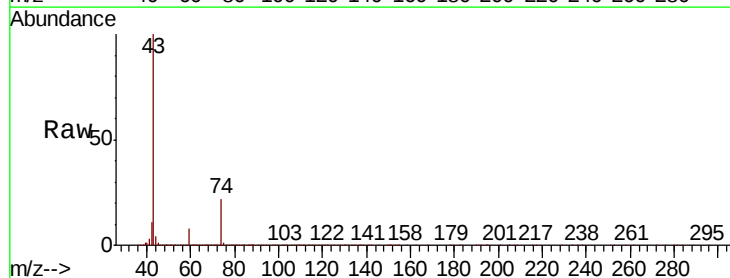
Acq: 24 Dec 2018 20:11

Tgt Ion: 43 Resp: 500679

Ion Ratio Lower Upper

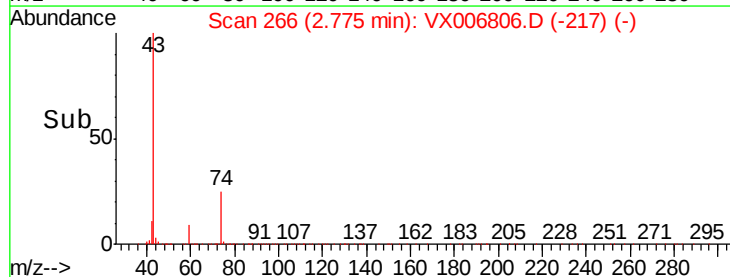
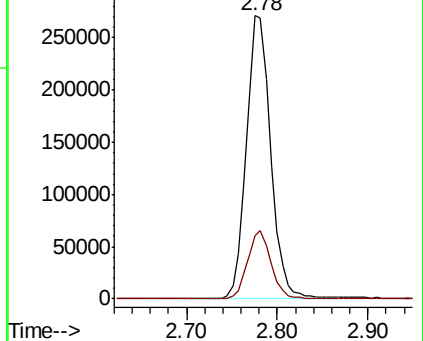
43 100

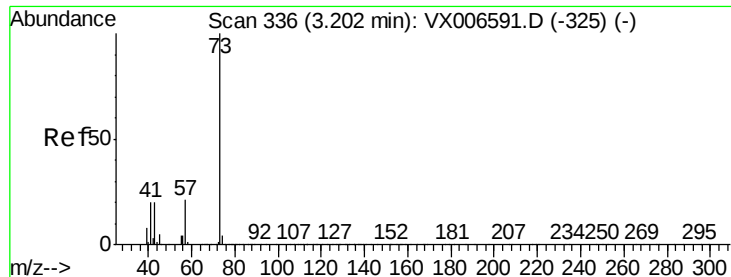
74 23.1 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

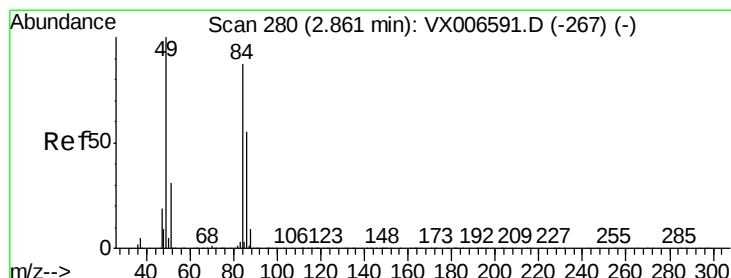
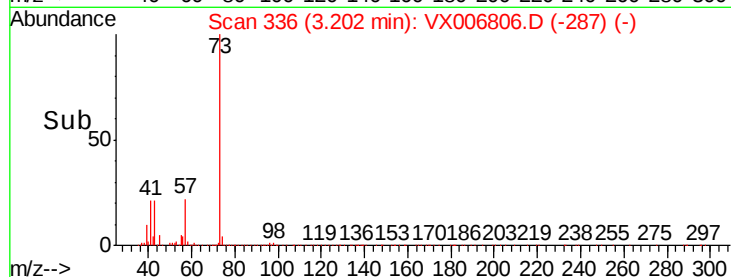
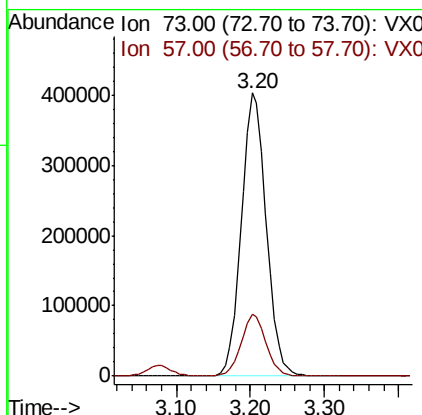
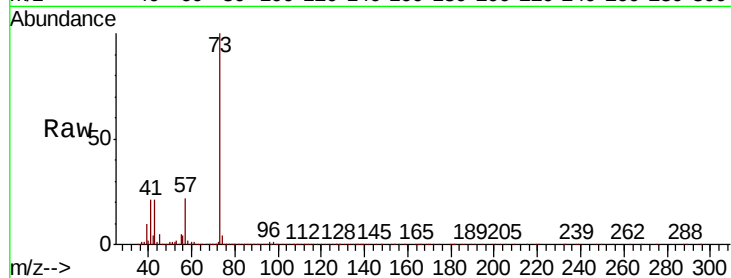




#19
Methvl tert-butvl Ether
Concen: 52.612 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006806.D
Acq: 24 Dec 2018 20:11

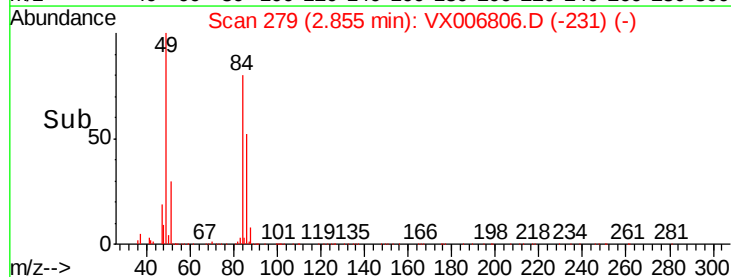
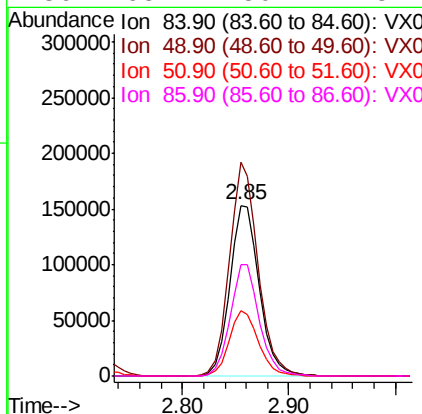
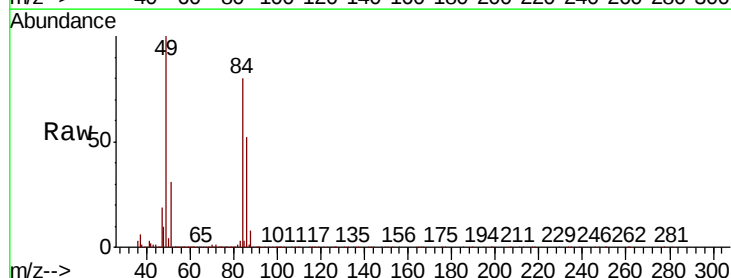
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

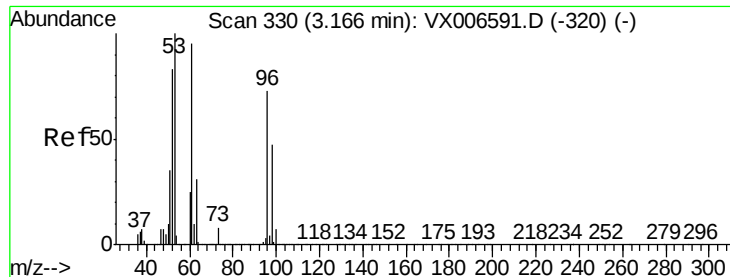
Tot Ion: 73 Resp: 942490
Ion Ratio Lower Upper
73 100
57 22.0 16.8 25.2



#20
Methylene Chloride
Concen: 47.935 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006806.D
Acq: 24 Dec 2018 20:11

Tgt Ion: 84 Resp: 296485
Ion Ratio Lower Upper
84 100
49 125.2 91.8 137.6
51 38.1 28.5 42.7
86 65.2 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 46.341 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

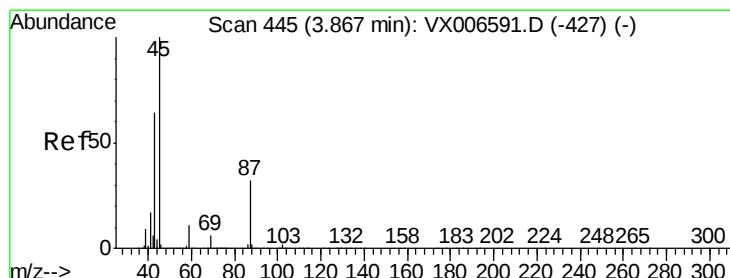
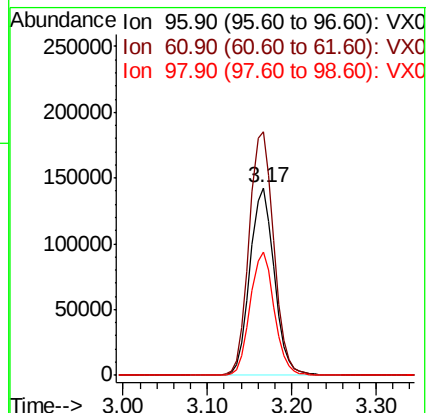
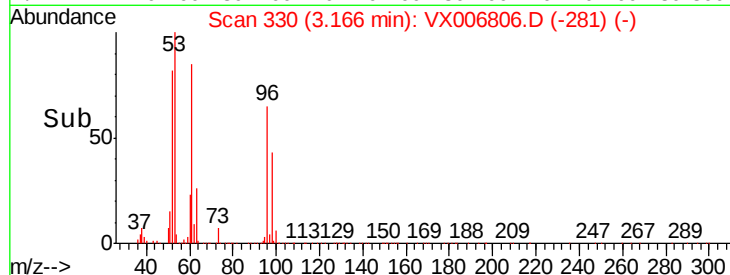
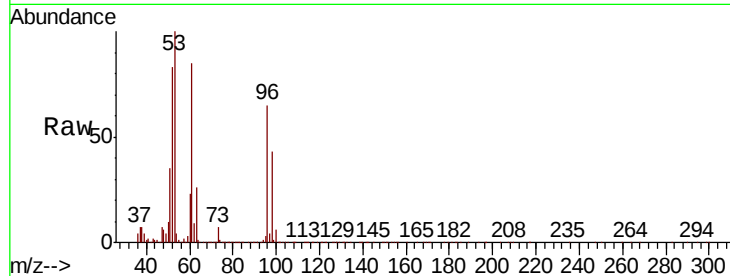
Tot Ion: 96 Resp: 277130

Ion Ratio Lower Upper

96 100

61 129.3 103.7 155.5

98 65.3 51.0 76.6



#22

Diisopropyl ether

Concen: 52.700 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Tgt Ion: 45 Resp: 875900

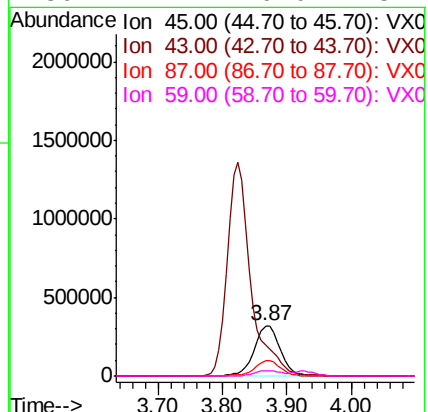
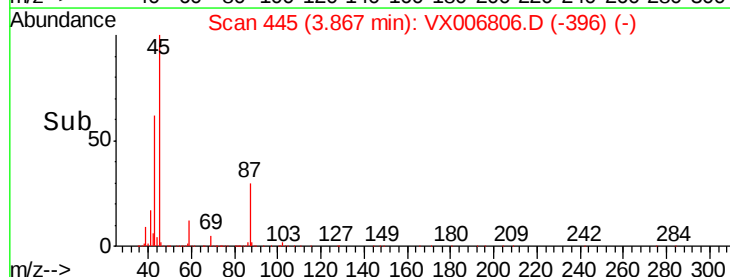
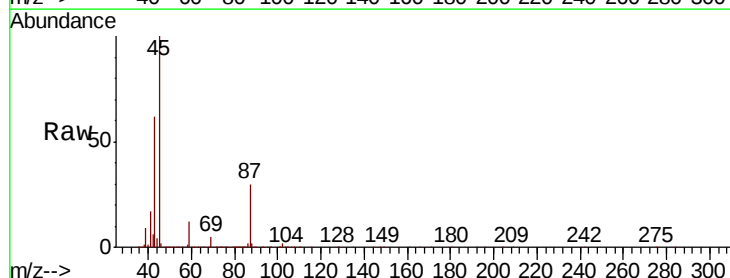
Ion Ratio Lower Upper

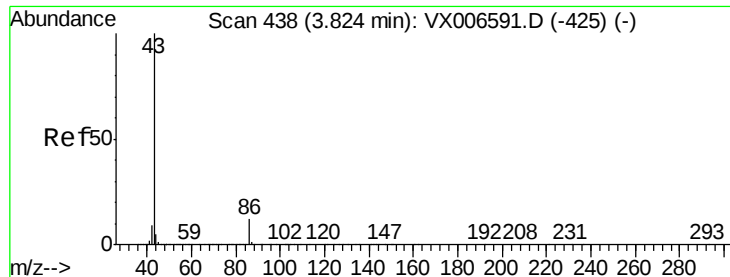
45 100

43 62.1 51.2 76.8

87 29.7 25.8 38.6

59 11.4 9.0 13.4





#23

Vinyl Acetate

Concen: 259.215 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

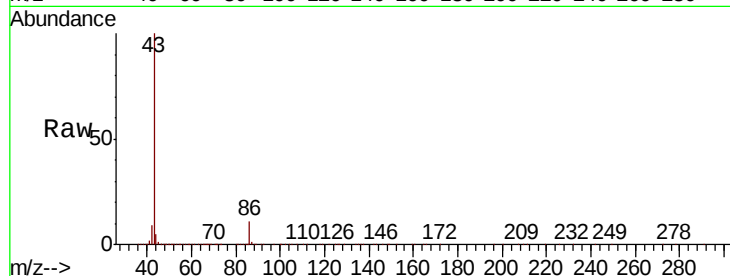
VSTDCCC050EC

Tot Ion: 43 Resp: 3524034

Ion Ratio Lower Upper

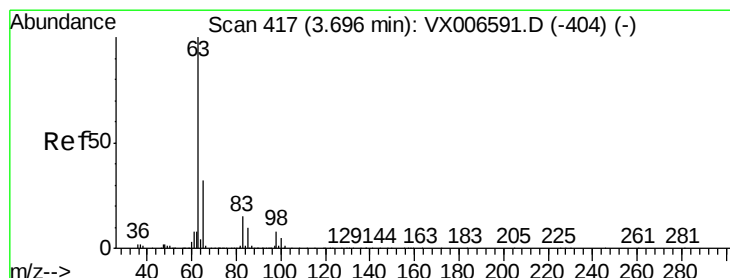
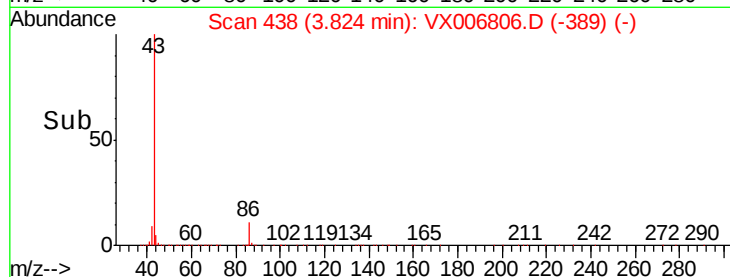
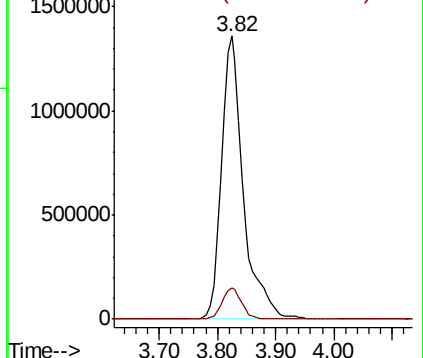
43 100

86 11.2 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: 48.457 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

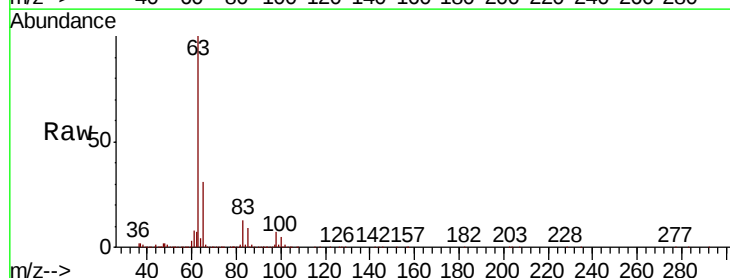
Tgt Ion: 63 Resp: 480775

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.5

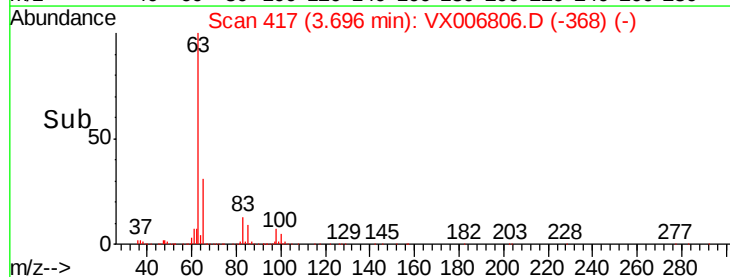
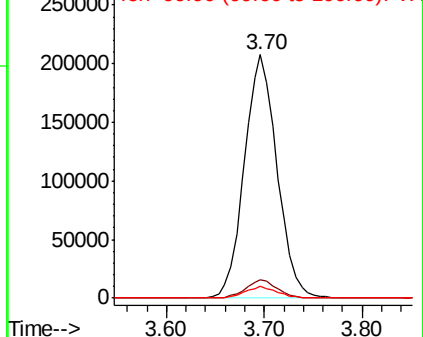
100 4.7 2.4 7.2

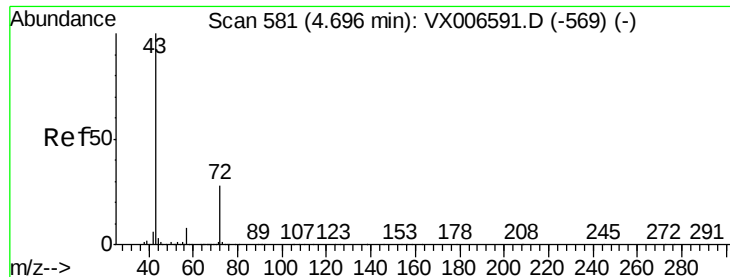


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 245.818 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

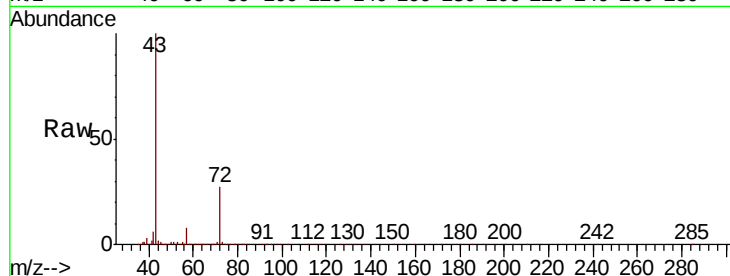
VSTDCCC050EC

Tot Ion: 43 Resp: 1034267

Ion Ratio Lower Upper

43 100

72 27.3 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

400000

300000

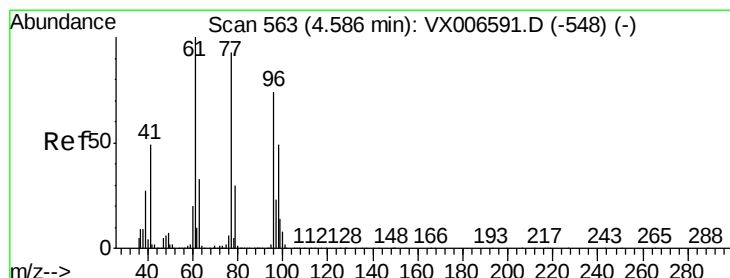
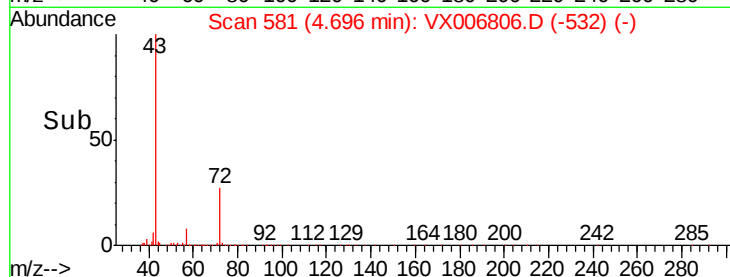
200000

100000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 43.568 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006806.D

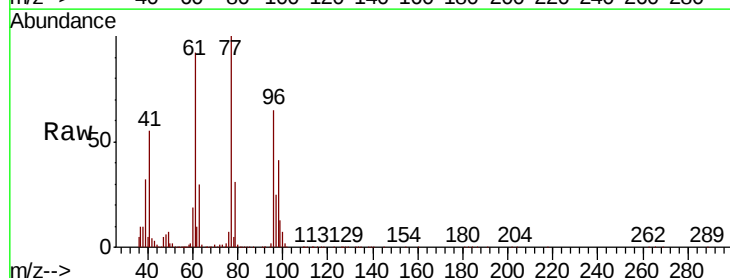
Acq: 24 Dec 2018 20:11

Tgt Ion: 77 Resp: 333908

Ion Ratio Lower Upper

77 100

97 25.4 12.4 37.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

120000

100000

80000

60000

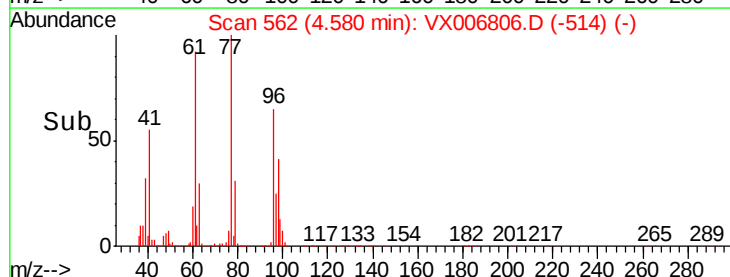
40000

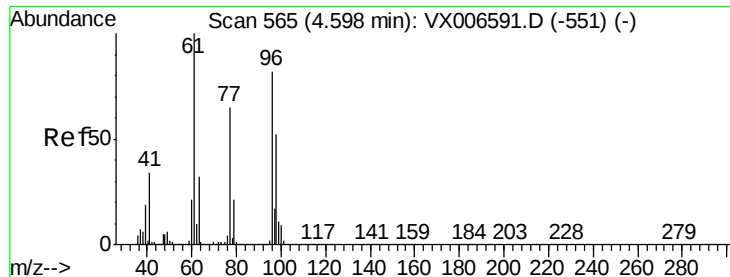
20000

0

4.50 4.60 4.70

Time-->



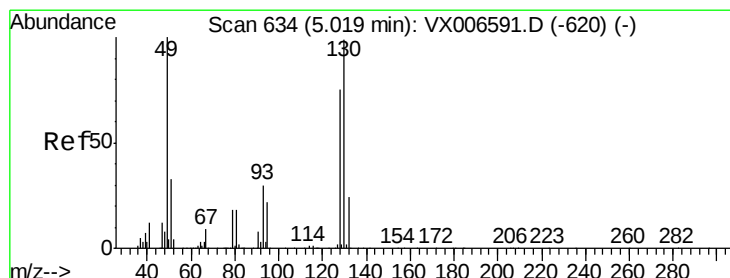
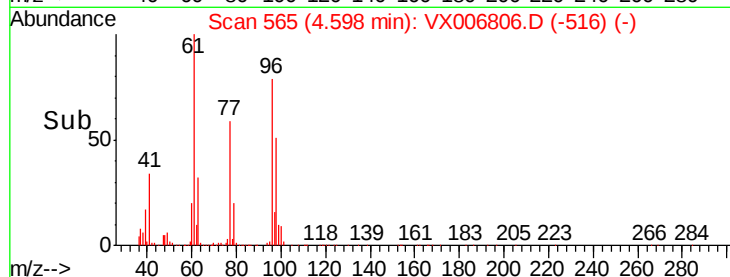
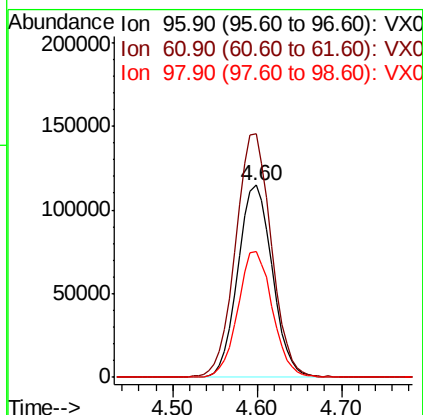
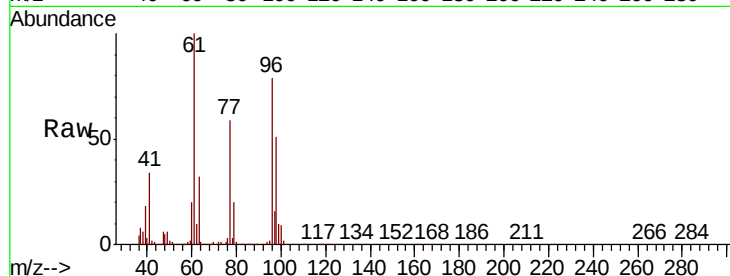


#27

cis-1,2-Dichloroethene
 Concen: 48.283 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX006806.D
 Acq: 24 Dec 2018 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

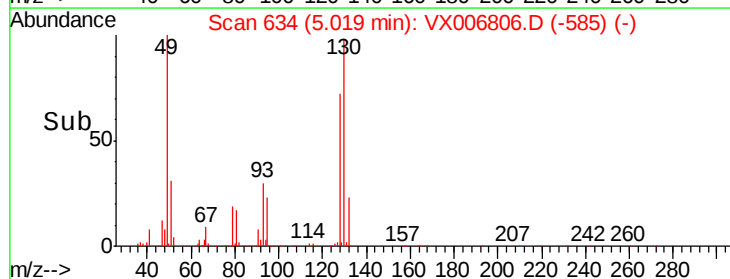
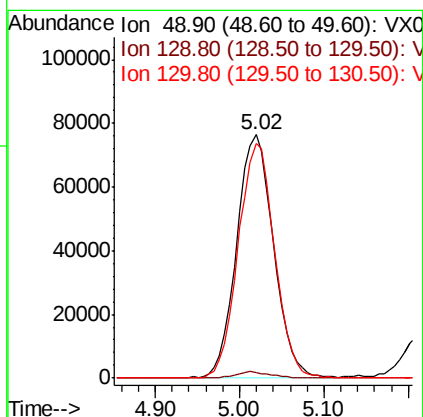
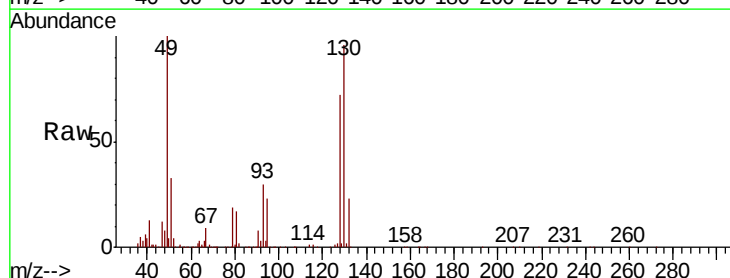
Tot Ion	Ratio	Lower	Upper
96	100		
61	131.6	0.0	258.6
98	65.5	0.0	132.0

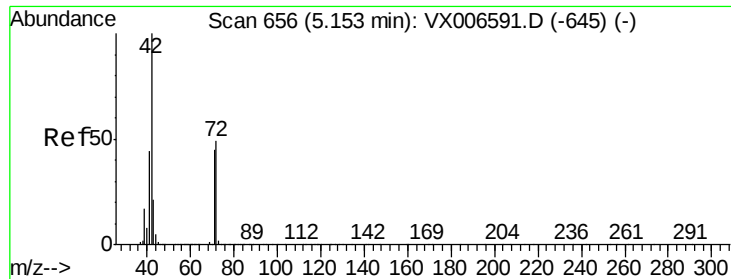


#28

Bromochloromethane
 Concen: 53.966 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX006806.D
 Acq: 24 Dec 2018 20:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	95.6	77.7	116.5





#29

Tetrahydrofuran

Concen: 254.093 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

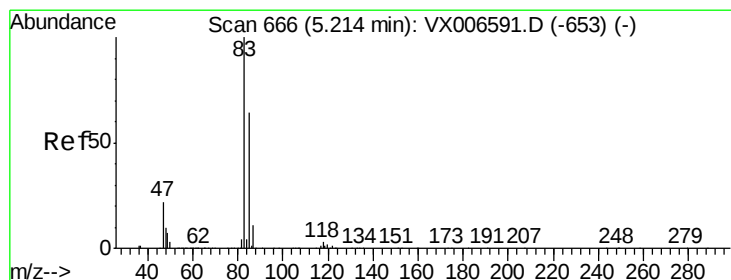
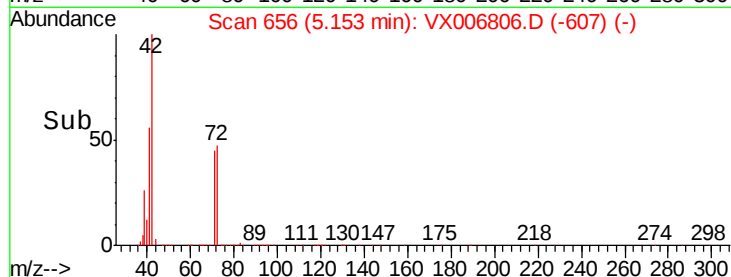
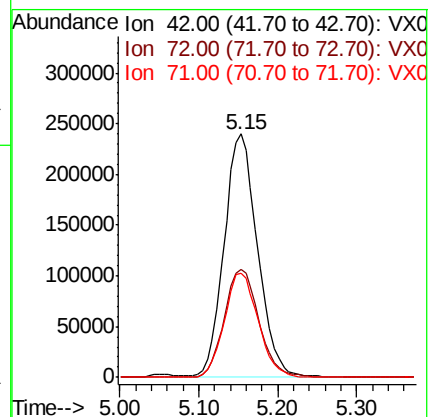
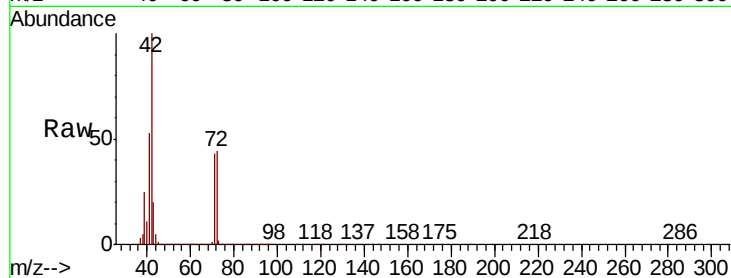
Tot Ion: 42 Resp: 704133

Ion Ratio Lower Upper

42 100

72 46.3 38.9 58.3

71 43.6 36.2 54.4



#30

Chloroform

Concen: 49.005 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006806.D

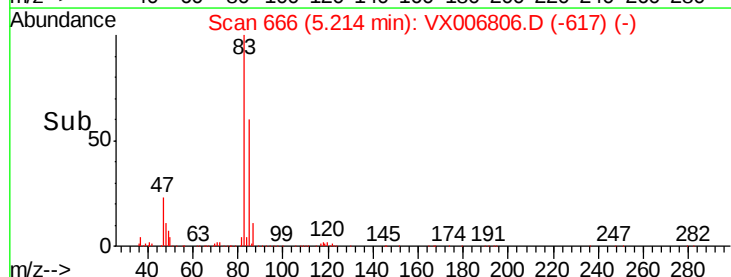
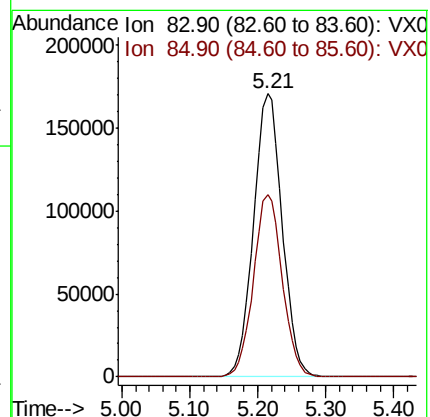
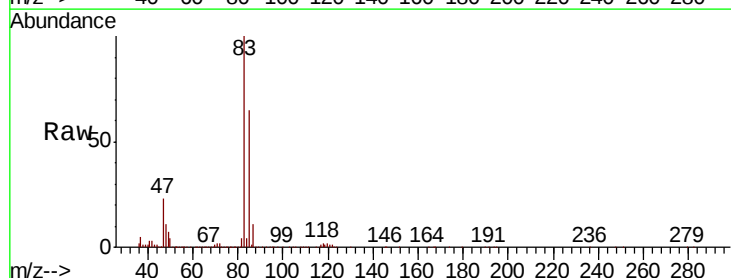
Acq: 24 Dec 2018 20:11

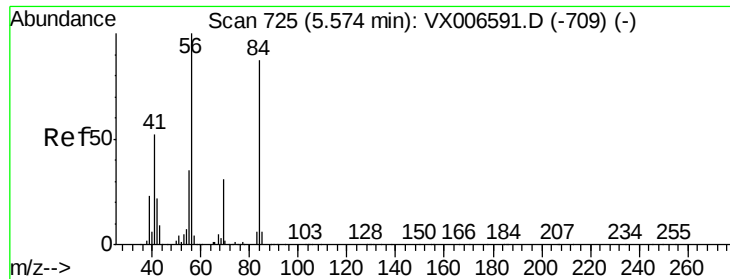
Tgt Ion: 83 Resp: 503496

Ion Ratio Lower Upper

83 100

85 64.5 51.2 76.8

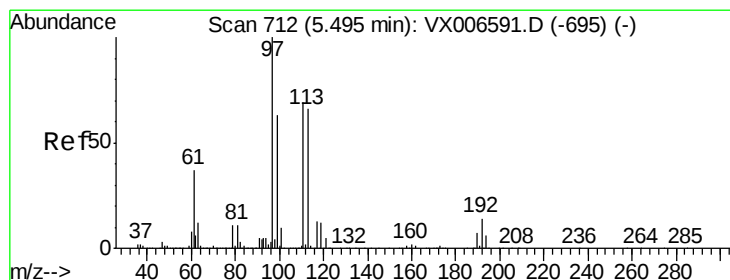
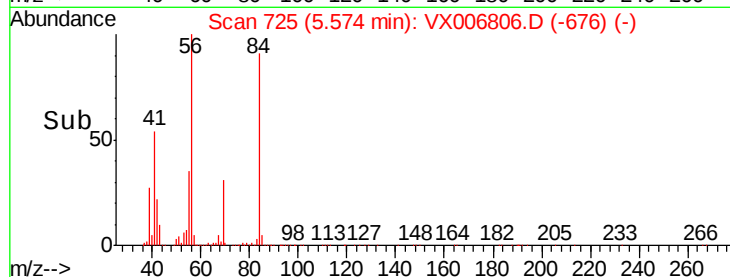
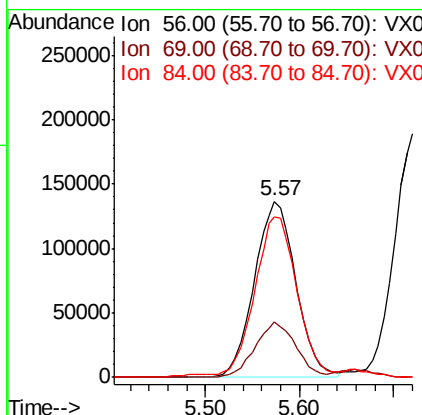
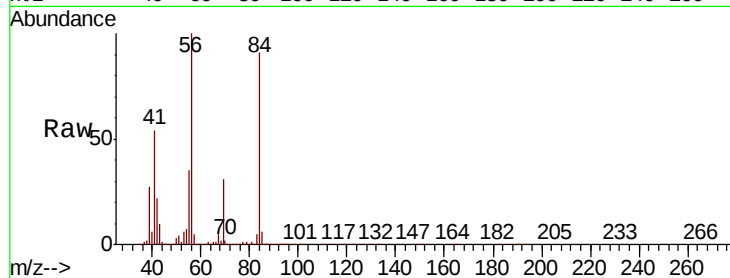




#31
Cyclohexane
Concen: 46.524 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006806.D
Acq: 24 Dec 2018 20:11

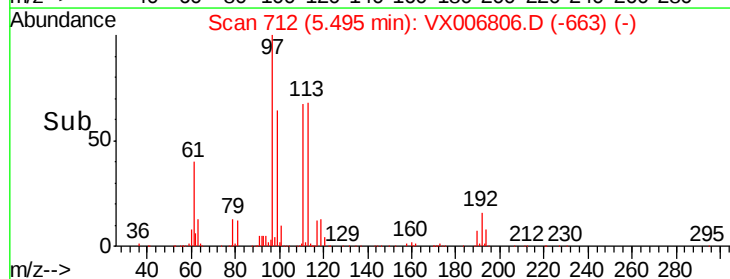
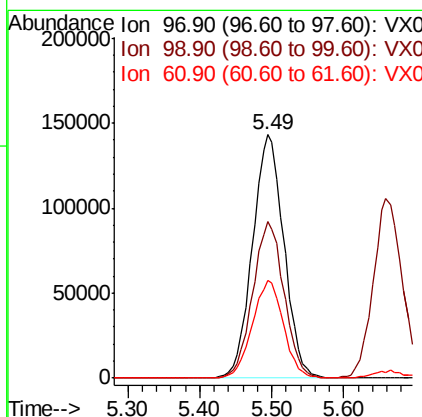
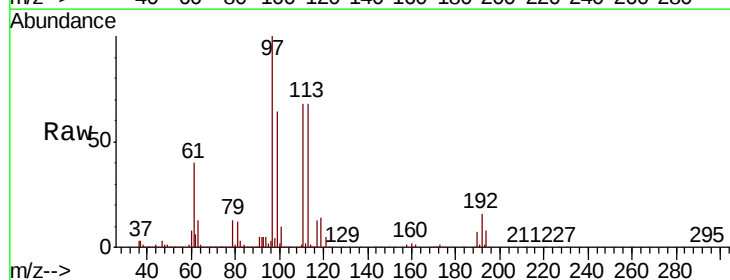
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

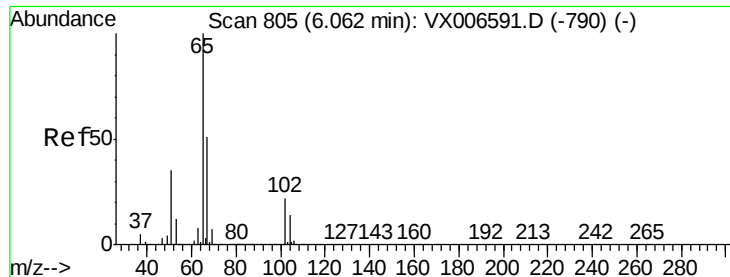
Tot Ion: 56 Resp: 419347
Ion Ratio Lower Upper
56 100
69 31.3 24.4 36.6
84 89.3 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 49.711 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006806.D
Acq: 24 Dec 2018 20:11

Tgt Ion: 97 Resp: 431272
Ion Ratio Lower Upper
97 100
99 64.3 51.7 77.5
61 40.2 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 49.450 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

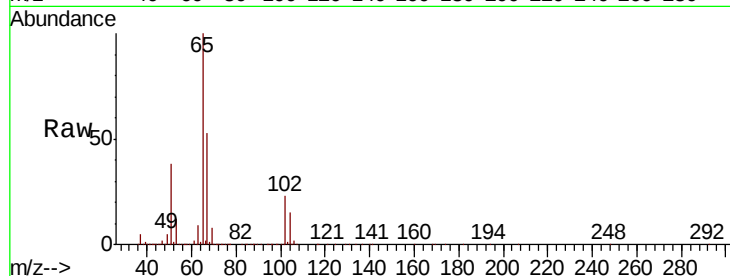
VSTDCCC050EC

Tot Ion: 65 Resp: 321946

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

150000

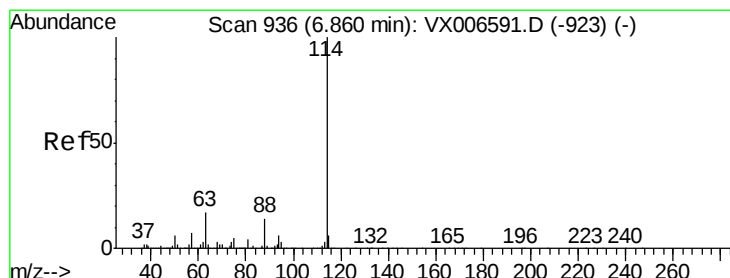
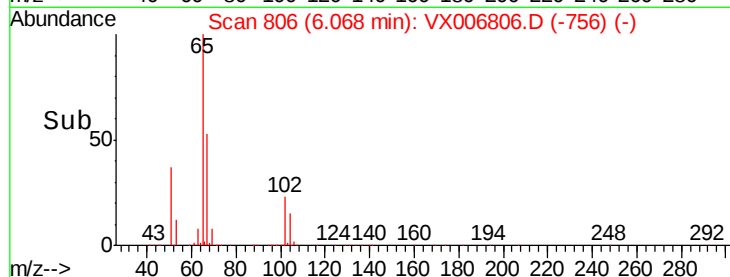
100000

50000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

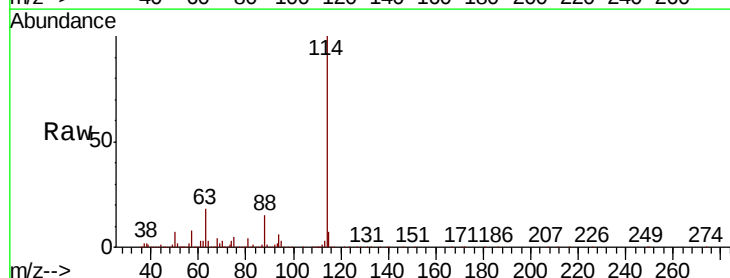
Tgt Ion: 114 Resp: 892094

Ion Ratio Lower Upper

114 100

63 18.4 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

500000

400000

300000

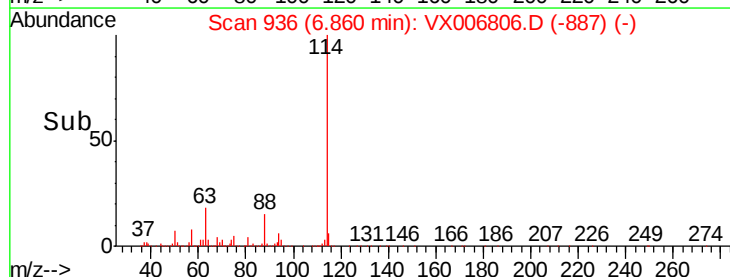
200000

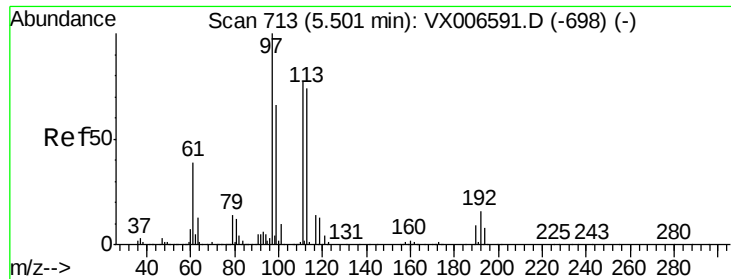
100000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 51.966 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

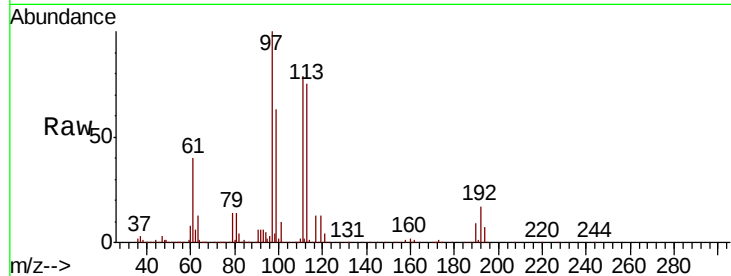
Tot Ion:113 Resp: 293165

Ion Ratio Lower Upper

113 100

111 101.4 81.6 122.4

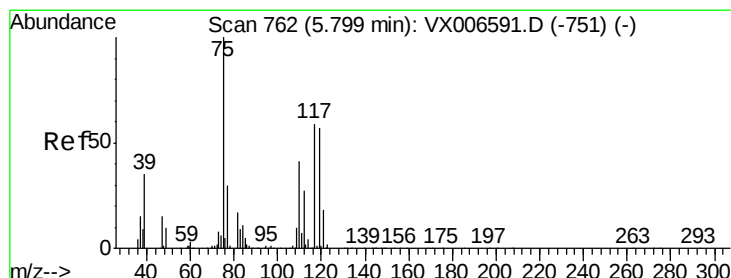
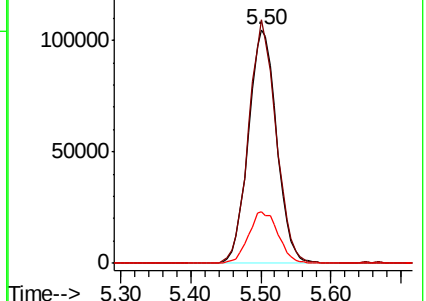
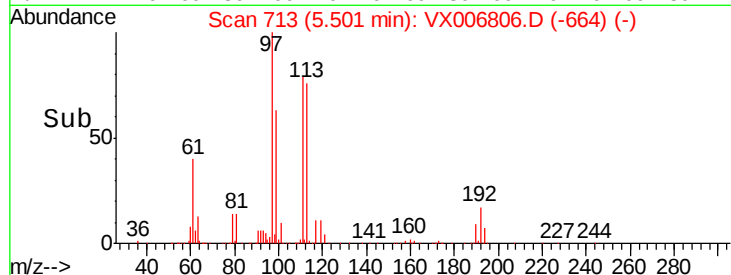
192 23.3 16.7 25.1



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: 49.284 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

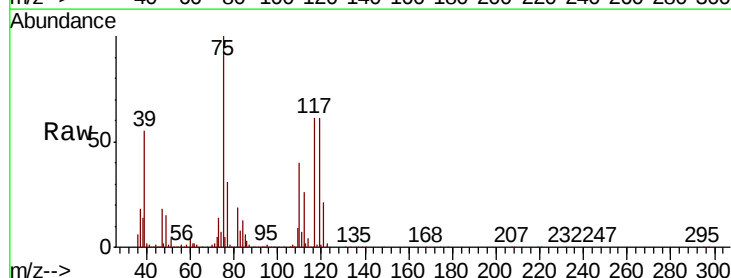
Tgt Ion: 75 Resp: 364136

Ion Ratio Lower Upper

75 100

110 40.1 20.2 60.5

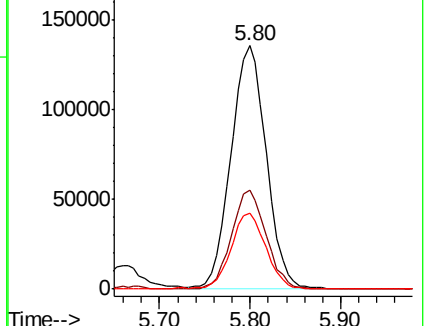
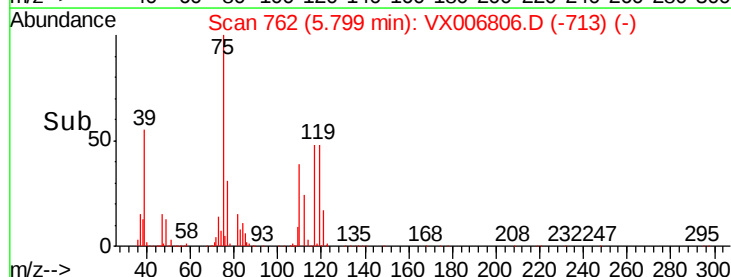
77 31.3 24.8 37.2

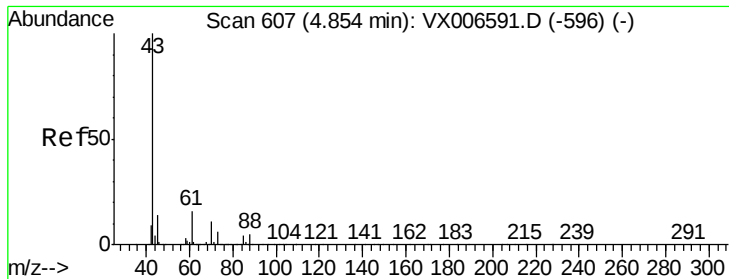


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

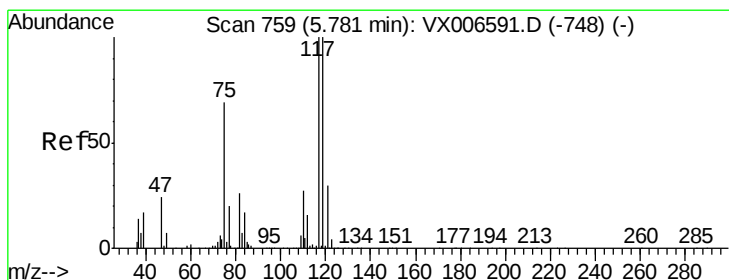
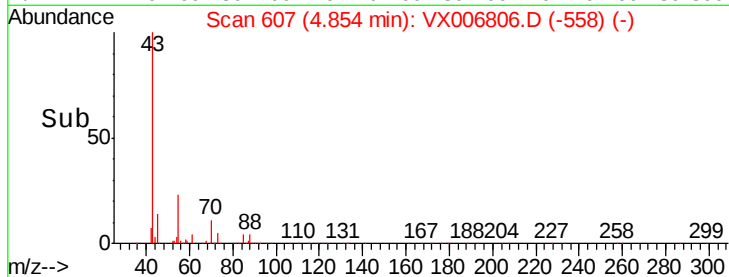
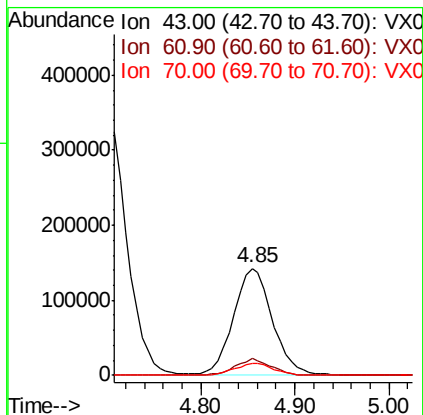
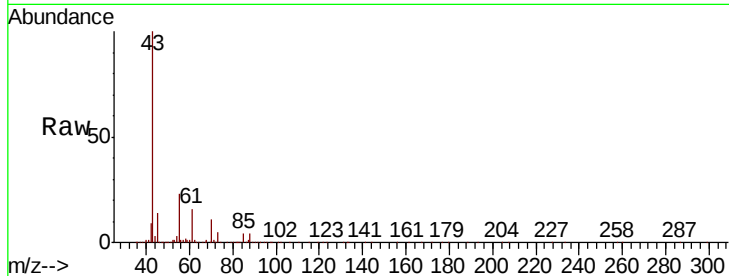




#37
Ethyl Acetate
Concen: 52.624 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006806.D
Acq: 24 Dec 2018 20:11

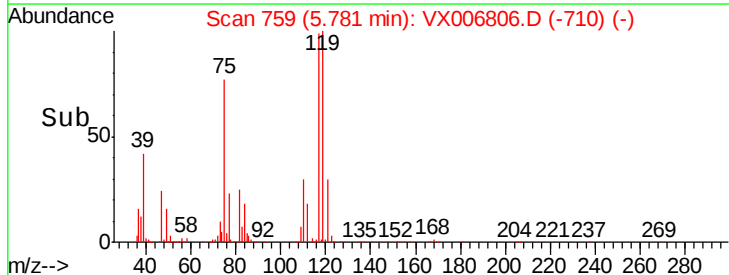
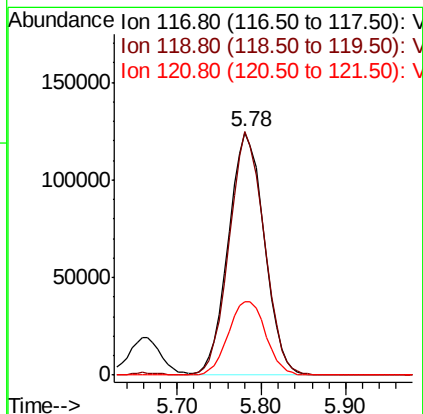
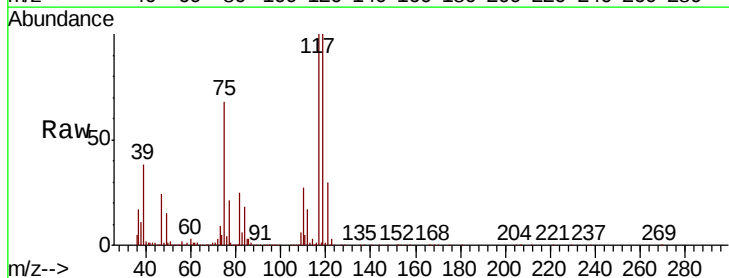
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

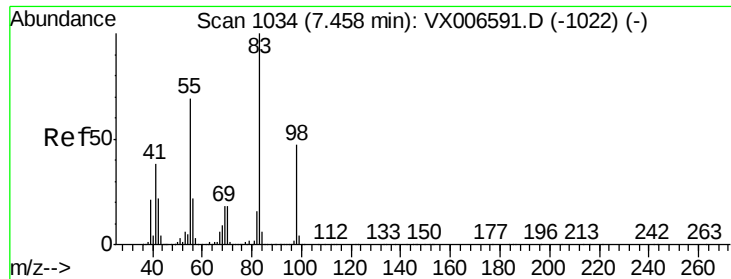
Tot Ion: 43 Resp: 404690
Ion Ratio Lower Upper
43 100
61 14.6 11.9 17.9
70 11.2 9.7 14.5



#38
Carbon Tetrachloride
Concen: 50.195 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006806.D
Acq: 24 Dec 2018 20:11

Tgt Ion: 117 Resp: 360425
Ion Ratio Lower Upper
117 100
119 100.3 79.4 119.2
121 30.0 24.0 36.0

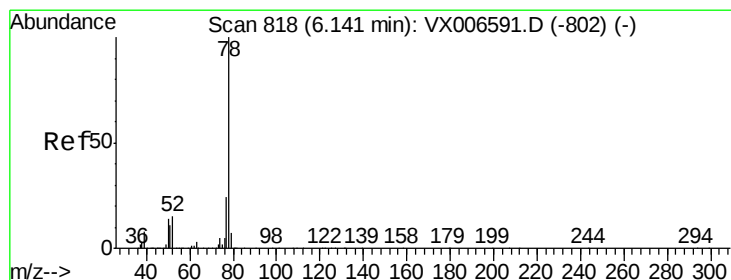
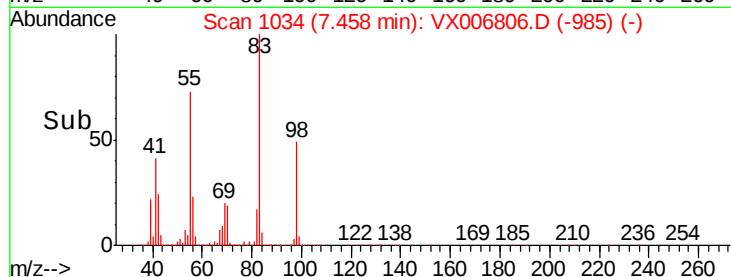
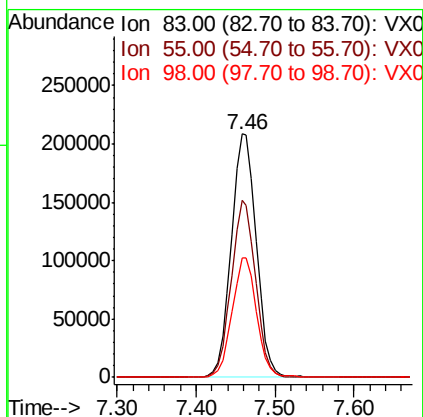
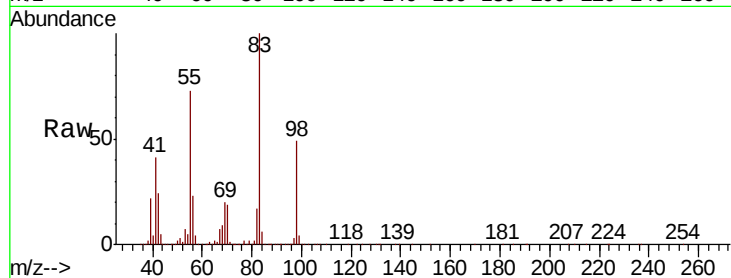




#39
Methvlcvclohexane
Concen: 47.376 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006806.D
Acq: 24 Dec 2018 20:11

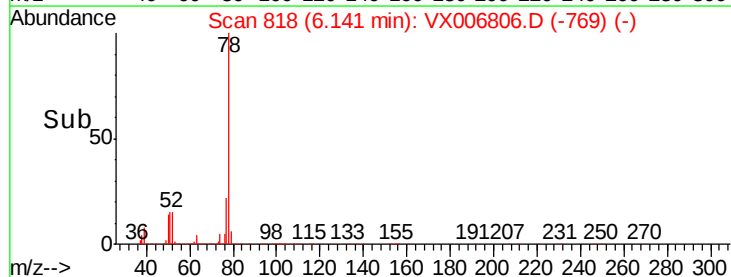
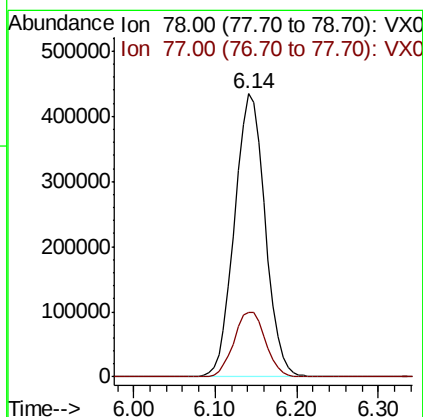
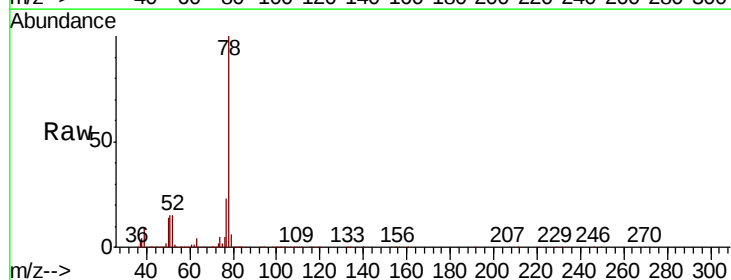
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

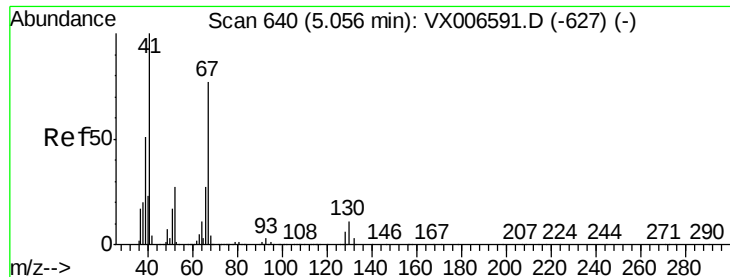
Tot Ion: 83 Resp: 460844
Ion Ratio Lower Upper
83 100
55 72.6 54.9 82.3
98 48.8 37.9 56.9



#40
Benzene
Concen: 50.324 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006806.D
Acq: 24 Dec 2018 20:11

Tgt Ion: 78 Resp: 1130219
Ion Ratio Lower Upper
78 100
77 22.6 19.2 28.8





#41

Methacrylonitrile

Concen: 56.303 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 229878

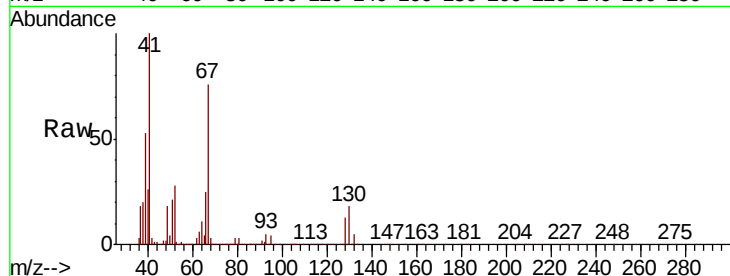
Ion Ratio Lower Upper

41 100

39 53.9 42.8 64.2

67 75.0 62.1 93.1

52 29.2 23.4 35.0

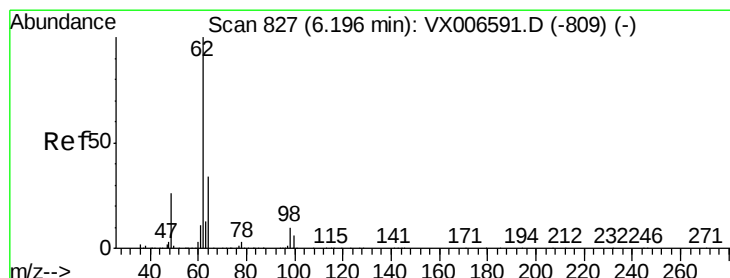
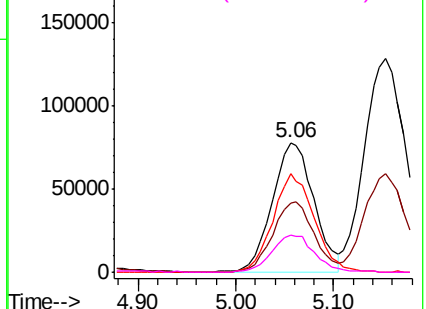
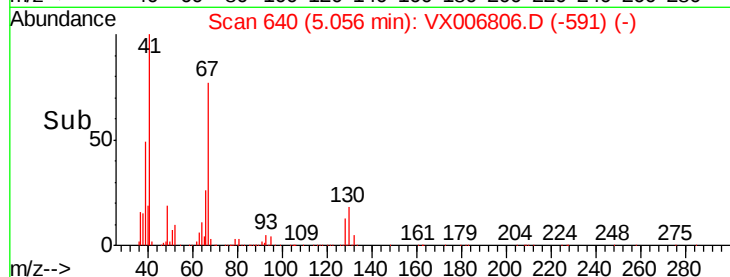


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.882 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX006806.D

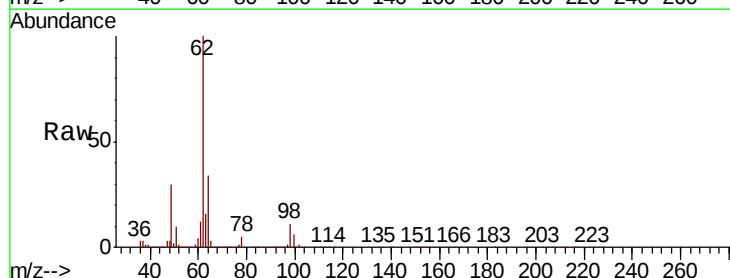
Acq: 24 Dec 2018 20:11

Tgt Ion: 62 Resp: 381750

Ion Ratio Lower Upper

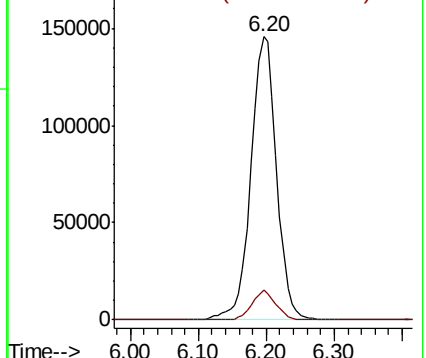
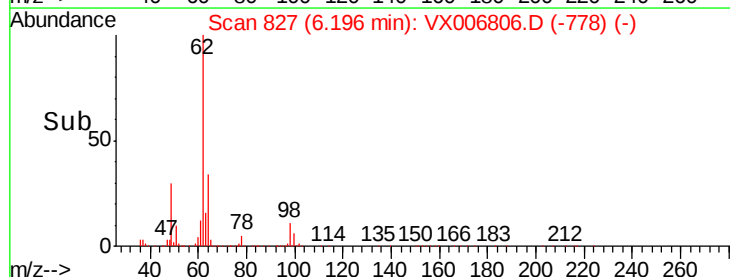
62 100

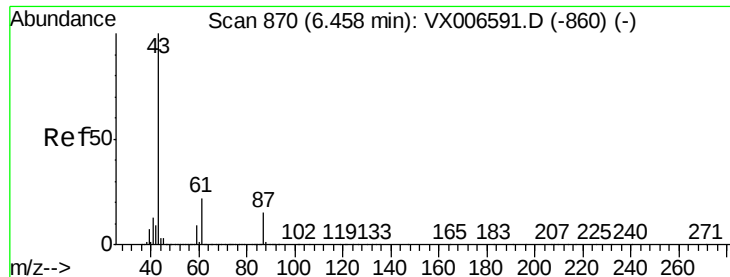
98 9.8 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



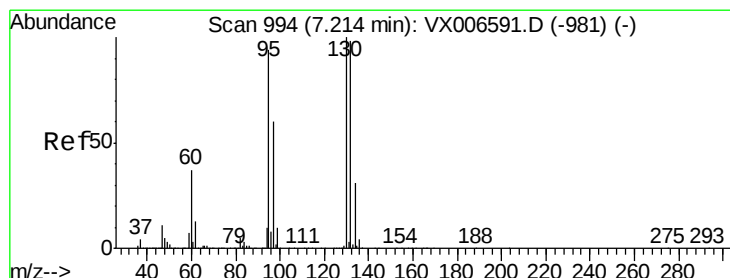
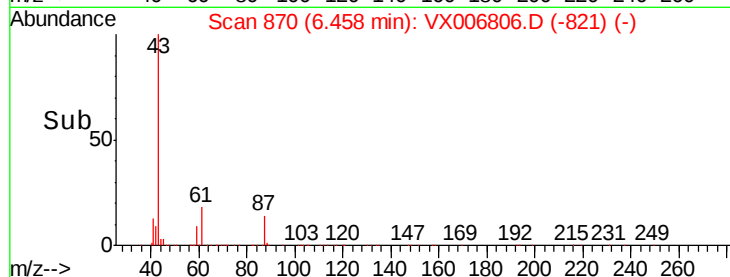
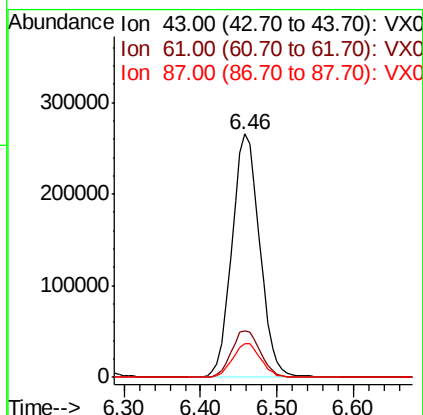
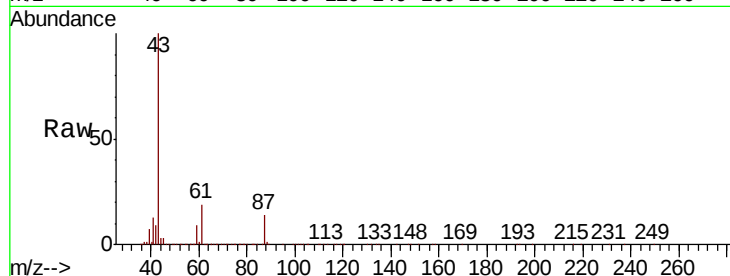


#43

Isopropyl Acetate
 Concen: 56.845 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX006806.D
 Acq: 24 Dec 2018 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

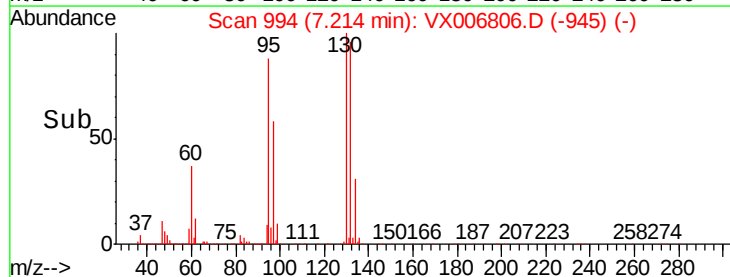
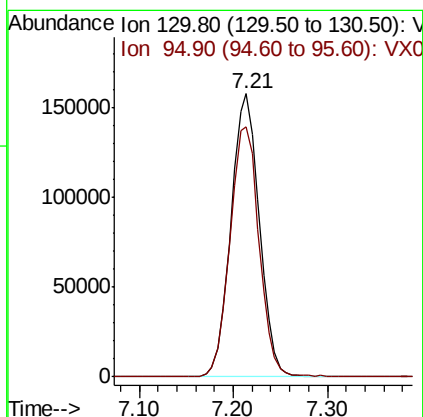
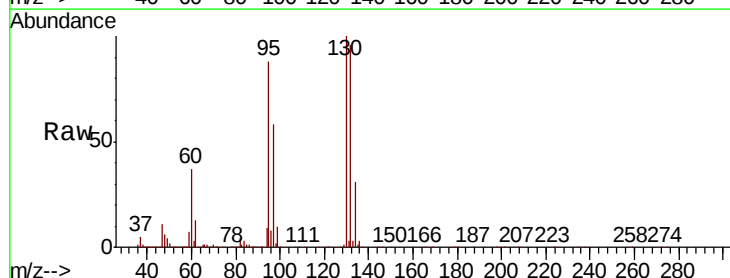
Tot Ion	43	Resp	665137
Ion Ratio	Lower	Upper	
43	100		
61	20.0	16.8	25.2
87	14.3	12.4	18.6

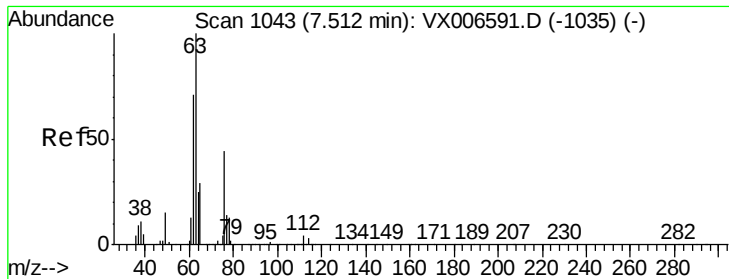


#44

Trichloroethene
 Concen: 48.636 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006806.D
 Acq: 24 Dec 2018 20:11

Tgt Ion	130	Resp	330607
Ion Ratio	Lower	Upper	
130	100		
95	88.2	0.0	187.0





#45

1,2-Dichloropropane

Concen: 52.849 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

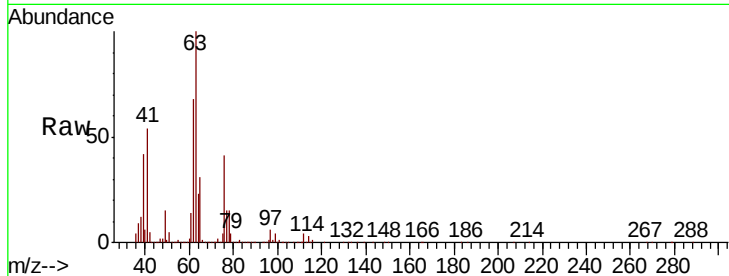
VSTDCCC050EC

Tot Ion: 63 Resp: 288837

Ion Ratio Lower Upper

63 100

65 30.5 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

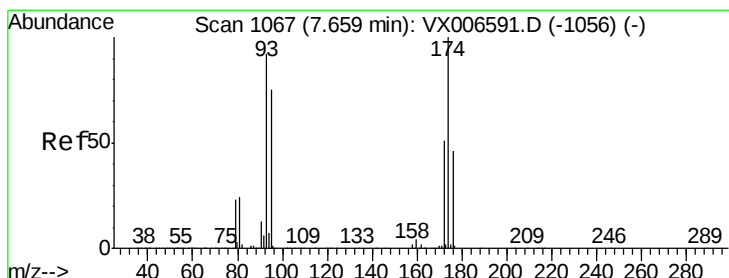
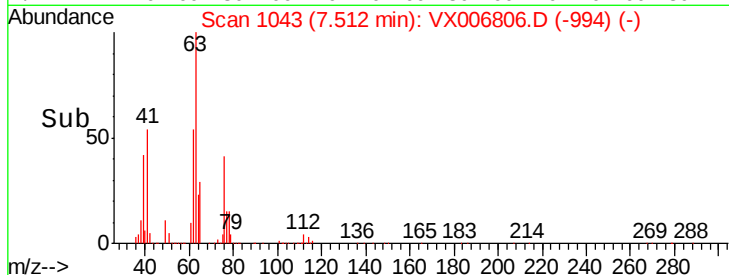
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 49.980 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

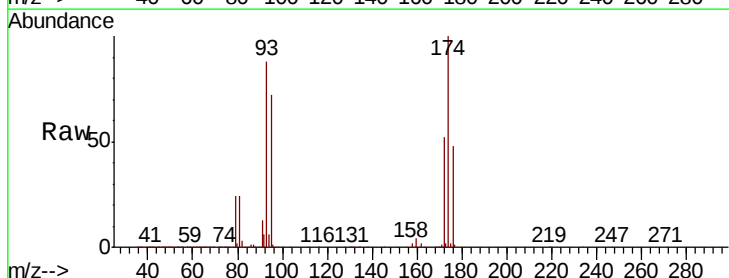
Tgt Ion: 93 Resp: 200921

Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.4

174 118.5 91.0 136.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

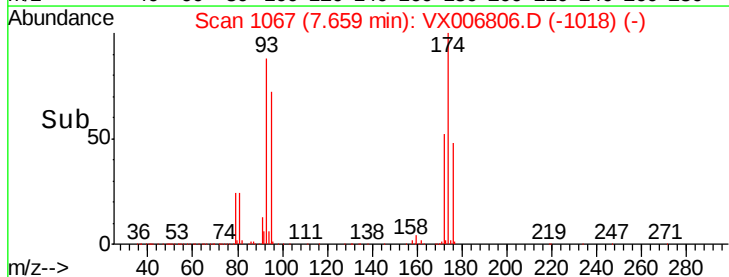
150000

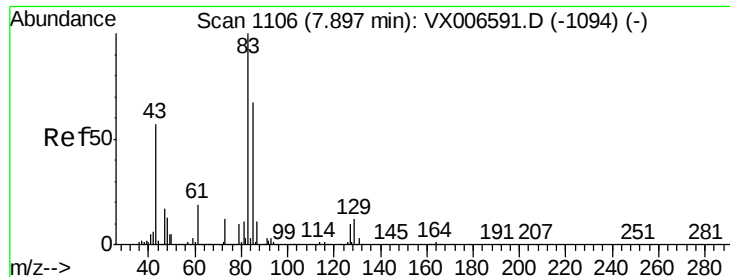
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 52.702 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

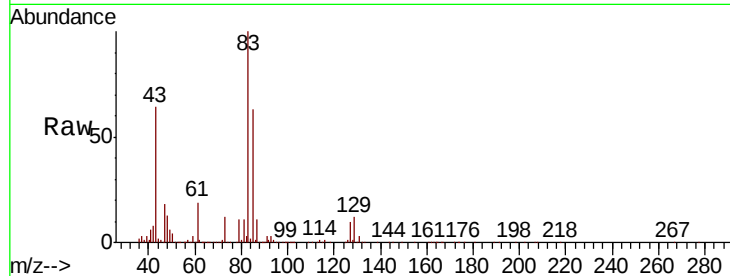
Tot Ion: 83 Resp: 351745

Ion Ratio Lower Upper

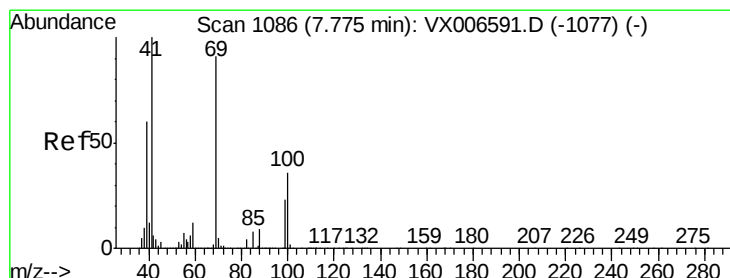
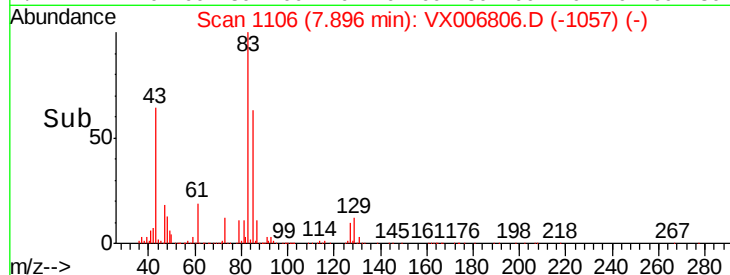
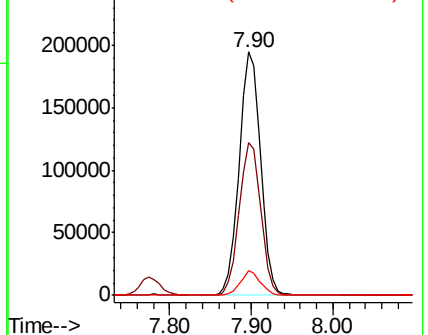
83 100

85 62.8 53.2 79.8

127 10.1 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 56.663 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

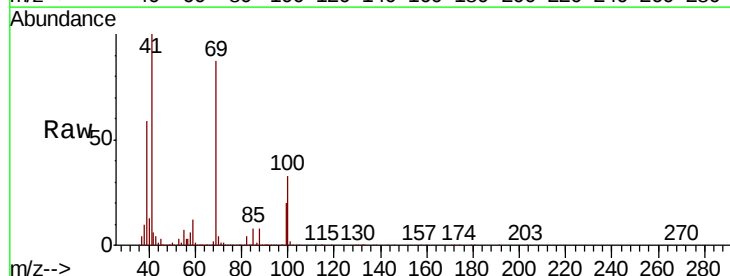
Tgt Ion: 41 Resp: 337162

Ion Ratio Lower Upper

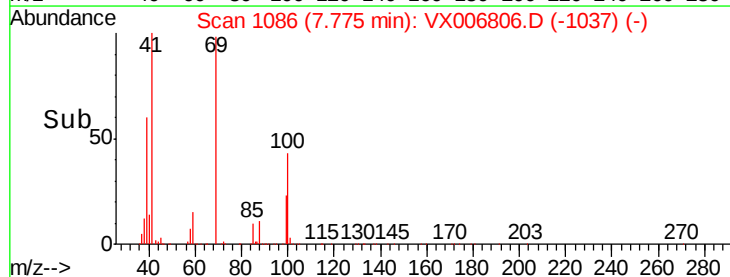
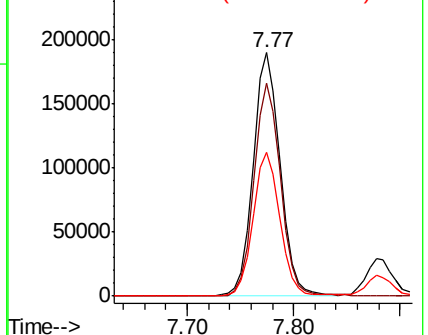
41 100

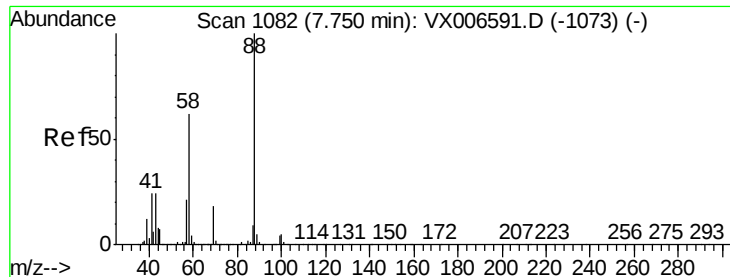
69 86.8 72.4 108.6

39 58.8 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

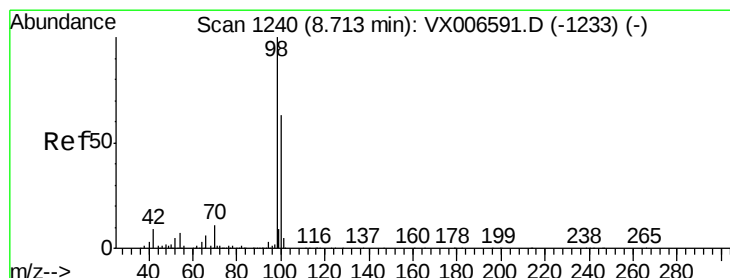
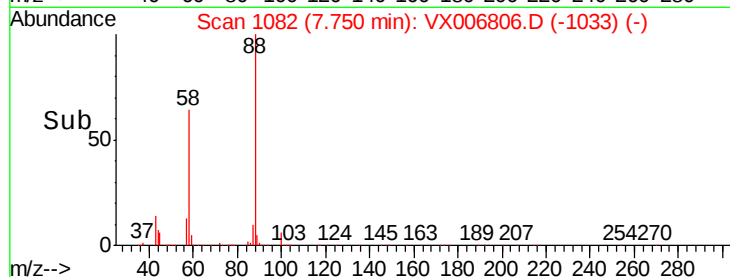
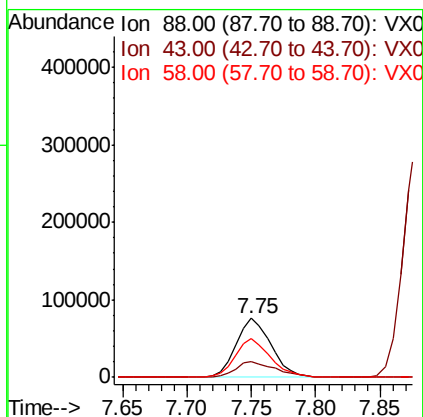
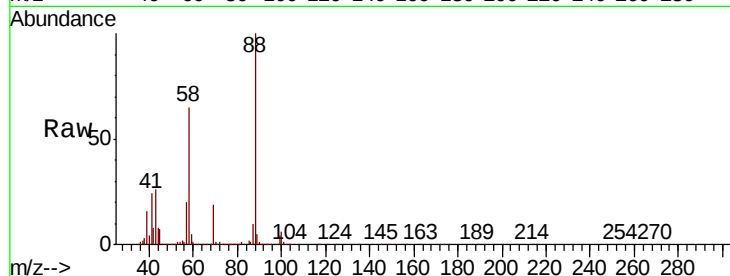




#49
1,4-Dioxane
Concen: 916.117 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006806.D
Acq: 24 Dec 2018 20:11

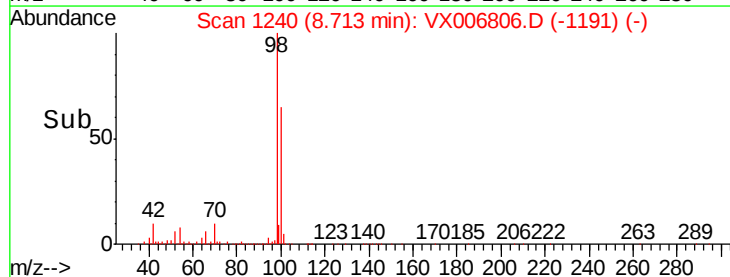
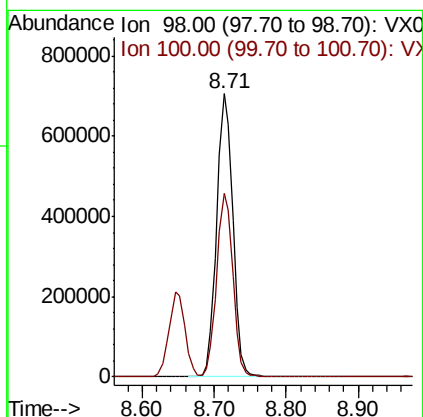
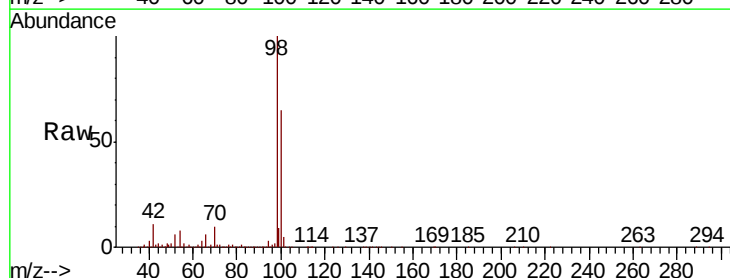
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

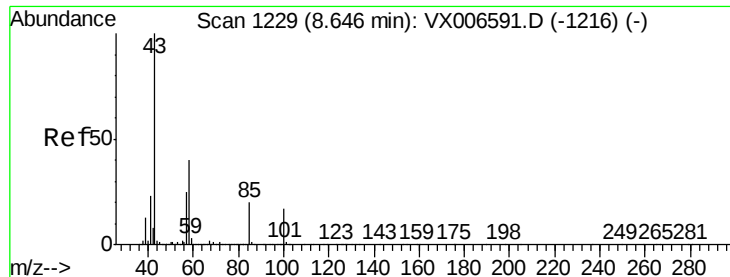
Tot Ion: 88 Resp: 142886
Ion Ratio Lower Upper
88 100
43 30.8 22.2 33.4
58 66.4 51.0 76.4



#50
Toluene-d8
Concen: 51.410 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006806.D
Acq: 24 Dec 2018 20:11

Tgt Ion: 98 Resp: 1093408
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0

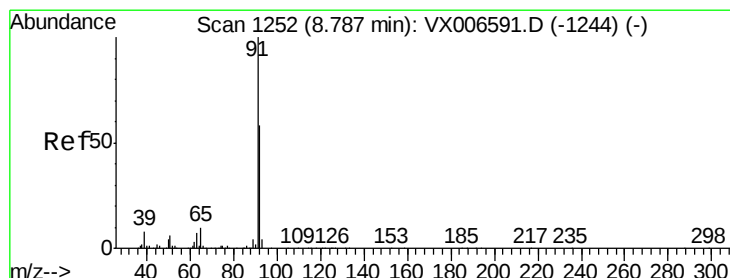
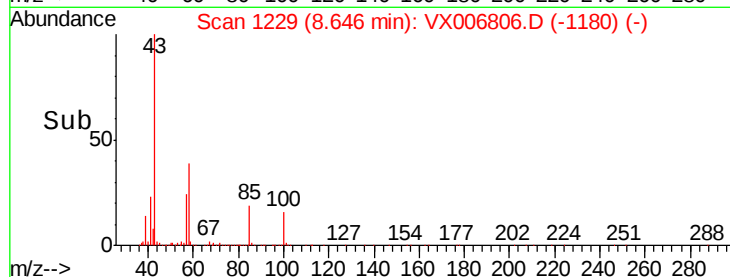
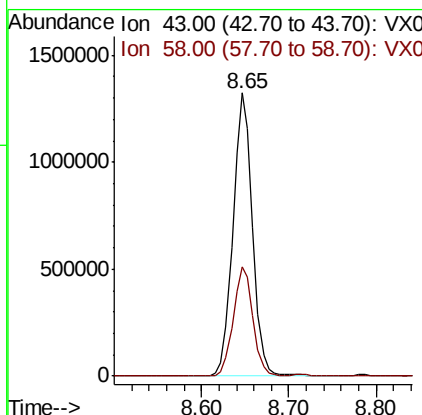
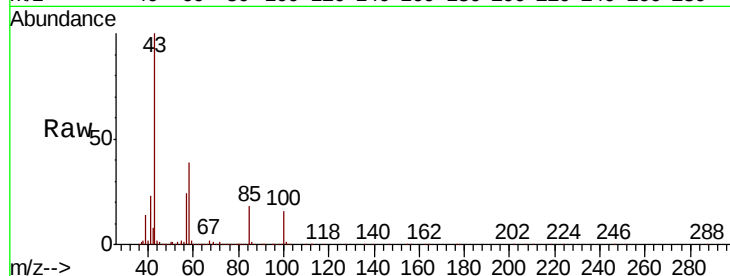




#51
4-Methyl-2-Pentanone
Concen: 275.783 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX006806.D
Acq: 24 Dec 2018 20:11

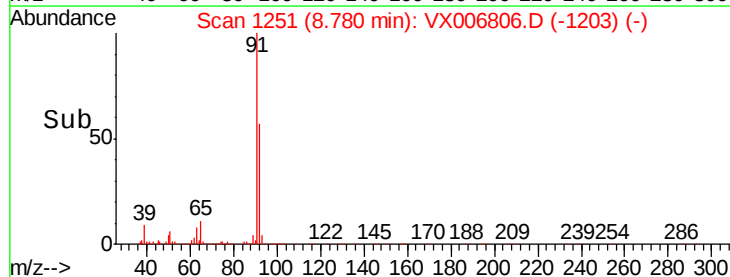
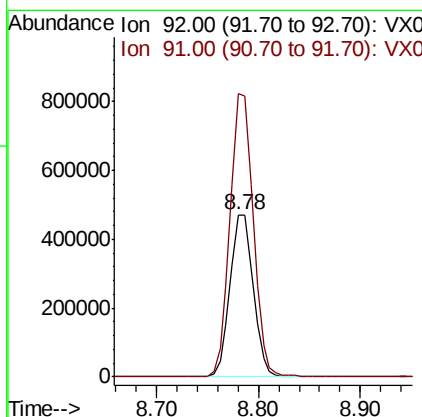
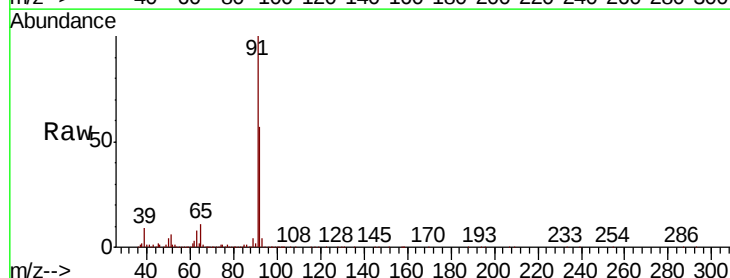
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

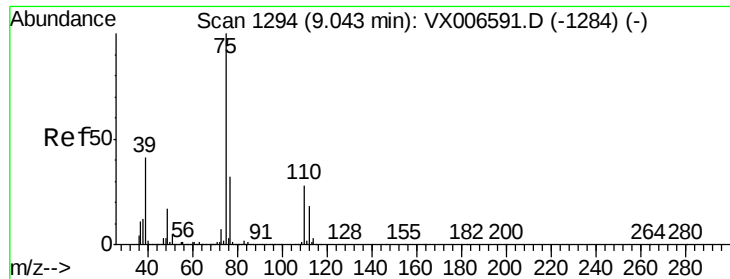
Tot Ion: 43 Resp: 2053197
Ion Ratio Lower Upper
43 100
58 38.8 31.8 47.6



#52
Toluene
Concen: 51.322 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX006806.D
Acq: 24 Dec 2018 20:11

Tgt Ion: 92 Resp: 744649
Ion Ratio Lower Upper
92 100
91 174.3 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 54.746 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

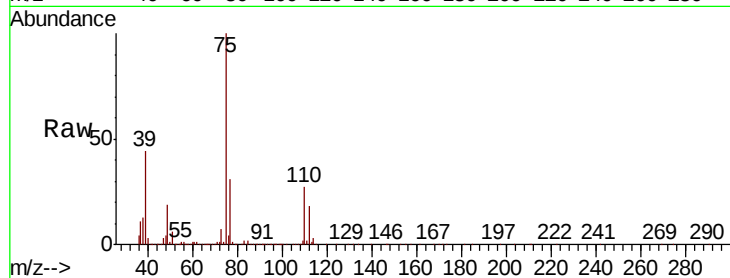
VSTDCCC050EC

Tot Ion: 75 Resp: 391871

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

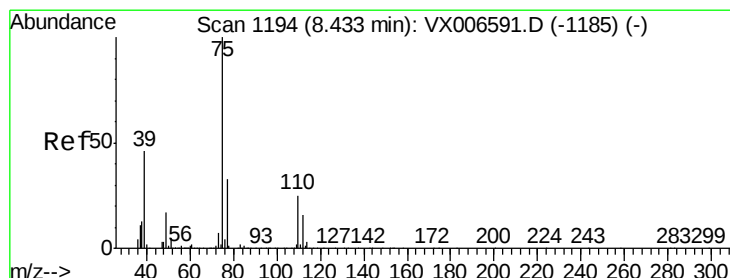
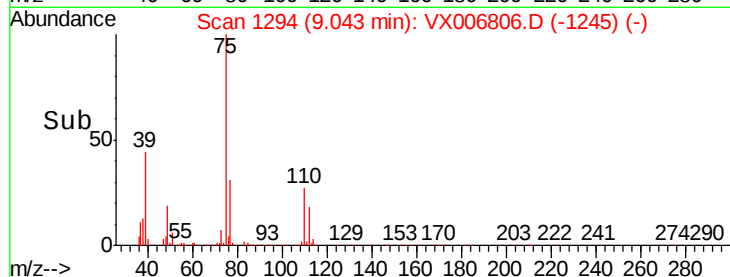
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 54.649 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

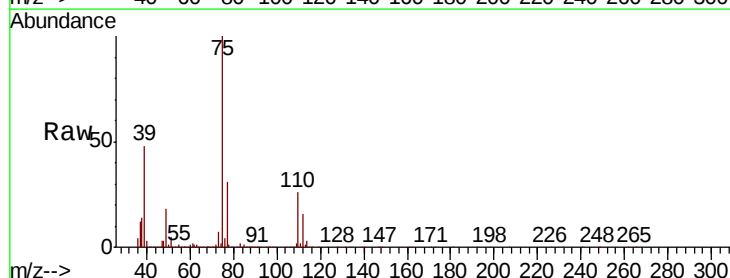
Tgt Ion: 75 Resp: 429222

Ion Ratio Lower Upper

75 100

77 31.0 26.2 39.2

39 48.1 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

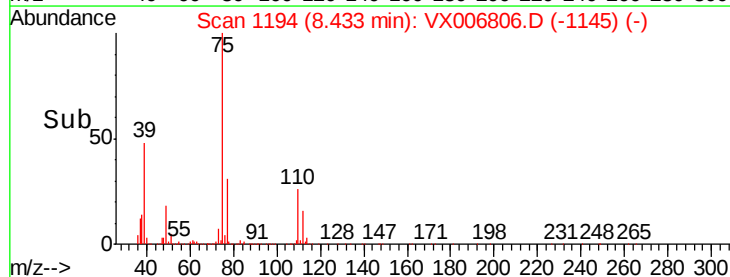
300000

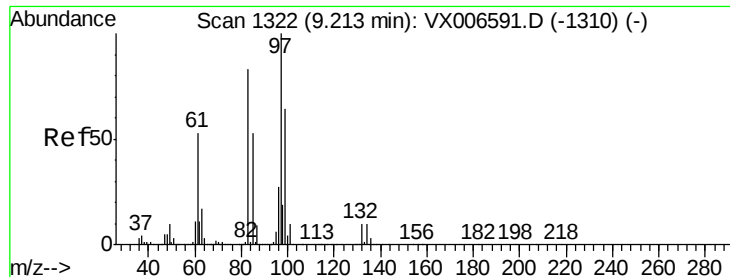
200000

100000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 51.670 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 306865

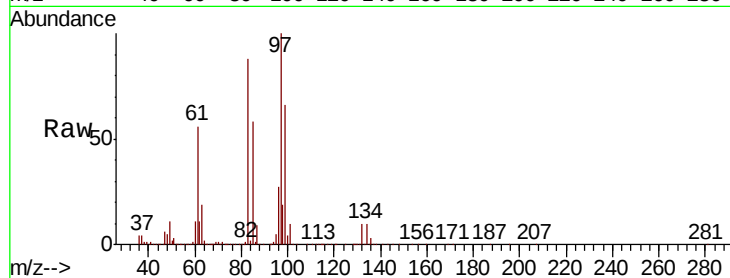
Ion Ratio Lower Upper

97 100

83 88.0 66.6 99.8

85 57.9 42.7 64.1

99 66.2 50.8 76.2

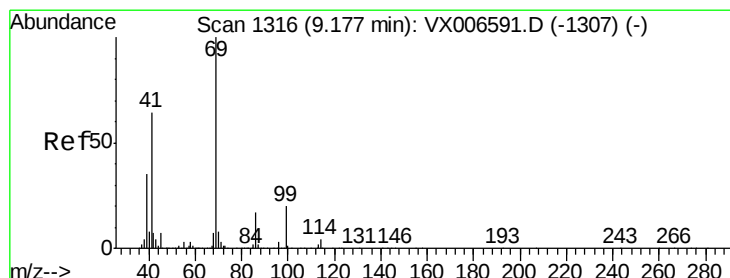
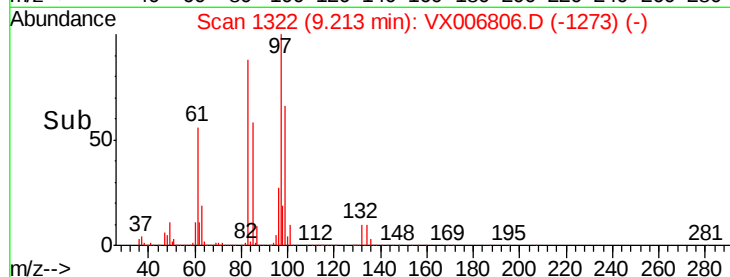
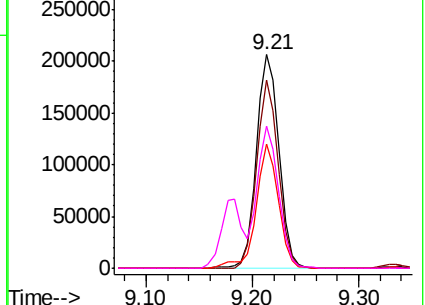


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 54.914 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

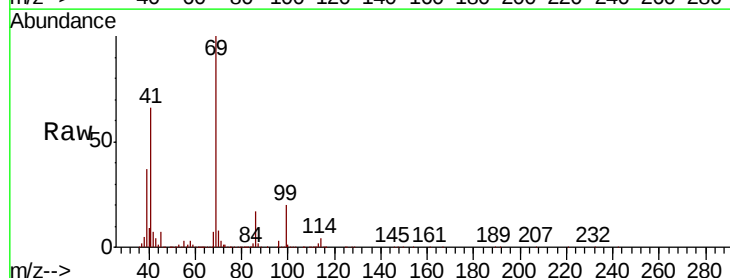
Tgt Ion: 69 Resp: 460946

Ion Ratio Lower Upper

69 100

41 64.1 48.7 73.1

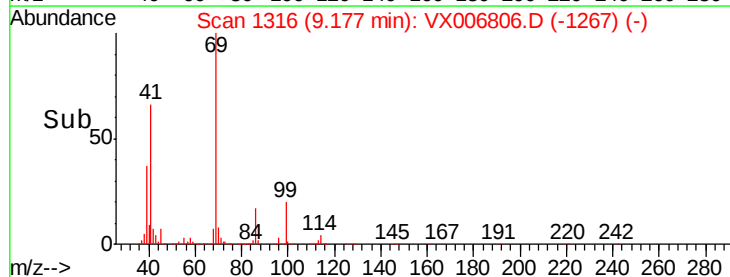
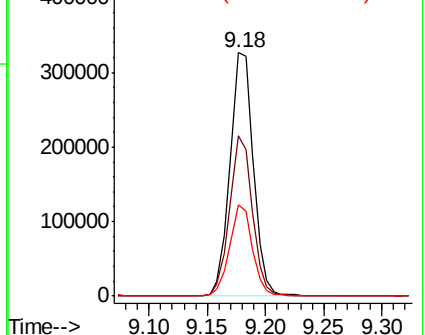
39 36.3 27.0 40.6

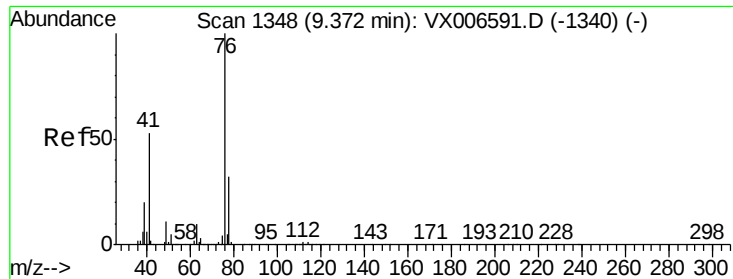


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.649 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

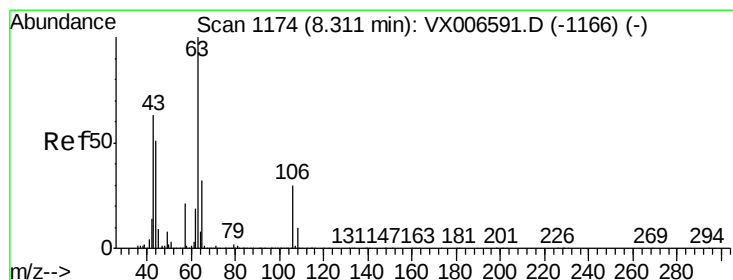
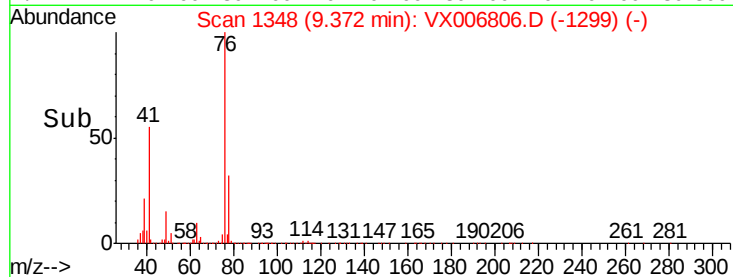
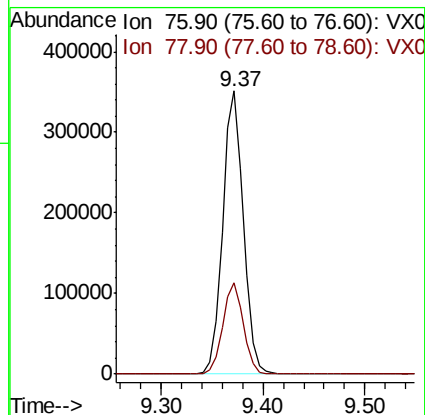
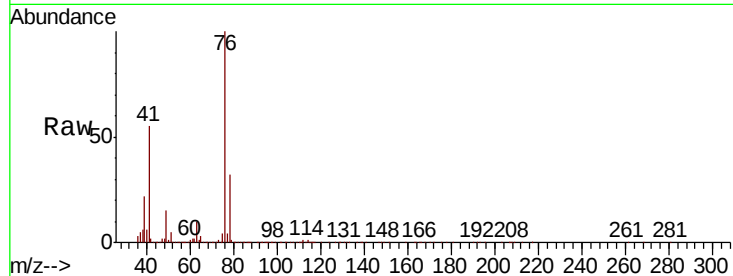
VSTDCCC050EC

Tot Ion: 76 Resp: 493509

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 268.001 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006806.D

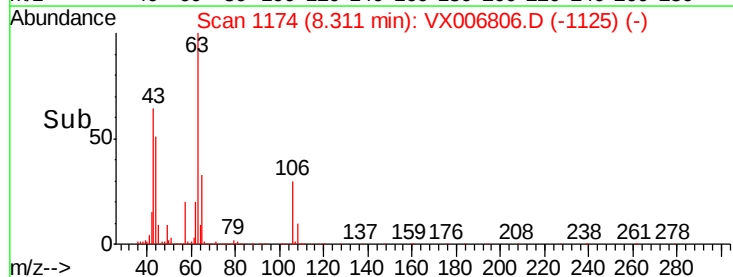
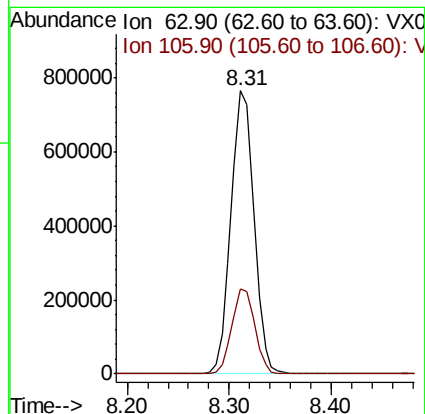
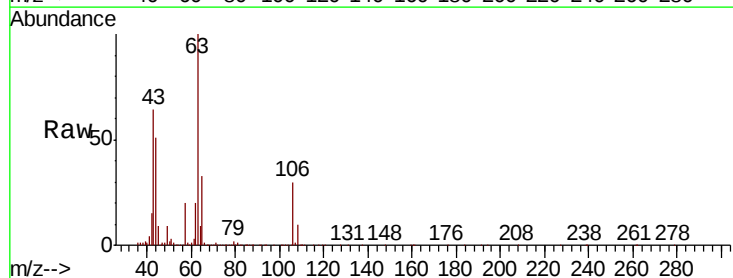
Acq: 24 Dec 2018 20:11

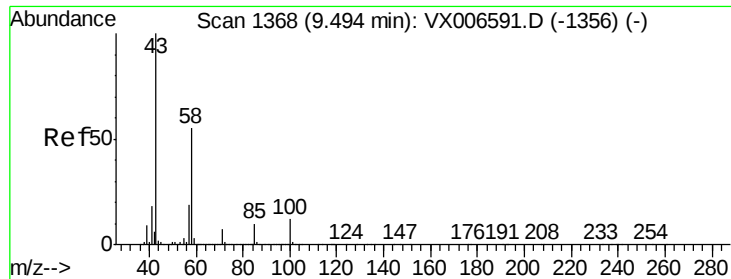
Tgt Ion: 63 Resp: 1195806

Ion Ratio Lower Upper

63 100

106 30.0 24.6 36.8

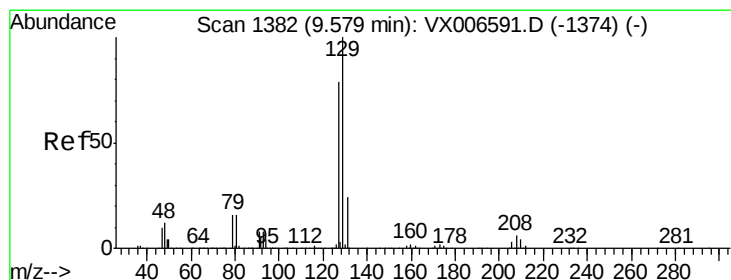
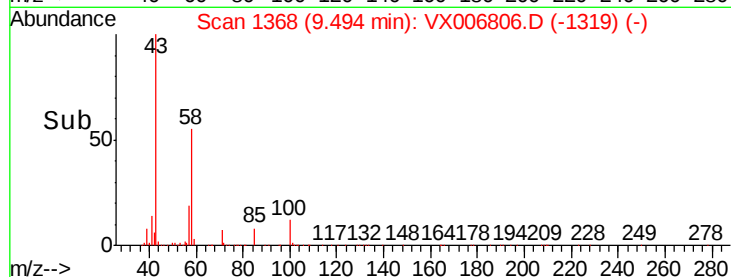
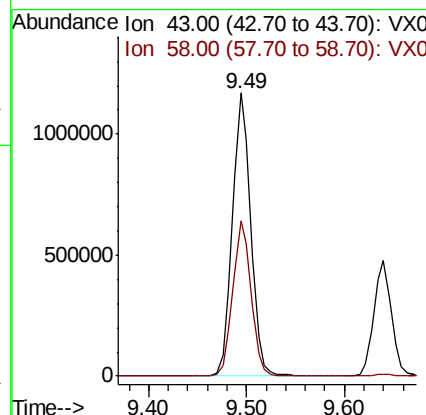
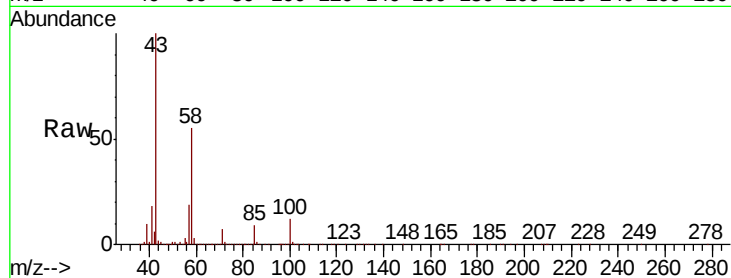




#59
2-Hexanone
Concen: 267.158 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006806.D
Acq: 24 Dec 2018 20:11

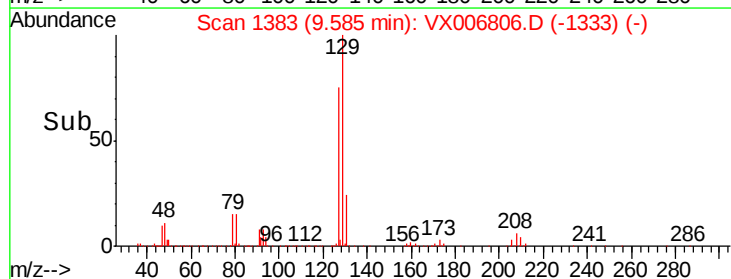
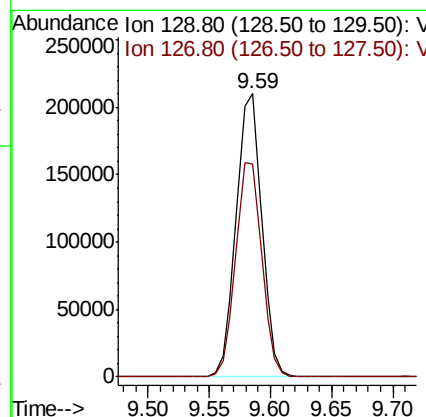
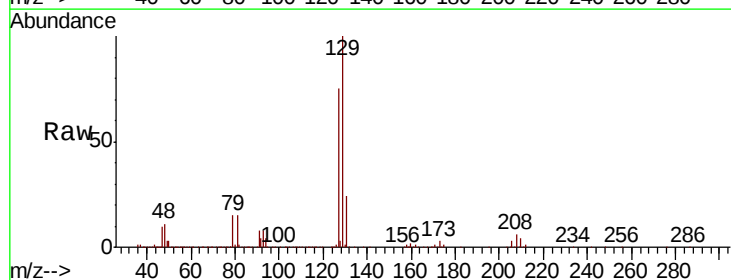
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

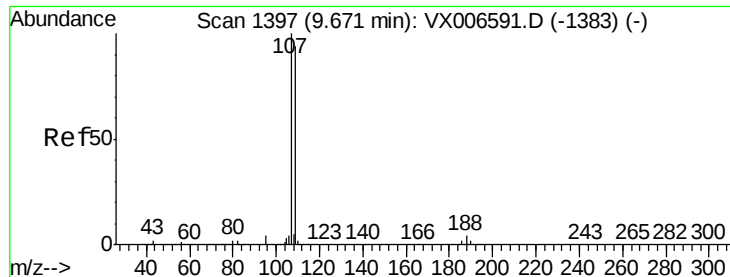
Tot Ion: 43 Resp: 1521808
Ion Ratio Lower Upper
43 100
58 55.1 27.7 83.1



#60
Dibromochloromethane
Concen: 49.049 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006806.D
Acq: 24 Dec 2018 20:11

Tgt Ion: 129 Resp: 304380
Ion Ratio Lower Upper
129 100
127 77.1 39.3 117.8





#61

1,2-Dibromoethane

Concen: 53.264 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

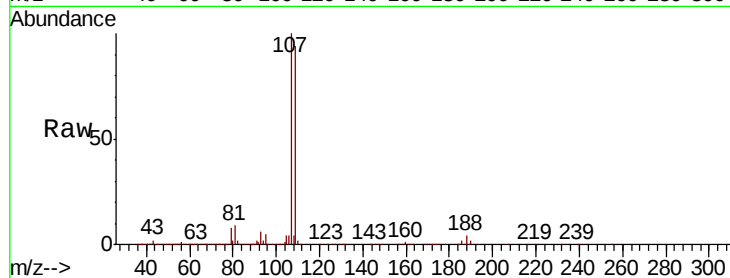
VSTDCCC050EC

Tot Ion:107 Resp: 336269

Ion Ratio Lower Upper

107 100

109 93.1 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

250000

200000

150000

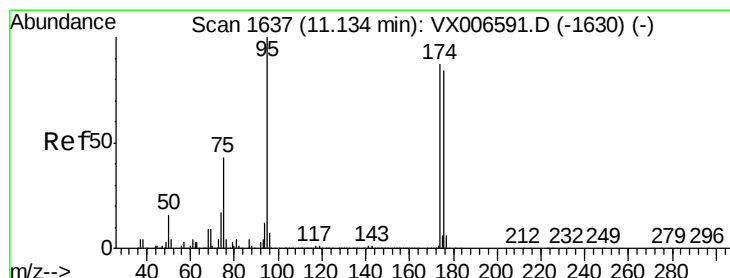
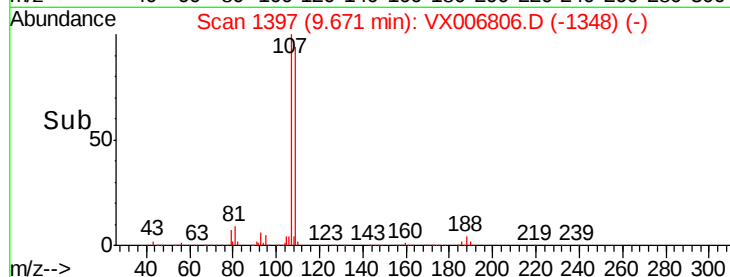
100000

50000

0

9.55 9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 50.892 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

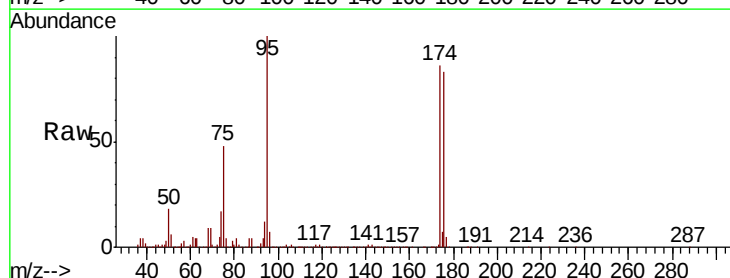
Tgt Ion: 95 Resp: 396413

Ion Ratio Lower Upper

95 100

174 93.9 0.0 182.2

176 91.3 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

400000

300000

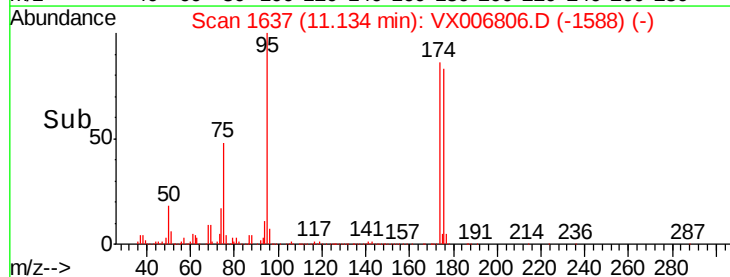
200000

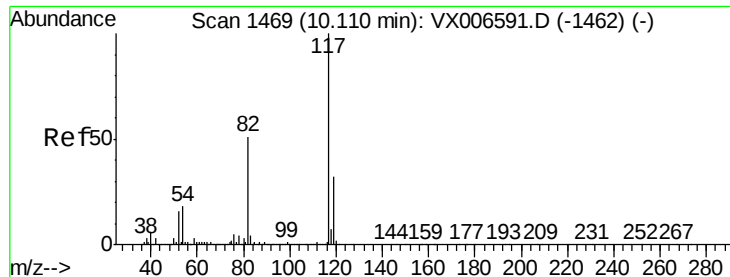
100000

0

11.10 11.20

Time-->

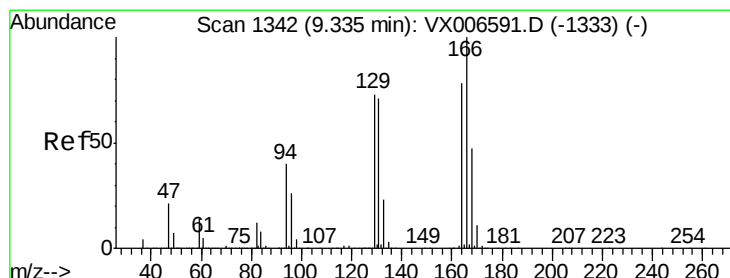
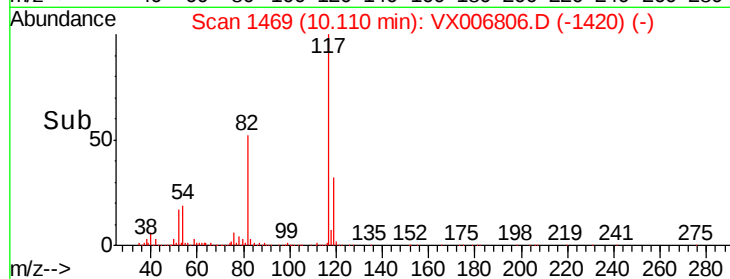
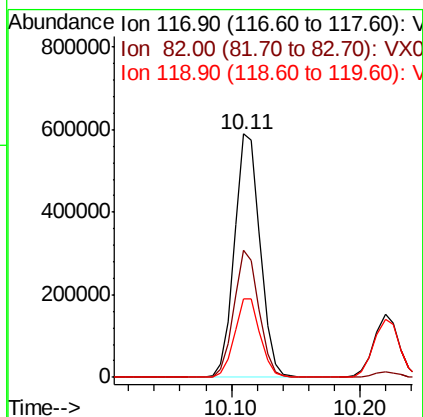
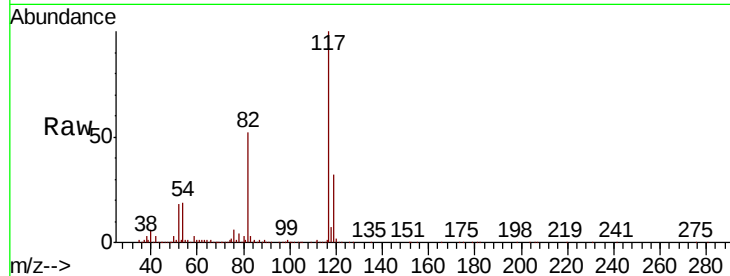




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006806.D
Acq: 24 Dec 2018 20:11

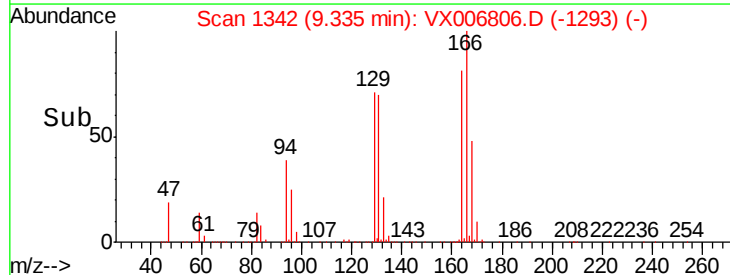
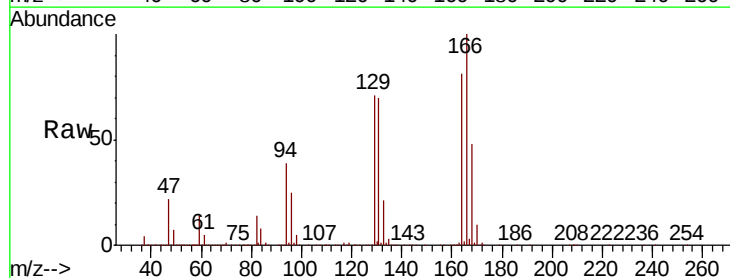
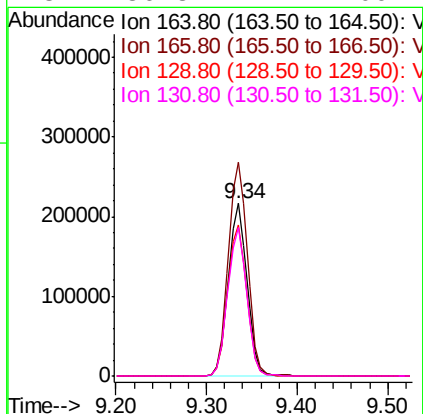
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

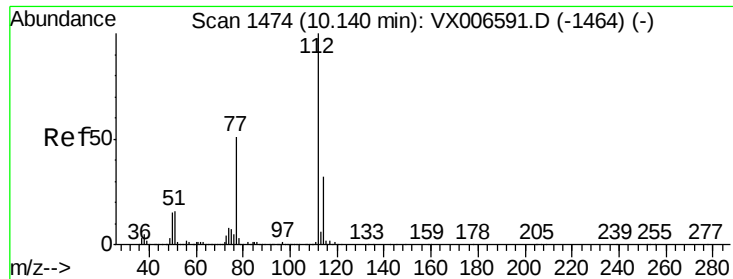
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.0	61.6
119	32.1	25.4	38.0



#64
Tetrachloroethene
Concen: 48.148 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006806.D
Acq: 24 Dec 2018 20:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.9	102.5	153.7
129	87.5	75.1	112.7
131	86.3	72.7	109.1

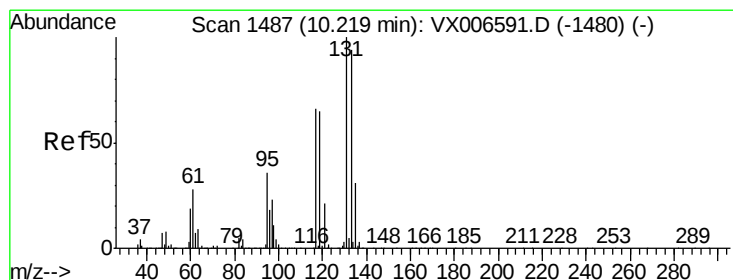
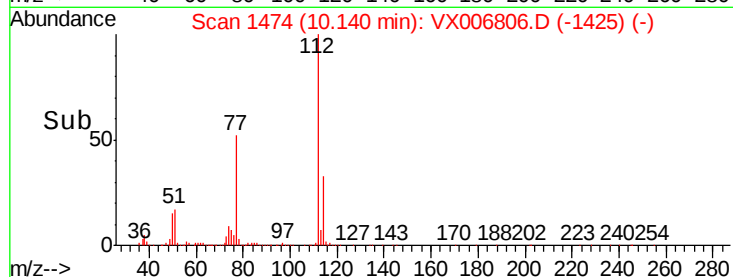
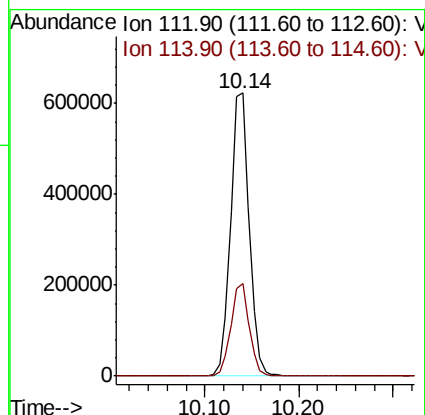
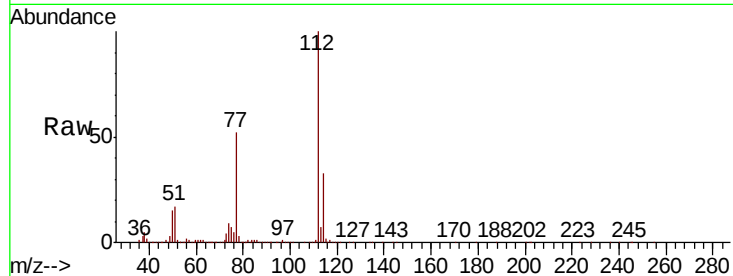




#65
Chlorobenzene
Concen: 49.559 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006806.D
Acq: 24 Dec 2018 20:11

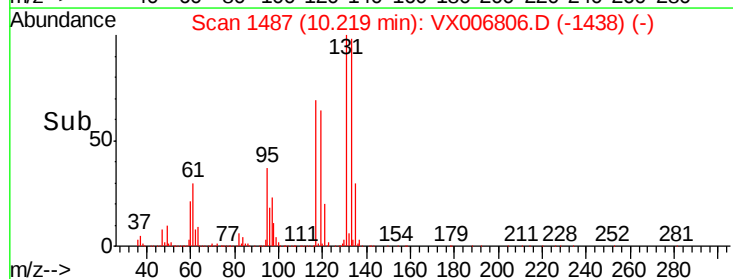
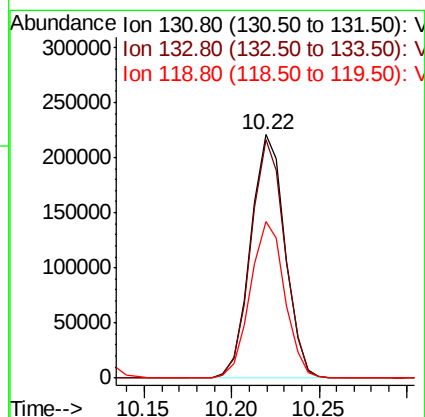
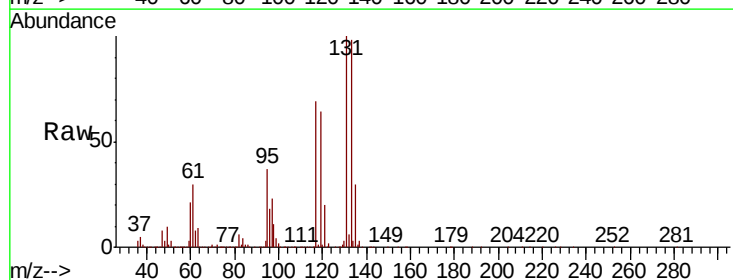
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

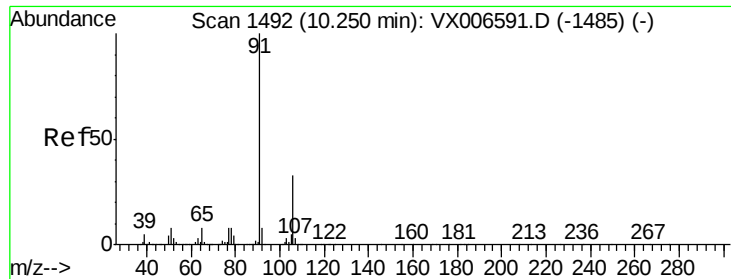
Tot Ion:112 Resp: 857195
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 55.681 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006806.D
Acq: 24 Dec 2018 20:11

Tgt Ion:131 Resp: 300477
Ion Ratio Lower Upper
131 100
133 97.4 48.0 144.2
119 64.4 32.6 97.8





#67

Ethyl Benzene

Concen: 50.768 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

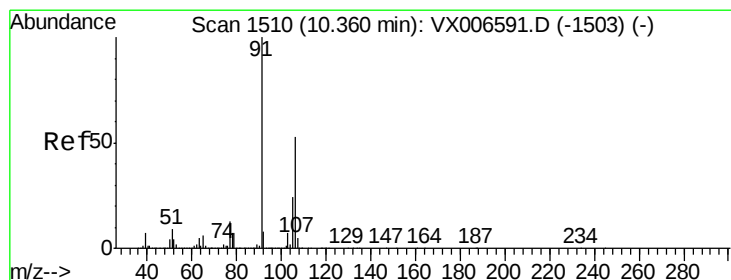
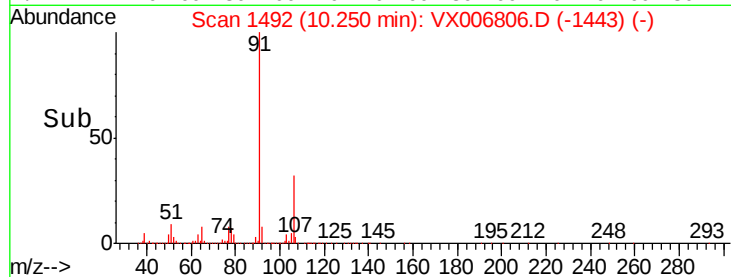
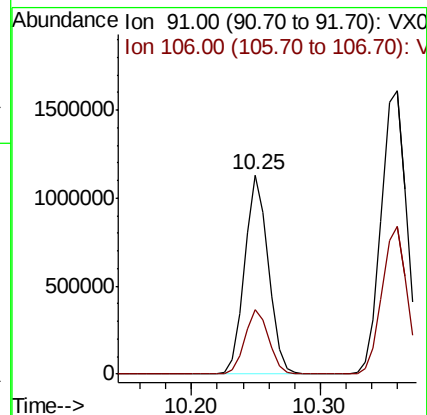
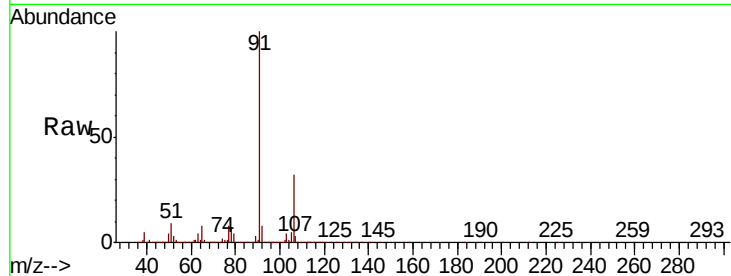
VSTDCCC050EC

Tot Ion: 91 Resp: 1434880

Ion Ratio Lower Upper

91 100

106 32.4 26.4 39.6



#68

m/p-Xylenes

Concen: 100.445 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006806.D

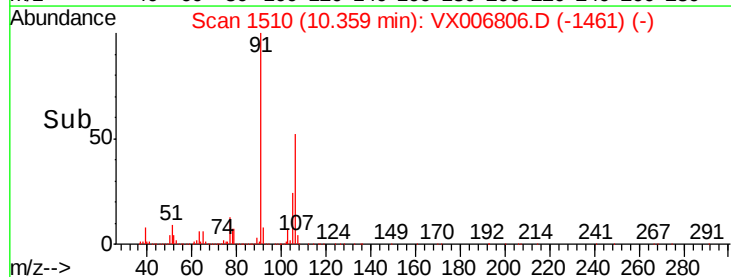
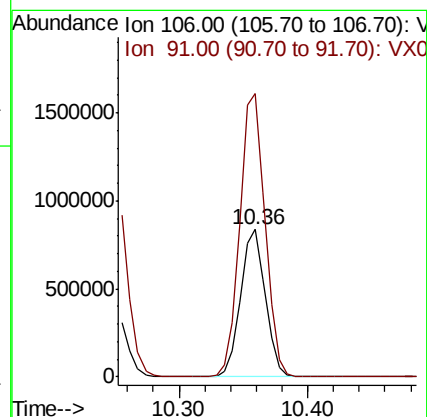
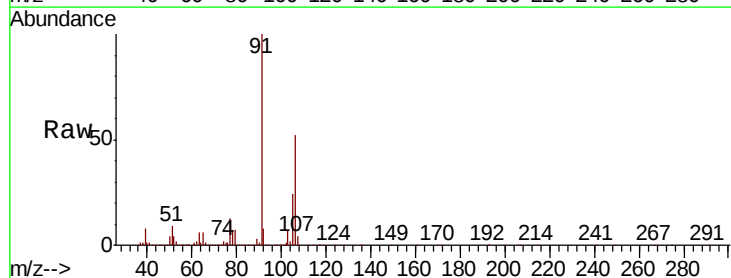
Acq: 24 Dec 2018 20:11

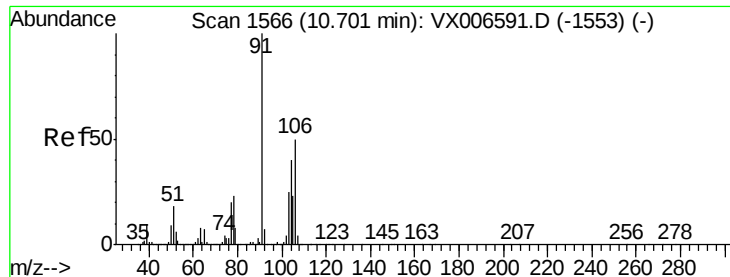
Tgt Ion: 106 Resp: 1120227

Ion Ratio Lower Upper

106 100

91 195.6 155.8 233.6

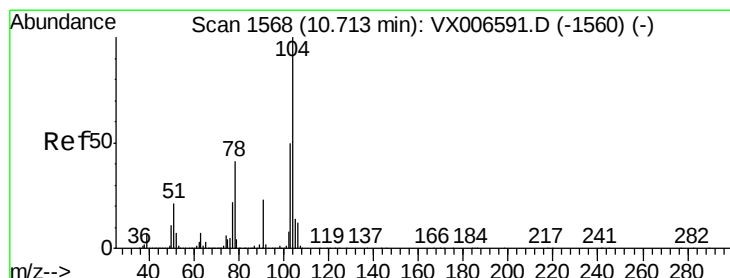
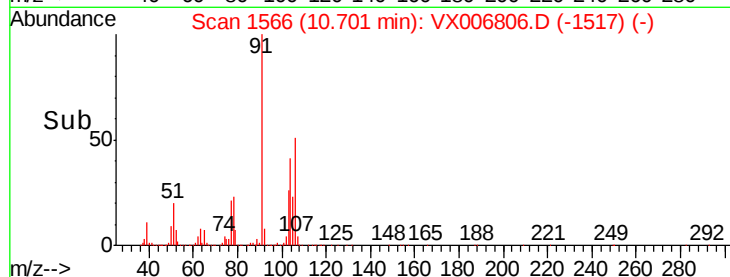
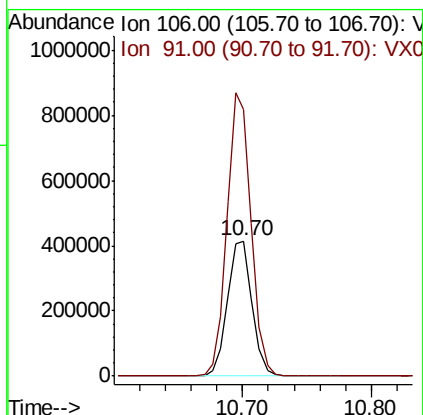
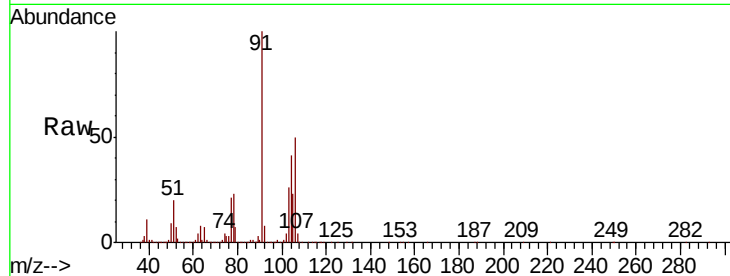




#69
o-Xylene
Concen: 50.449 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006806.D
Acq: 24 Dec 2018 20:11

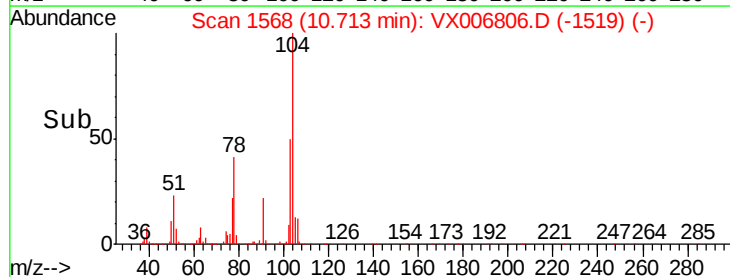
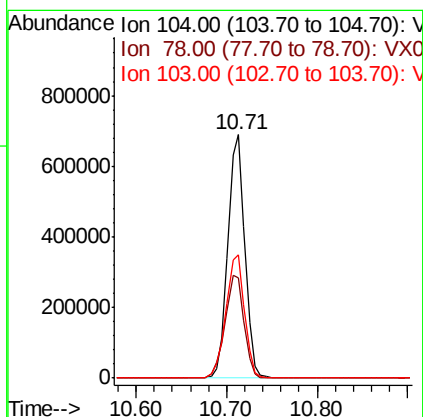
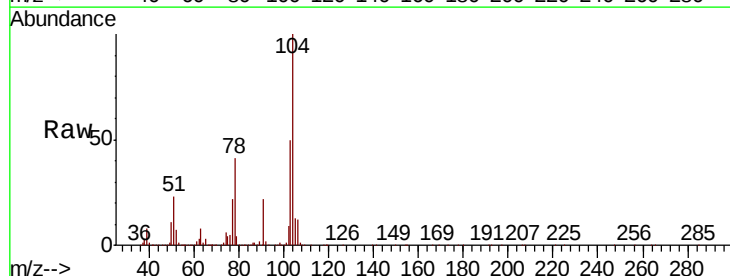
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

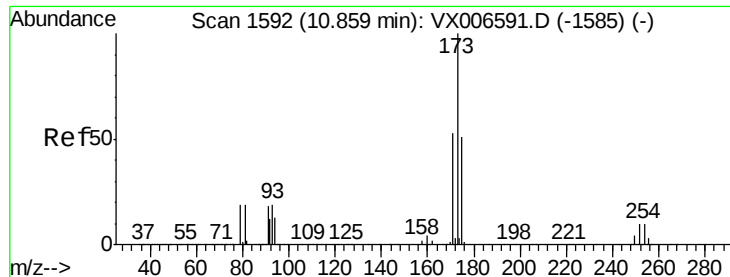
Tot Ion:106 Resp: 555594
Ion Ratio Lower Upper
106 100
91 204.8 101.3 303.7



#70
Styrene
Concen: 51.370 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006806.D
Acq: 24 Dec 2018 20:11

Tgt Ion:104 Resp: 895040
Ion Ratio Lower Upper
104 100
78 47.6 37.7 56.5
103 55.8 43.8 65.8

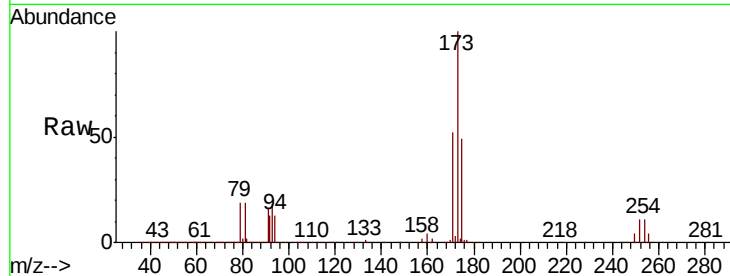




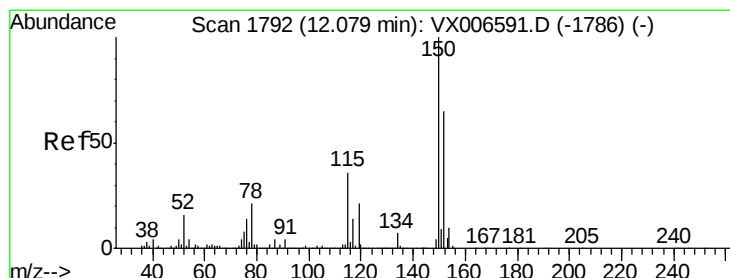
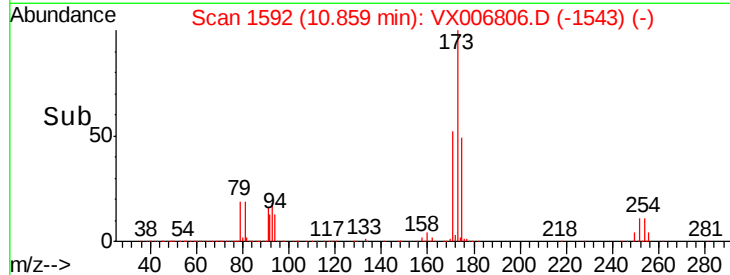
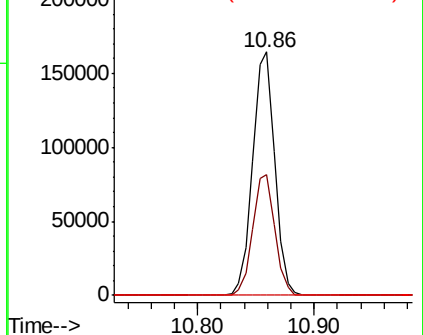
#71
Bromoform
Concen: 45.330 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006806.D
Acq: 24 Dec 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 218421
Ion Ratio Lower Upper
173 100
175 49.7 24.7 74.1
254 0.2 0.2 0.2

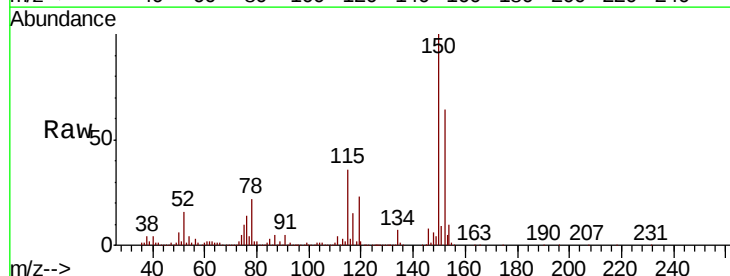


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

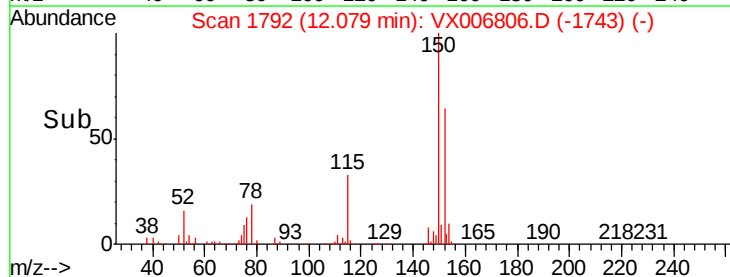
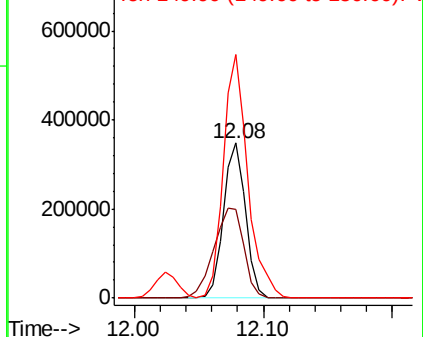


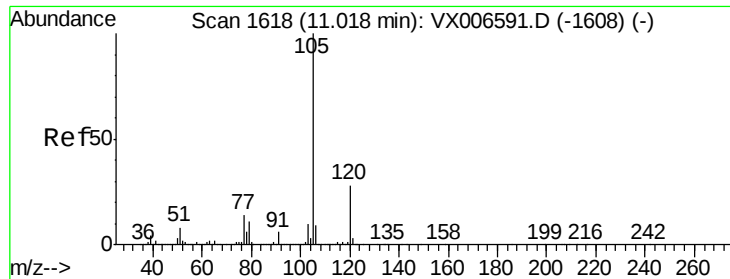
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006806.D
Acq: 24 Dec 2018 20:11

Tgt Ion:152 Resp: 420080
Ion Ratio Lower Upper
152 100
115 78.1 39.1 117.2
150 173.6 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: 51.256 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA_X

ClientSampled :

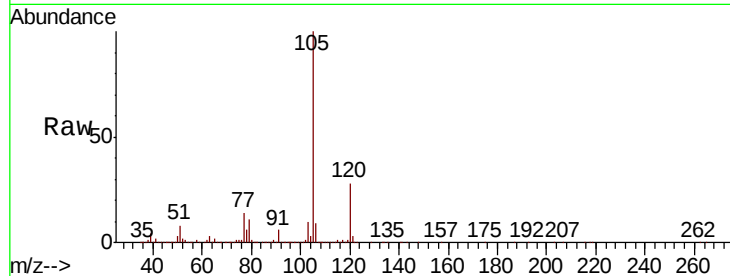
VSTDCCC050EC

Tot Ion:105 Resp: 1473009

Ion Ratio Lower Upper

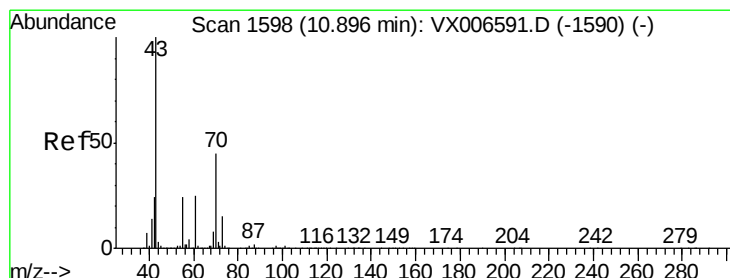
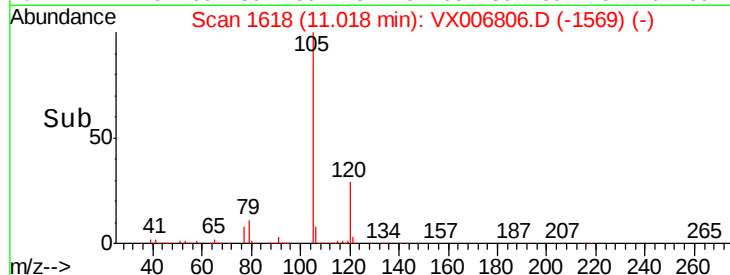
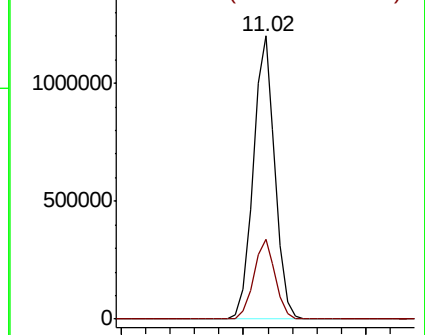
105 100

120 28.0 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.567 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Tgt Ion: 43 Resp: 592178

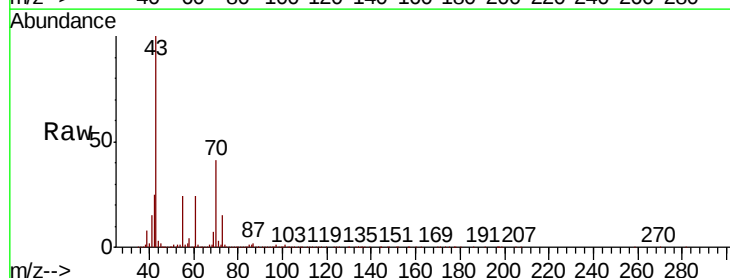
Ion Ratio Lower Upper

43 100

70 42.0 35.8 53.8

55 23.3 19.4 29.0

61 24.2 20.1 30.1

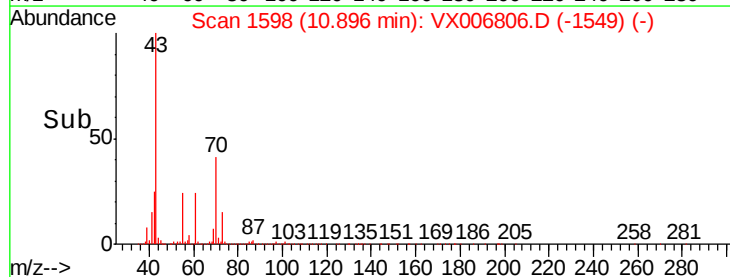
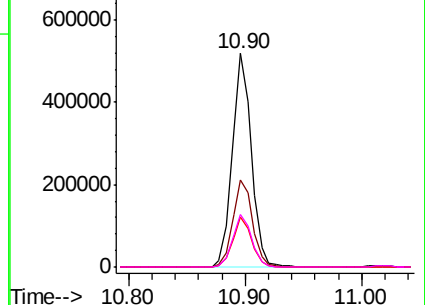


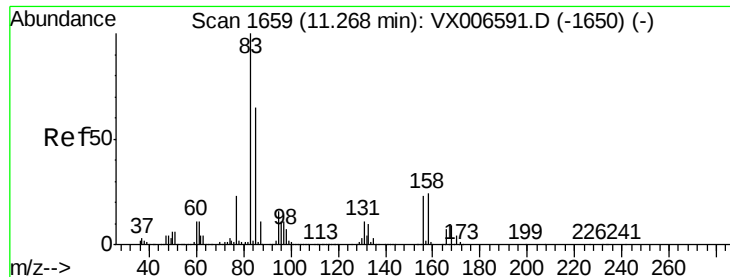
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.257 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

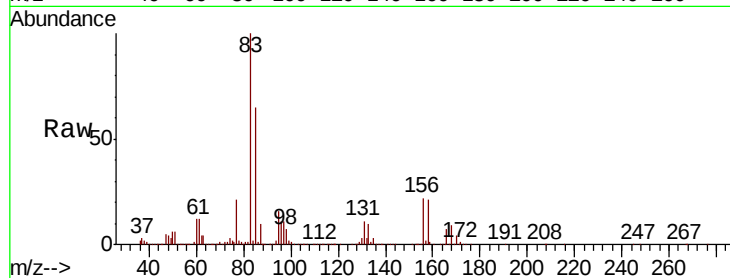
Tot Ion: 83 Resp: 455182

Ion Ratio Lower Upper

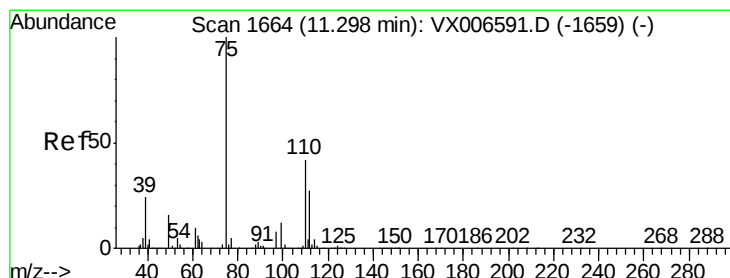
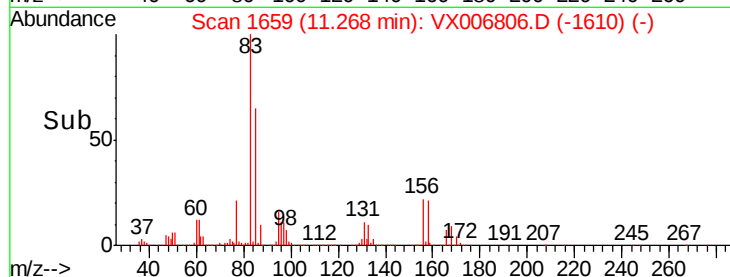
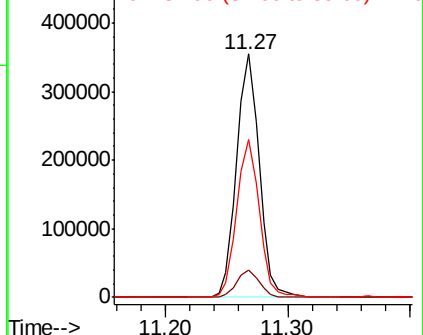
83 100

131 11.1 5.7 17.1

85 64.7 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.408 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006806.D

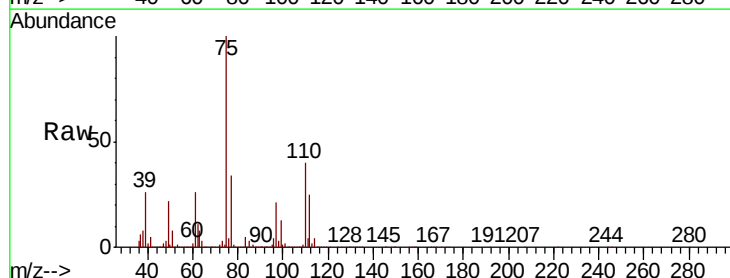
Acq: 24 Dec 2018 20:11

Tgt Ion: 75 Resp: 502824

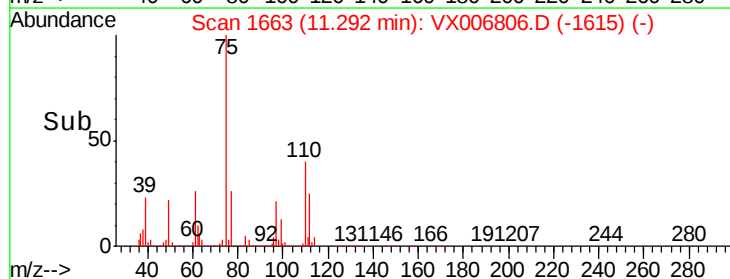
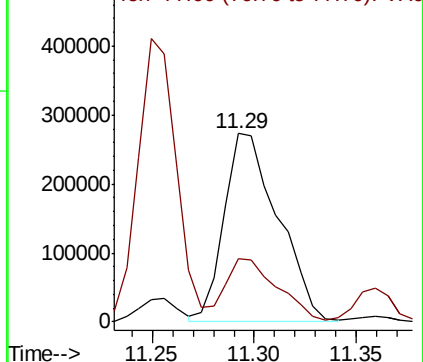
Ion Ratio Lower Upper

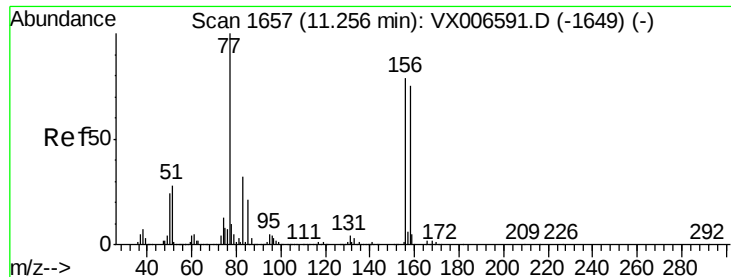
75 100

77 32.8 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.962 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

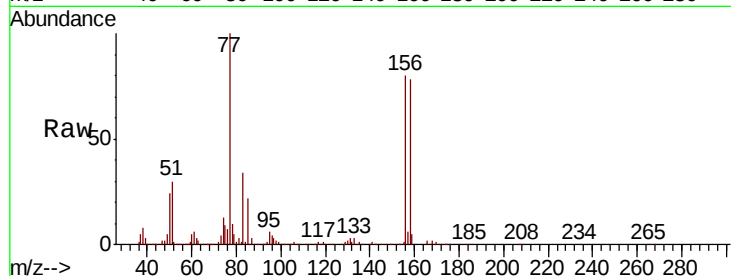
Tot Ion:156 Resp: 395954

Ion Ratio Lower Upper

156 100

77 134.3 68.0 204.0

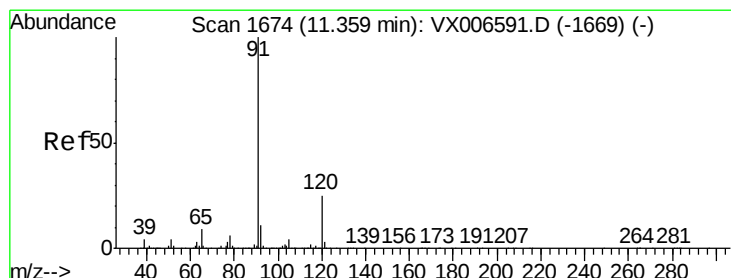
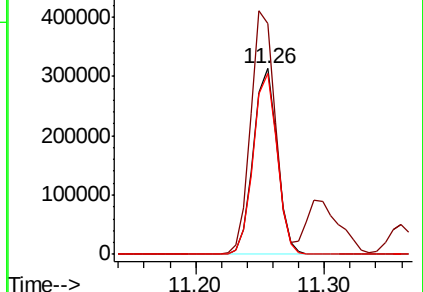
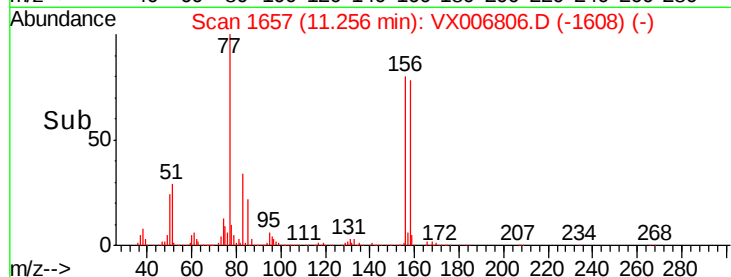
158 97.6 48.3 144.8



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: 51.882 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006806.D

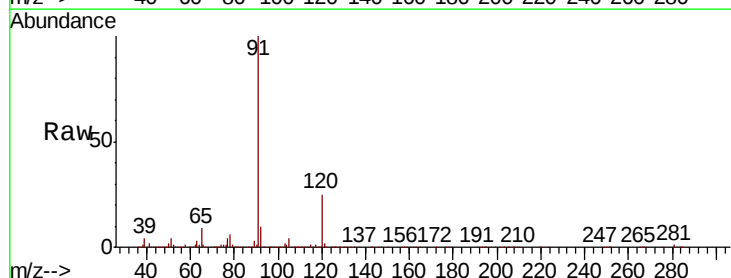
Acq: 24 Dec 2018 20:11

Tgt Ion: 91 Resp: 1641916

Ion Ratio Lower Upper

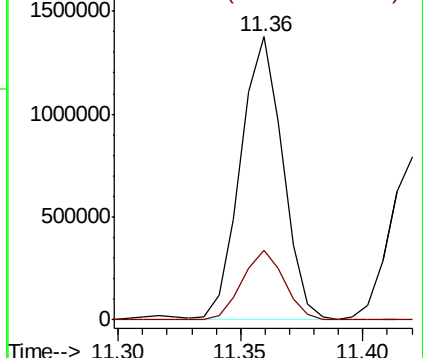
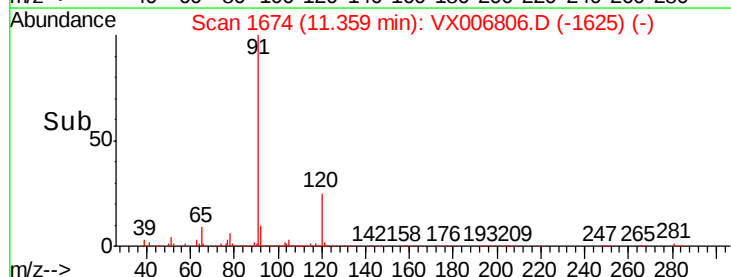
91 100

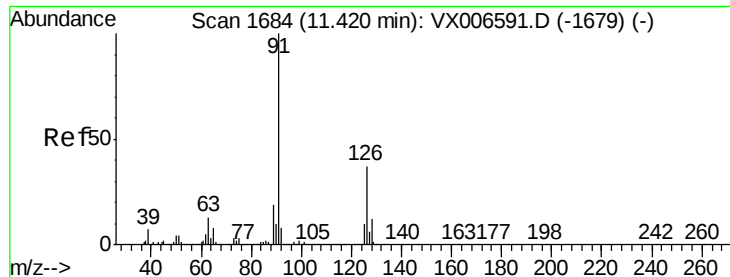
120 24.7 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.944 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

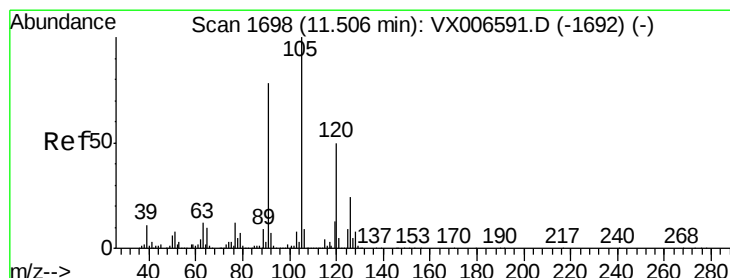
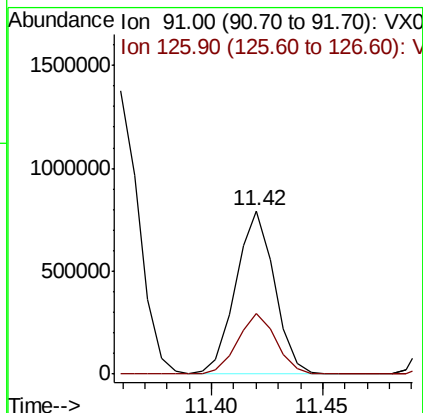
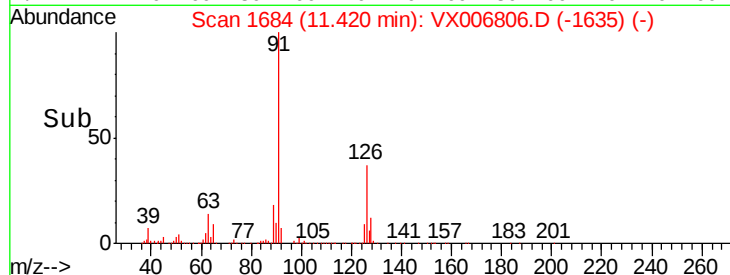
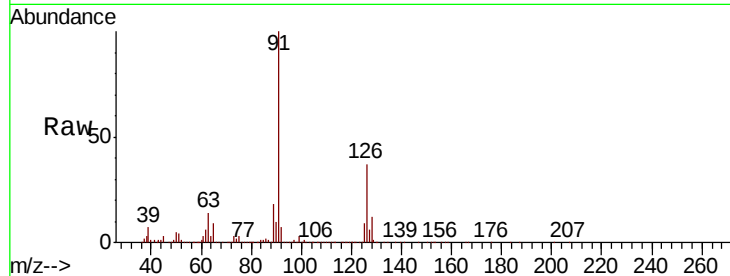
VSTDCCC050EC

Tot Ion: 91 Resp: 957832

Ion Ratio Lower Upper

91 100

126 36.8 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 51.323 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006806.D

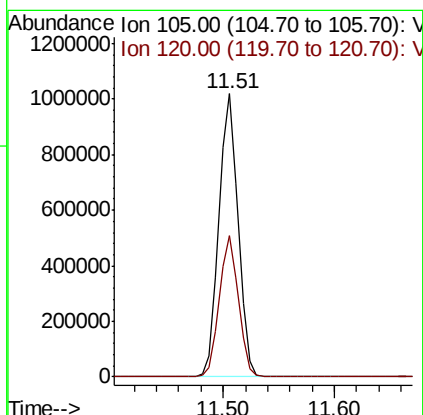
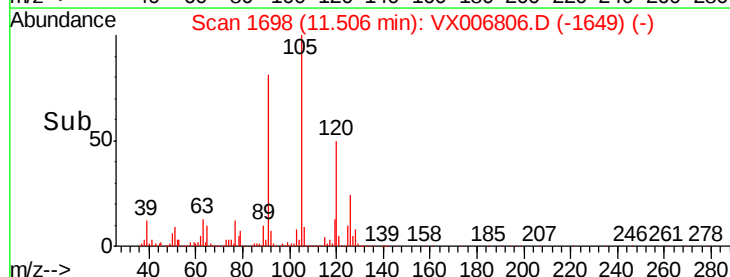
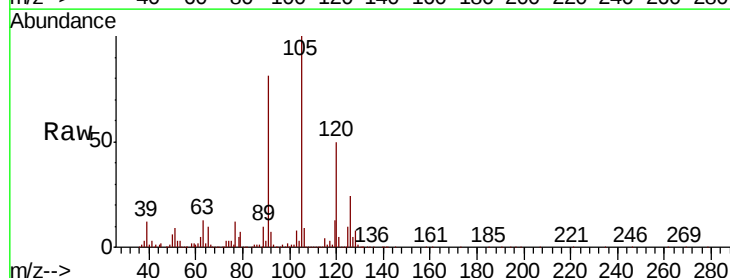
Acq: 24 Dec 2018 20:11

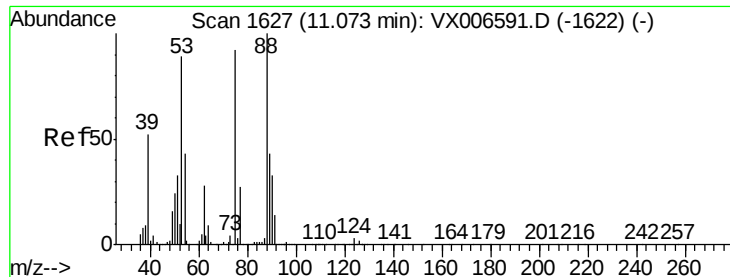
Tgt Ion:105 Resp: 1214866

Ion Ratio Lower Upper

105 100

120 49.7 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 45.346 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

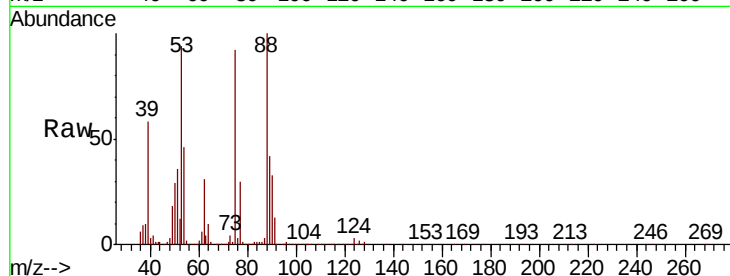
Tot Ion: 75 Resp: 115222

Ion Ratio Lower Upper

75 100

53 103.6 79.7 119.5

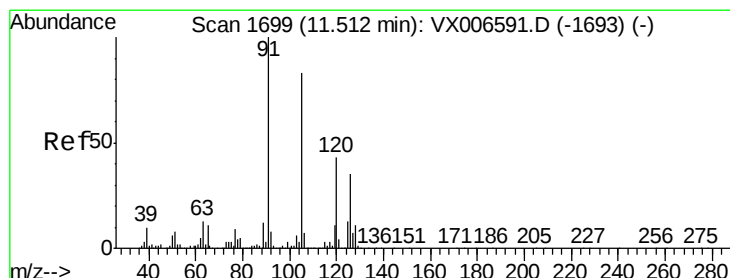
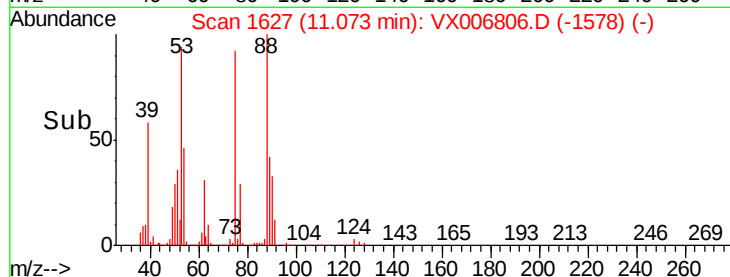
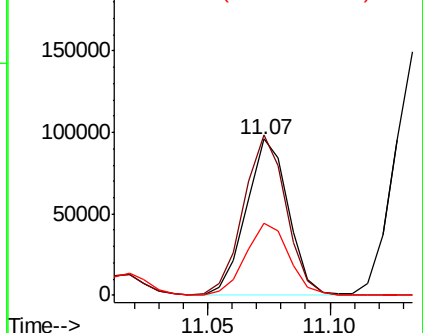
89 47.3 38.0 57.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.283 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006806.D

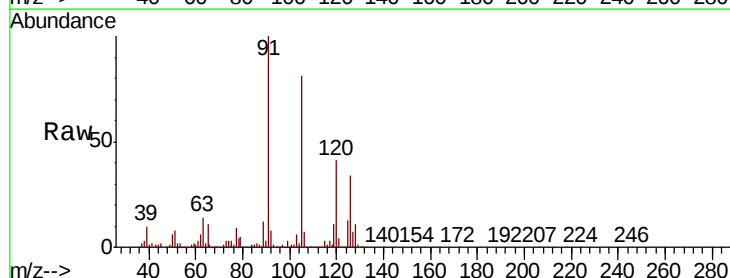
Acq: 24 Dec 2018 20:11

Tgt Ion: 91 Resp: 1106179

Ion Ratio Lower Upper

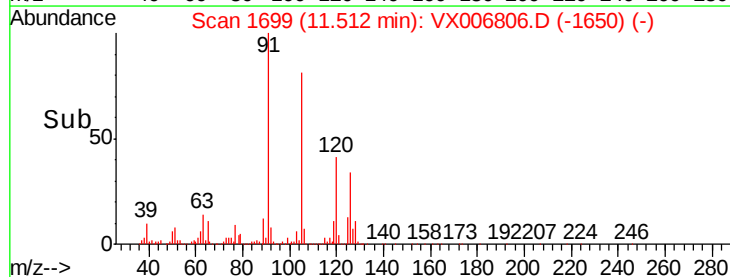
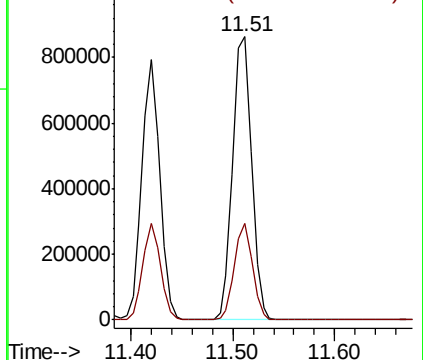
91 100

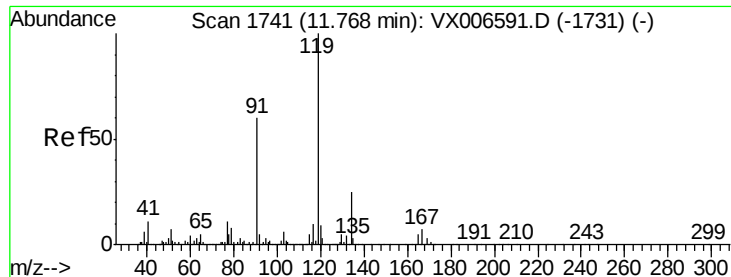
126 32.7 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 51.893 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

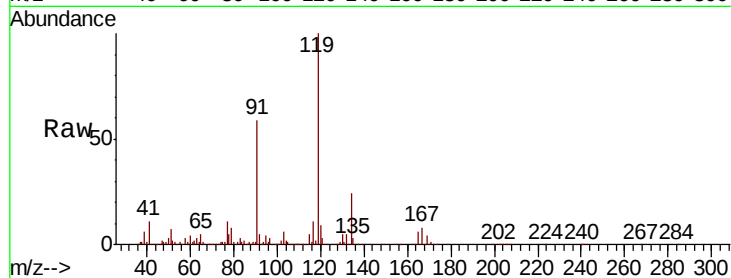
Tot Ion:119 Resp: 1229384

Ion Ratio Lower Upper

119 100

91 55.8 27.7 83.1

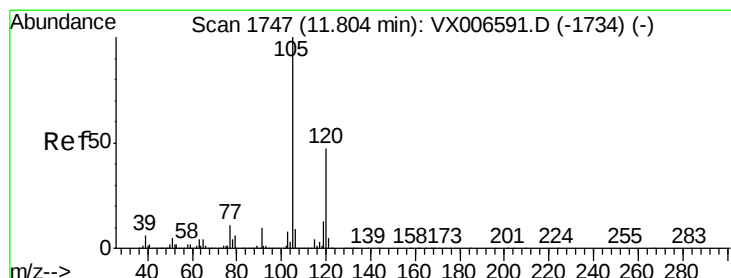
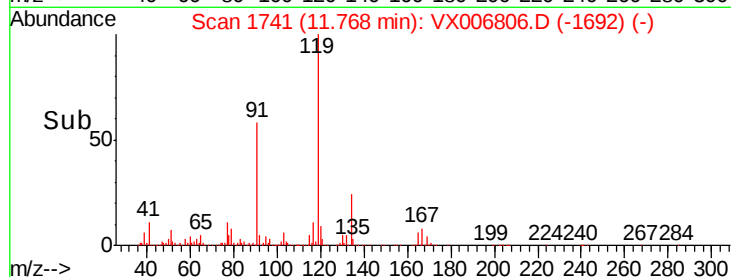
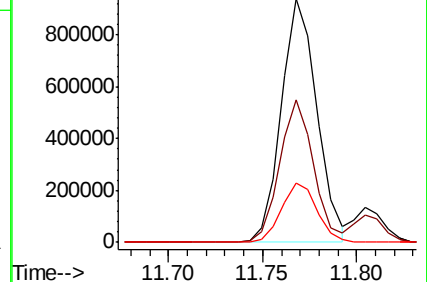
134 24.3 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.180 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006806.D

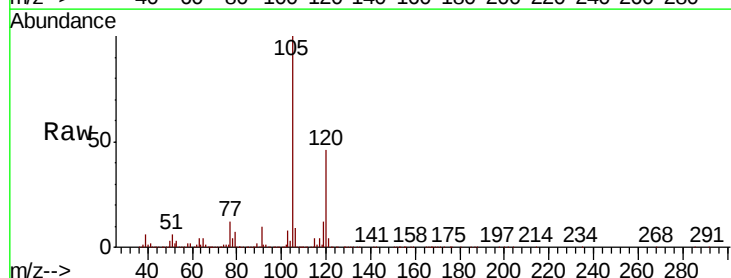
Acq: 24 Dec 2018 20:11

Tgt Ion:105 Resp: 1249362

Ion Ratio Lower Upper

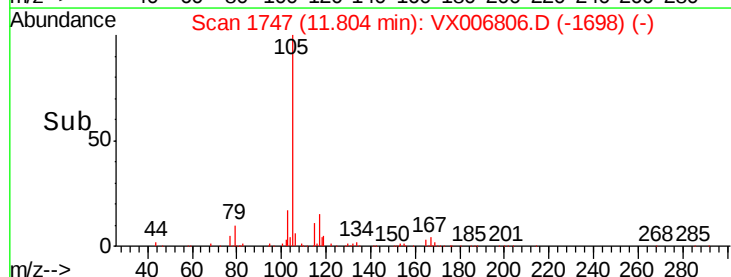
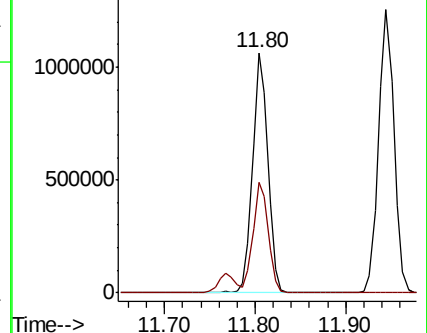
105 100

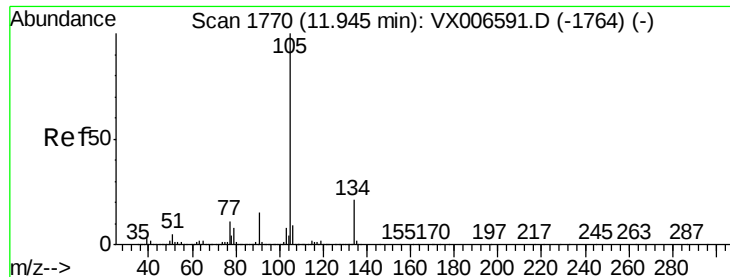
120 45.7 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.129 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

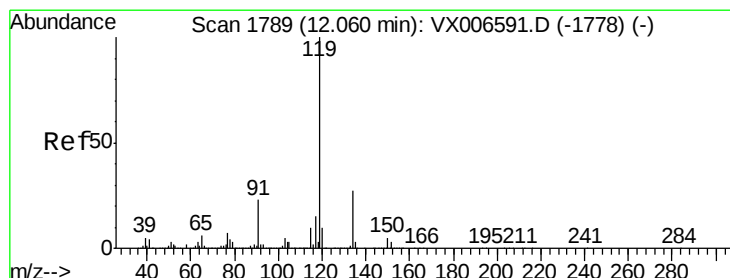
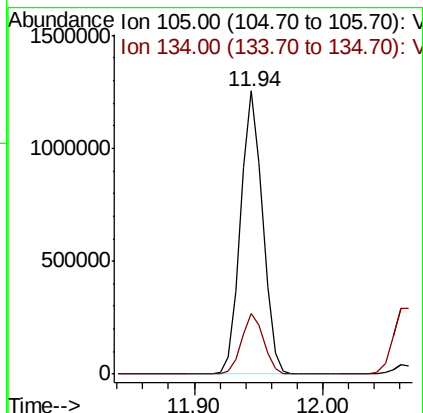
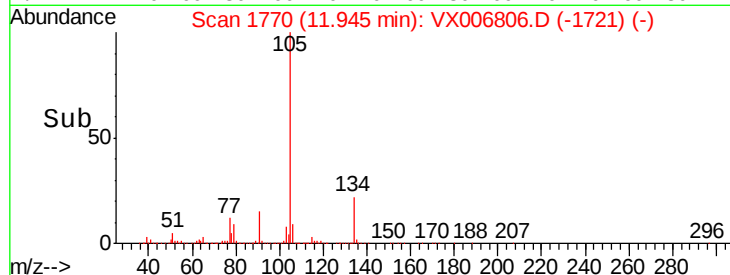
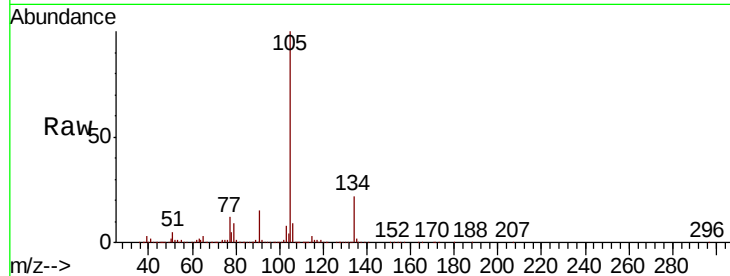
VSTDCCC050EC

Tot Ion:105 Resp: 1485099

Ion Ratio Lower Upper

105 100

134 21.4 10.7 31.9



#86

p-Isopropyltoluene

Concen: 52.070 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

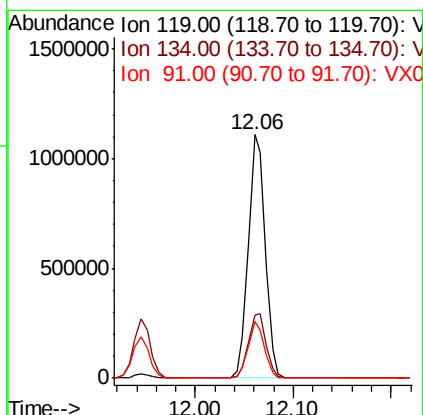
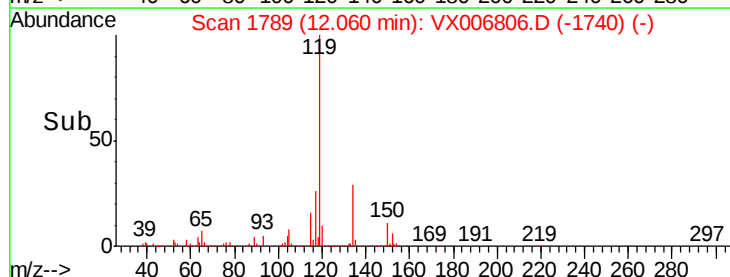
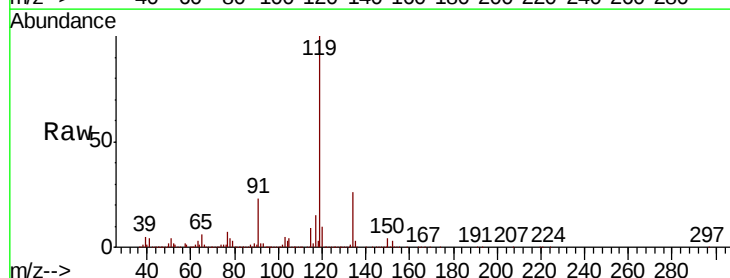
Tgt Ion:119 Resp: 1329507

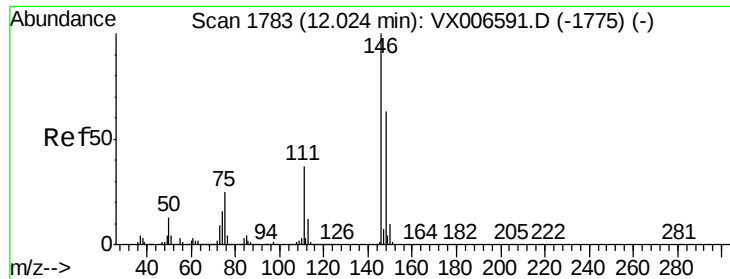
Ion Ratio Lower Upper

119 100

134 27.5 14.0 41.9

91 22.5 11.3 33.9

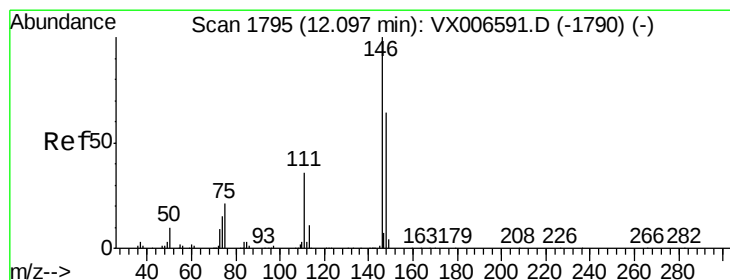
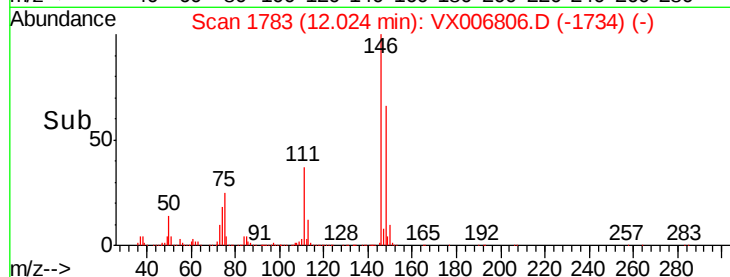
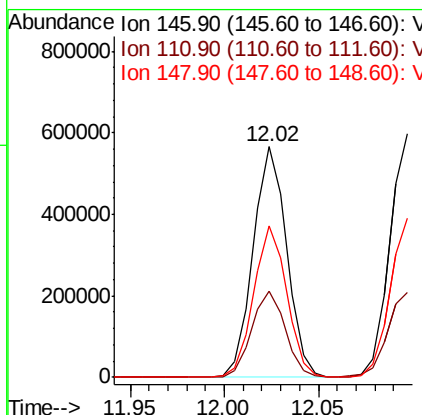
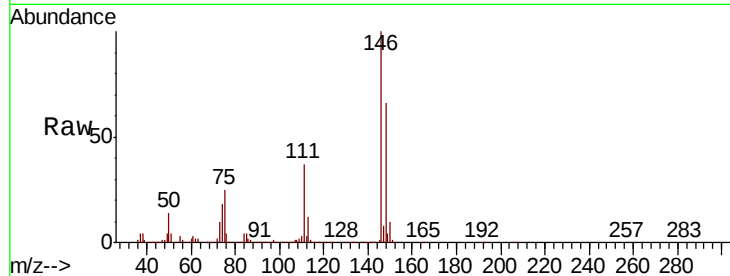




#87
 1,3-Dichlorobenzene
 Concen: 49.886 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006806.D
 Acq: 24 Dec 2018 20:11

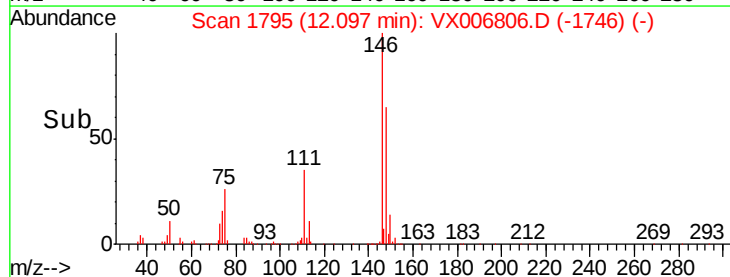
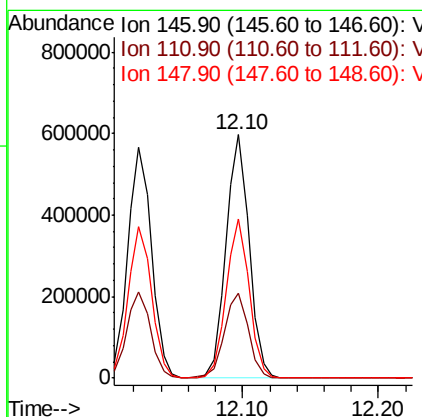
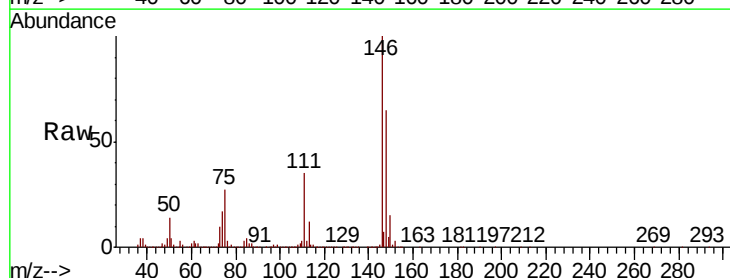
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

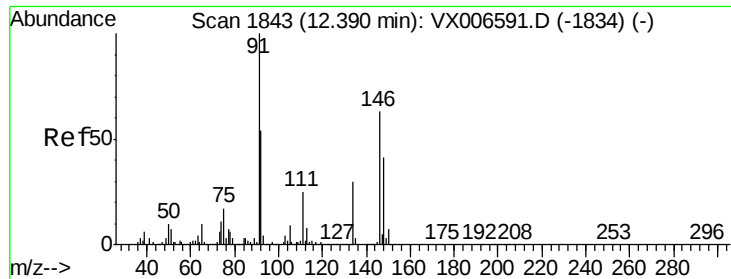
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.6	55.8
148	64.8	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 48.972 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006806.D
 Acq: 24 Dec 2018 20:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.1	54.1
148	64.9	31.9	95.9

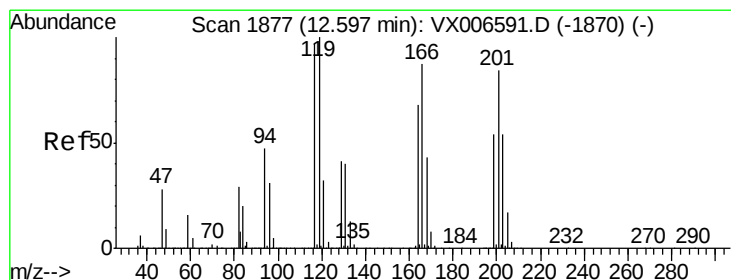
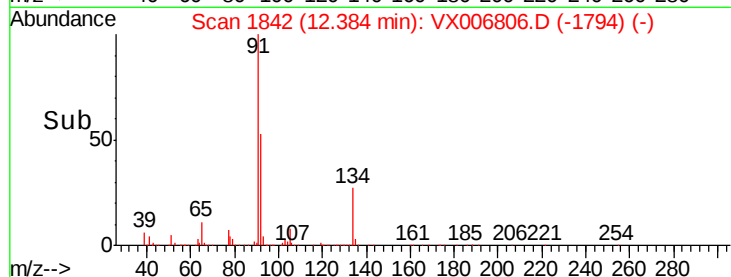
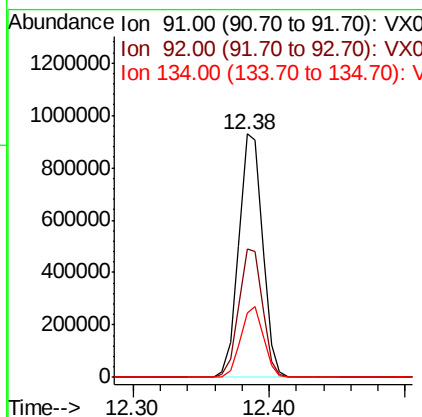
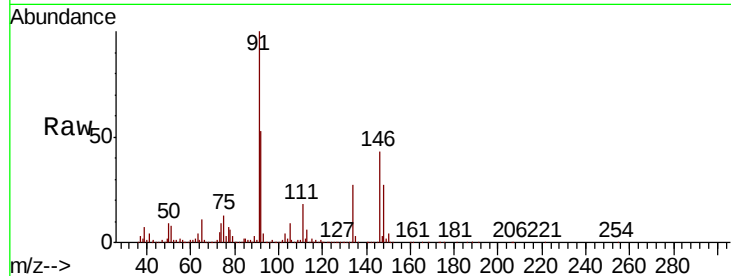




#89
n-Butylbenzene
Concen: 52.257 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006806.D
Acq: 24 Dec 2018 20:11

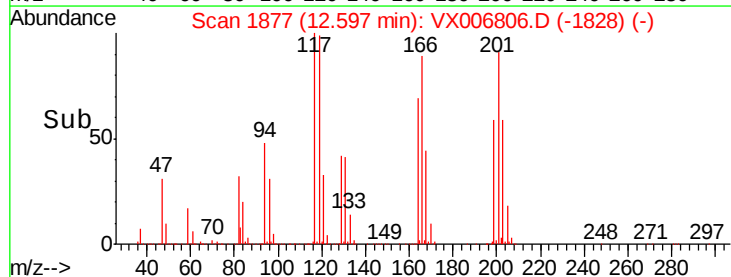
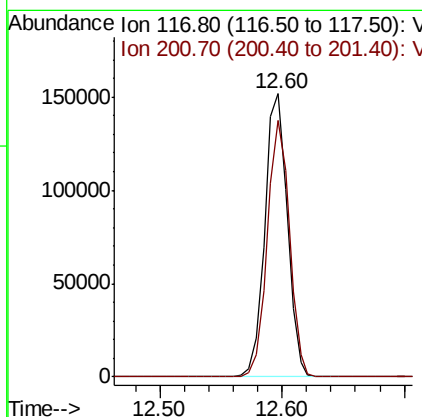
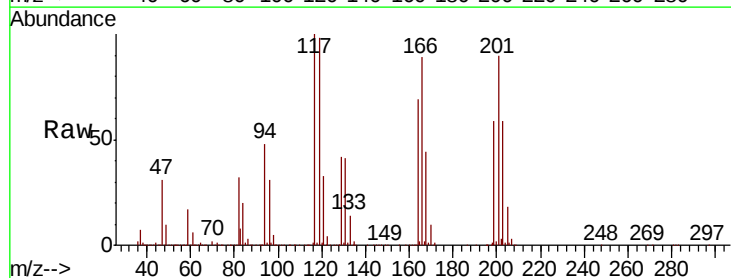
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

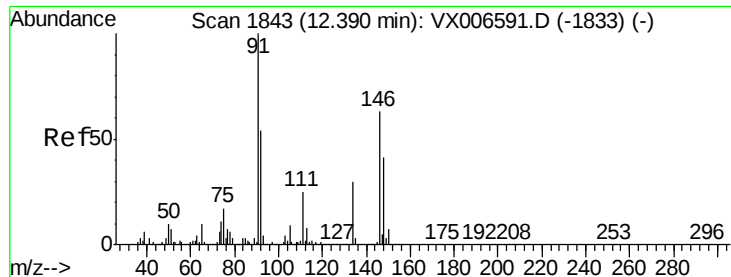
Tot Ion: 91 Resp: 113525
Ion Ratio Lower Upper
91 100
92 52.9 26.8 80.4
134 28.0 14.4 43.2



#90
Hexachloroethane
Concen: 48.936 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006806.D
Acq: 24 Dec 2018 20:11

Tgt Ion: 117 Resp: 195251
Ion Ratio Lower Upper
117 100
201 88.5 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 50.019 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

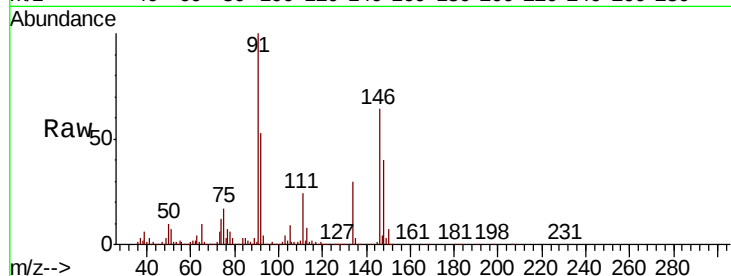
Tot Ion:146 Resp: 700642

Ion Ratio Lower Upper

146 100

111 38.4 19.4 58.2

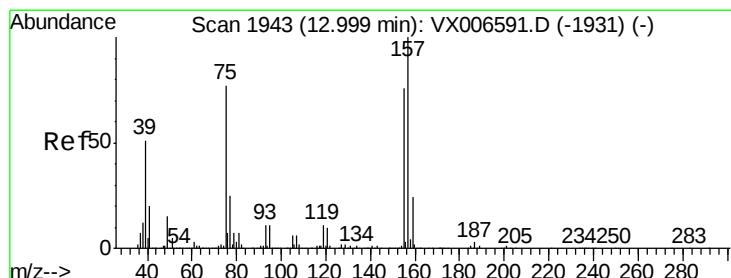
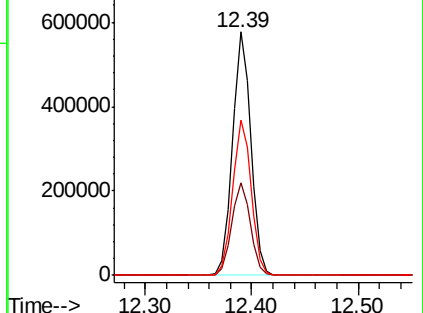
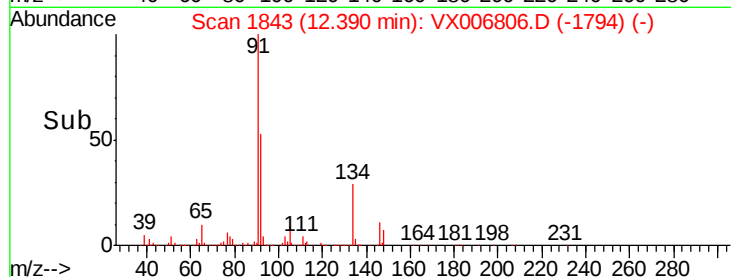
148 64.3 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.326 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

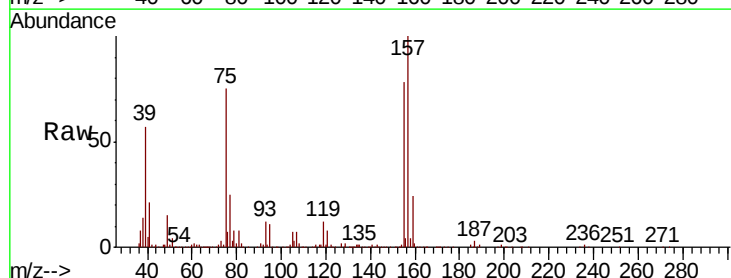
Tgt Ion: 75 Resp: 92537

Ion Ratio Lower Upper

75 100

155 100.1 50.6 151.8

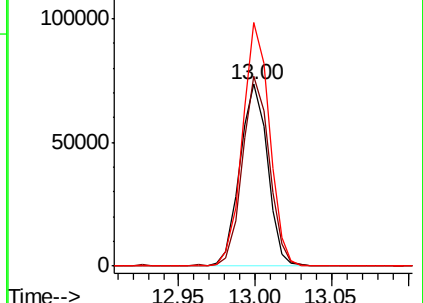
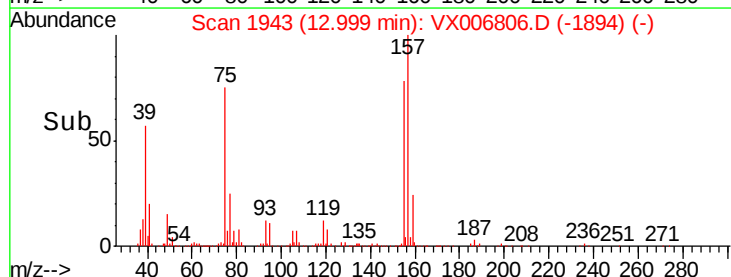
157 130.3 64.6 193.8

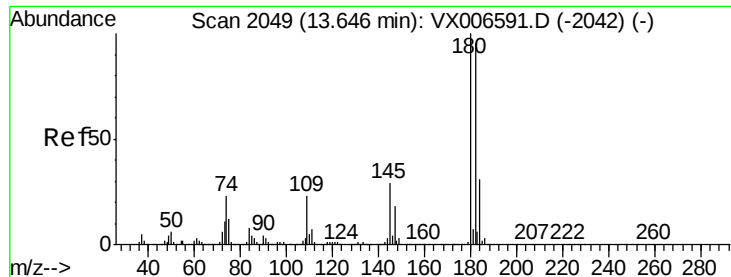


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

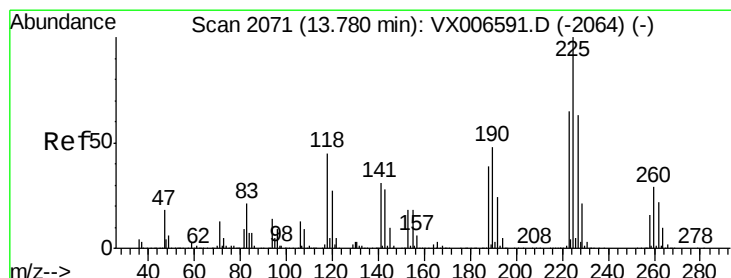
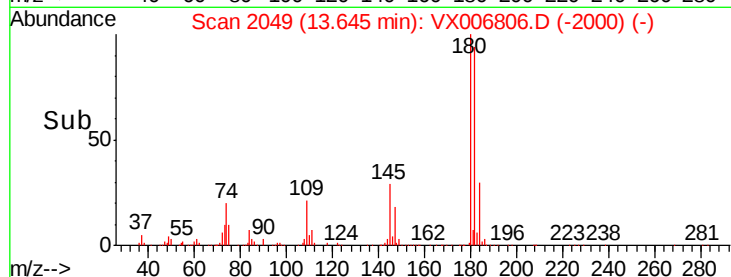
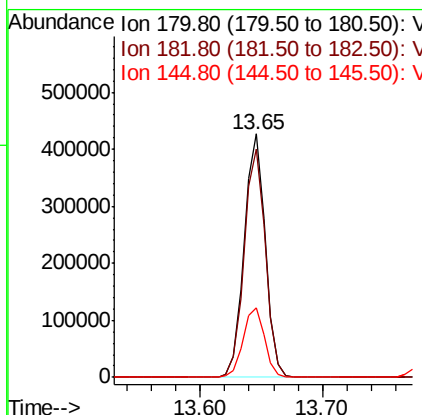
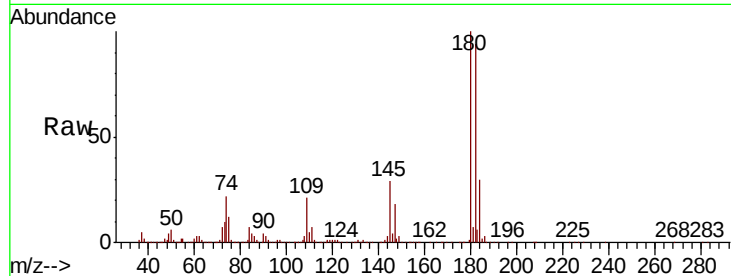




#93
 1,2,4-Trichlorobenzene
 Concen: 52.544 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006806.D
 Acq: 24 Dec 2018 20:11

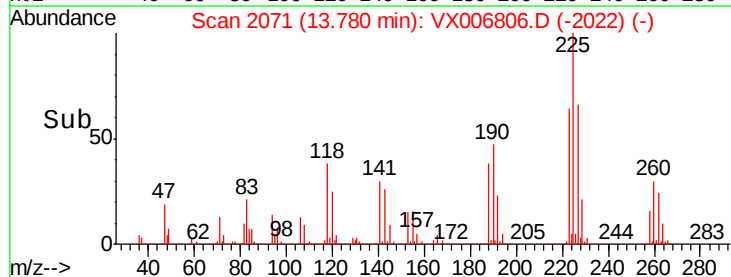
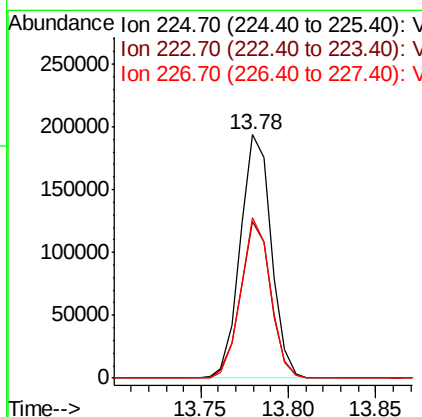
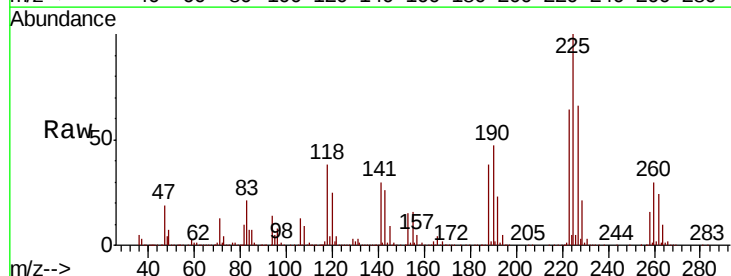
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

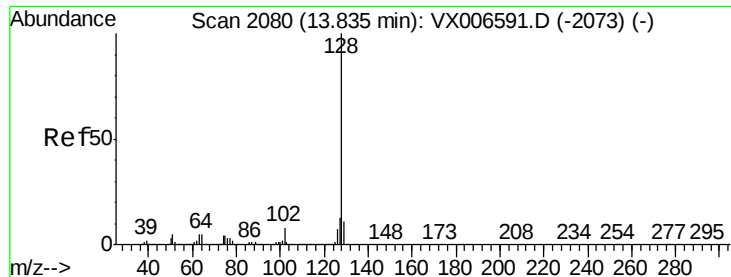
Tot Ion:180 Resp: 507695
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.3 142.0
 145 29.0 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 52.127 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006806.D
 Acq: 24 Dec 2018 20:11

Tgt Ion:225 Resp: 237402
 Ion Ratio Lower Upper
 225 100
 223 62.9 32.1 96.3
 227 63.6 32.3 96.8



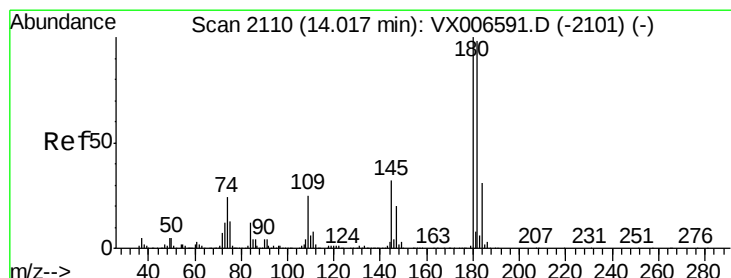
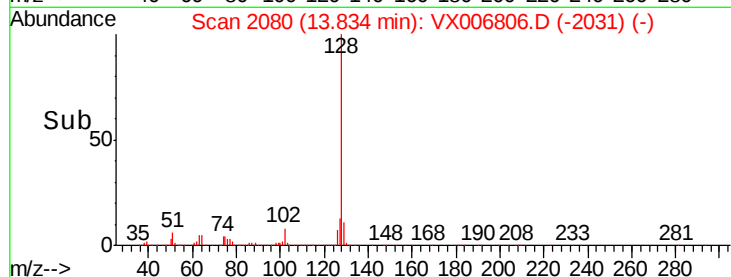
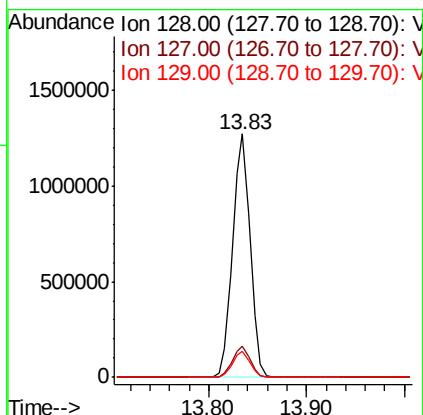
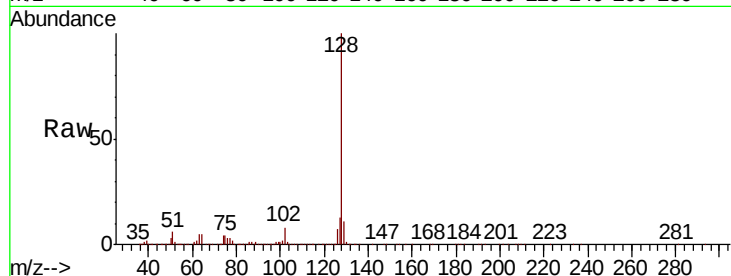


#95
Naphthalene
Concen: 51.150 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006806.D
Acq: 24 Dec 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1577412

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	10.7	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.248 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX006806.D
Acq: 24 Dec 2018 20:11

Tgt Ion:180 Resp: 511265

Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.5	145.5
145	30.0	16.0	47.9

