

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092619\
 Data File : VX012686.D
 Acq On : 26 Sep 2019 19:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 26 23:37:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	182187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	328777	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	294404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	136865	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	141882	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	
35) Dibromofluoromethane	5.49	113	106074	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	
50) Toluene-d8	8.71	98	395062	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
62) 4-Bromofluorobenzene	11.14	95	155970	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	103740	50.616	ug/l	97
3) Chloromethane	1.32	50	115792	49.200	ug/l	98
4) Vinyl Chloride	1.40	62	119035	50.885	ug/l	96
5) Bromomethane	1.63	94	39506	42.953	ug/l	98
6) Chloroethane	1.71	64	77294	49.014	ug/l	95
7) Trichlorofluoromethane	1.92	101	167191	50.905	ug/l	97
8) Diethyl Ether	2.18	74	69525	51.655	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	102345	51.161	ug/l	95
10) Methyl Iodide	2.50	142	98322	46.986	ug/l	95
11) Tert butyl alcohol	3.04	59	170154	256.745	ug/l	99
12) 1,1-Dichloroethene	2.36	96	101120	51.623	ug/l	94
13) Acrolein	2.28	56	30458	89.357	ug/l	95
14) Allyl chloride	2.72	41	198222	51.005	ug/l	98
15) Acrylonitrile	3.13	53	353986	263.274	ug/l	98
16) Acetone	2.44	43	313908	223.384	ug/l	98
17) Carbon Disulfide	2.56	76	259196	47.199	ug/l	100
18) Methyl Acetate	2.76	43	172954	52.270	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	387900	52.317	ug/l	98
20) Methylene Chloride	2.85	84	119109	50.114	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	109235	50.336	ug/l	92
22) Diisopropyl ether	3.84	45	392001	52.201	ug/l	98
23) Vinyl Acetate	3.80	43	1725768	262.059	ug/l	98
24) 1,1-Dichloroethane	3.69	63	210614	51.597	ug/l	98
25) 2-Butanone	4.66	43	497811	247.064	ug/l	98
26) 2,2-Dichloropropane	4.57	77	165302	45.532	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	127291	50.552	ug/l	96
28) Bromochloromethane	5.00	49	86795	58.560	ug/l	99
29) Tetrahydrofuran	5.12	42	323194	263.167	ug/l	98
30) Chloroform	5.20	83	213902	51.220	ug/l	97
31) Cyclohexane	5.57	56	188407	51.020	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	189661	51.243	ug/l	99
36) 1,1-Dichloropropene	5.79	75	157861	49.813	ug/l	99
37) Ethyl Acetate	4.82	43	191644	51.726	ug/l	98
38) Carbon Tetrachloride	5.78	117	159543	49.560	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	185129	48.525	ug/l	99
40) Benzene	6.14	78	466024	49.980	ug/l	99
41) Methacrylonitrile	5.03	41	105757	50.875	ug/l	97
42) 1,2-Dichloroethane	6.19	62	180720	51.039	ug/l	99
43) Isopropyl Acetate	6.44	43	311588	50.290	ug/l	99
44) Trichloroethene	7.21	130	117595	49.333	ug/l	96
45) 1,2-Dichloropropane	7.51	63	122760	51.424	ug/l	97
46) Dibromomethane	7.65	93	81587	50.196	ug/l	95
47) Bromodichloromethane	7.89	83	164297	50.577	ug/l	98
48) Methyl methacrylate	7.76	41	152950	51.483	ug/l	96
49) 1,4-Dioxane	7.73	88	66105	981.008	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	974536	254.808	ug/l	97
52) Toluene	8.78	92	299043	51.028	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	182623	50.811	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	198685	50.630	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	119689	51.370	ug/l	97
56) Ethyl methacrylate	9.17	69	204430	52.227	ug/l	94
57) 1,3-Dichloropropane	9.37	76	210643	51.657	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	474537	270.082	ug/l	98
59) 2-Hexanone	9.49	43	750783	256.459	ug/l	96
60) Dibromochloromethane	9.58	129	124114	52.623	ug/l	98
61) 1,2-Dibromoethane	9.67	107	124905	51.511	ug/l	100
64) Tetrachloroethene	9.33	164	105348	51.323	ug/l	92
65) Chlorobenzene	10.14	112	309001	49.842	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	115415	51.381	ug/l	98
67) Ethyl Benzene	10.25	91	573217	50.978	ug/l	98
68) m/p-Xylenes	10.36	106	424288	100.730	ug/l	98
69) o-Xylene	10.70	106	205256	50.360	ug/l	98
70) Styrene	10.71	104	358319	52.442	ug/l	100
71) Bromoform	10.86	173	82319	52.631	ug/l #	98
73) Isopropylbenzene	11.01	105	559819	50.221	ug/l	99
74) N-amyl acetate	10.89	43	271110	50.980	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	188903	51.168	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	222116	61.351	ug/l	87
77) Bromobenzene	11.25	156	124546	49.366	ug/l	96
78) n-propylbenzene	11.35	91	632707	50.416	ug/l	100
79) 2-Chlorotoluene	11.42	91	387856	49.542	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	474925	50.806	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	59786	47.324	ug/l	98
82) 4-Chlorotoluene	11.51	91	448126	50.213	ug/l	98
83) tert-Butylbenzene	11.77	119	449863	49.889	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	473360	50.198	ug/l	100
85) sec-Butylbenzene	11.94	105	533192	50.838	ug/l	99
86) p-Isopropyltoluene	12.06	119	487322	51.495	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	227517	50.111	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	230091	50.152	ug/l	99
89) n-Butylbenzene	12.39	91	420987	50.483	ug/l	99
90) Hexachloroethane	12.59	117	84932	50.340	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	229980	50.595	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	48069	52.051	ug/l	98

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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

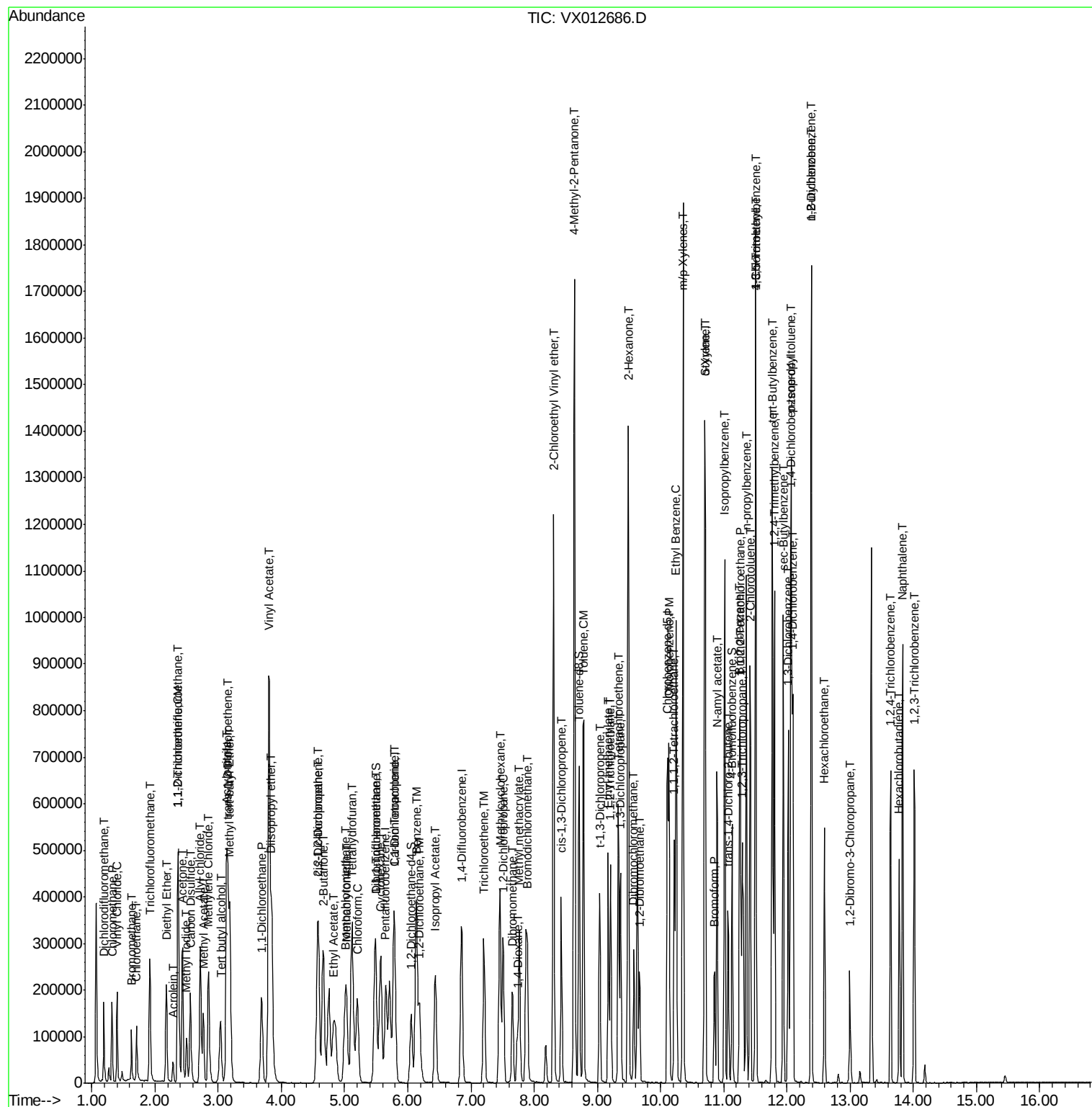
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	144648	52.180	ug/l	99
94) Hexachlorobutadiene	13.78	225	62356	52.288	ug/l	99
95) Naphthalene	13.83	128	549807	54.819	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	147035	52.950	ug/l	99

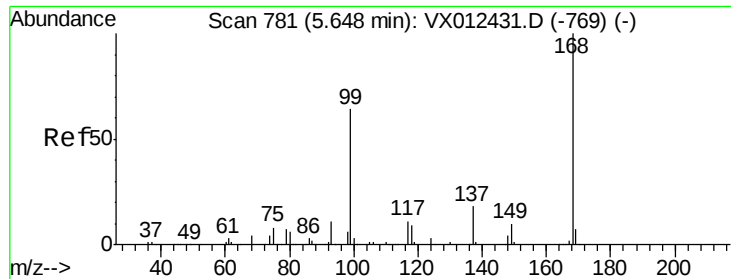
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

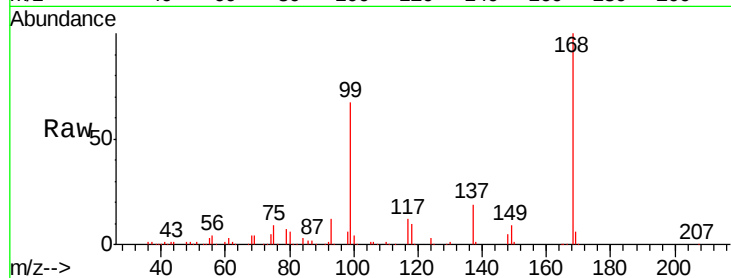
VSTDCCC050EC

Tgt Ion:168 Resp: 182187

Ion Ratio Lower Upper

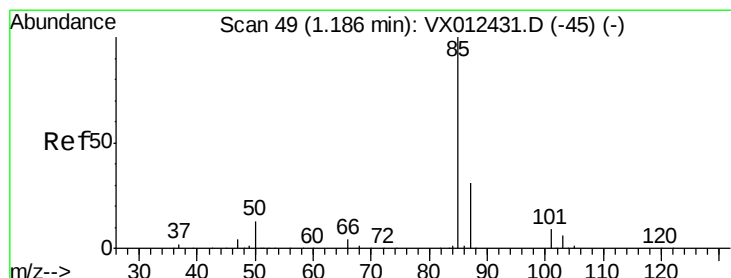
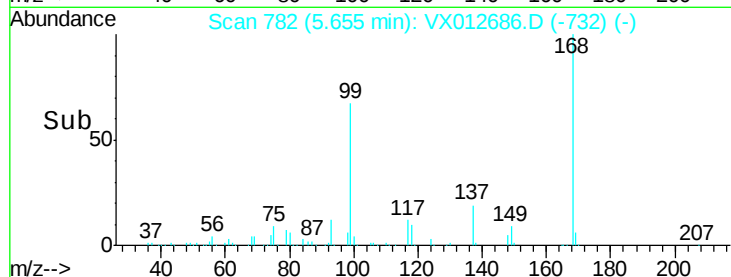
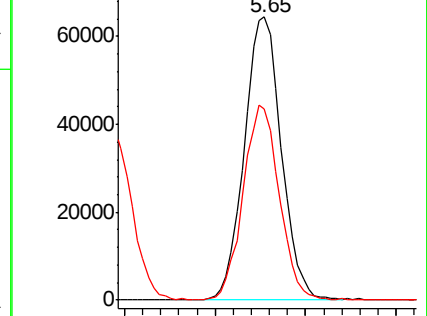
168 100

99 67.0 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.616 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012686.D

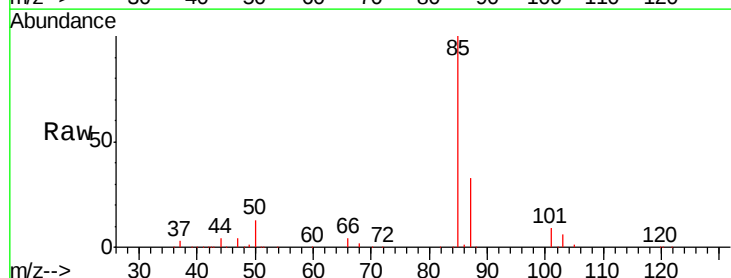
Acq: 26 Sep 2019 19:57

Tgt Ion: 85 Resp: 103740

Ion Ratio Lower Upper

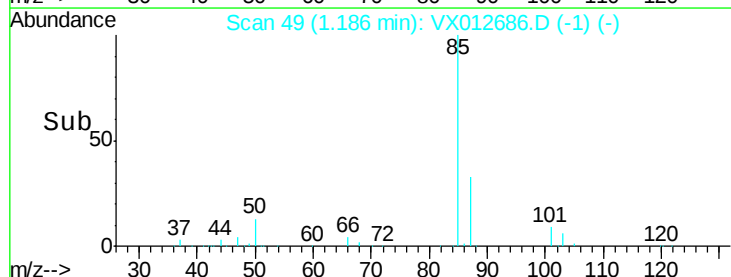
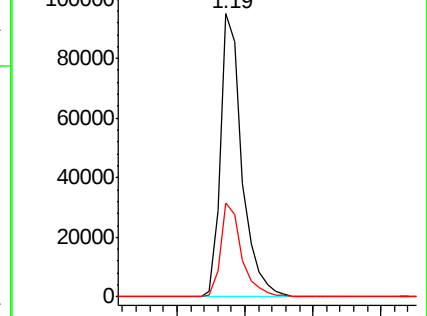
85 100

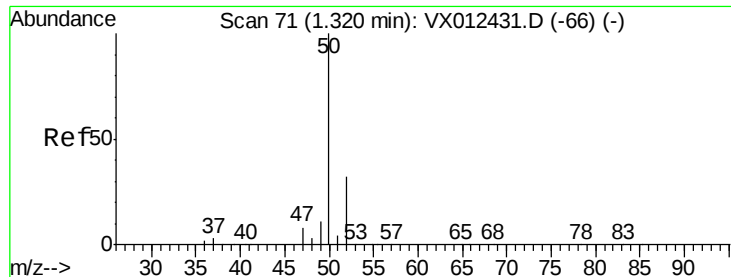
87 33.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 49.200 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

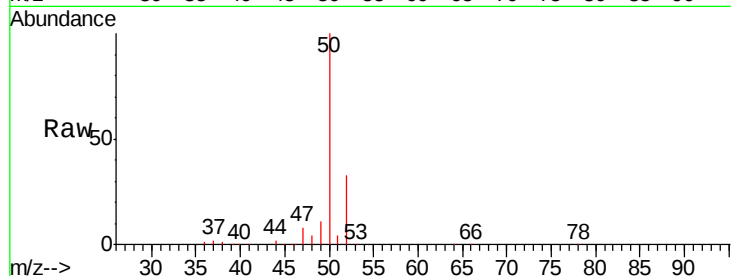
VSTDCCC050EC

Tgt Ion: 50 Resp: 115792

Ion Ratio Lower Upper

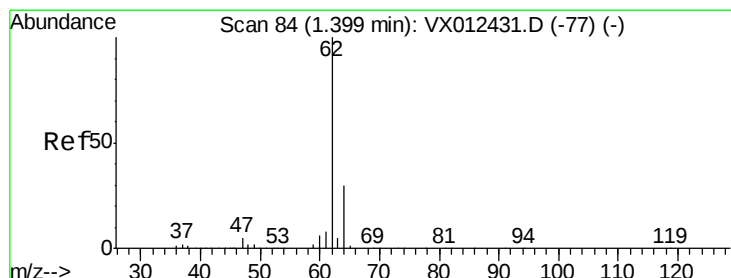
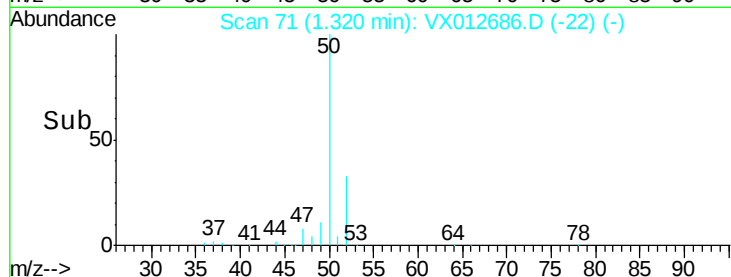
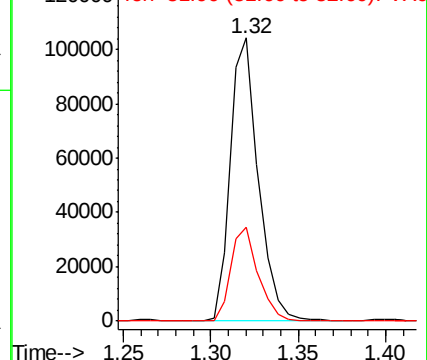
50 100

52 33.1 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.885 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012686.D

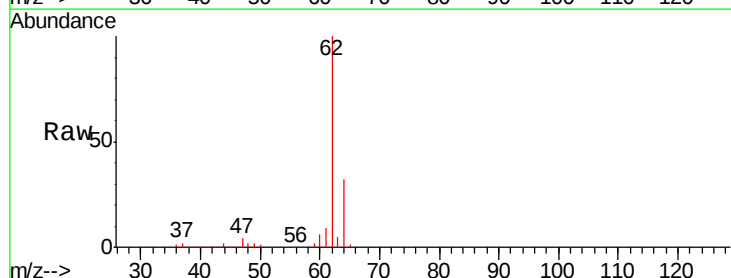
Acq: 26 Sep 2019 19:57

Tgt Ion: 62 Resp: 119035

Ion Ratio Lower Upper

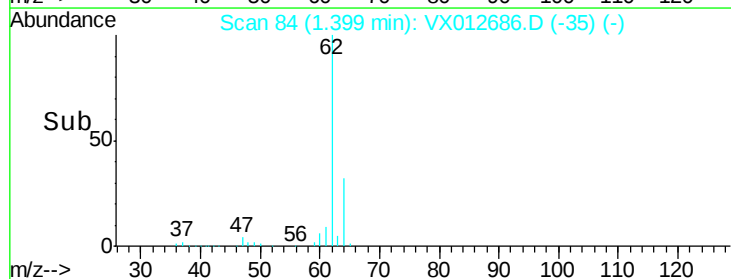
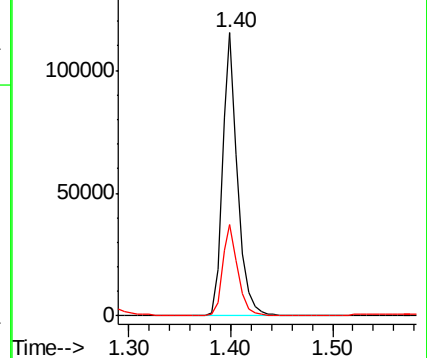
62 100

64 32.2 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 42.953 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

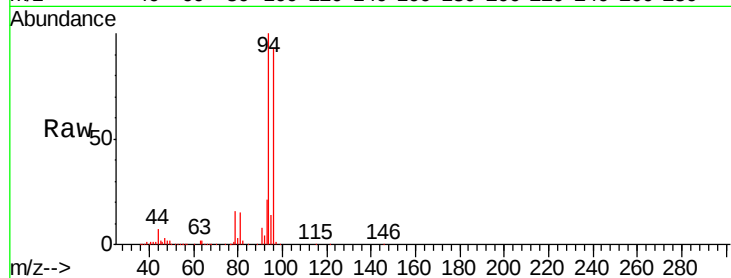
VSTDCCC050EC

Tgt Ion: 94 Resp: 39506

Ion Ratio Lower Upper

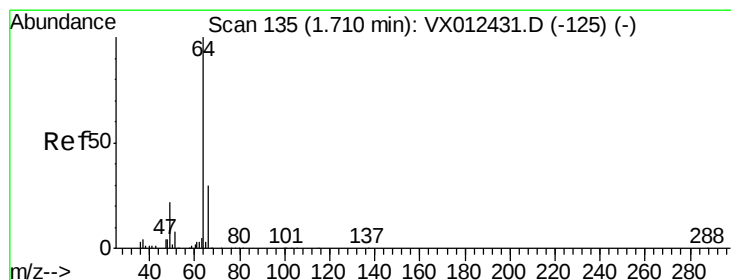
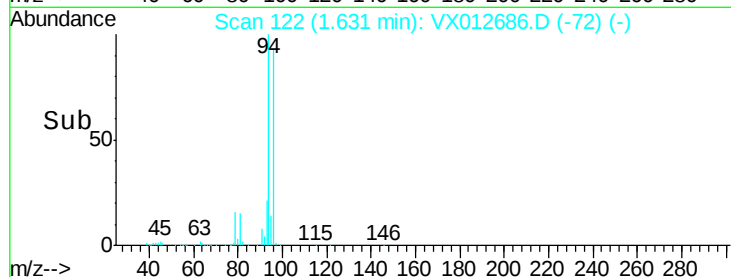
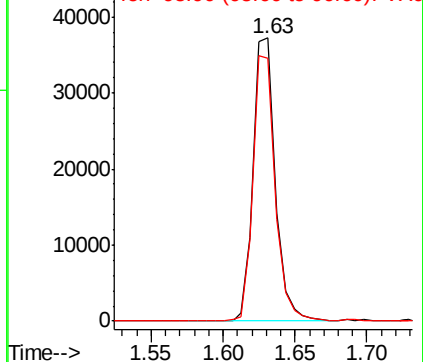
94 100

96 92.7 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.014 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012686.D

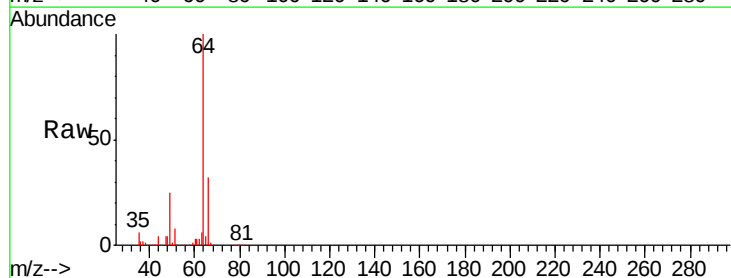
Acq: 26 Sep 2019 19:57

Tgt Ion: 64 Resp: 77294

Ion Ratio Lower Upper

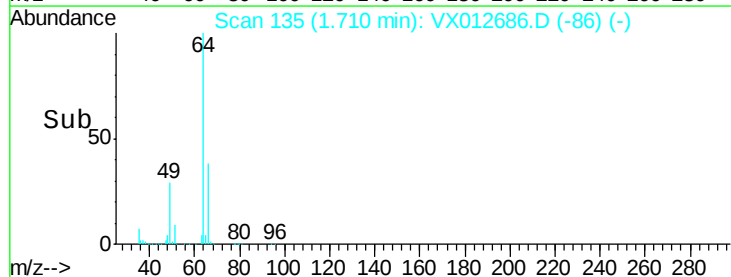
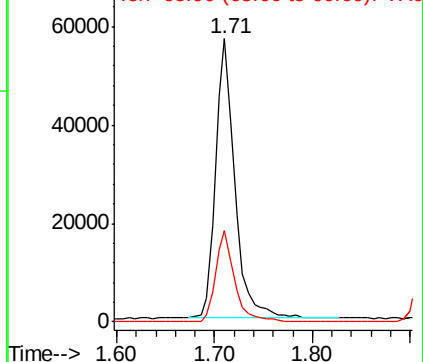
64 100

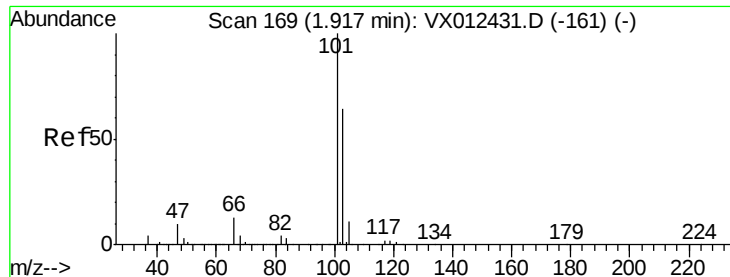
66 32.5 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



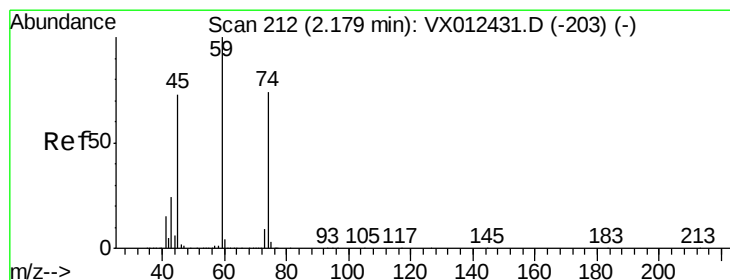
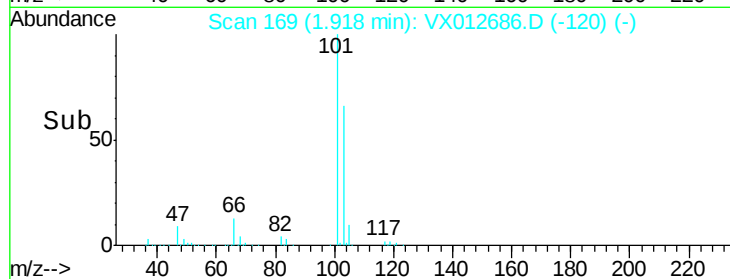
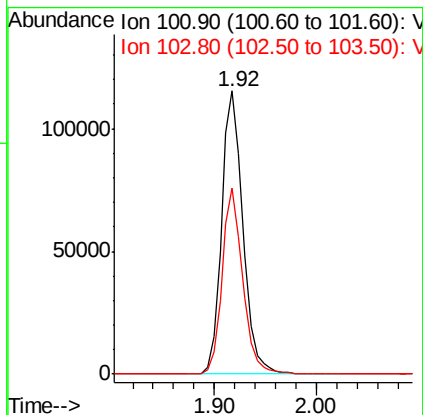
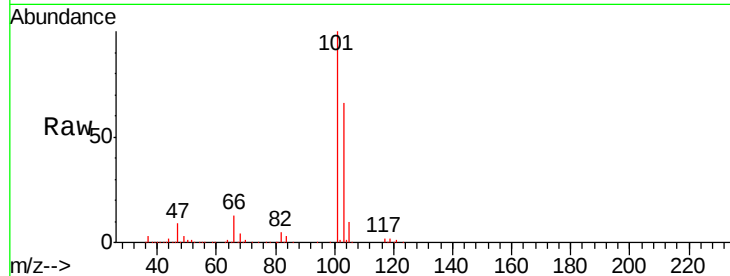


#7

Trichlorofluoromethane
 Concen: 50.905 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Instrument :
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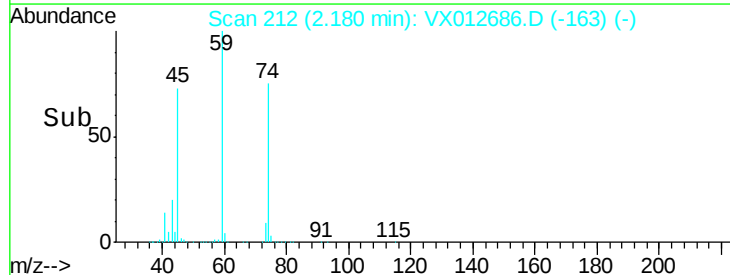
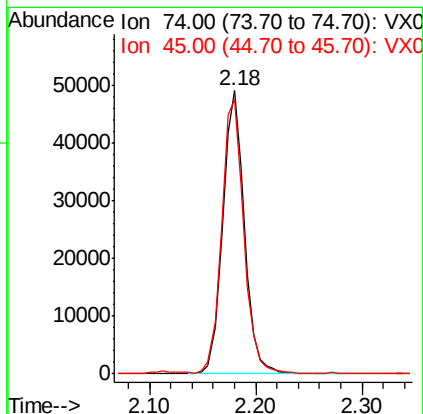
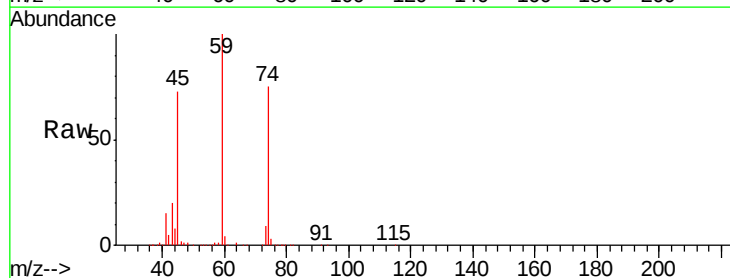
Tgt Ion:101 Resp: 167191
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.0 76.4

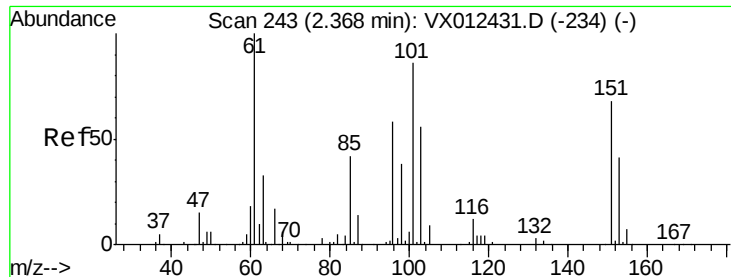


#8

Diethyl Ether
 Concen: 51.655 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Tgt Ion: 74 Resp: 69525
 Ion Ratio Lower Upper
 74 100
 45 98.6 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.161 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

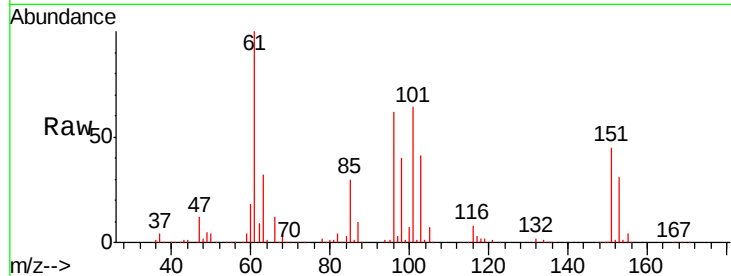
Tgt Ion:101 Resp: 102345

Ion Ratio Lower Upper

101 100

85 45.1 37.3 55.9

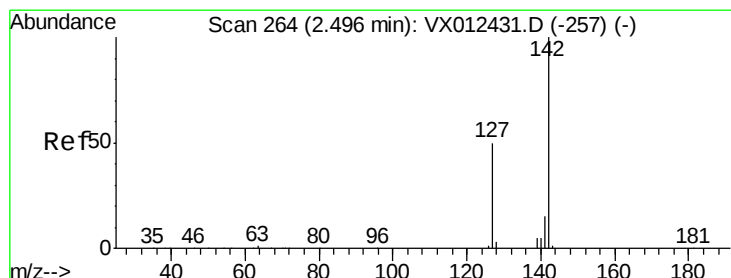
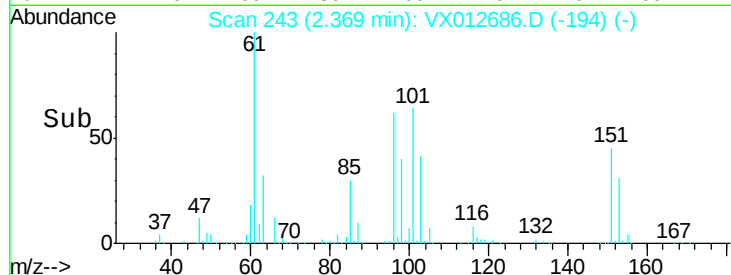
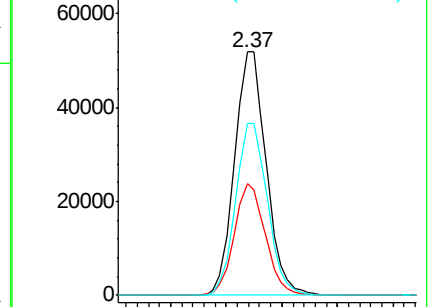
151 70.8 61.0 91.4



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: 46.986 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

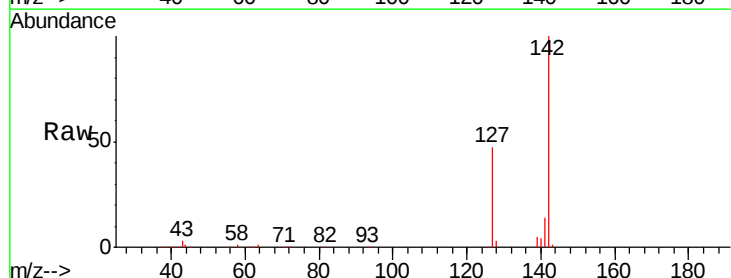
Tgt Ion:142 Resp: 98322

Ion Ratio Lower Upper

142 100

127 46.8 40.8 61.2

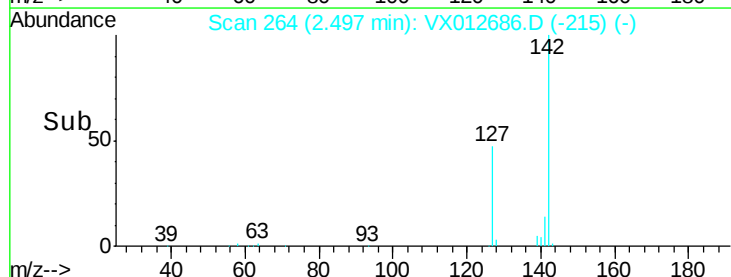
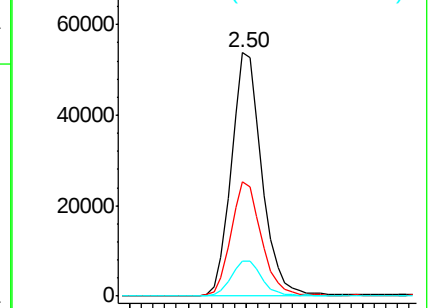
141 14.9 12.1 18.1

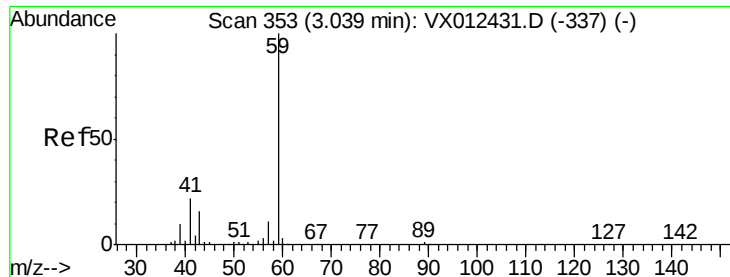


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

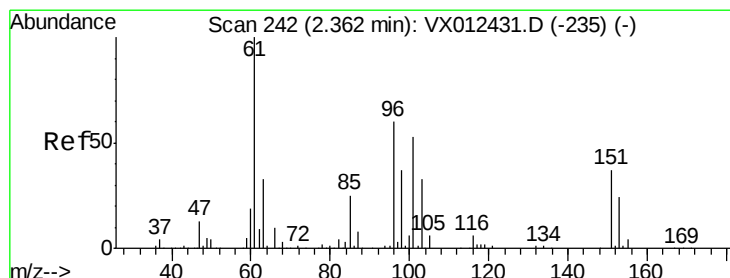
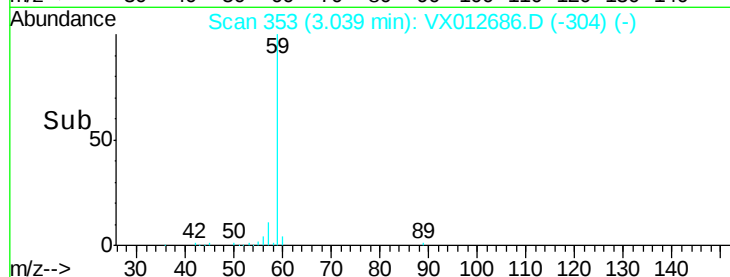
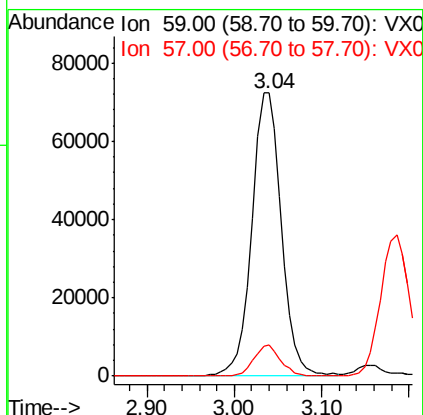
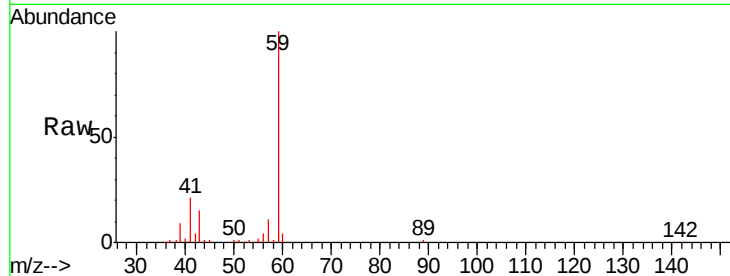




#11
Tert butyl alcohol
Concen: 256.745 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

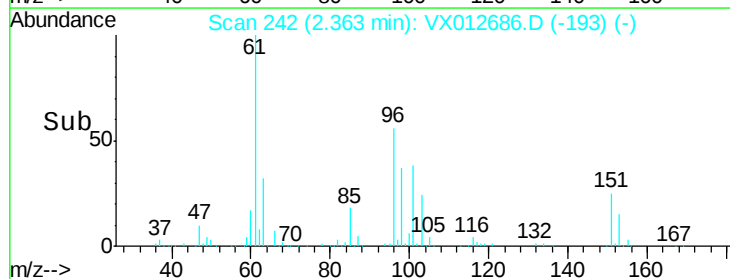
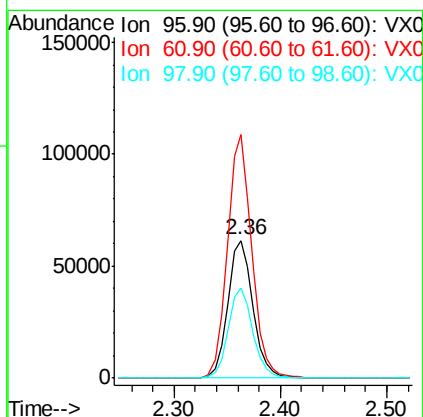
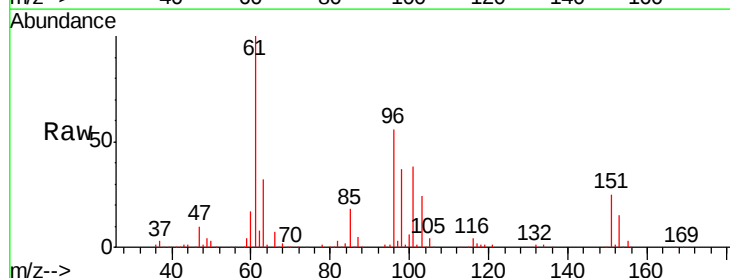
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

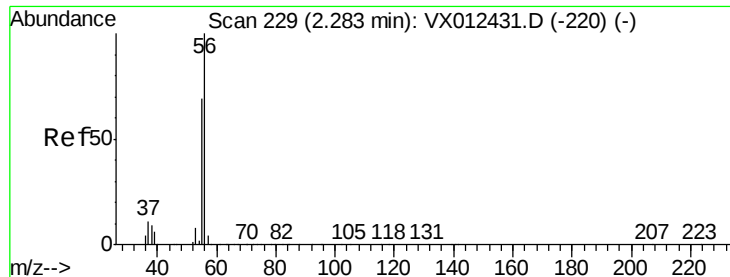
Tgt Ion: 59 Resp: 170154
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5



#12
1,1-Dichloroethene
Concen: 51.623 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Tgt Ion: 96 Resp: 101120
Ion Ratio Lower Upper
96 100
61 177.1 133.8 200.6
98 65.1 49.9 74.9





#13

Acrolein

Concen: 89.357 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

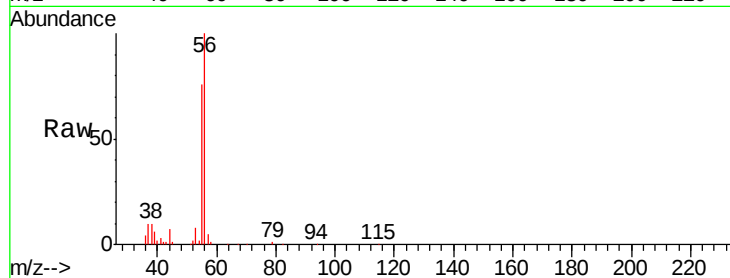
VSTDCCC050EC

Tgt Ion: 56 Resp: 30458

Ion Ratio Lower Upper

56 100

55 73.6 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

20000

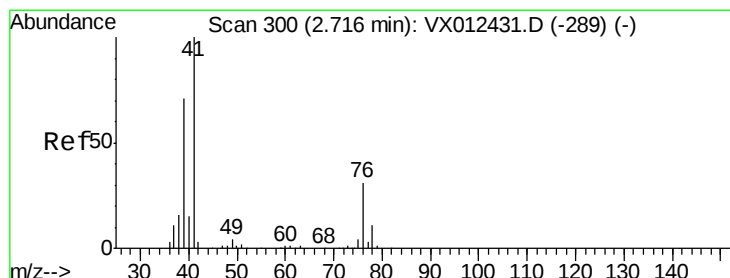
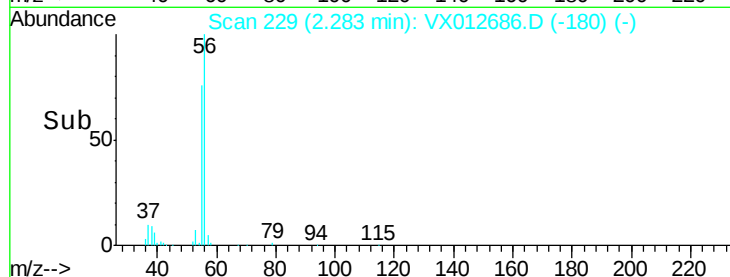
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 51.005 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

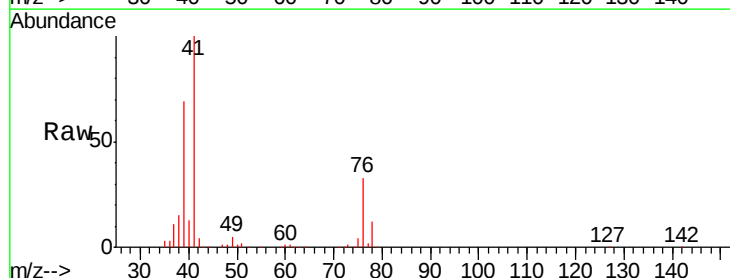
Tgt Ion: 41 Resp: 198222

Ion Ratio Lower Upper

41 100

39 64.3 51.3 76.9

76 30.8 22.6 33.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

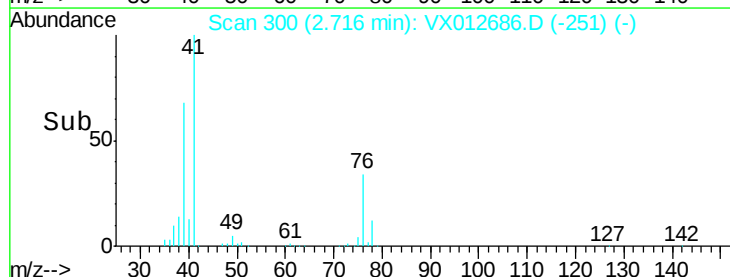
2.72

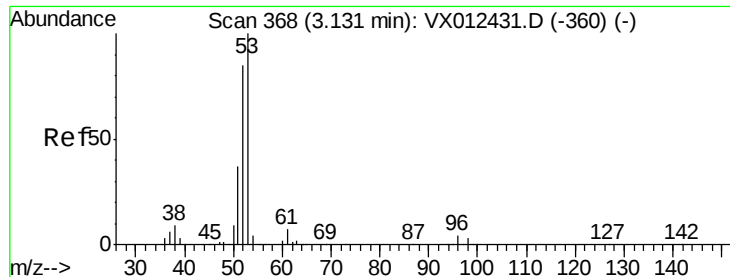
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 263.274 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

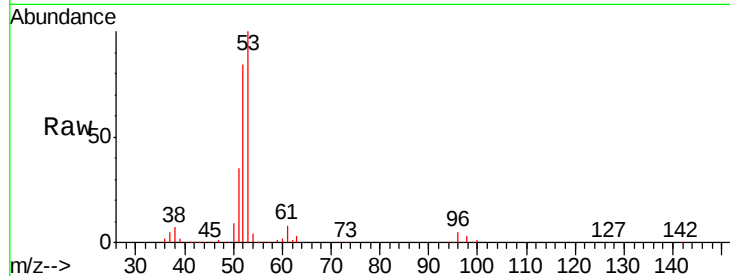
Tgt Ion: 53 Resp: 353986

Ion Ratio Lower Upper

53 100

52 82.4 67.0 100.4

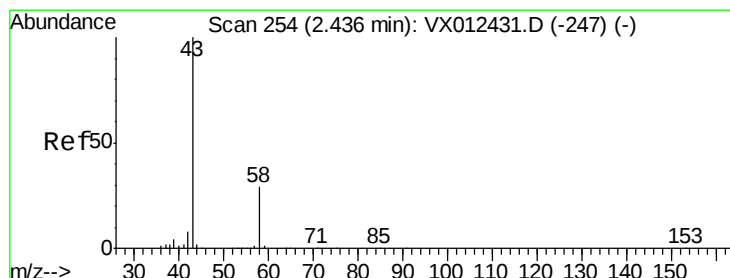
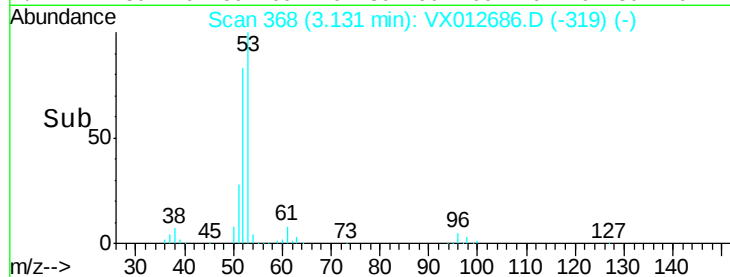
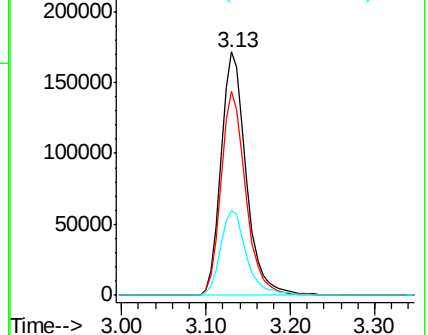
51 35.7 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 223.384 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012686.D

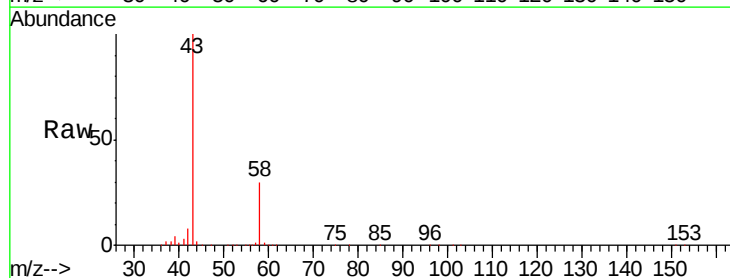
Acq: 26 Sep 2019 19:57

Tgt Ion: 43 Resp: 313908

Ion Ratio Lower Upper

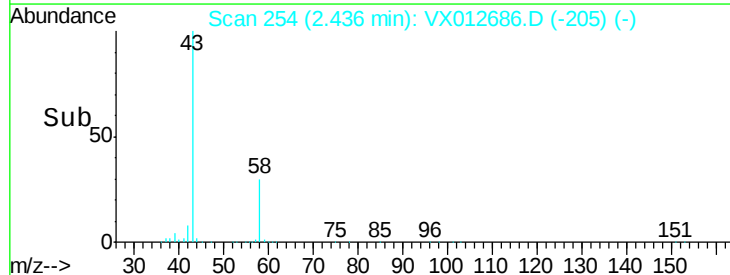
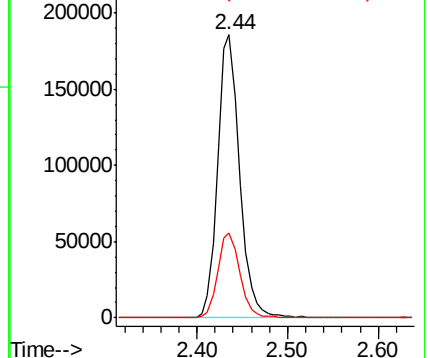
43 100

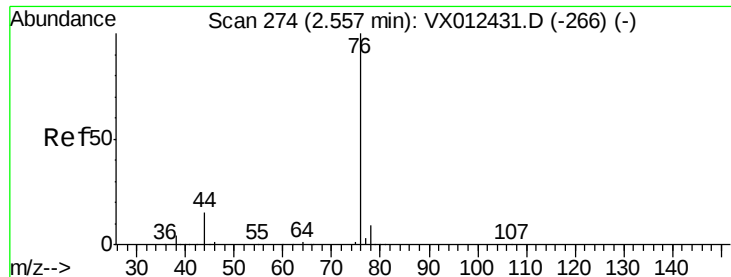
58 30.0 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

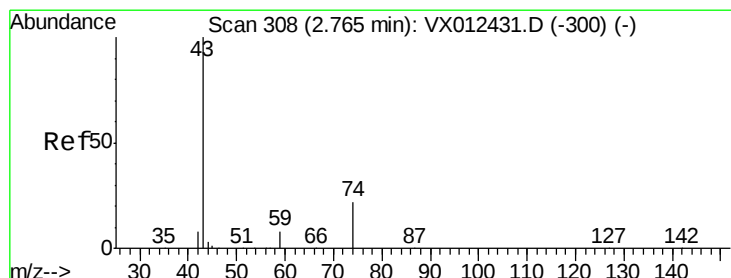
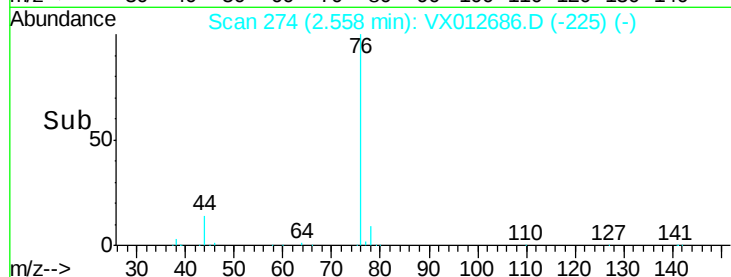
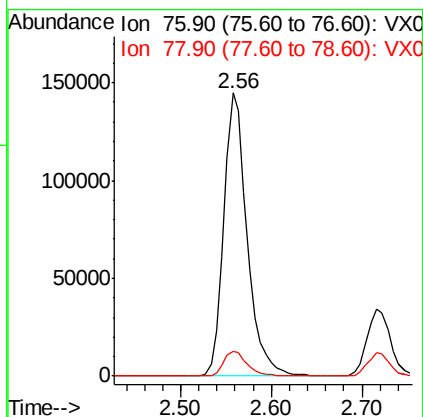
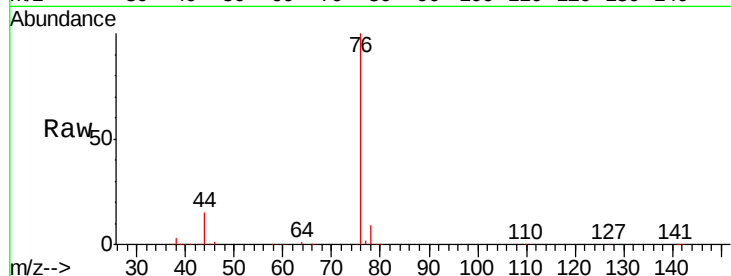




#17
Carbon Disulfide
Concen: 47.199 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

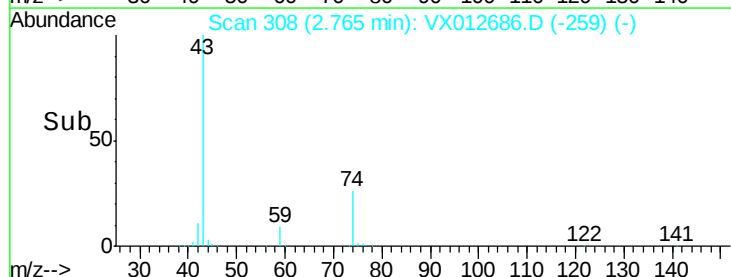
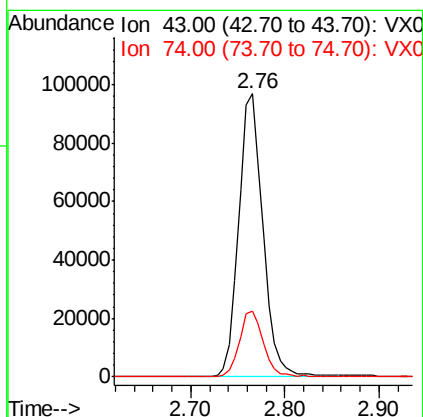
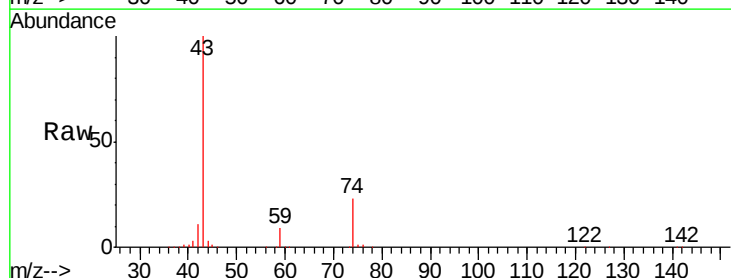
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

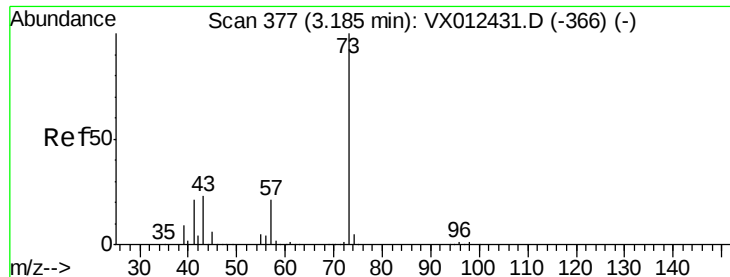
Tgt Ion: 76 Resp: 259196
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 52.270 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Tgt Ion: 43 Resp: 172954
Ion Ratio Lower Upper
43 100
74 23.2 17.7 26.5

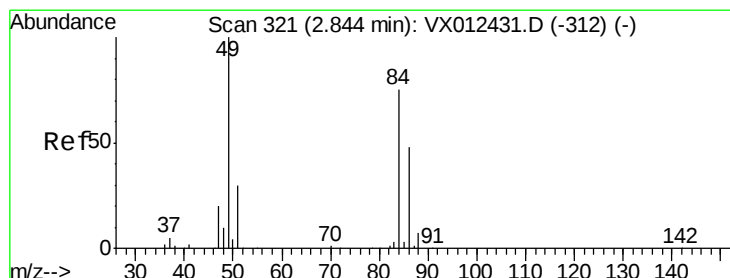
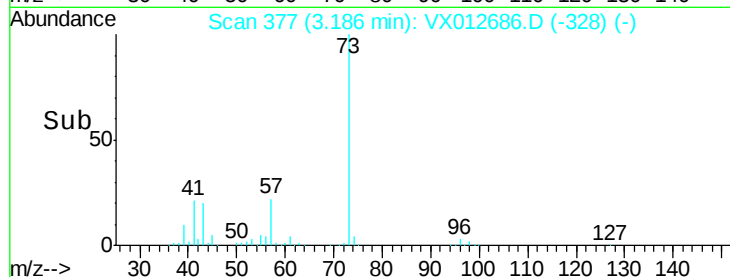
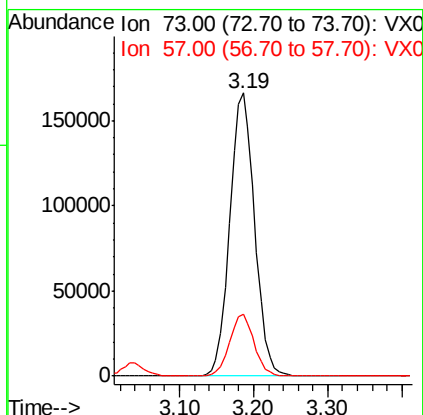
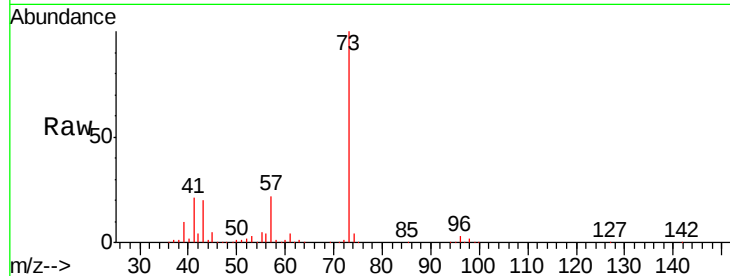




#19
Methyl tert-butyl Ether
Concen: 52.317 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

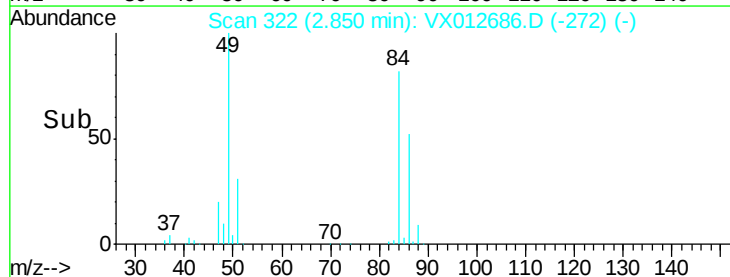
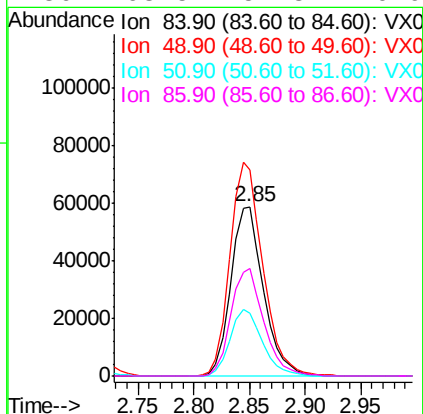
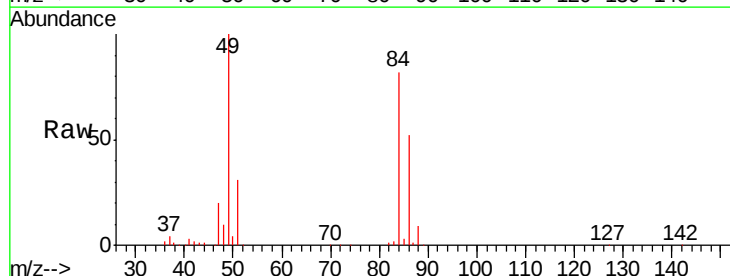
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

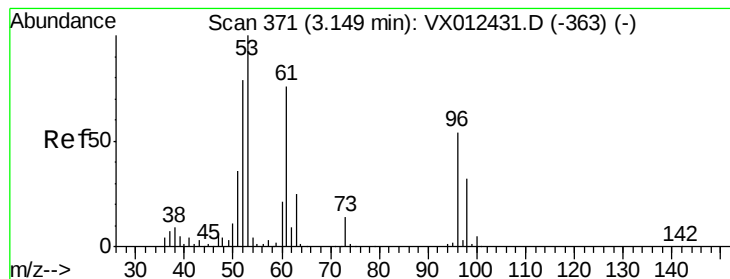
Tgt Ion: 73 Resp: 387900
Ion Ratio Lower Upper
73 100
57 21.7 16.8 25.2



#20
Methylene Chloride
Concen: 50.114 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Tgt Ion: 84 Resp: 119109
Ion Ratio Lower Upper
84 100
49 121.3 106.8 160.2
51 37.3 32.3 48.5
86 63.5 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 50.336 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

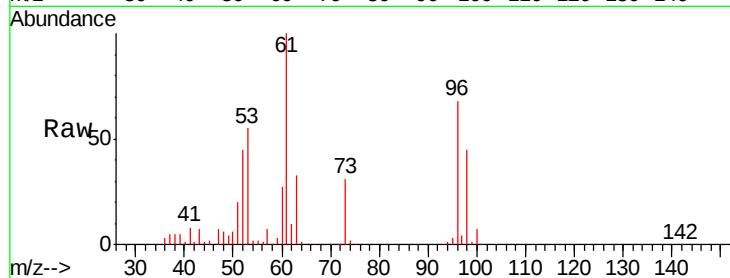
Tgt Ion: 96 Resp: 109235

Ion Ratio Lower Upper

96 100

61 148.1 112.0 168.0

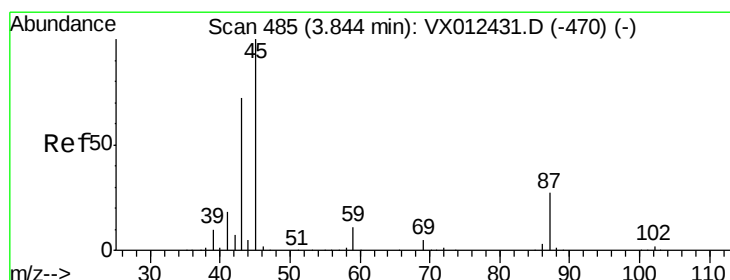
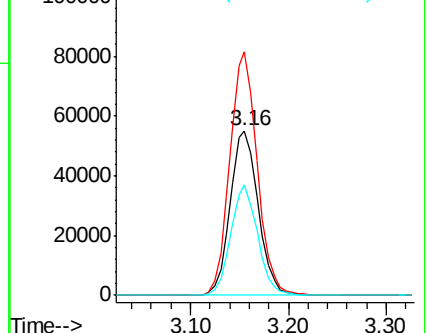
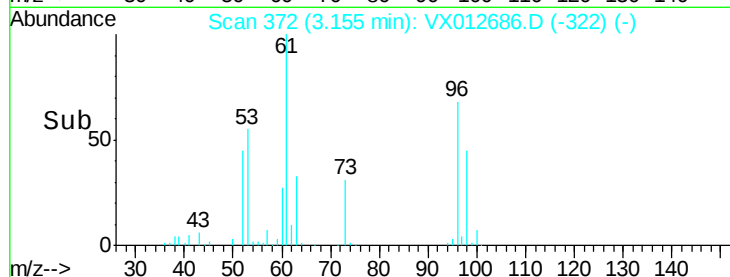
98 67.0 47.8 71.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.201 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Tgt Ion: 45 Resp: 392001

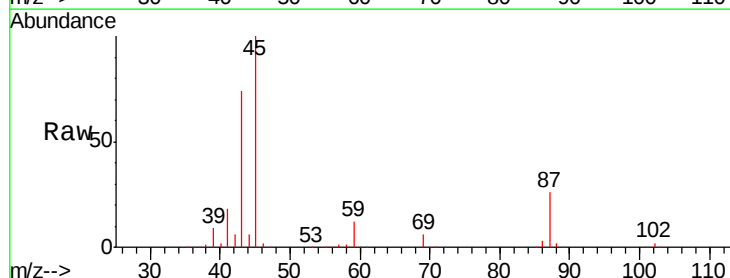
Ion Ratio Lower Upper

45 100

43 73.9 57.8 86.8

87 26.4 21.3 31.9

59 12.0 8.5 12.7

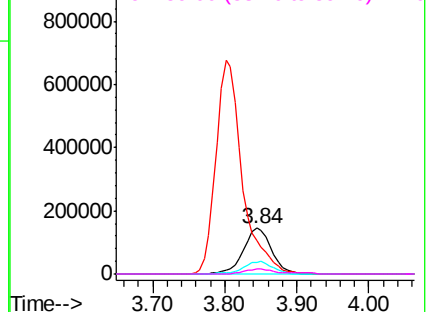
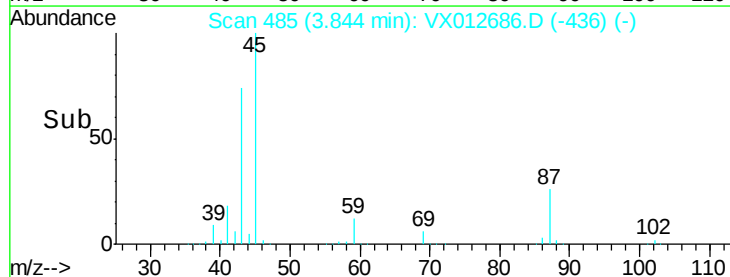


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 262.059 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

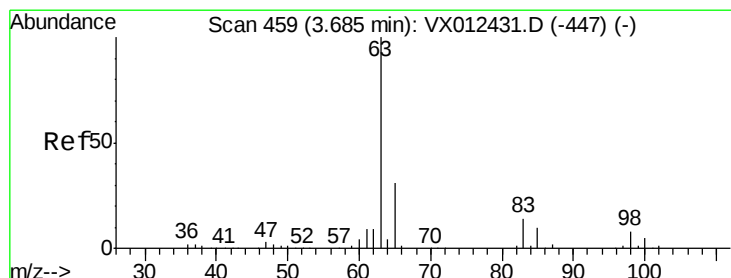
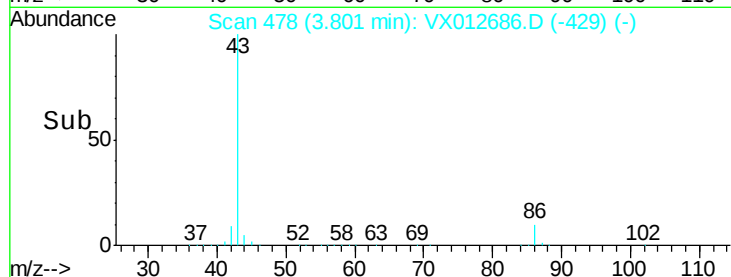
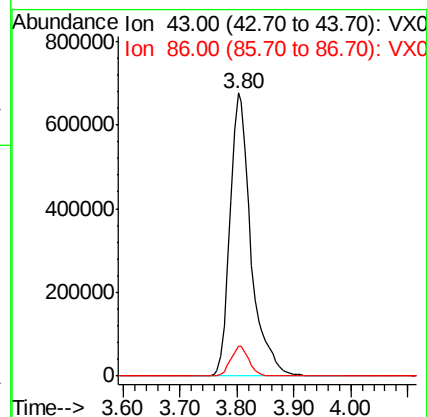
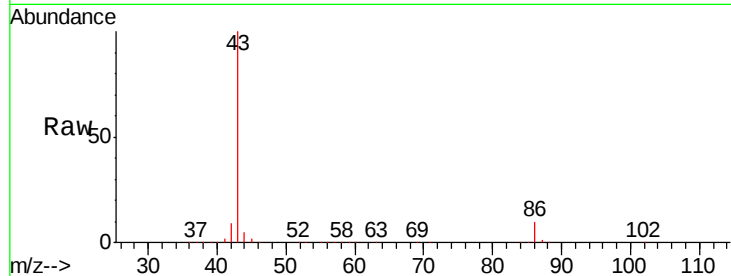
VSTDCCC050EC

Tgt Ion: 43 Resp: 1725768

Ion Ratio Lower Upper

43 100

86 10.5 7.8 11.8



#24

1,1-Dichloroethane

Concen: 51.597 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

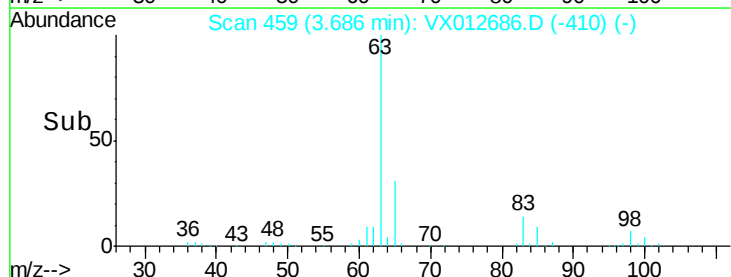
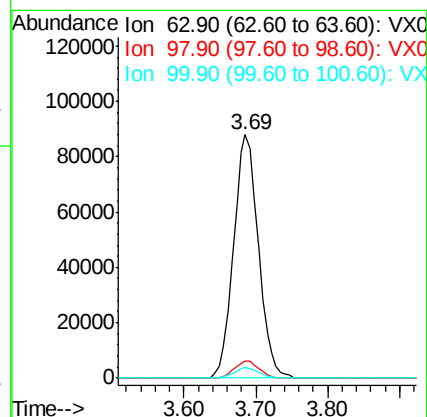
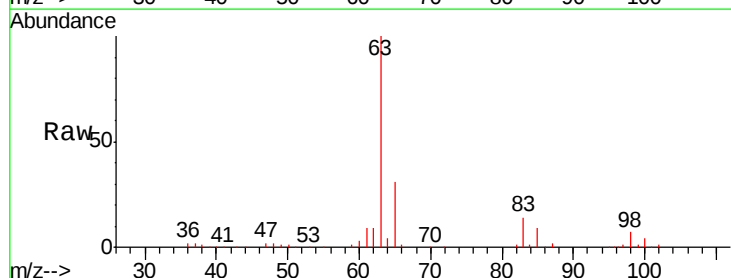
Tgt Ion: 63 Resp: 210614

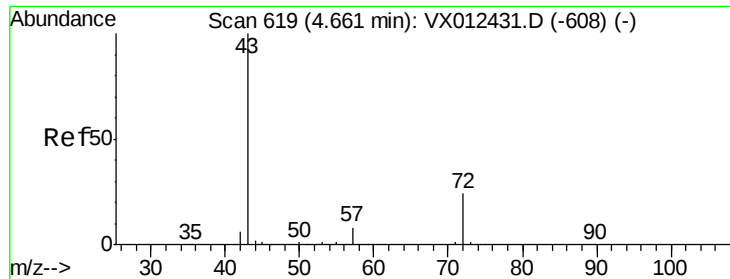
Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.7

100 4.5 2.3 6.9





#25

2-Butanone

Concen: 247.064 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

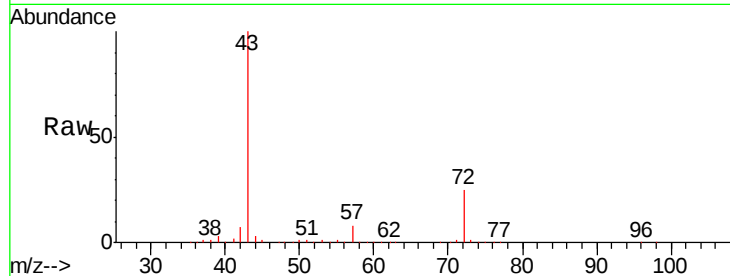
VSTDCCC050EC

Tgt Ion: 43 Resp: 497811

Ion Ratio Lower Upper

43 100

72 25.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.66

200000

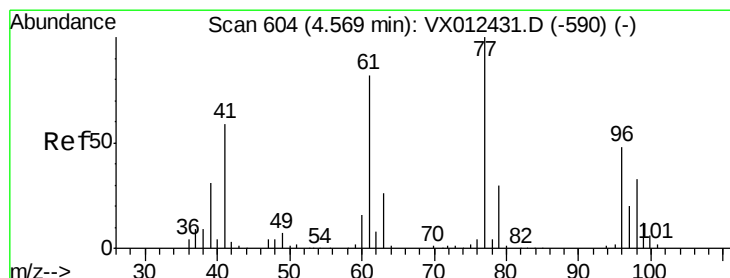
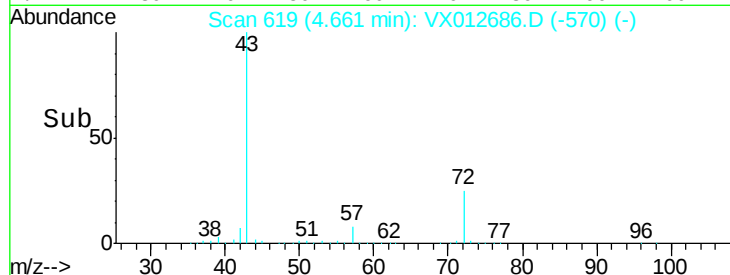
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 45.532 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012686.D

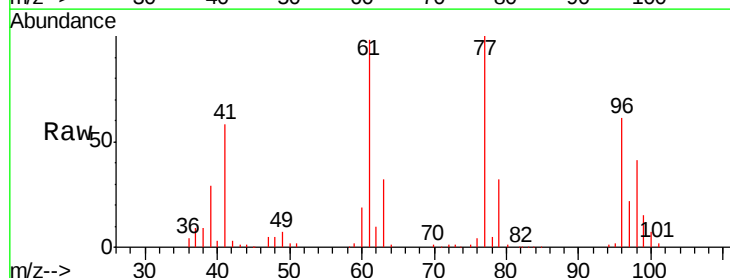
Acq: 26 Sep 2019 19:57

Tgt Ion: 77 Resp: 165302

Ion Ratio Lower Upper

77 100

97 22.2 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.57

60000

50000

40000

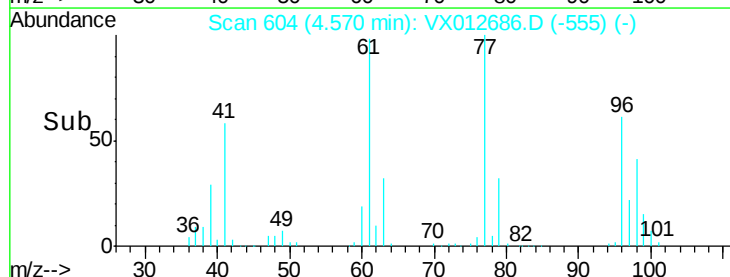
30000

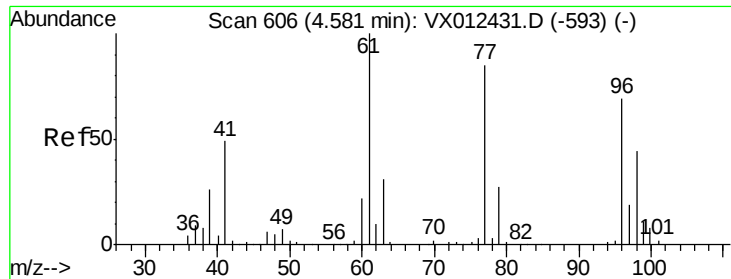
20000

10000

0

Time-->



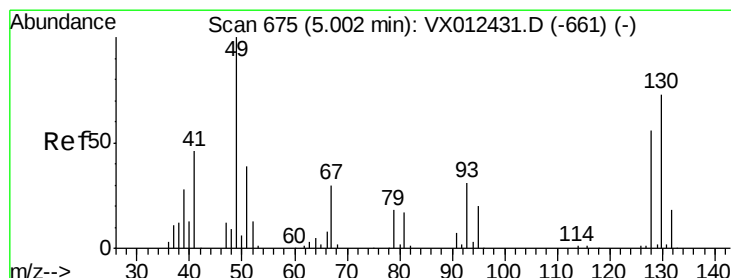
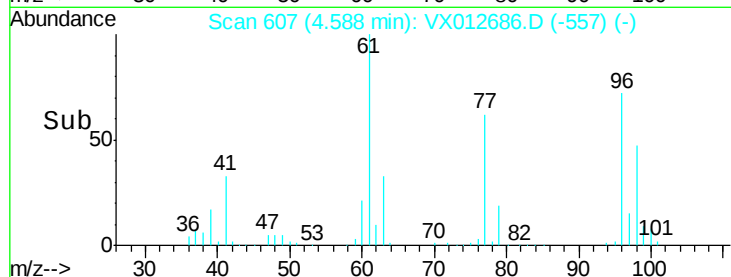
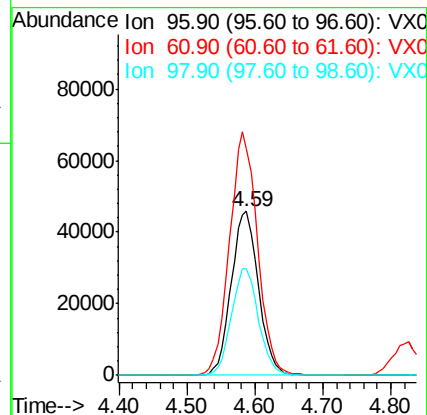
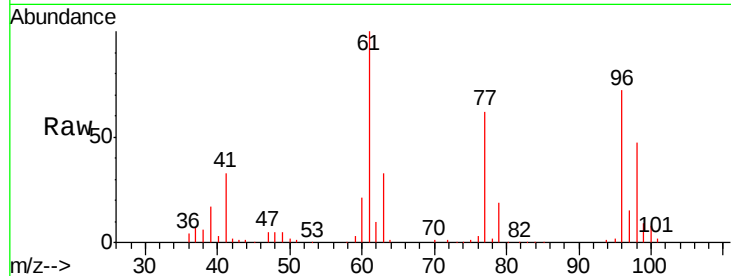


#27

cis-1,2-Dichloroethene
Concen: 50.552 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

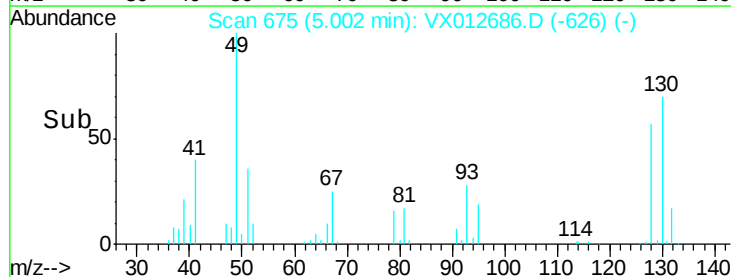
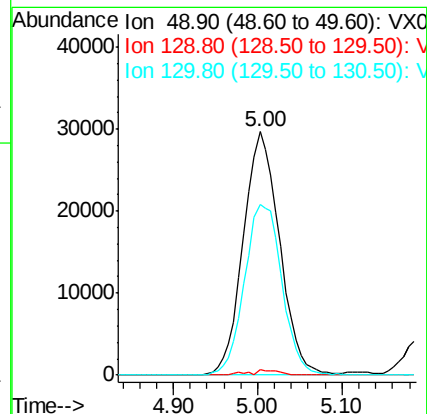
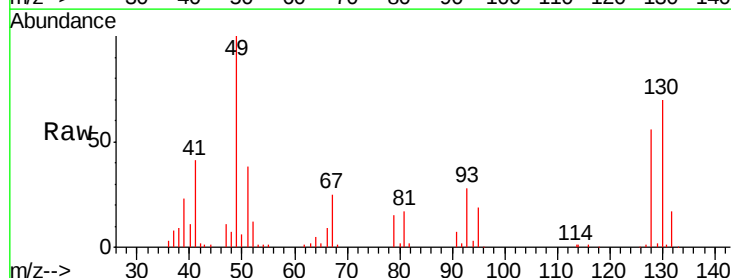
Tgt Ion: 96 Resp: 127291
Ion Ratio Lower Upper
96 100
61 152.5 0.0 319.4
98 64.7 0.0 130.6

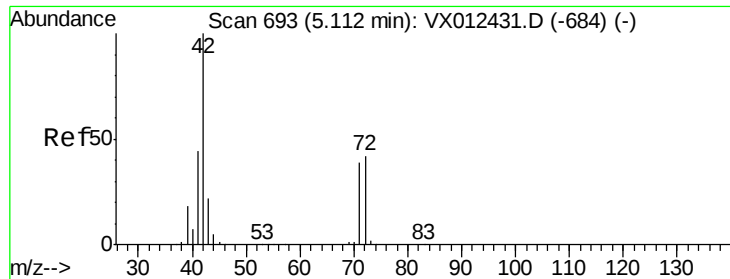


#28

Bromochloromethane
Concen: 58.560 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Tgt Ion: 49 Resp: 86795
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.8
130 72.1 58.2 87.4





#29

Tetrahydrofuran

Concen: 263.167 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

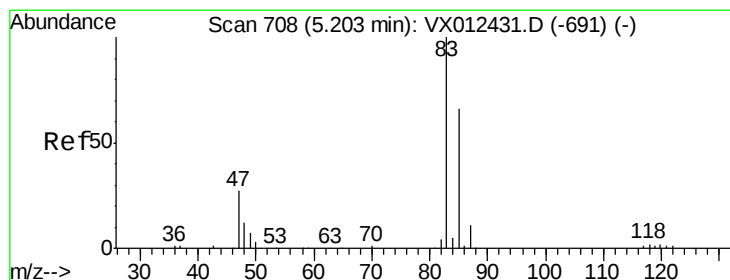
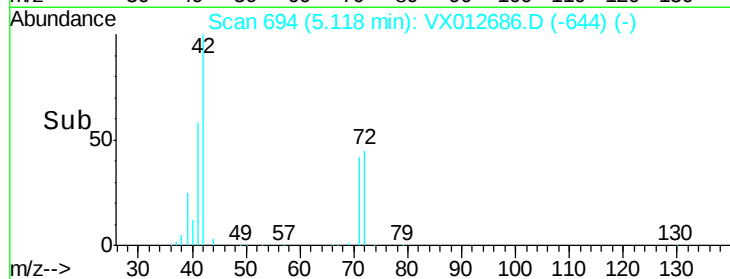
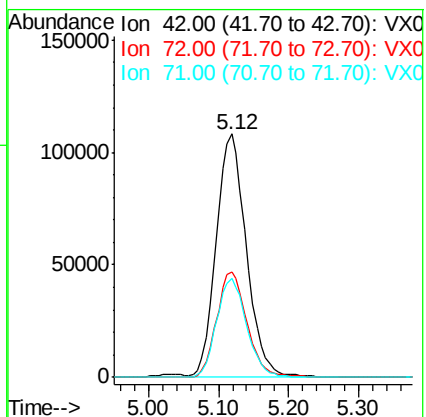
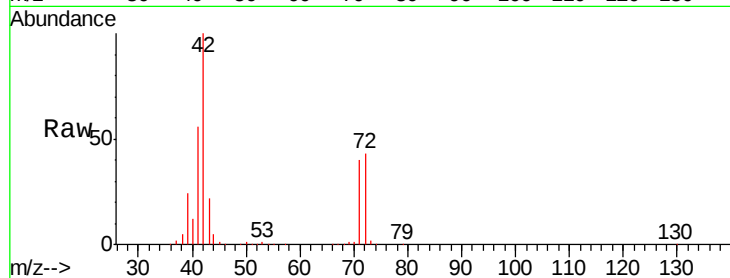
Tgt Ion: 42 Resp: 323194

Ion Ratio Lower Upper

42 100

72 43.8 34.0 51.0

71 40.9 31.5 47.3



#30

Chloroform

Concen: 51.220 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX012686.D

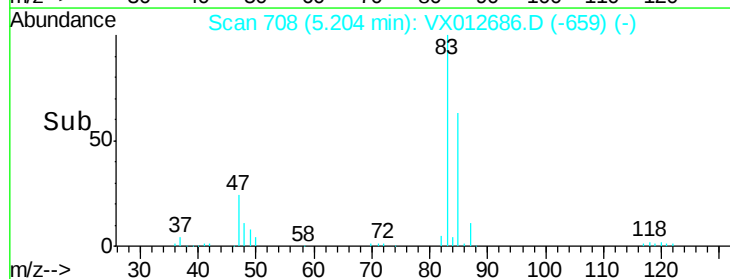
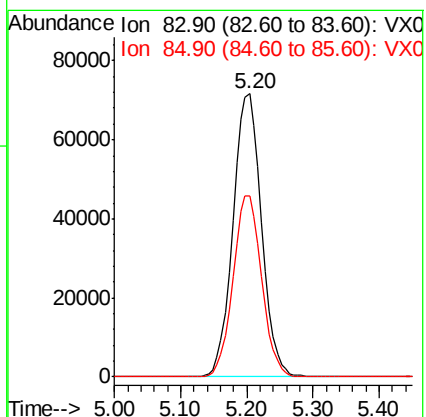
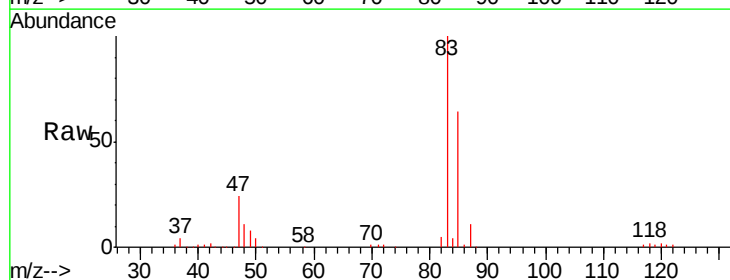
Acq: 26 Sep 2019 19:57

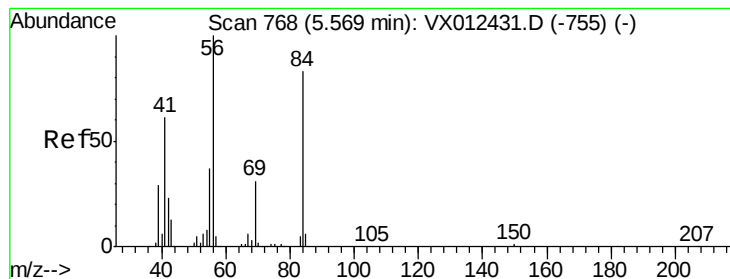
Tgt Ion: 83 Resp: 213902

Ion Ratio Lower Upper

83 100

85 63.8 53.0 79.4





#31

Cyclohexane

Concen: 51.020 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

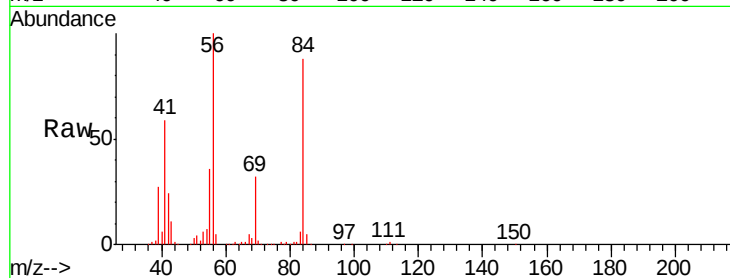
Tgt Ion: 56 Resp: 188407

Ion Ratio Lower Upper

56 100

69 32.3 25.0 37.6

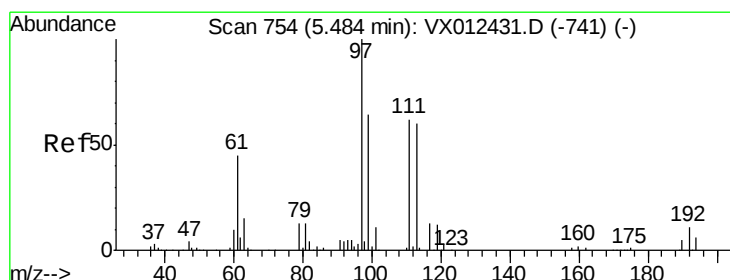
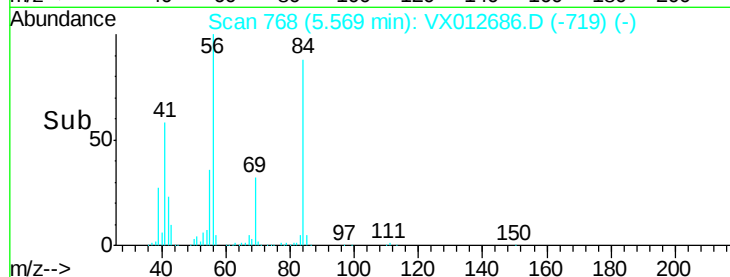
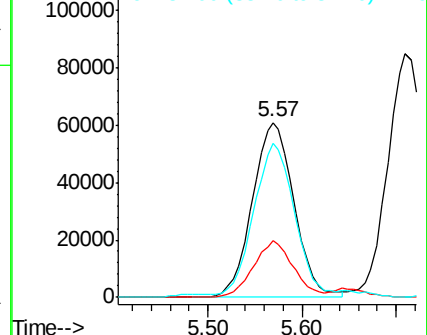
84 86.6 66.4 99.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 51.243 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

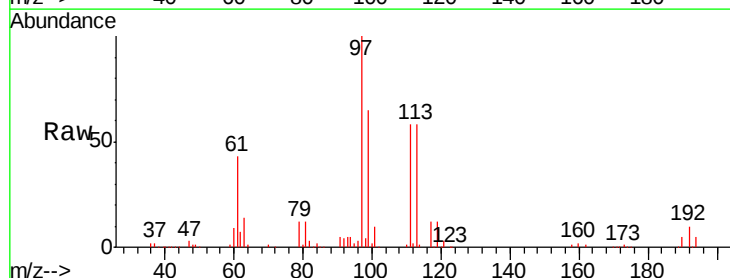
Tgt Ion: 97 Resp: 189661

Ion Ratio Lower Upper

97 100

99 64.5 51.3 76.9

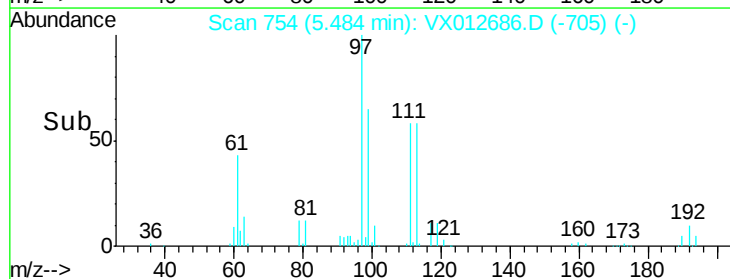
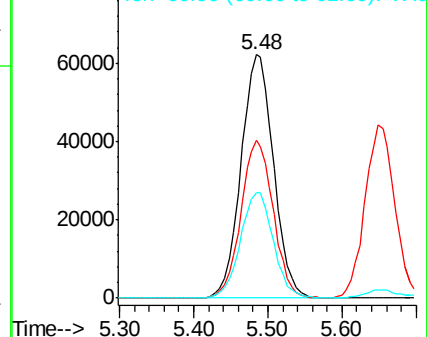
61 44.2 36.1 54.1

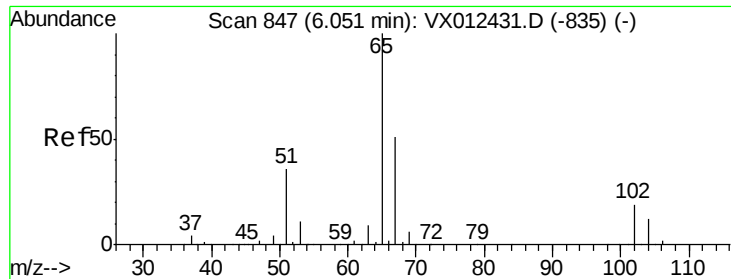


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

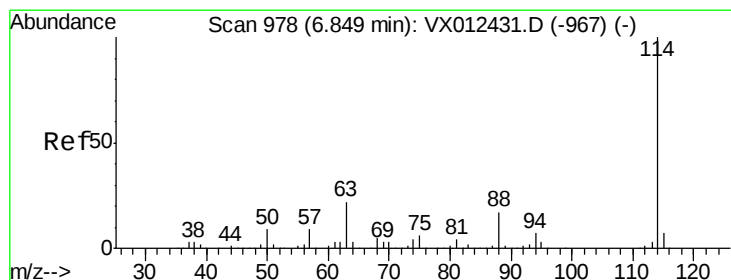
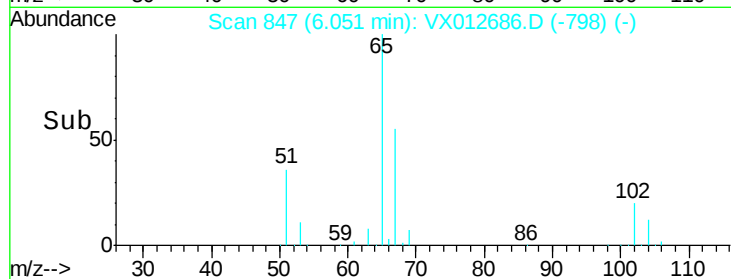
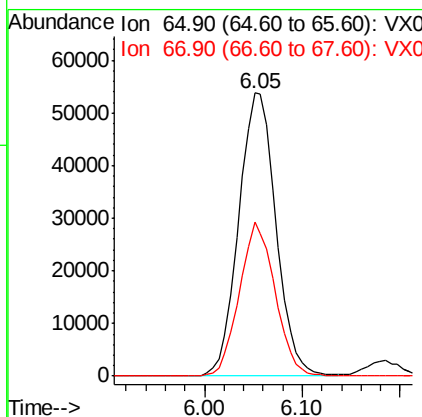
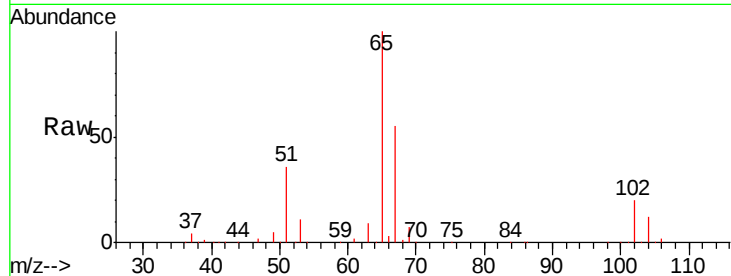




#33
 1,2-Dichloroethane-d4
 Concen: 53.480 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

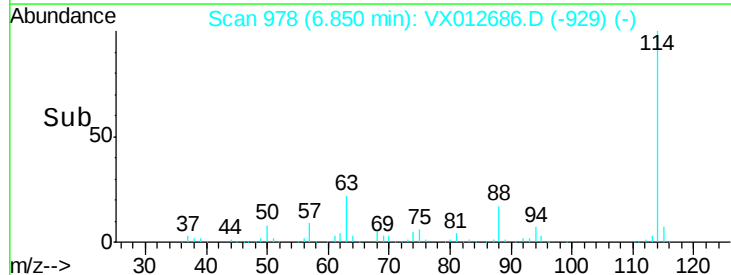
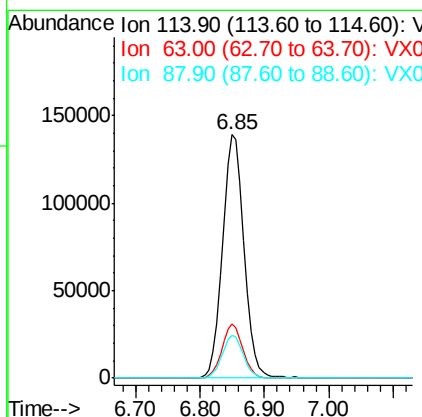
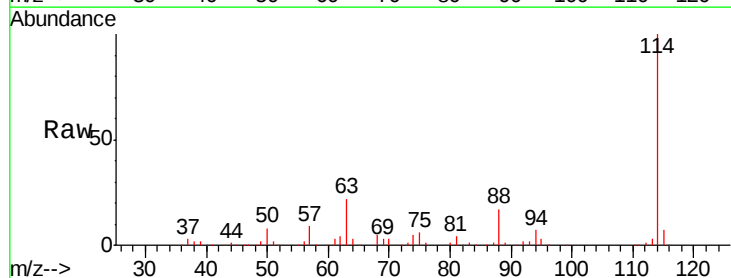
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 141882
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Tgt Ion: 114 Resp: 328777
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.2
 88 17.5 0.0 33.2

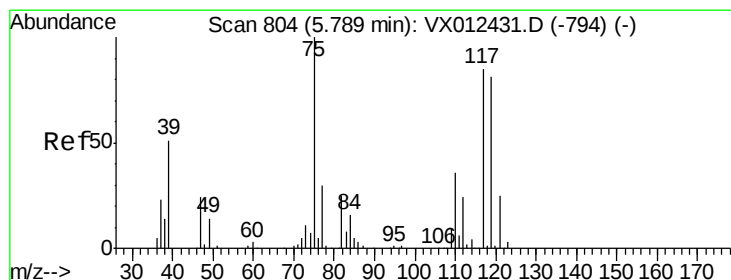
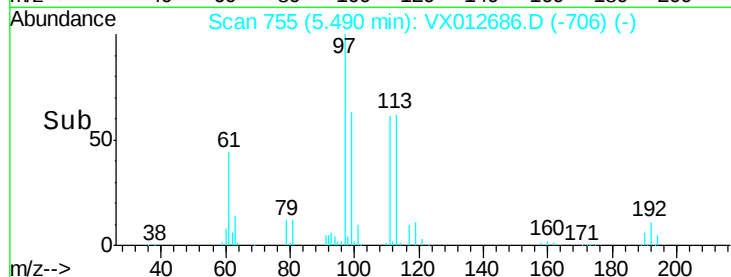
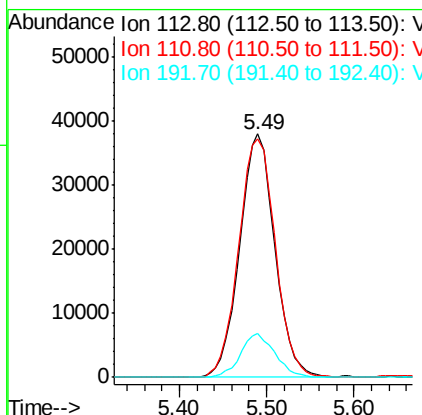
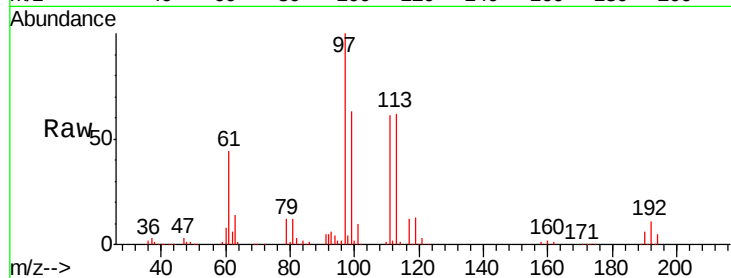




#35
 Dibromofluoromethane
 Concen: 54.174 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

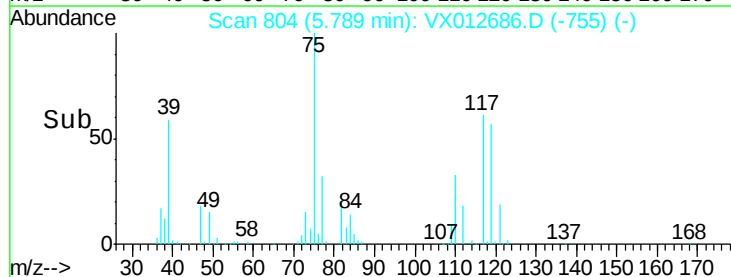
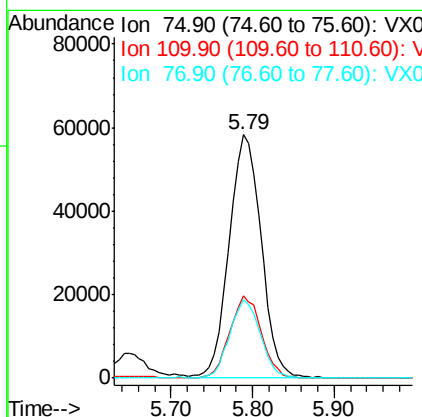
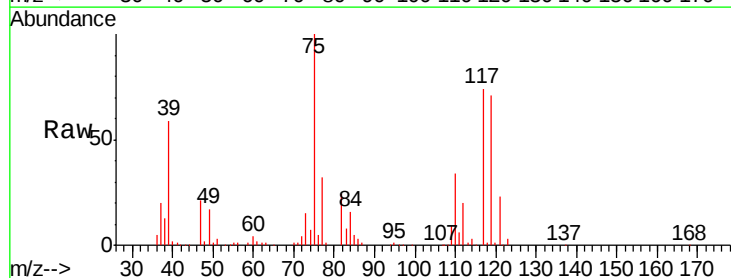
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

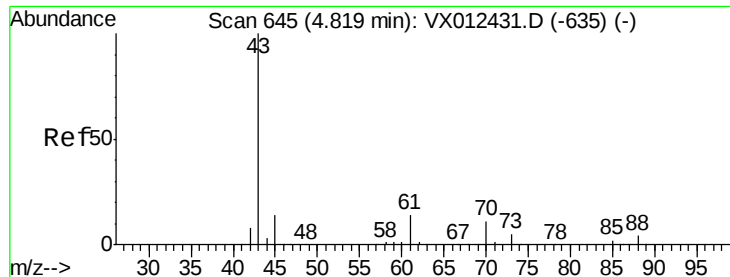
Tgt Ion: 113 Resp: 106074
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.4 125.2
 192 17.7 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 49.813 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Tgt Ion: 75 Resp: 157861
 Ion Ratio Lower Upper
 75 100
 110 33.5 16.7 50.0
 77 31.1 24.2 36.2





#37

Ethyl Acetate

Concen: 51.726 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

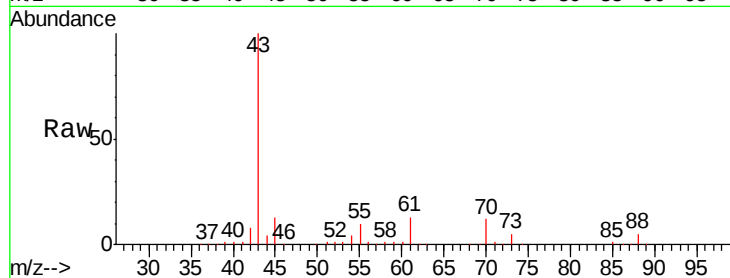
Tgt Ion: 43 Resp: 191644

Ion Ratio Lower Upper

43 100

61 13.6 10.2 15.4

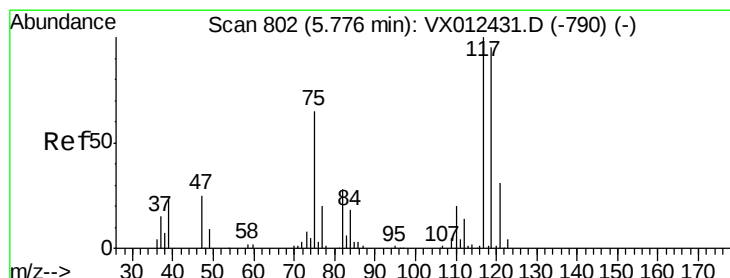
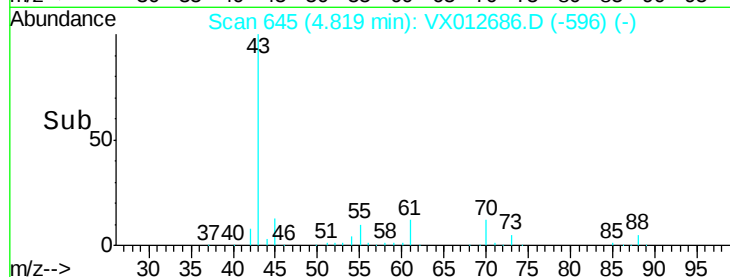
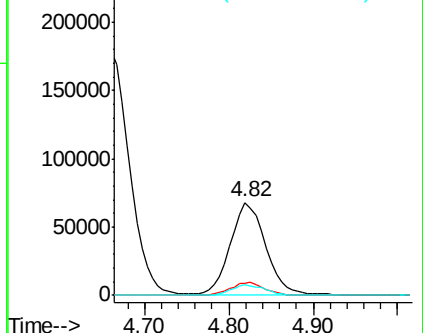
70 11.4 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 49.560 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

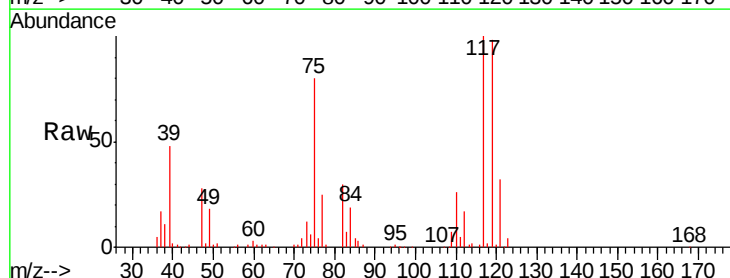
Tgt Ion: 117 Resp: 159543

Ion Ratio Lower Upper

117 100

119 97.9 75.7 113.5

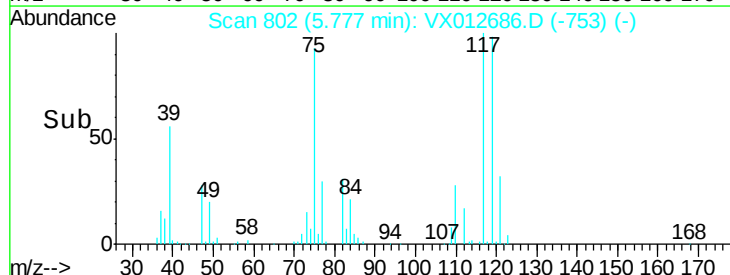
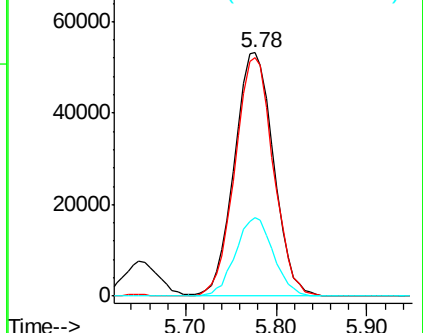
121 32.1 24.2 36.4

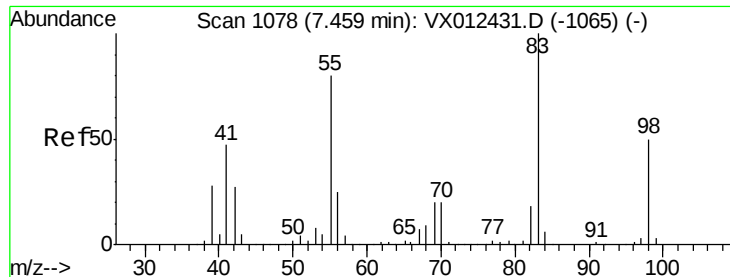


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

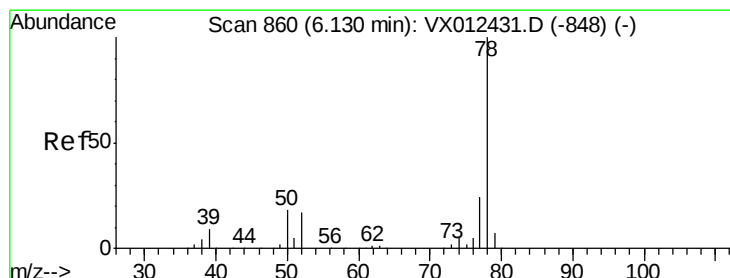
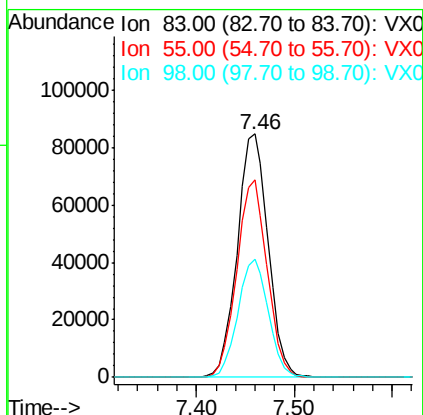
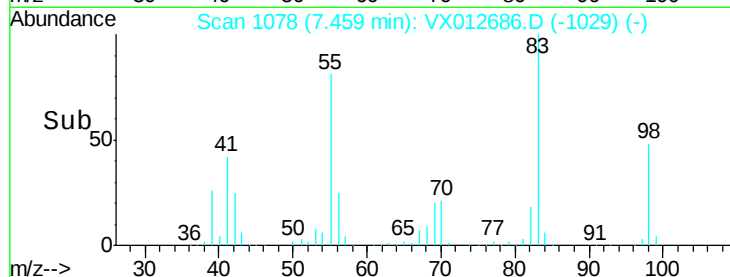
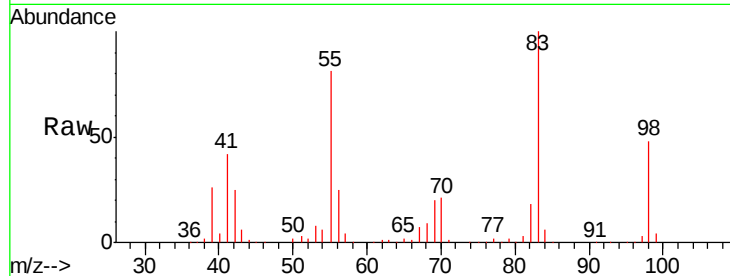




#39
Methylcyclohexane
Concen: 48.525 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

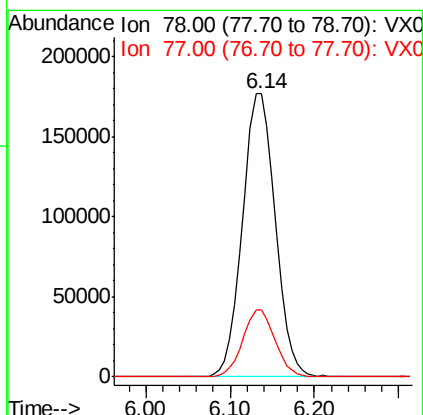
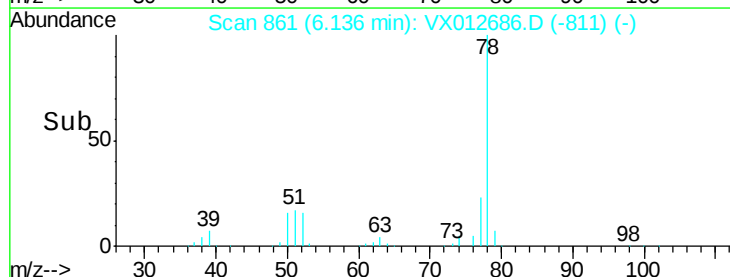
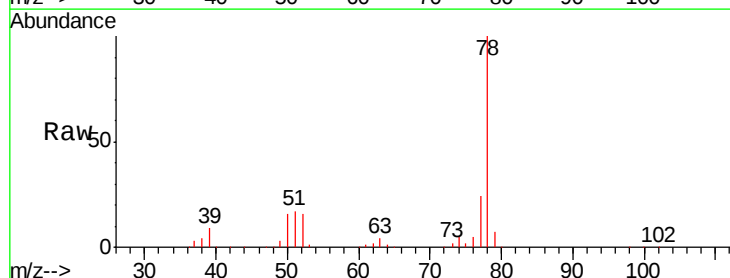
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

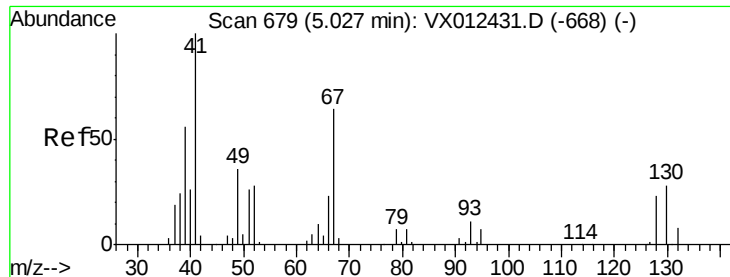
Tgt Ion: 83 Resp: 185129
Ion Ratio Lower Upper
83 100
55 81.3 64.4 96.6
98 48.5 40.1 60.1



#40
Benzene
Concen: 49.980 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Tgt Ion: 78 Resp: 466024
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8

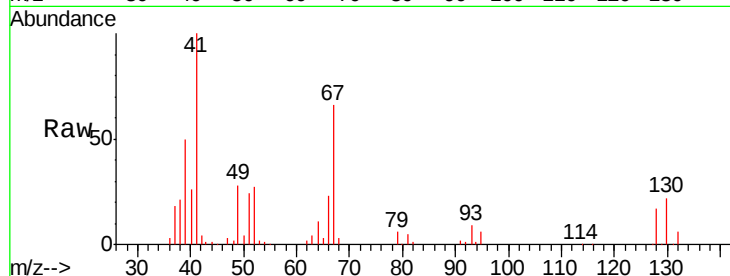




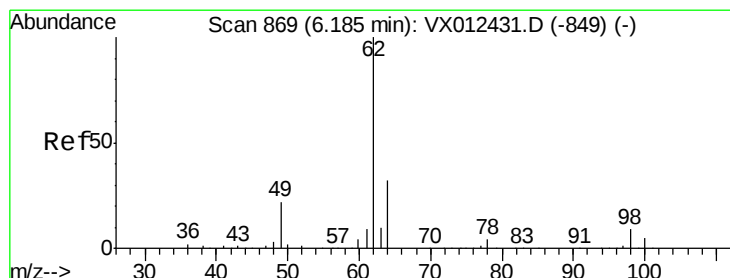
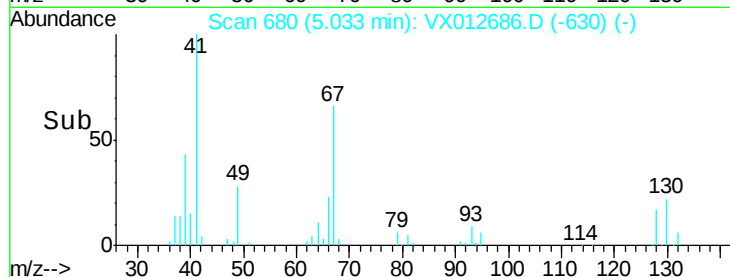
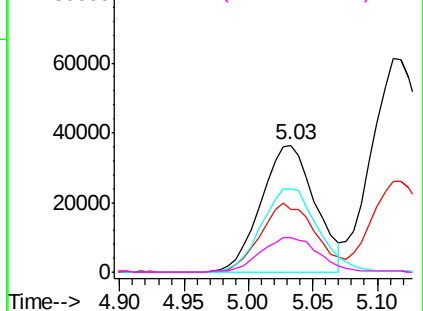
#41
Methacrylonitrile
Concen: 50.875 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	105757
Ion	Ratio	Lower	Upper
41	100		
39	56.2	46.0	69.0
67	69.4	52.2	78.2
52	29.1	22.7	34.1

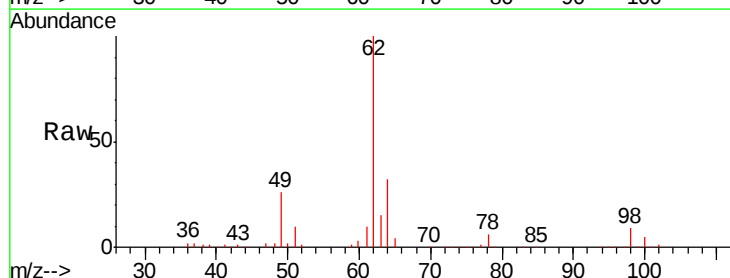


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

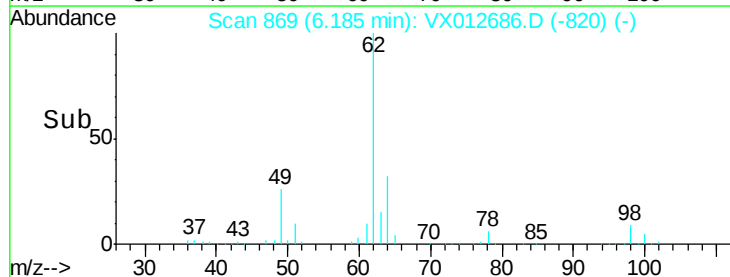
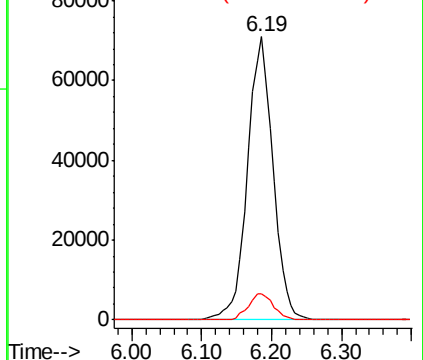


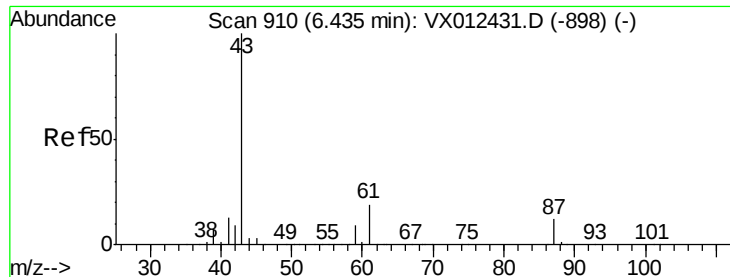
#42
1,2-Dichloroethane
Concen: 51.039 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Tgt Ion:	62	Resp:	180720
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 50.290 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

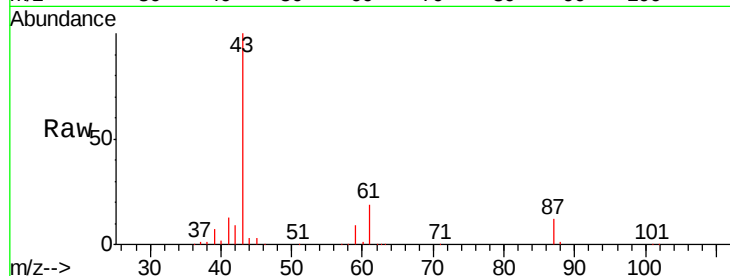
Tgt Ion: 43 Resp: 311588

Ion Ratio Lower Upper

43 100

61 19.5 15.4 23.0

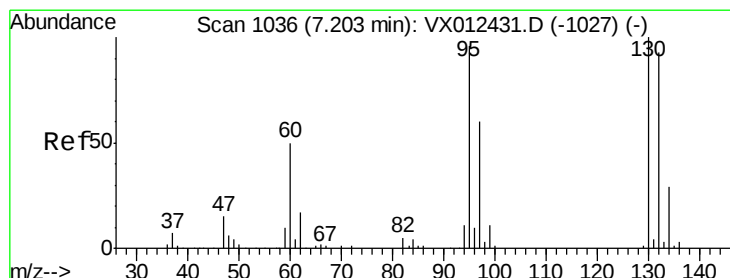
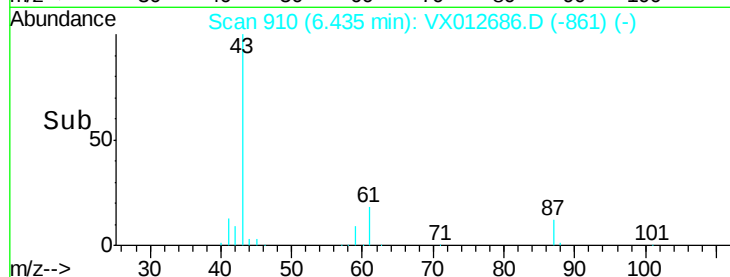
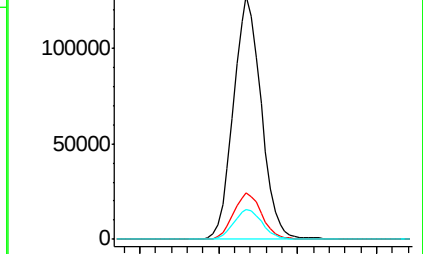
87 12.7 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.333 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012686.D

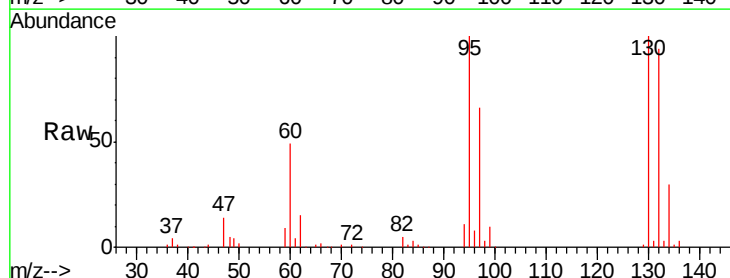
Acq: 26 Sep 2019 19:57

Tgt Ion: 130 Resp: 117595

Ion Ratio Lower Upper

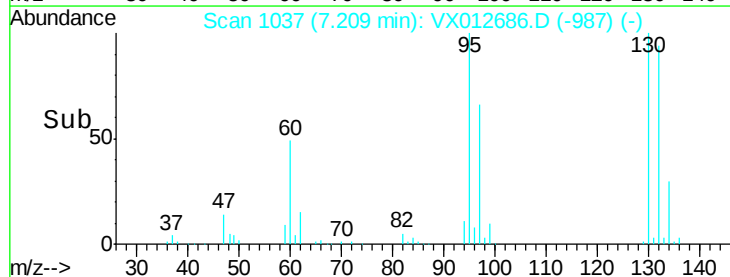
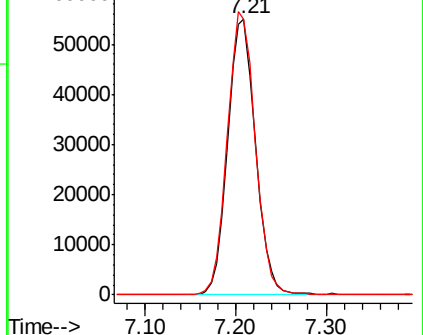
130 100

95 100.0 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

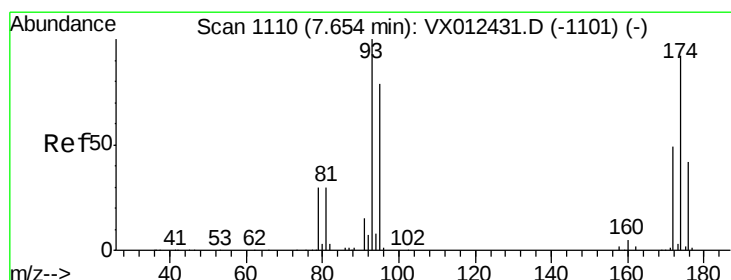
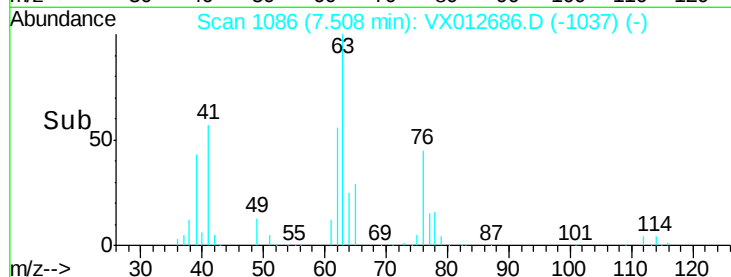
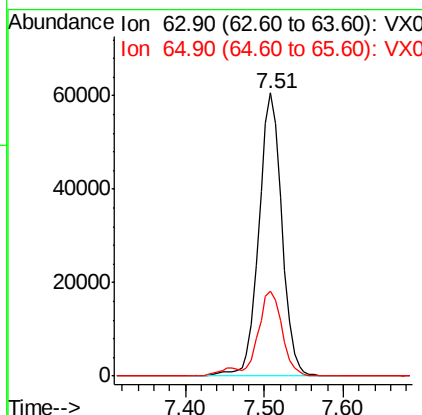
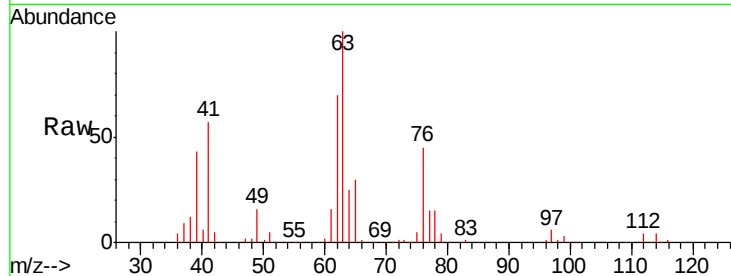




#45
 1,2-Dichloropropane
 Concen: 51.424 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

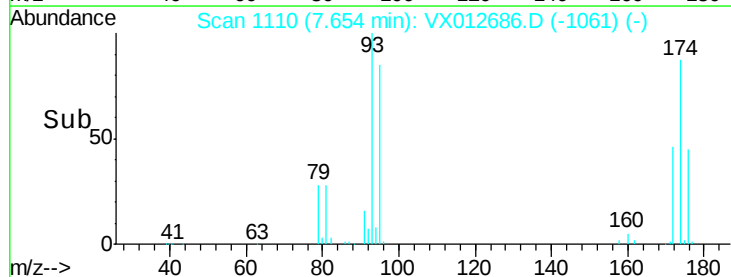
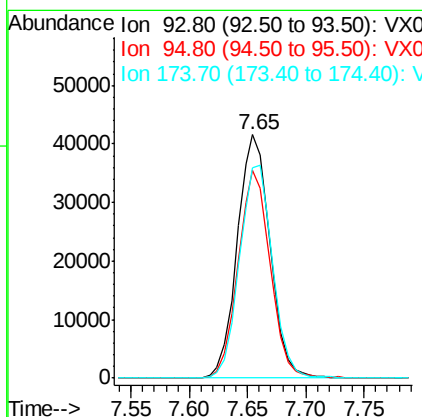
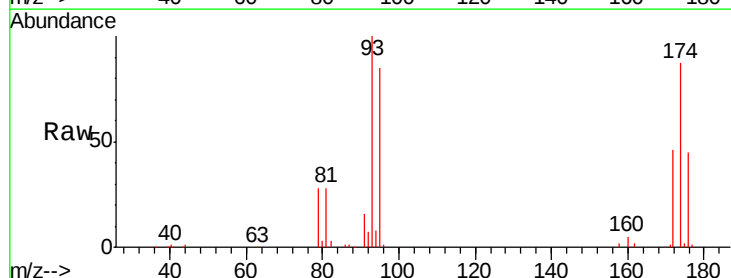
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

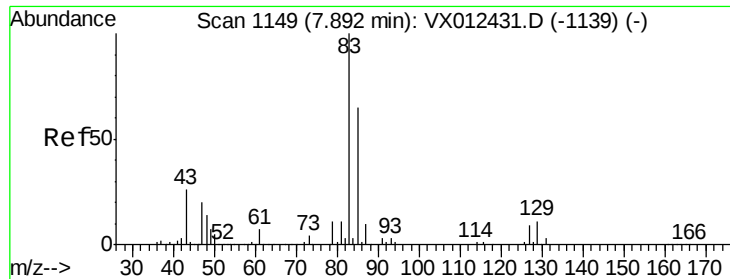
Tgt Ion: 63 Resp: 122760
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.0 37.6



#46
 Dibromomethane
 Concen: 50.196 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Tgt Ion: 93 Resp: 81587
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.6 100.0
 174 88.1 77.4 116.0





#47

Bromodichloromethane

Concen: 50.577 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

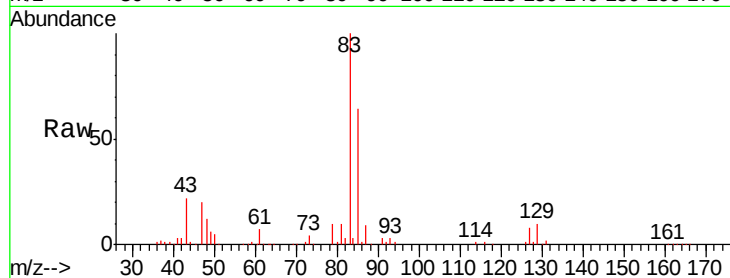
Tgt Ion: 83 Resp: 164297

Ion Ratio Lower Upper

83 100

85 63.7 51.8 77.6

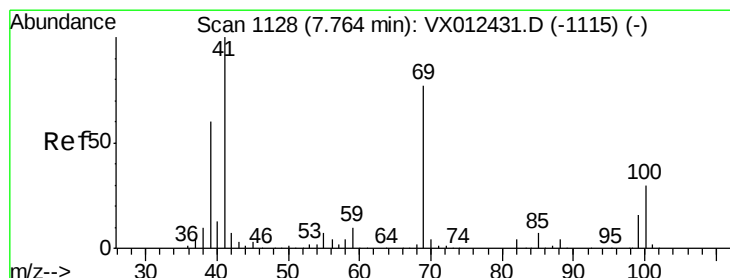
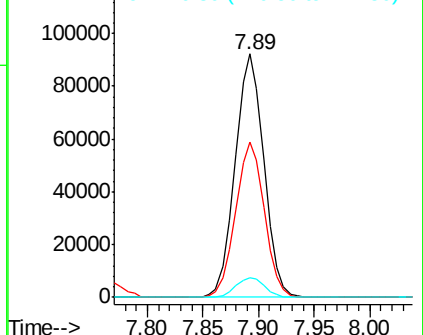
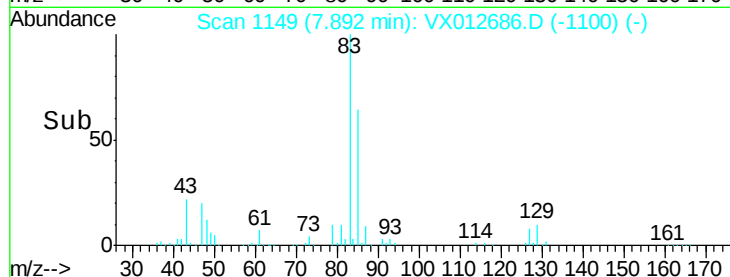
127 7.9 7.3 10.9



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: 51.483 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

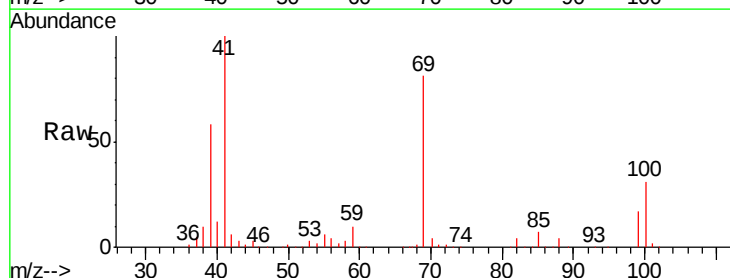
Tgt Ion: 41 Resp: 152950

Ion Ratio Lower Upper

41 100

69 80.1 59.9 89.9

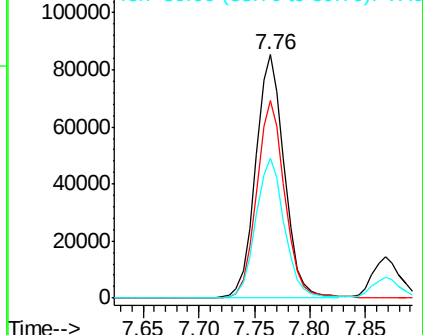
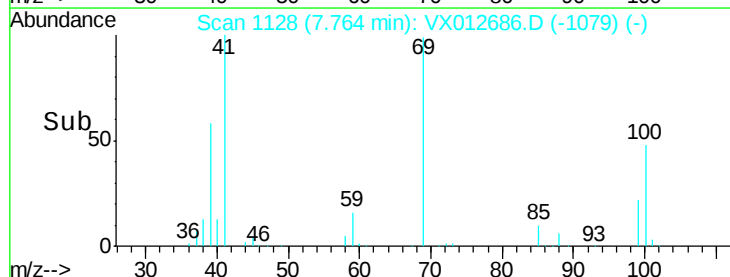
39 58.2 47.8 71.6

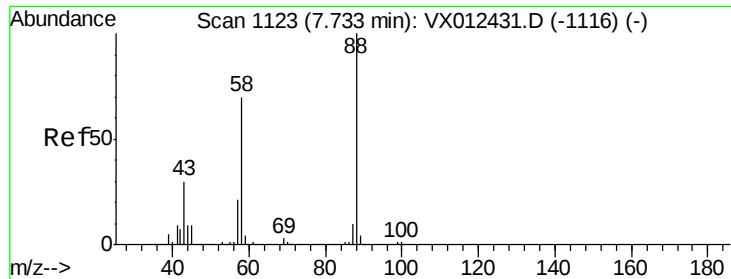


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 981.008 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

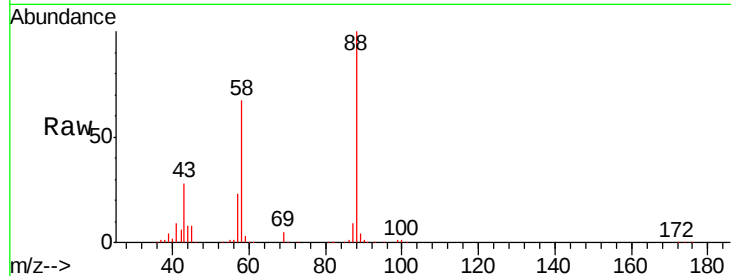
Tgt Ion: 88 Resp: 66105

Ion Ratio Lower Upper

88 100

43 34.6 29.4 44.0

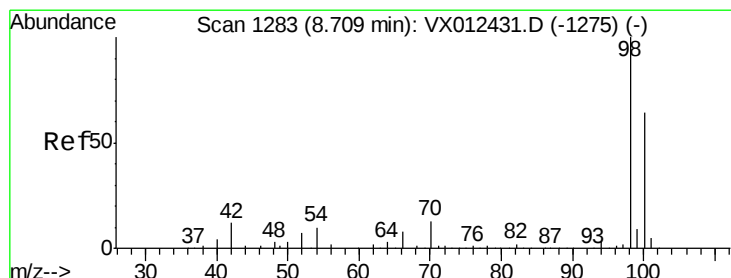
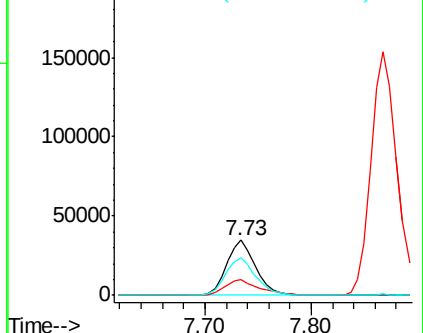
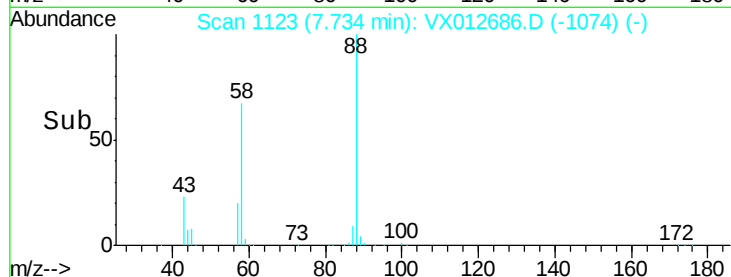
58 72.3 57.5 86.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 52.393 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012686.D

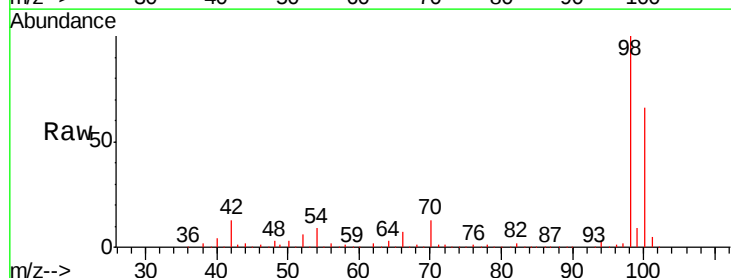
Acq: 26 Sep 2019 19:57

Tgt Ion: 98 Resp: 395062

Ion Ratio Lower Upper

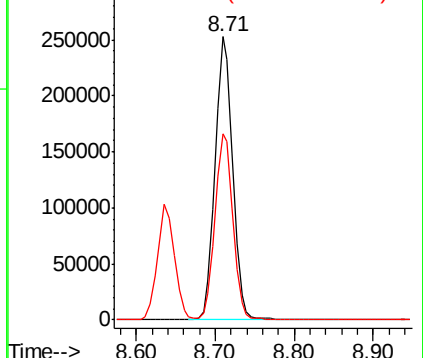
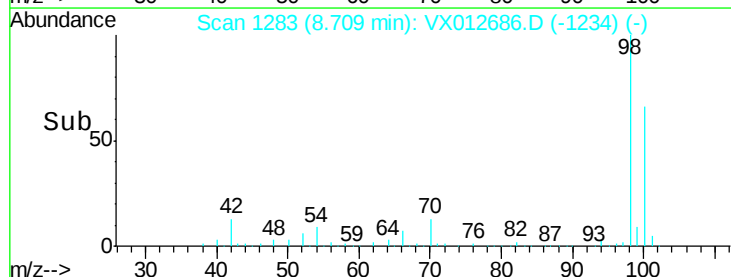
98 100

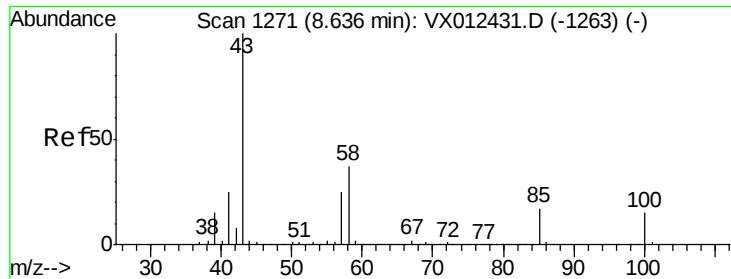
100 66.9 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

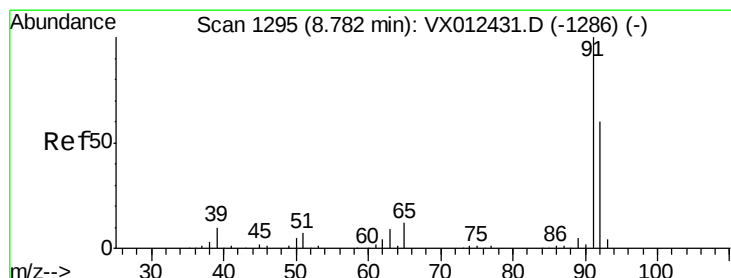
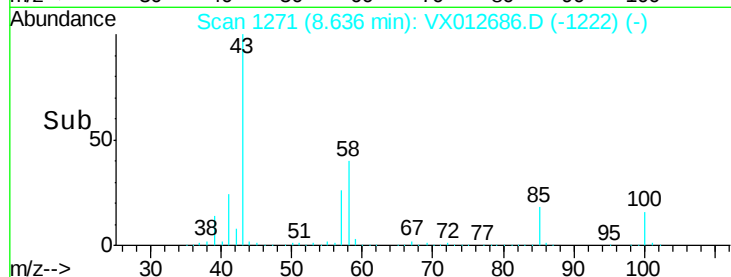
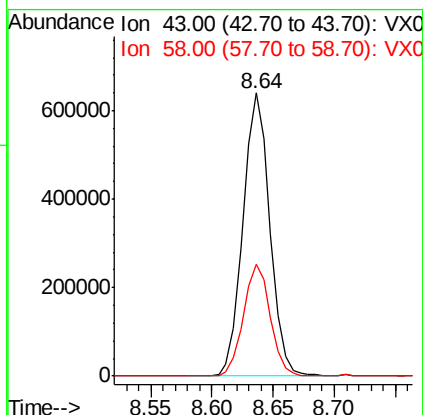
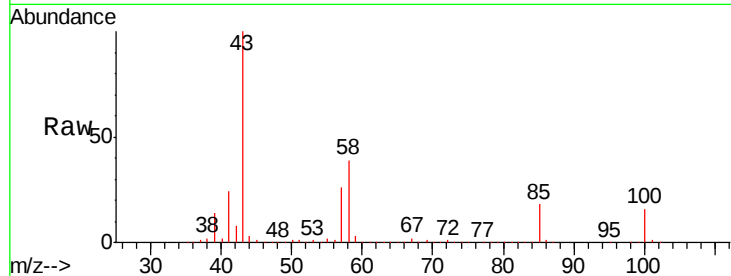




#51
 4-Methyl-2-Pentanone
 Concen: 254.808 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

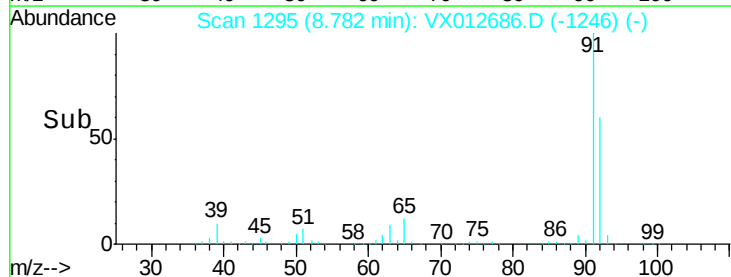
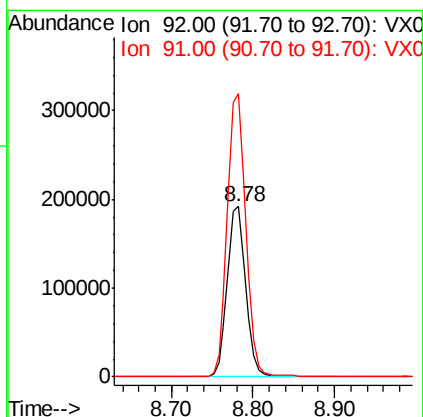
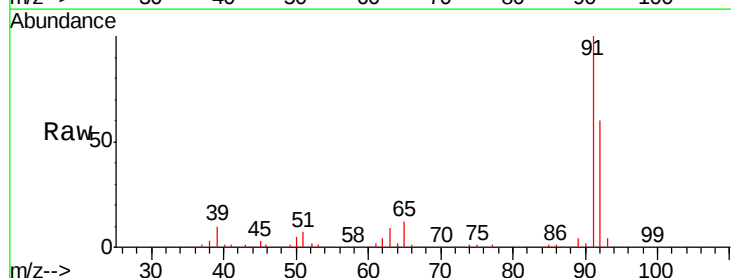
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

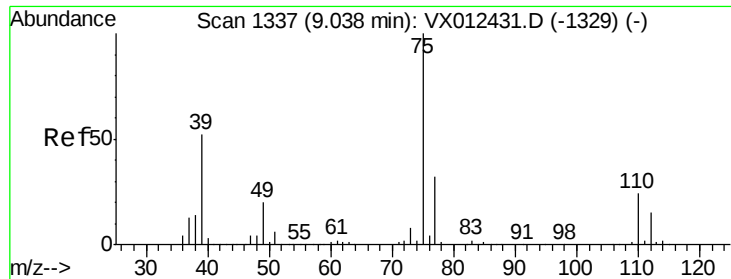
Tgt Ion: 43 Resp: 974536
 Ion Ratio Lower Upper
 43 100
 58 39.2 29.8 44.6



#52
 Toluene
 Concen: 51.028 ug/l
 RT: 8.78 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Tgt Ion: 92 Resp: 299043
 Ion Ratio Lower Upper
 92 100
 91 167.1 135.4 203.0

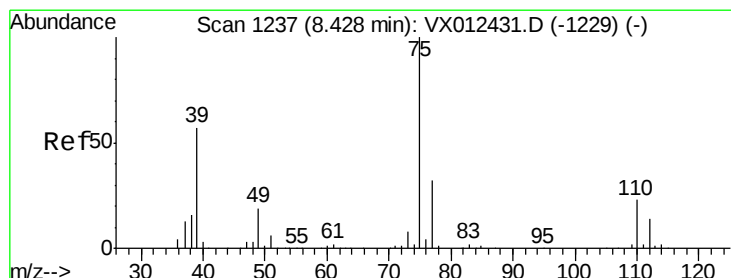
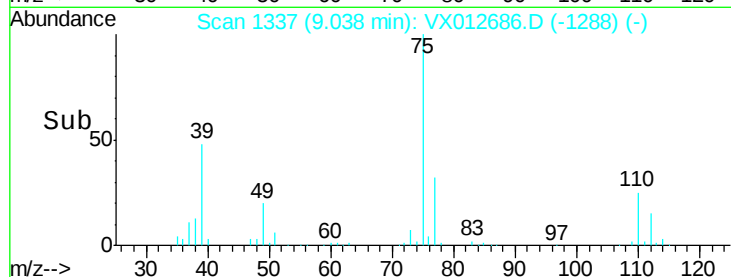
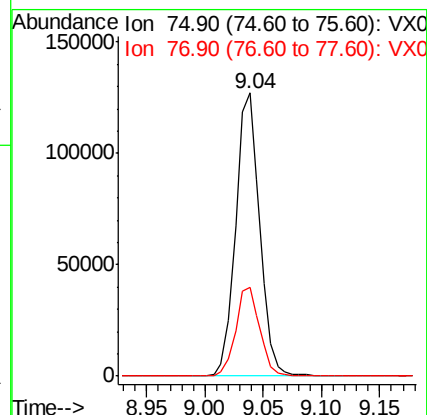
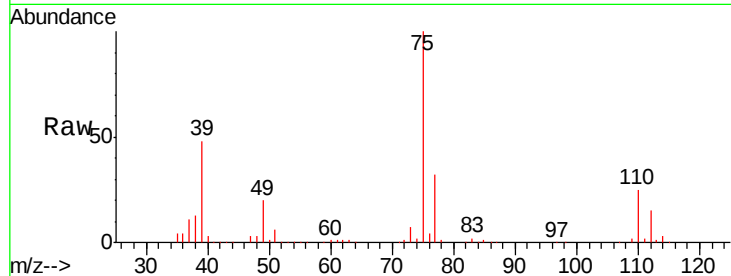




#53
t-1,3-Dichloropropene
Concen: 50.811 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

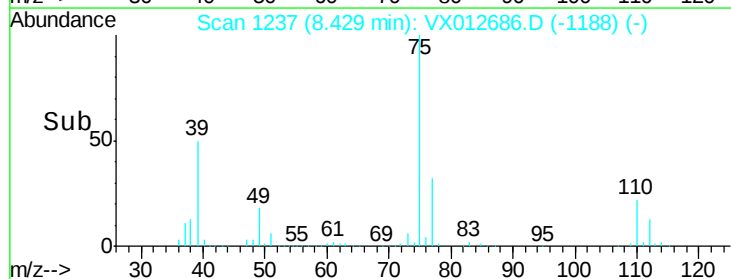
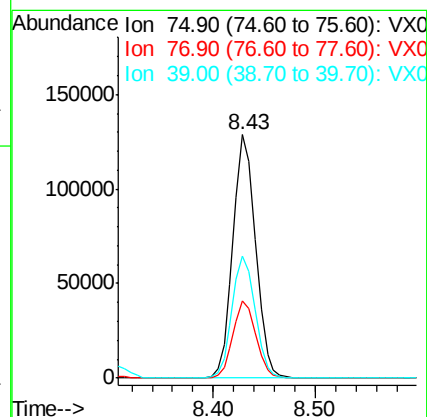
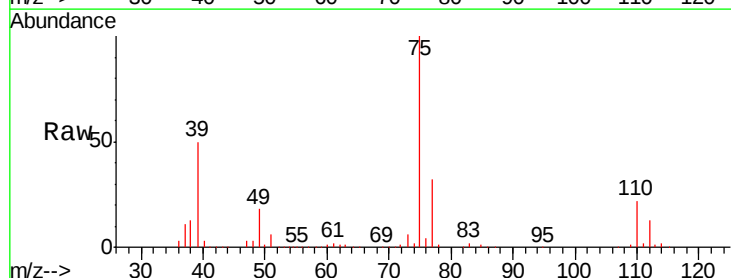
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

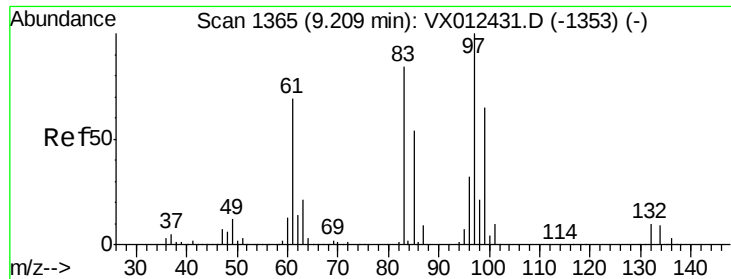
Tgt Ion: 75 Resp: 182623
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 50.630 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Tgt Ion: 75 Resp: 198685
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.8
39 50.1 45.5 68.3

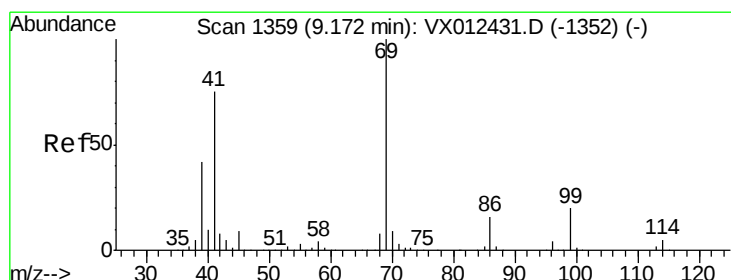
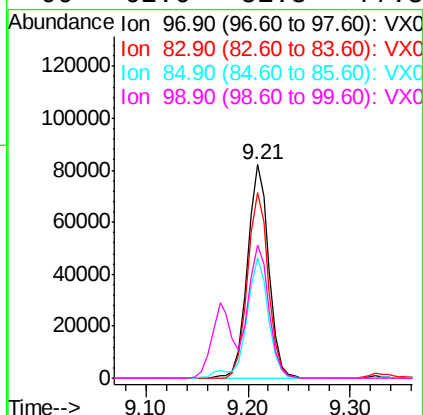
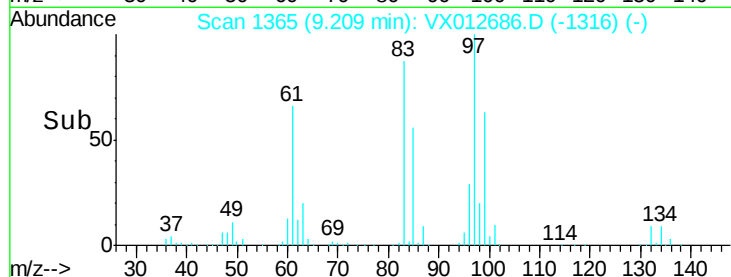
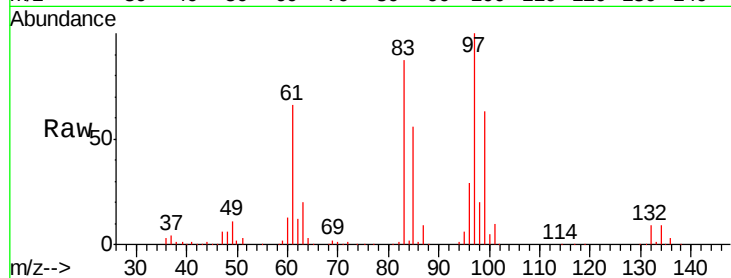




#55
 1,1,2-Trichloroethane
 Concen: 51.370 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

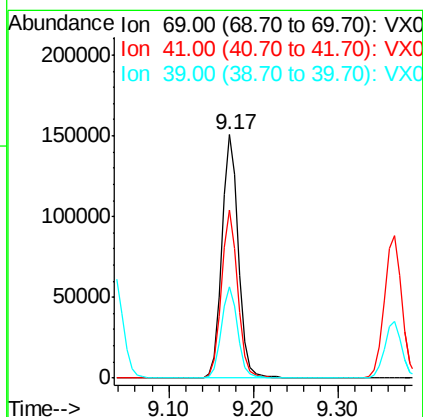
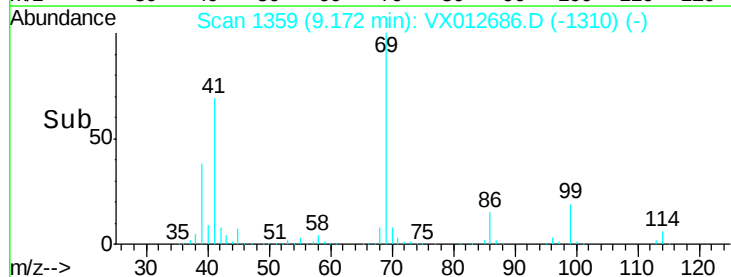
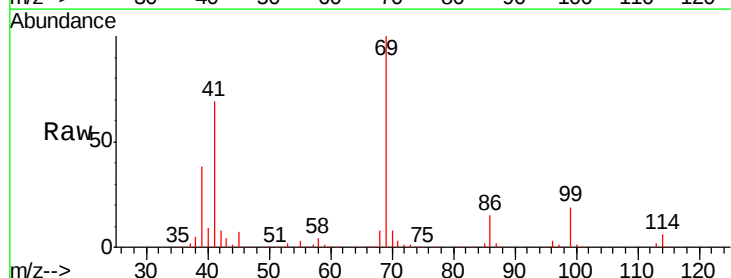
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

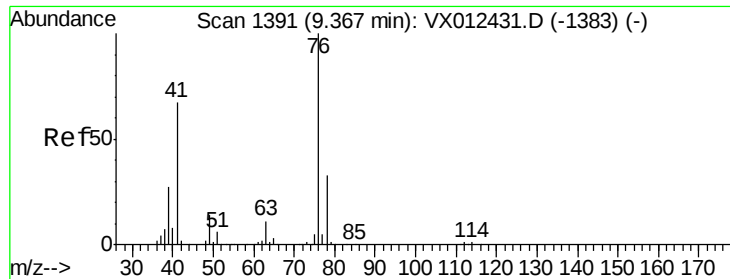
Tgt Ion:	97	Resp:	119689
Ion	Ratio	Lower	Upper
97	100		
83	86.7	67.4	101.2
85	56.1	43.5	65.3
99	62.6	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 52.227 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Tgt Ion:	69	Resp:	204430
Ion	Ratio	Lower	Upper
69	100		
41	68.5	58.4	87.6
39	37.5	33.4	50.0

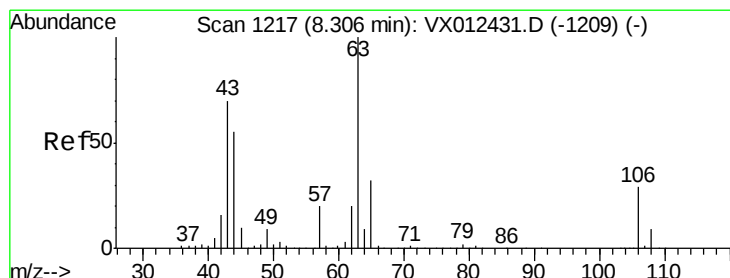
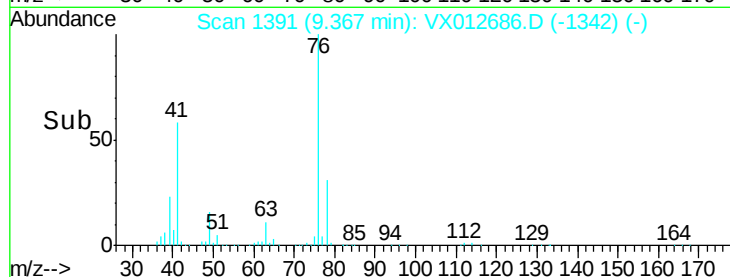
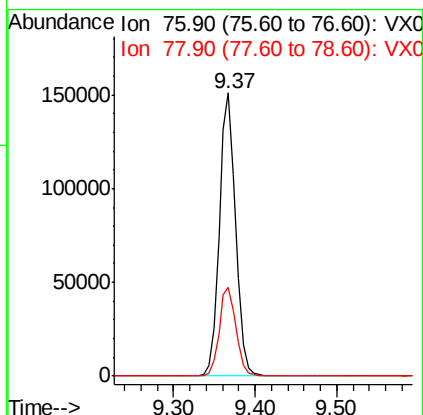
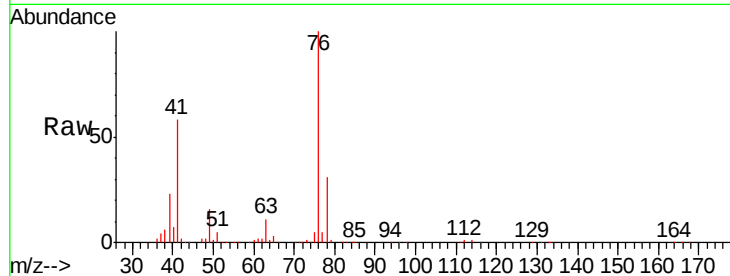




#57
 1,3-Dichloropropane
 Concen: 51.657 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

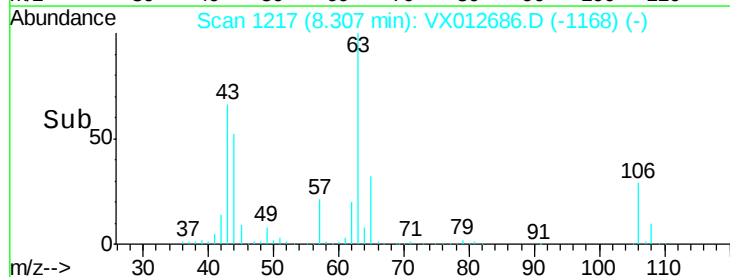
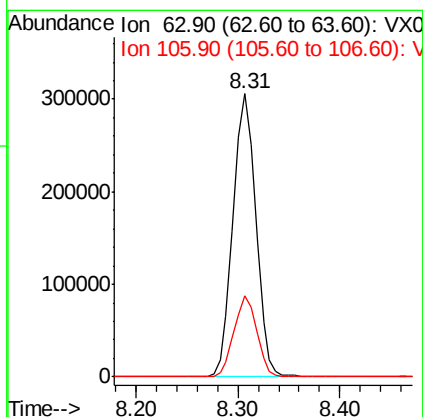
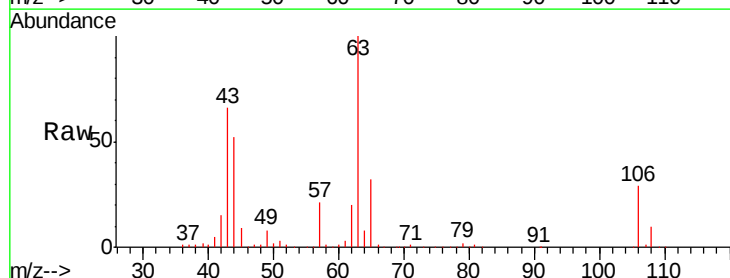
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

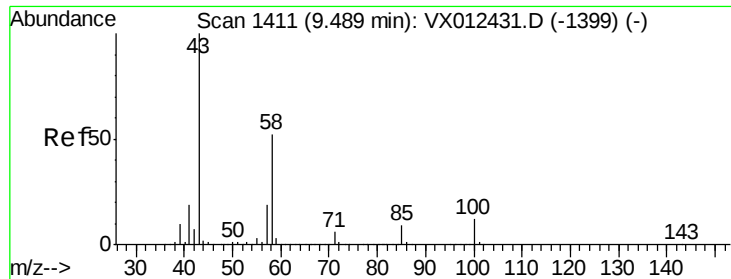
Tgt Ion: 76 Resp: 210643
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 270.082 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Tgt Ion: 63 Resp: 474537
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.8 35.6

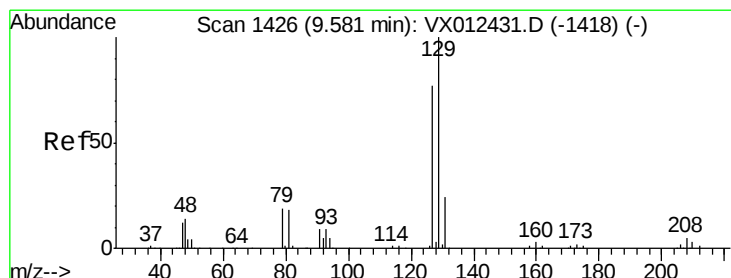
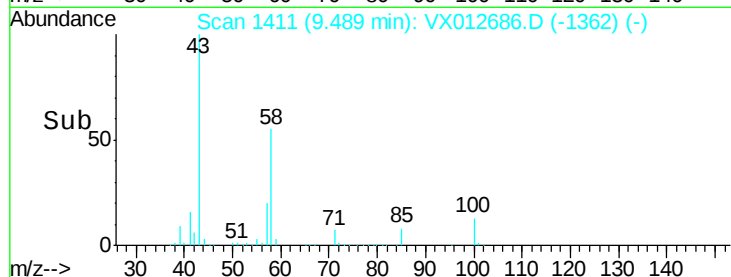
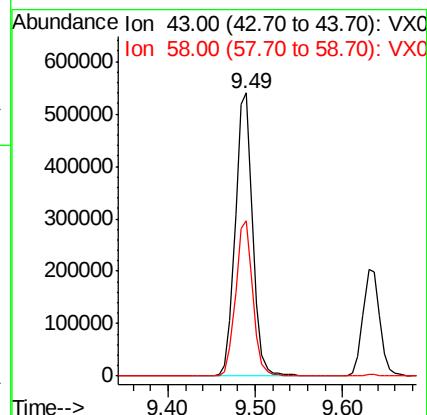
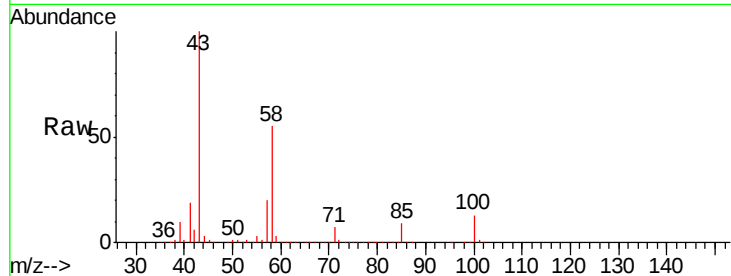




#59
2-Hexanone
Concen: 256.459 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

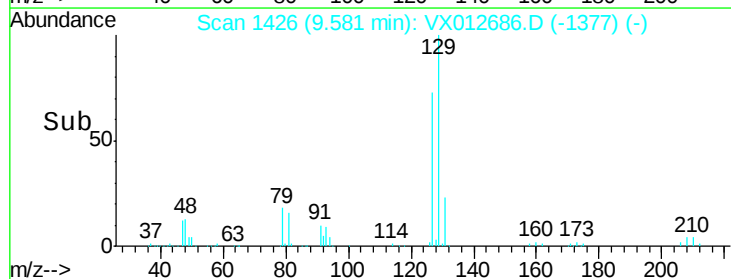
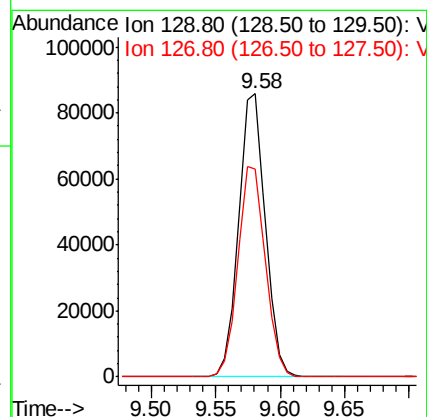
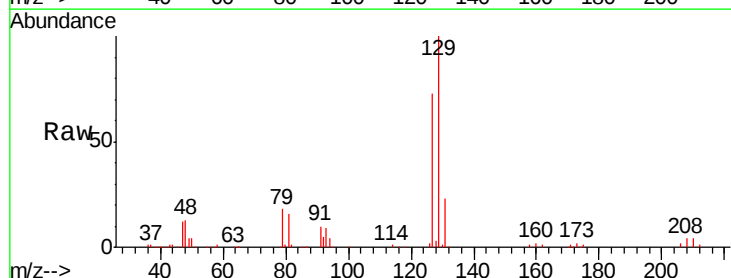
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

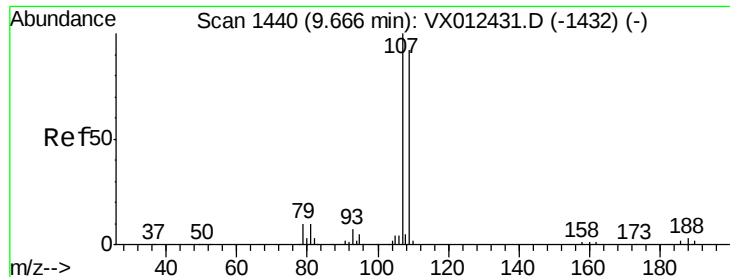
Tgt Ion: 43 Resp: 750783
Ion Ratio Lower Upper
43 100
58 54.3 25.7 77.1



#60
Dibromochloromethane
Concen: 52.623 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Tgt Ion: 129 Resp: 124114
Ion Ratio Lower Upper
129 100
127 76.3 38.9 116.6

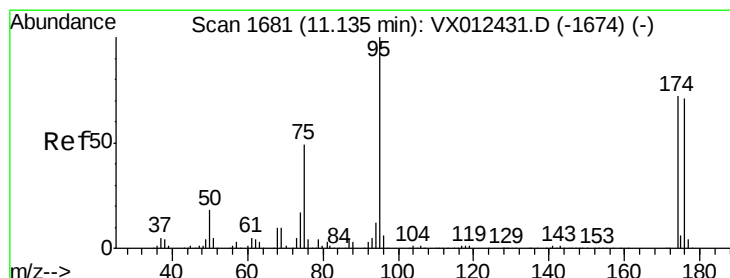
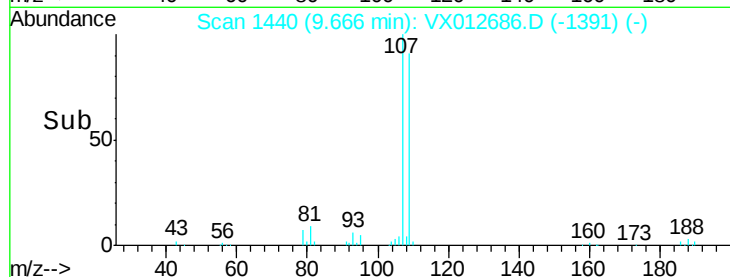
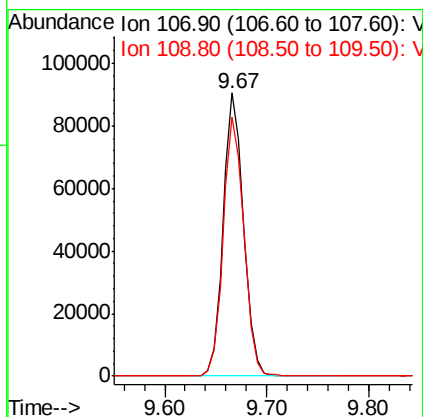
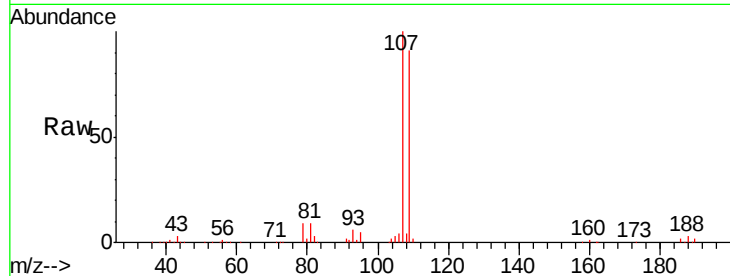




#61
 1,2-Dibromoethane
 Concen: 51.511 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

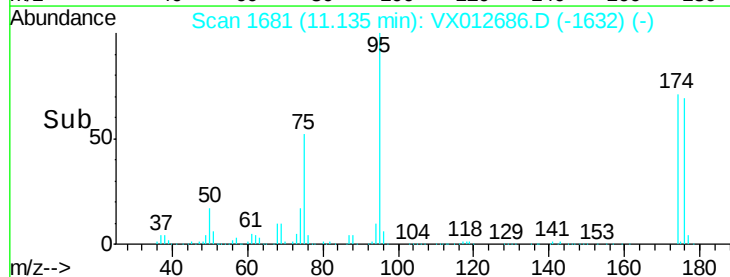
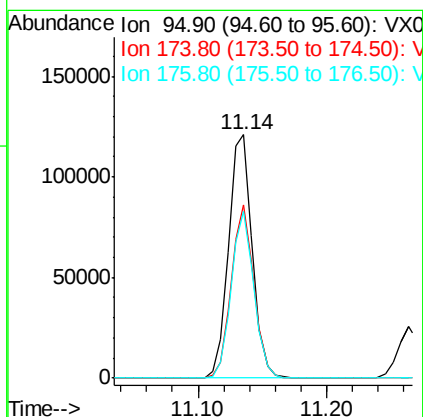
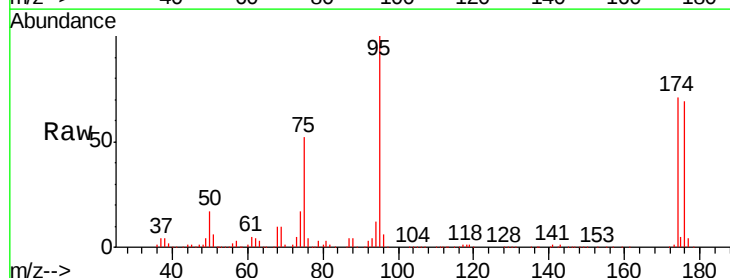
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

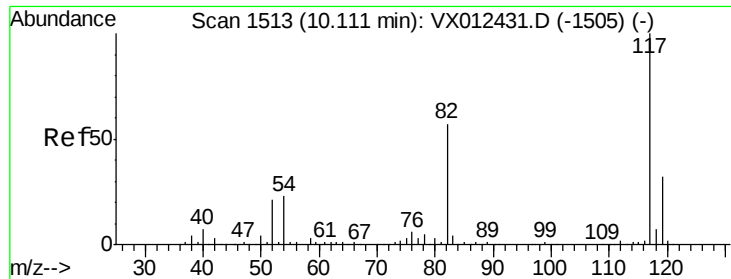
Tgt Ion: 107 Resp: 124905
 Ion Ratio Lower Upper
 107 100
 109 93.2 74.7 112.1



#62
 4-Bromofluorobenzene
 Concen: 52.605 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Tgt Ion: 95 Resp: 155970
 Ion Ratio Lower Upper
 95 100
 174 67.9 0.0 140.0
 176 65.7 0.0 135.4

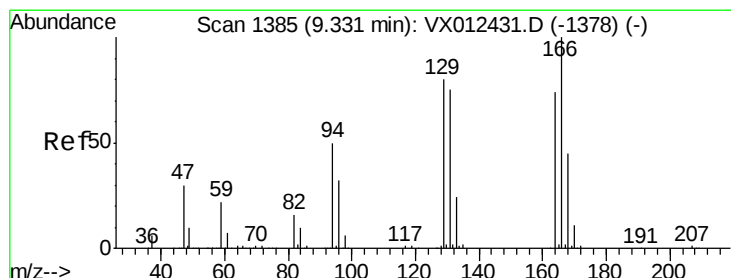
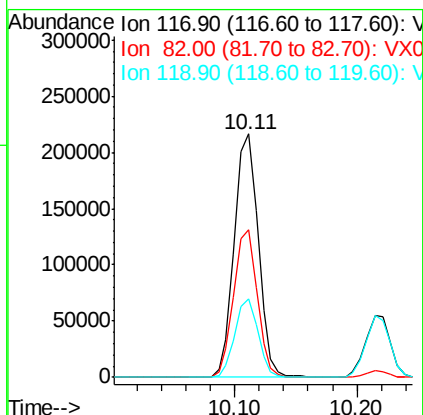
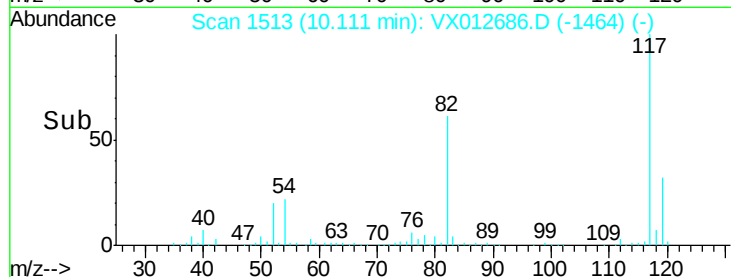
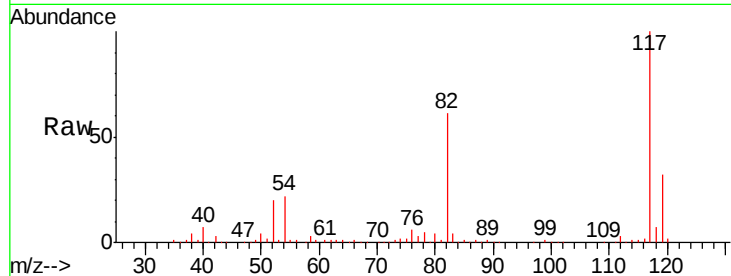




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

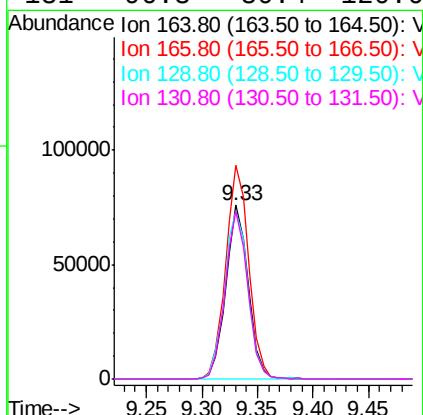
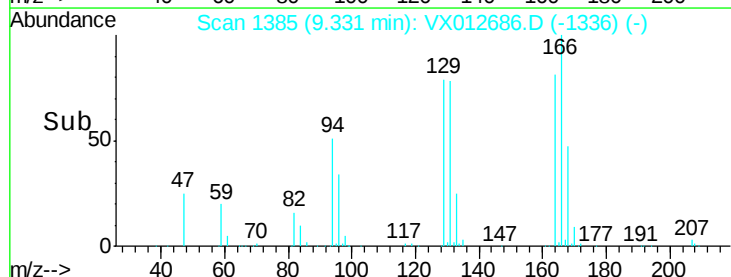
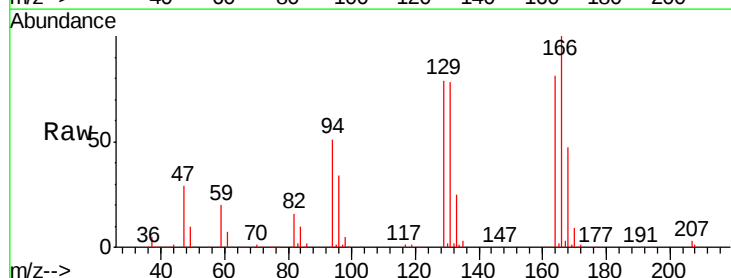
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

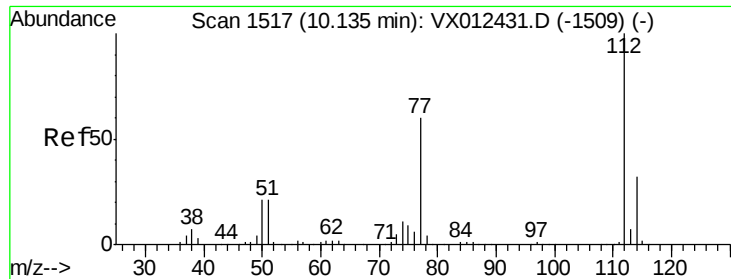
Tgt Ion:117 Resp: 294404
Ion Ratio Lower Upper
117 100
82 60.5 45.9 68.9
119 32.2 25.3 37.9



#64
Tetrachloroethene
Concen: 51.323 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Tgt Ion:164 Resp: 105348
Ion Ratio Lower Upper
164 100
166 123.1 107.8 161.6
129 96.8 86.2 129.2
131 96.3 80.4 120.6

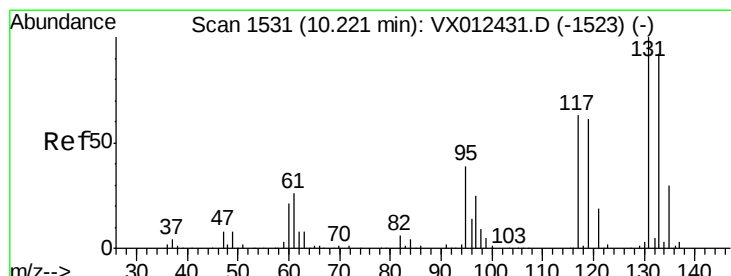
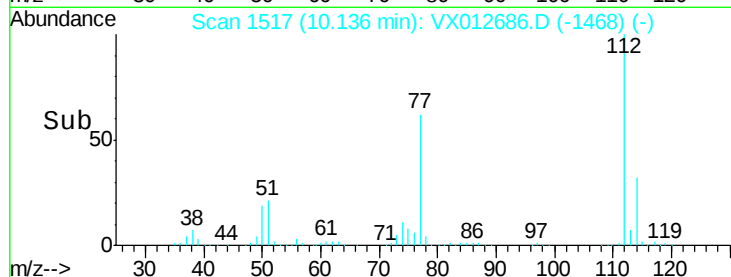
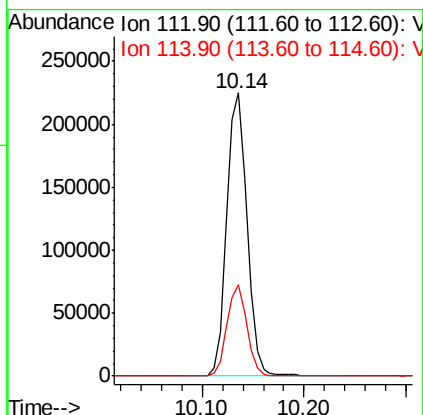
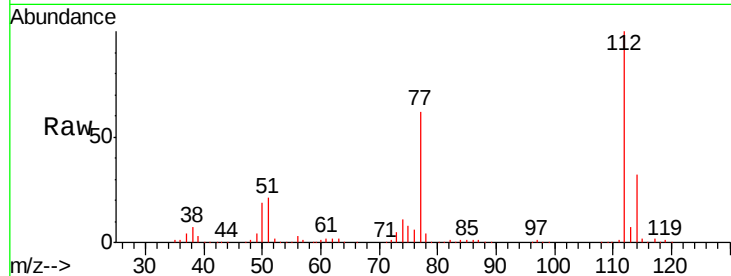




#65
Chlorobenzene
Concen: 49.842 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

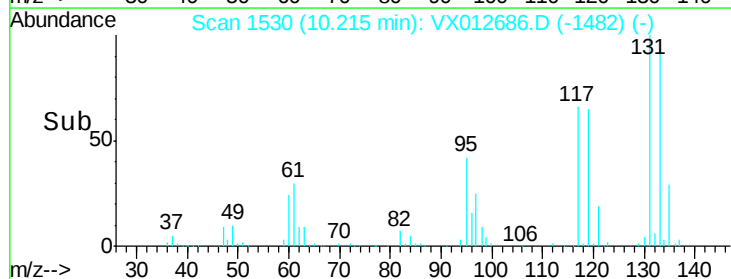
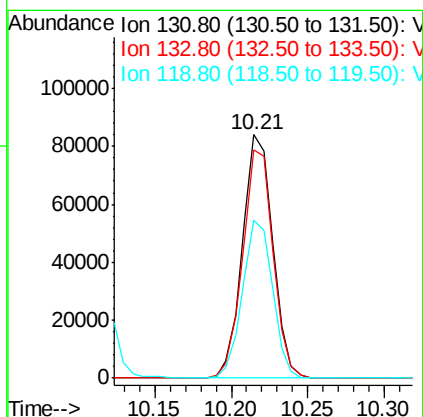
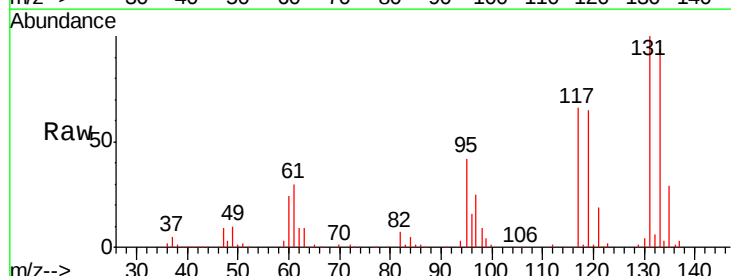
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

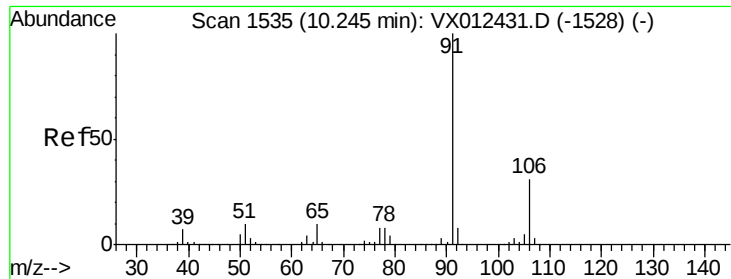
Tgt Ion:112 Resp: 309001
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.381 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Tgt Ion:131 Resp: 115415
Ion Ratio Lower Upper
131 100
133 94.2 47.6 142.9
119 64.7 31.3 93.8

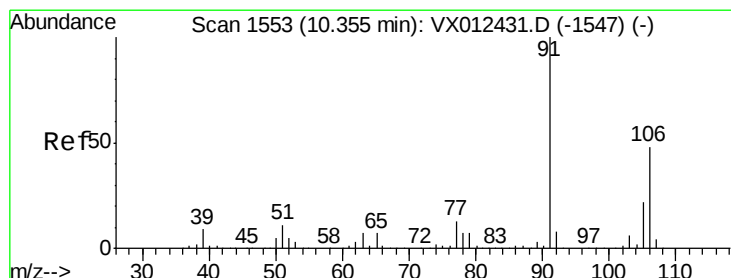
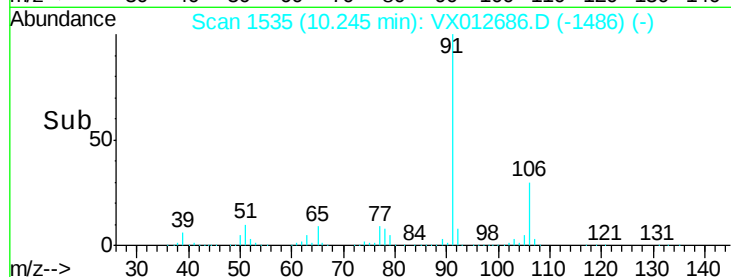
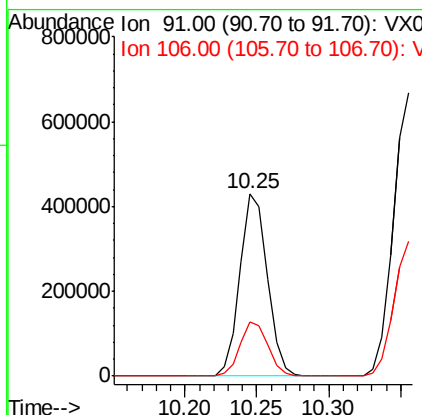
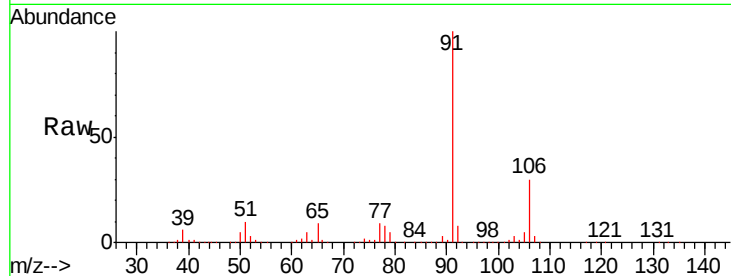




#67
Ethyl Benzene
Concen: 50.978 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

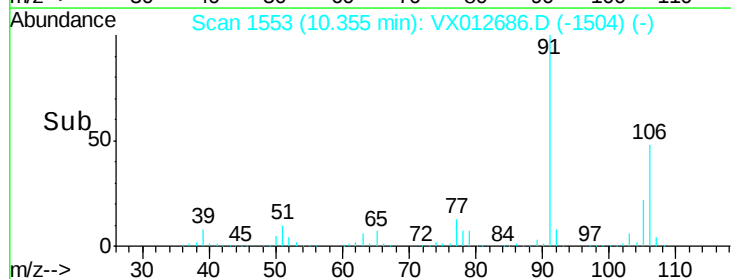
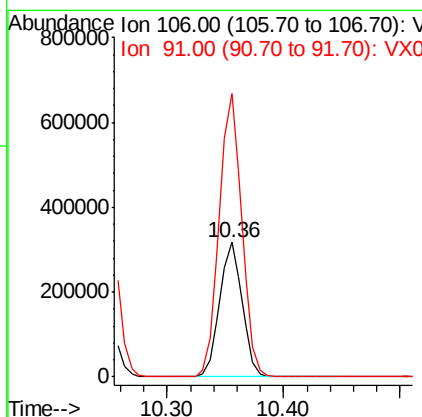
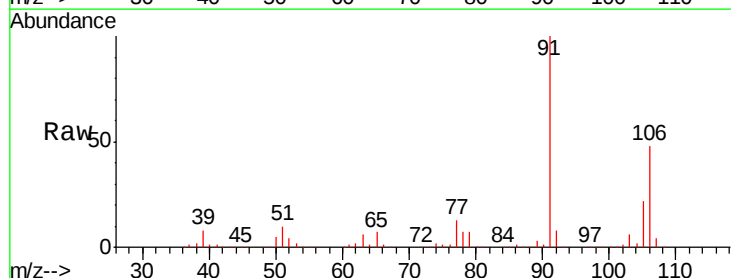
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

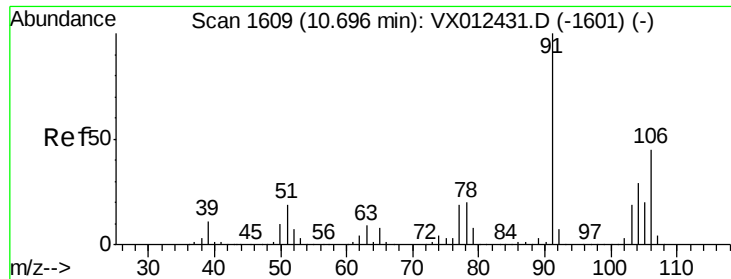
Tgt Ion: 91 Resp: 573217
Ion Ratio Lower Upper
91 100
106 29.9 24.6 37.0



#68
m/p-Xylenes
Concen: 100.730 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Tgt Ion: 106 Resp: 424288
Ion Ratio Lower Upper
106 100
91 210.8 166.6 250.0

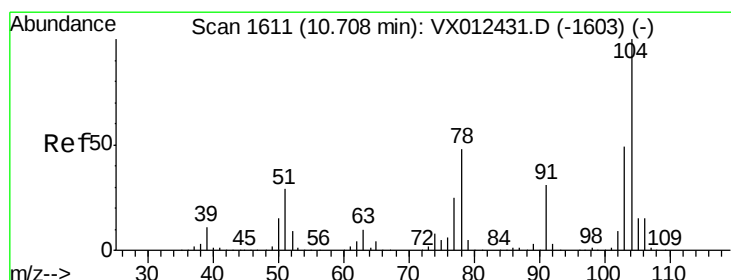
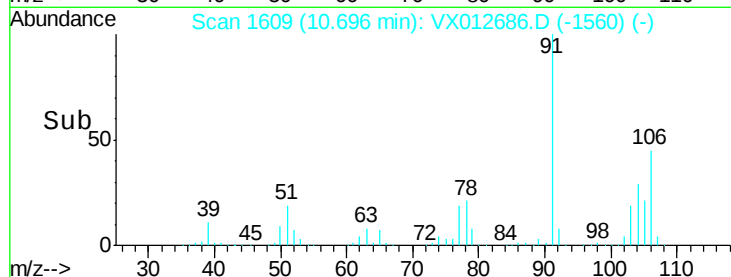
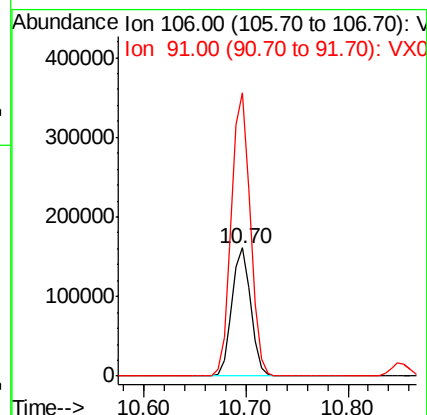
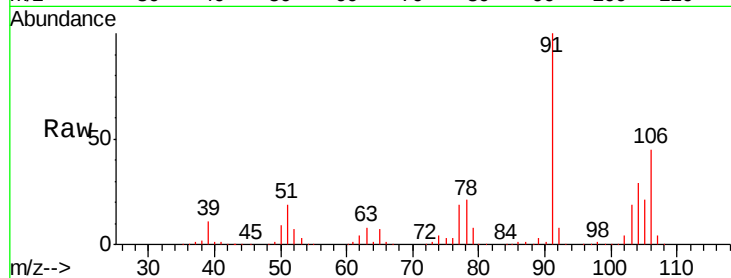




#69
o-Xylene
Concen: 50.360 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

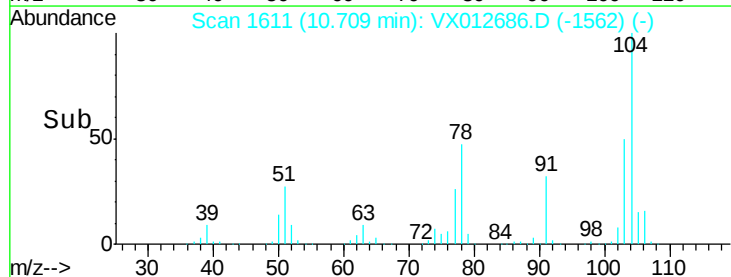
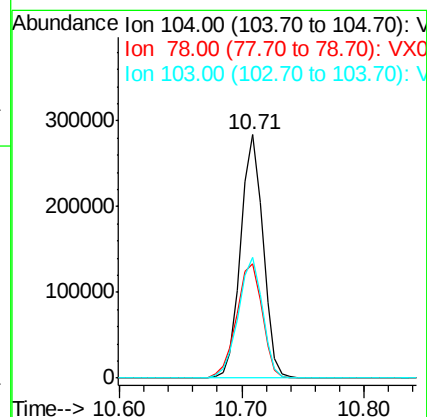
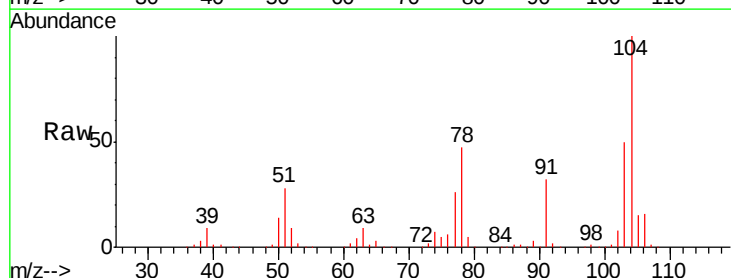
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

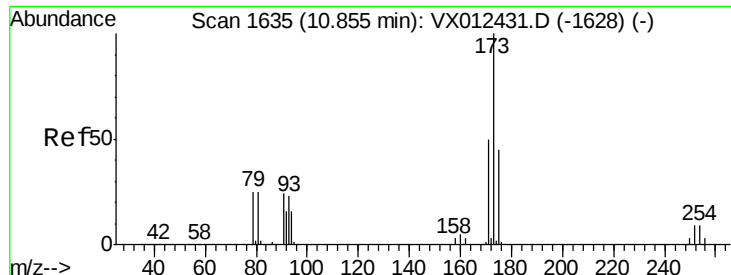
Tgt Ion:106 Resp: 205256
Ion Ratio Lower Upper
106 100
91 222.3 109.4 328.2



#70
Styrene
Concen: 52.442 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Tgt Ion:104 Resp: 358319
Ion Ratio Lower Upper
104 100
78 54.0 43.4 65.2
103 53.6 43.3 64.9





#71

Bromoform

Concen: 52.631 ug/l

RT: 10.86 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

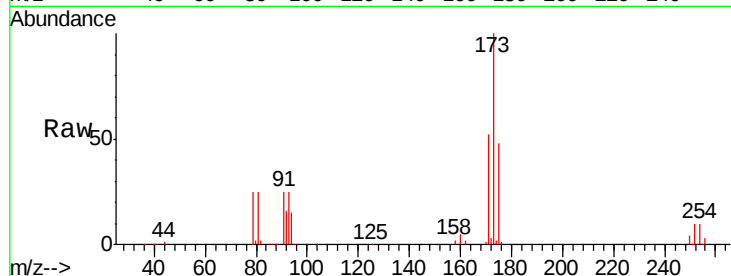
Tgt Ion:173 Resp: 82319

Ion Ratio Lower Upper

173 100

175 48.9 23.7 71.1

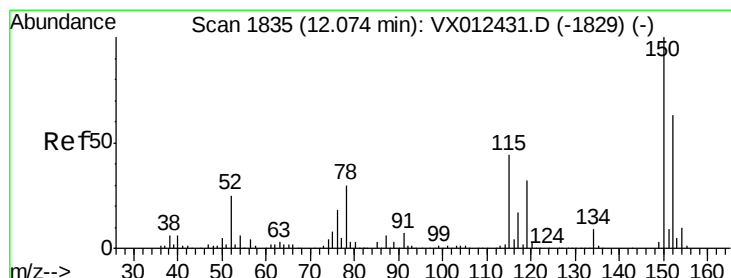
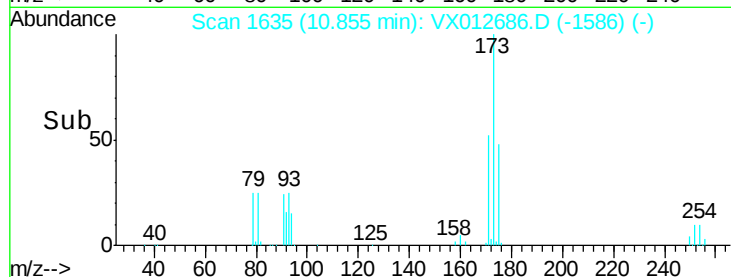
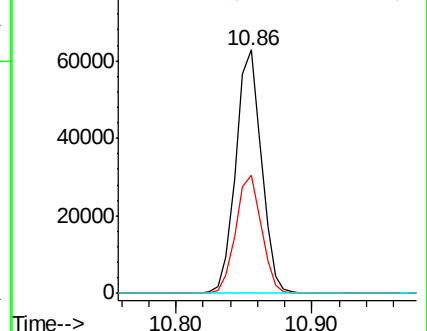
254 0.2 0.1 0.1#



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: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

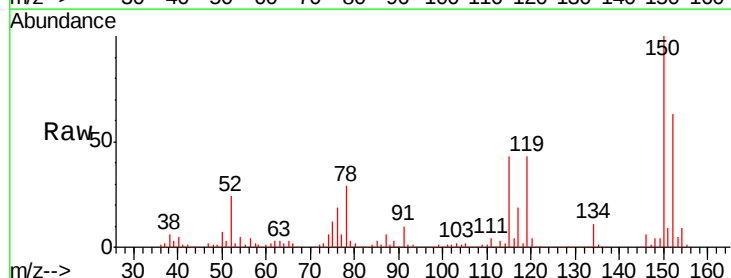
Tgt Ion:152 Resp: 136865

Ion Ratio Lower Upper

152 100

115 90.8 44.1 132.3

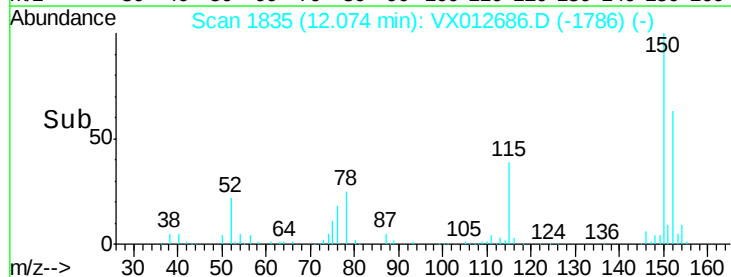
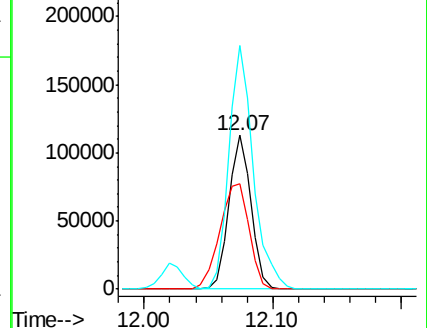
150 173.7 0.0 343.8



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: 50.221 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

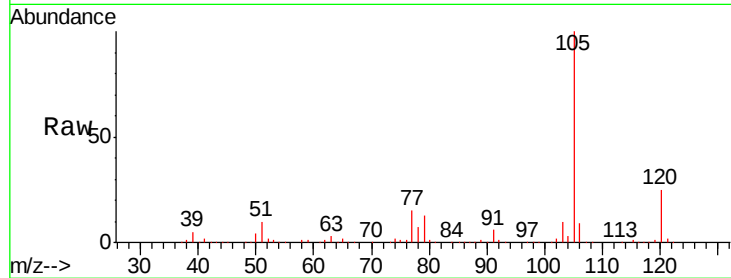
VSTDCCC050EC

Tgt Ion: 105 Resp: 559819

Ion Ratio Lower Upper

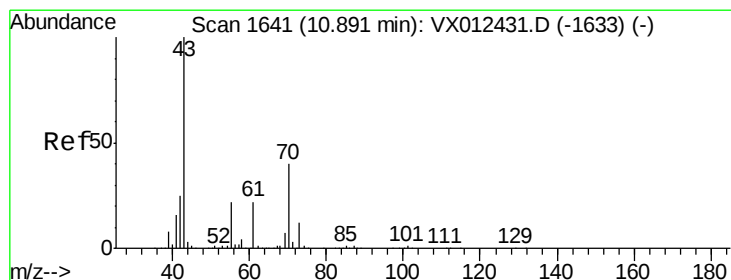
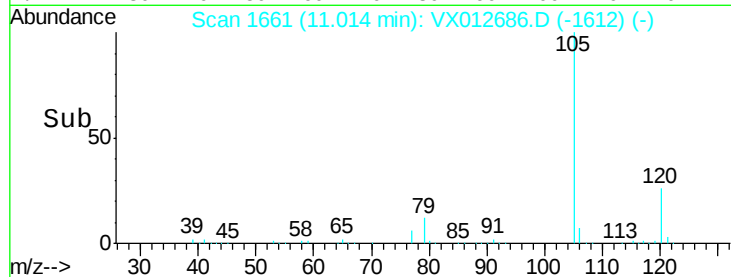
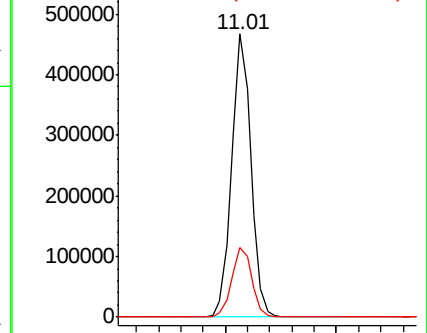
105 100

120 25.5 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.980 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Tgt Ion: 43 Resp: 271110

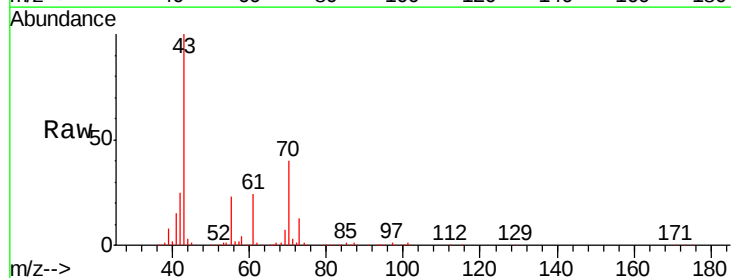
Ion Ratio Lower Upper

43 100

70 42.0 32.4 48.6

55 23.6 18.2 27.4

61 23.7 18.5 27.7

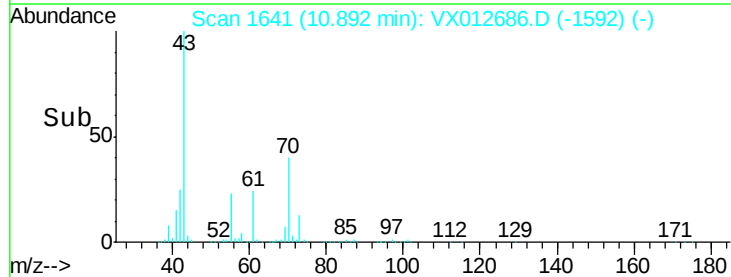
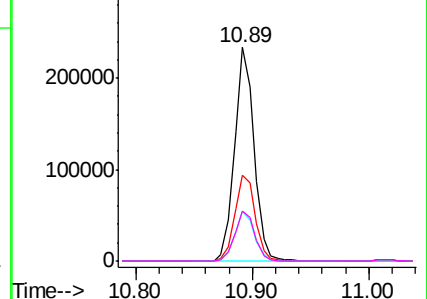


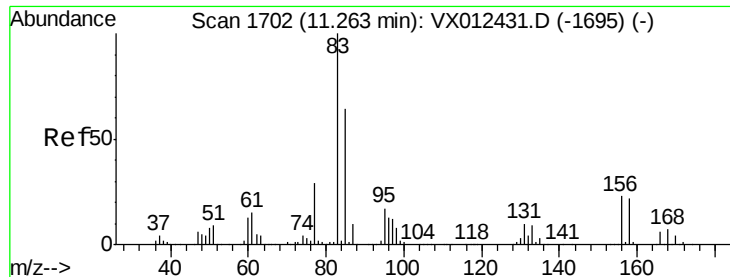
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 51.168 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

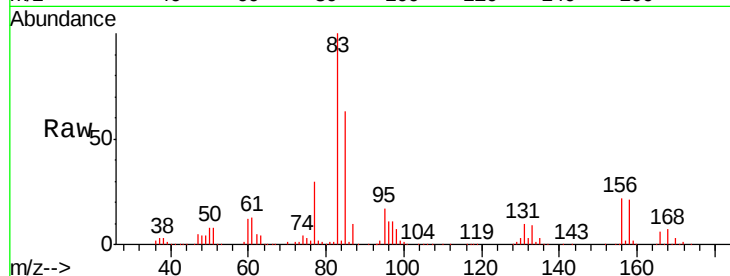
Tgt Ion: 83 Resp: 188903

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

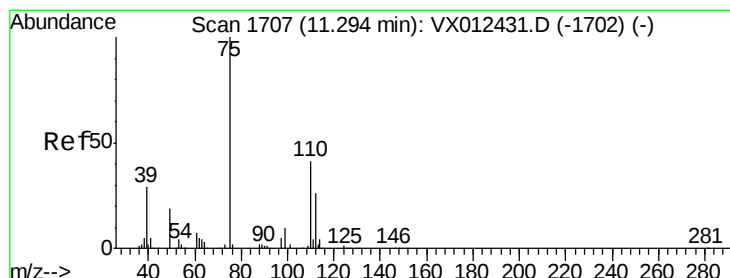
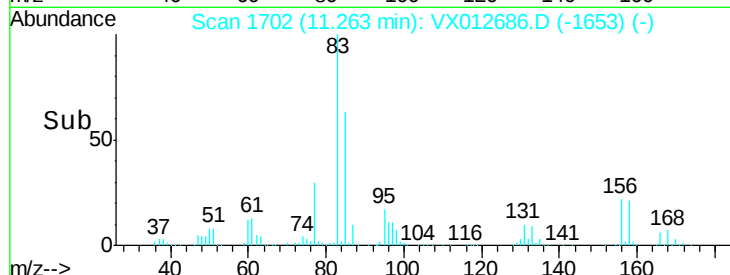
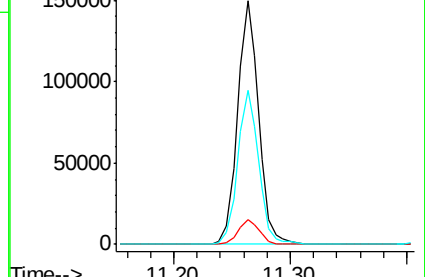
85 63.1 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.351 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012686.D

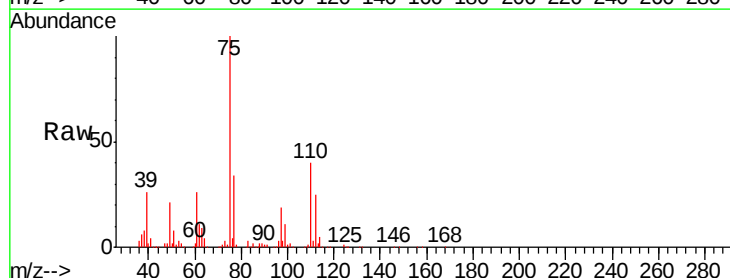
Acq: 26 Sep 2019 19:57

Tgt Ion: 75 Resp: 222116

Ion Ratio Lower Upper

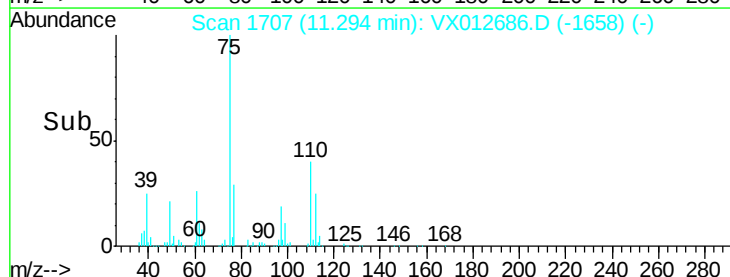
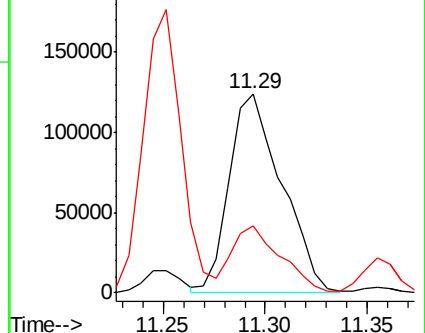
75 100

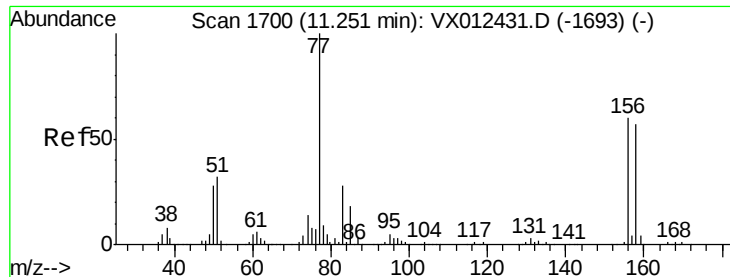
77 31.2 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.366 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

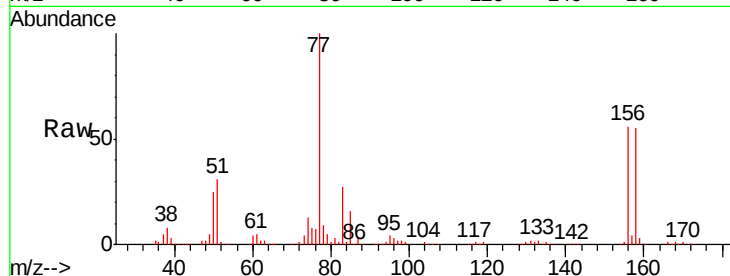
Tgt Ion:156 Resp: 124546

Ion Ratio Lower Upper

156 100

77 183.2 87.3 261.8

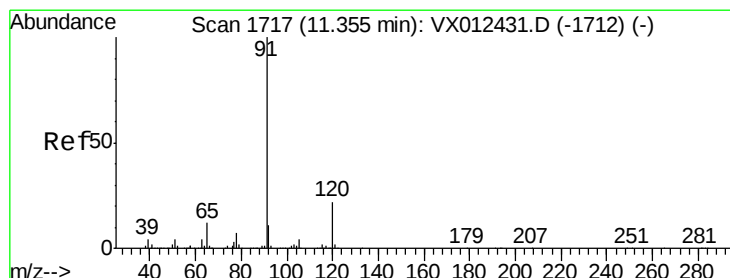
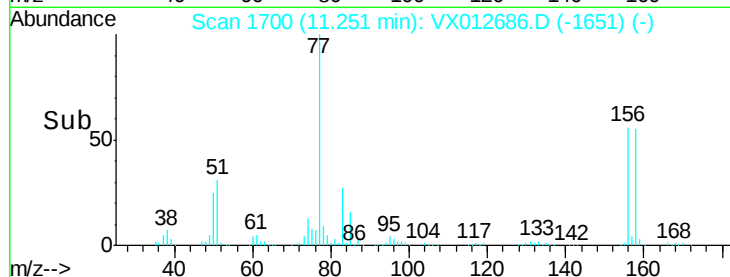
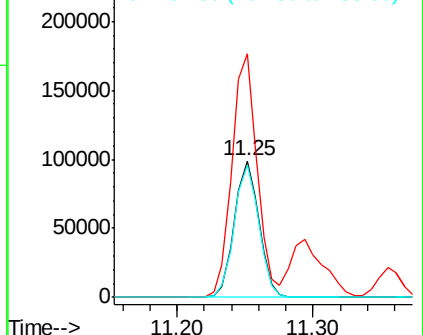
158 97.2 48.5 145.6



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: 50.416 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012686.D

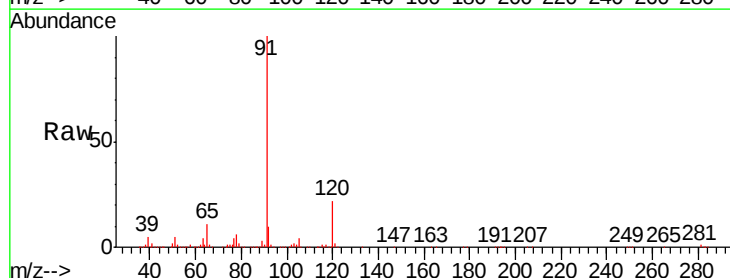
Acq: 26 Sep 2019 19:57

Tgt Ion: 91 Resp: 632707

Ion Ratio Lower Upper

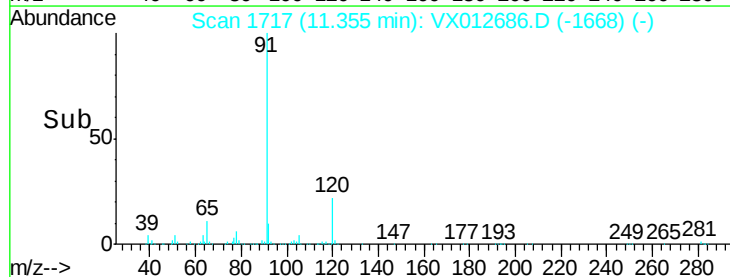
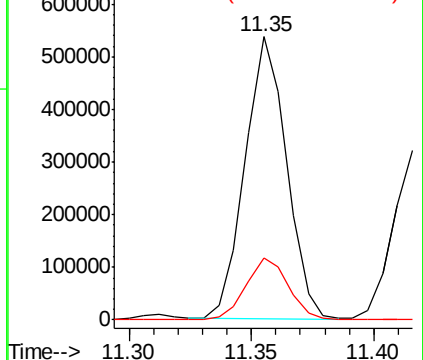
91 100

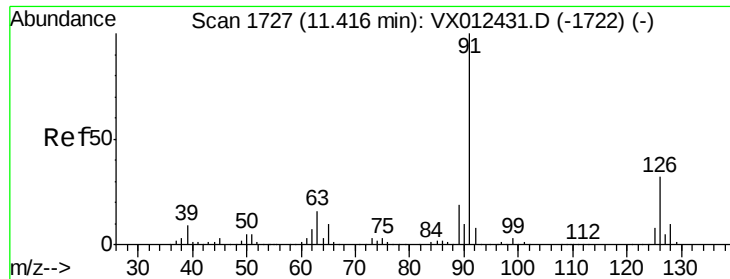
120 22.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

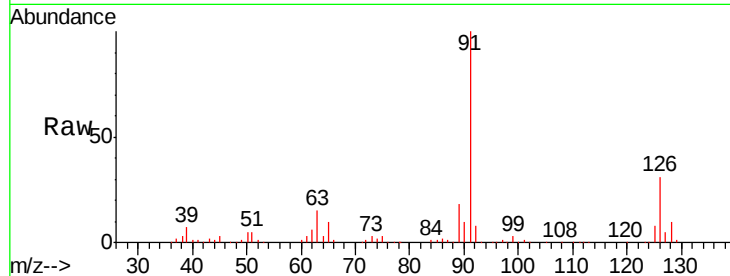




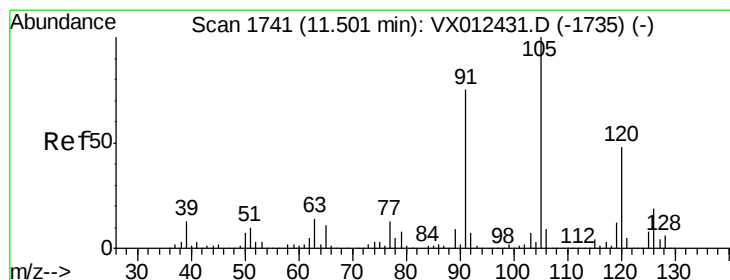
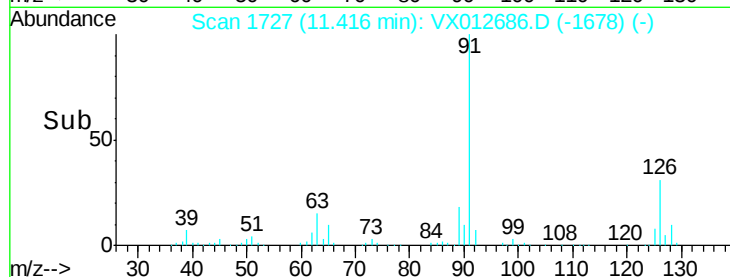
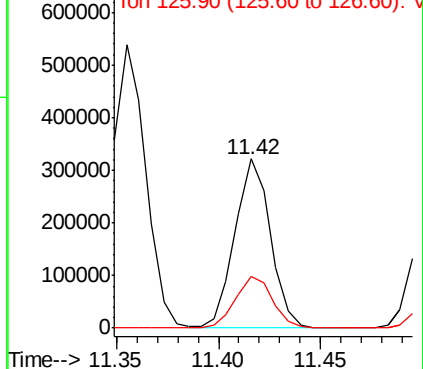
#79
 2-Chlorotoluene
 Concen: 49.542 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 91 Resp: 387856
 Ion Ratio Lower Upper
 91 100
 126 31.7 16.4 49.4

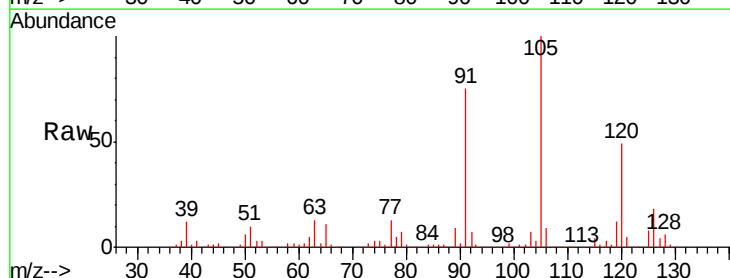


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

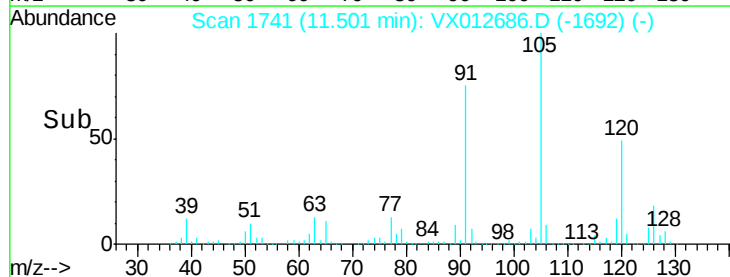
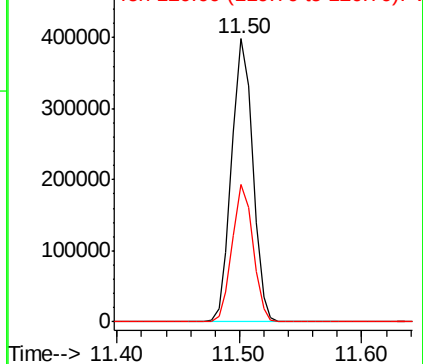


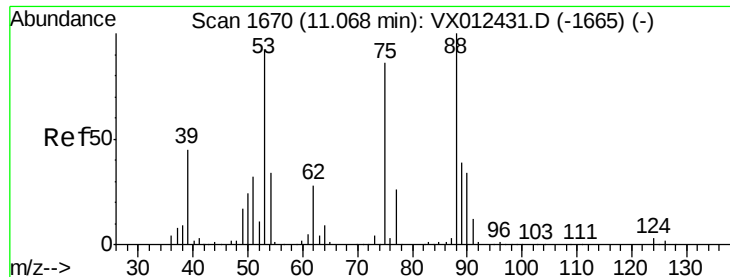
#80
 1,3,5-Trimethylbenzene
 Concen: 50.806 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Tgt Ion: 105 Resp: 474925
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 47.324 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

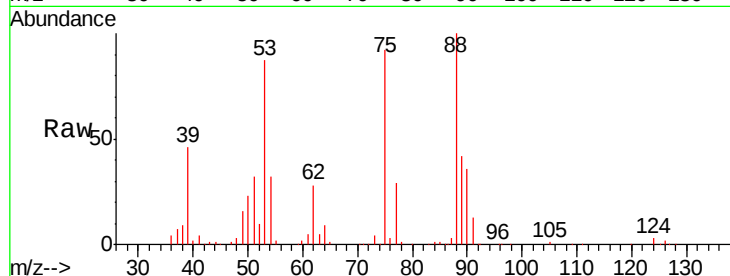
Tgt Ion: 75 Resp: 59786

Ion Ratio Lower Upper

75 100

53 102.8 83.6 125.4

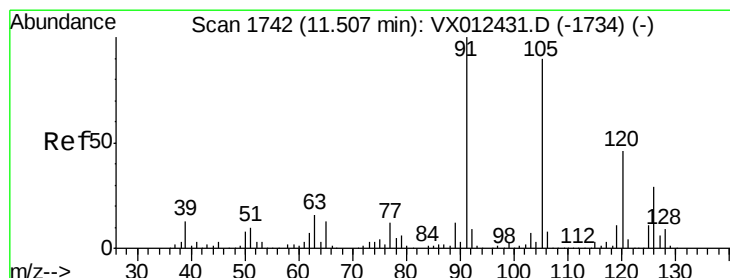
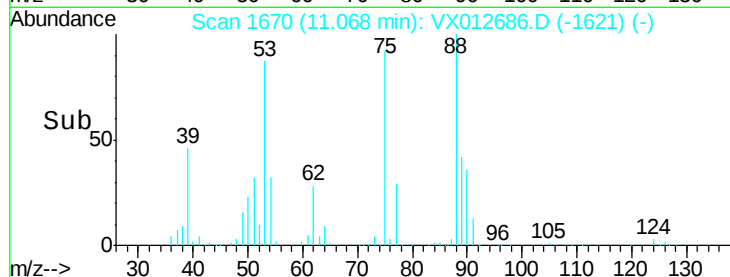
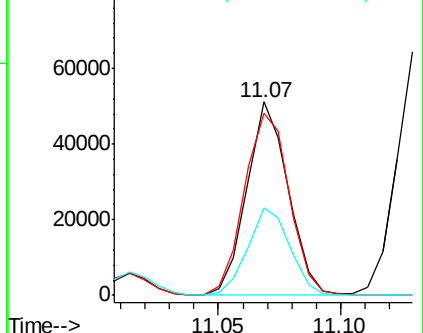
89 46.6 36.3 54.5



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: 50.213 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012686.D

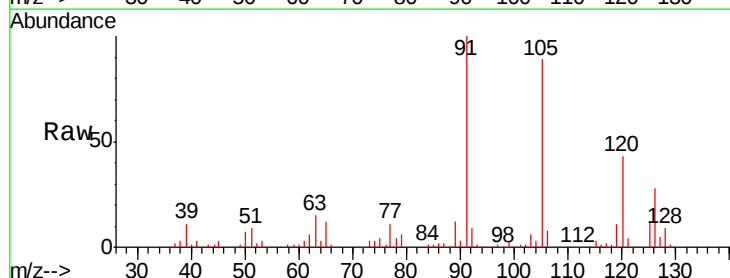
Acq: 26 Sep 2019 19:57

Tgt Ion: 91 Resp: 448126

Ion Ratio Lower Upper

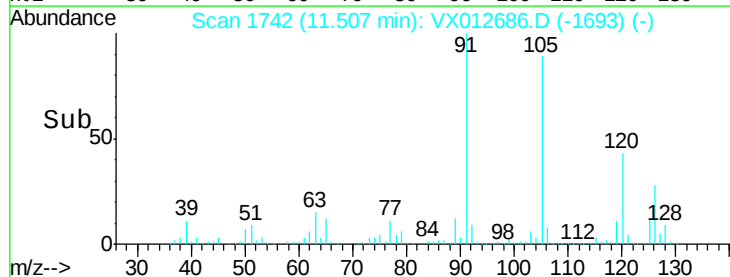
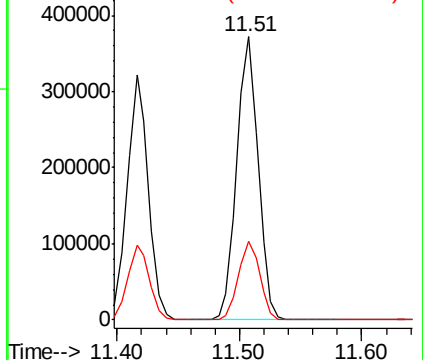
91 100

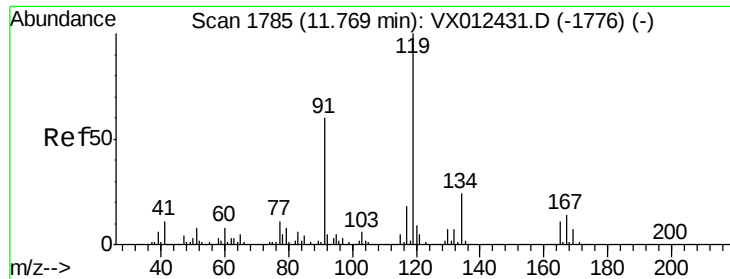
126 27.7 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

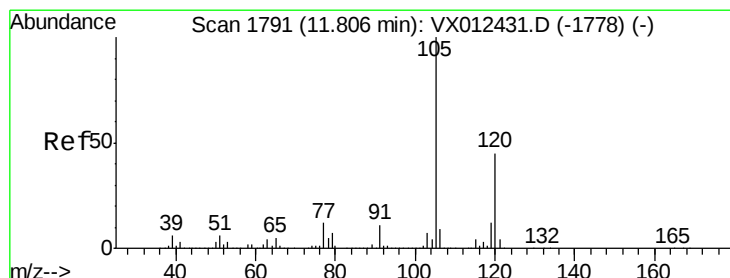
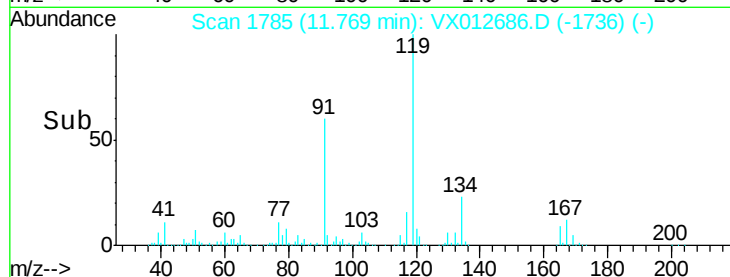
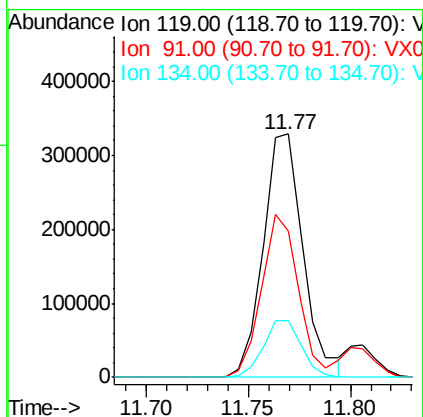
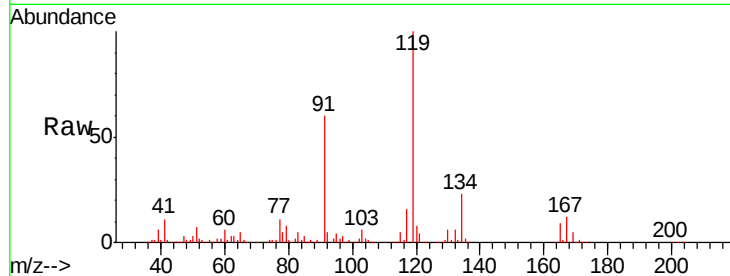




#83
 tert-Butylbenzene
 Concen: 49.889 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

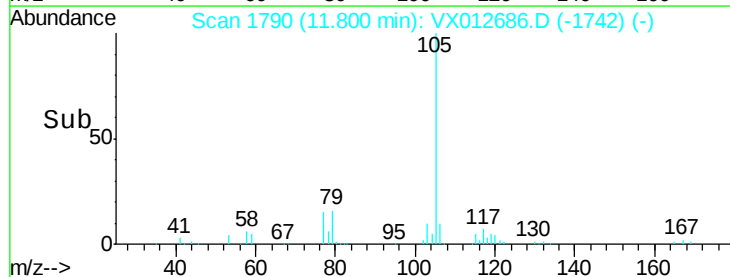
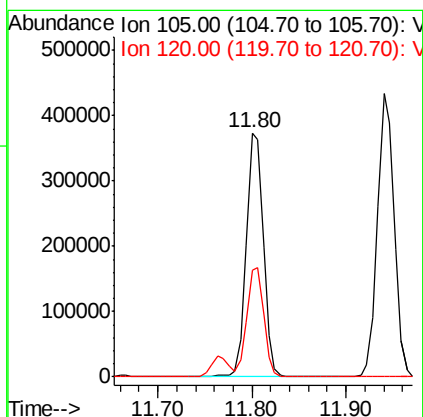
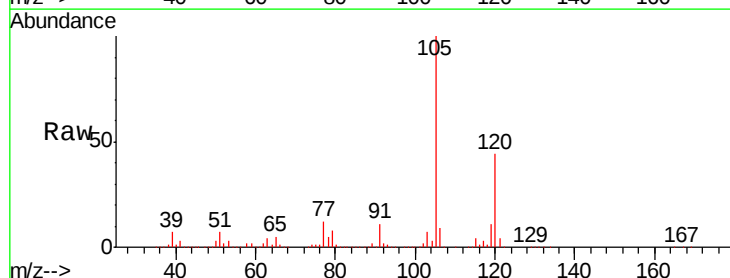
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

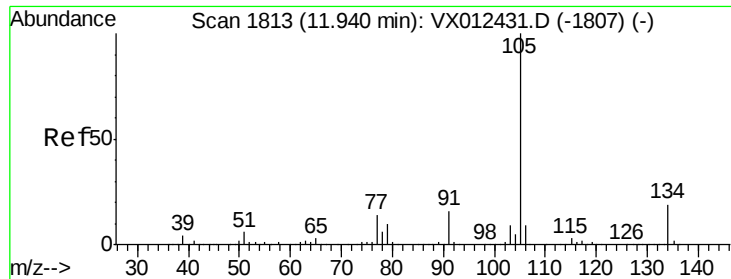
Tgt Ion:119 Resp: 449863
 Ion Ratio Lower Upper
 119 100
 91 61.8 30.0 90.0
 134 22.5 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 50.198 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Tgt Ion:105 Resp: 473360
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.2 66.6

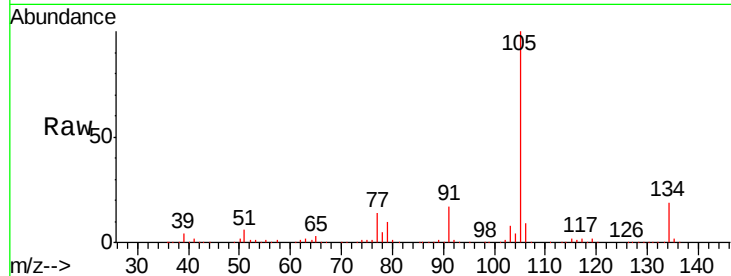




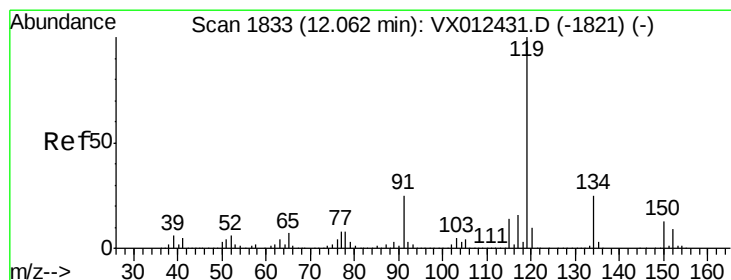
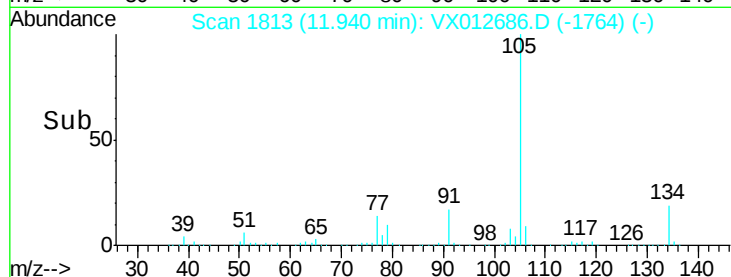
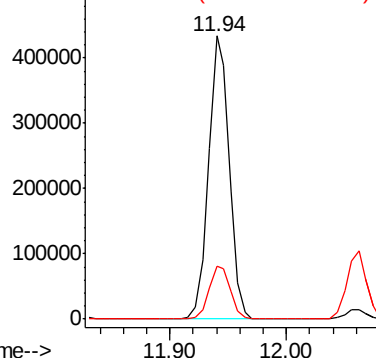
#85
 sec-Butylbenzene
 Concen: 50.838 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 533192
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4

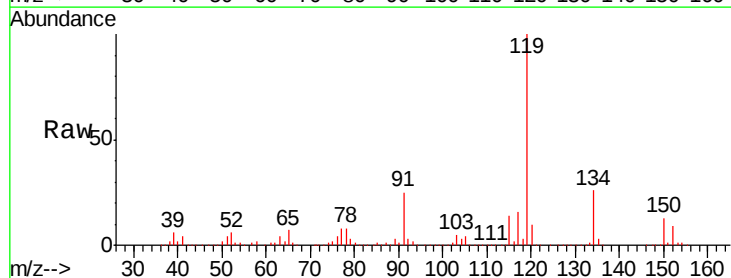


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

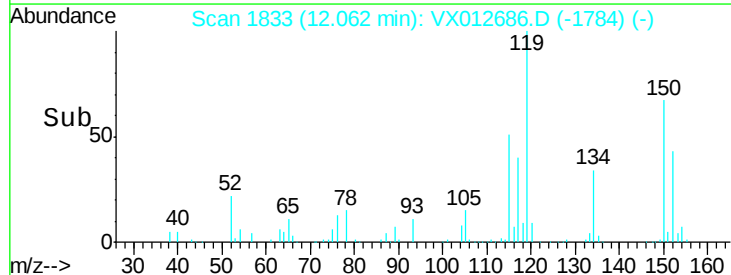
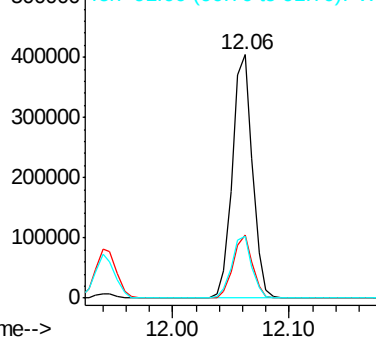


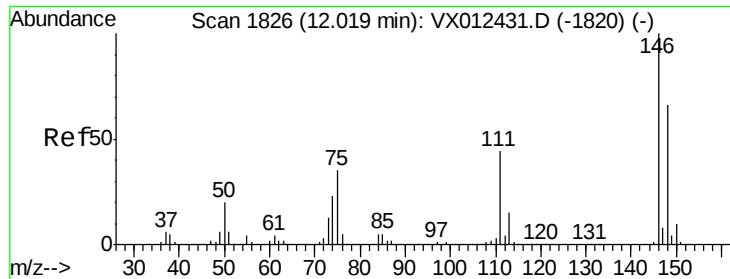
#86
 p-Isopropyltoluene
 Concen: 51.495 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Tgt Ion:119 Resp: 487322
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.7 38.1
 91 25.5 12.8 38.4



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): VX0

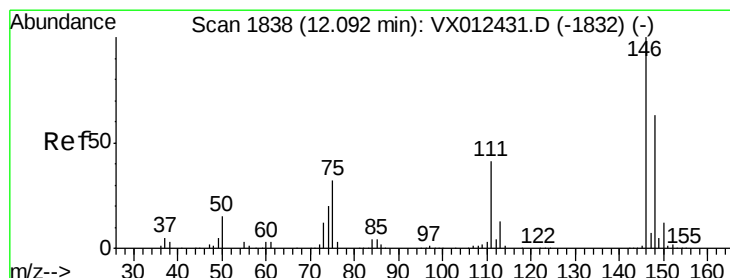
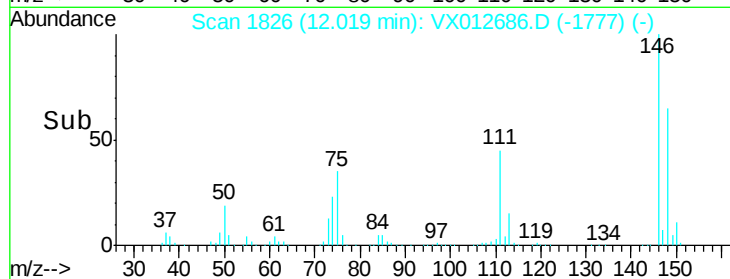
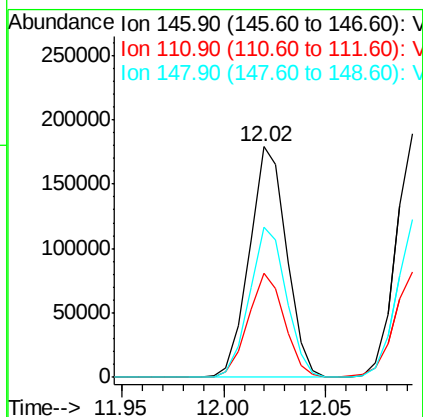
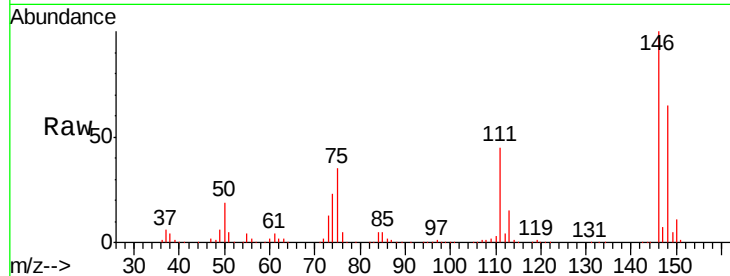




#87
 1,3-Dichlorobenzene
 Concen: 50.111 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

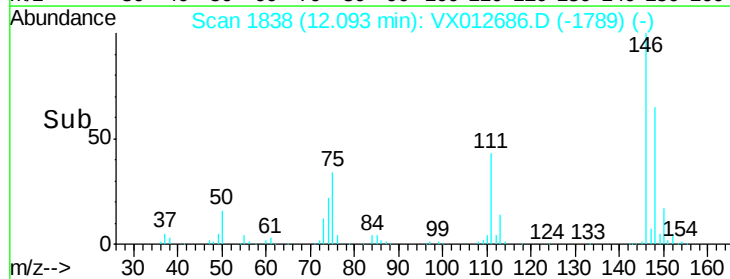
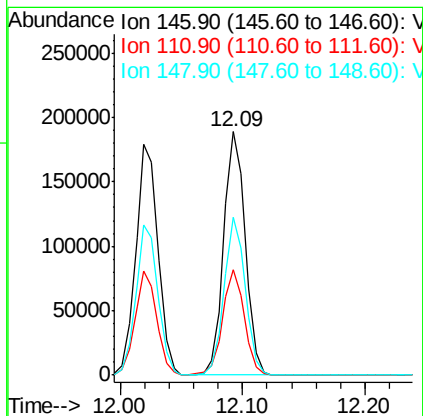
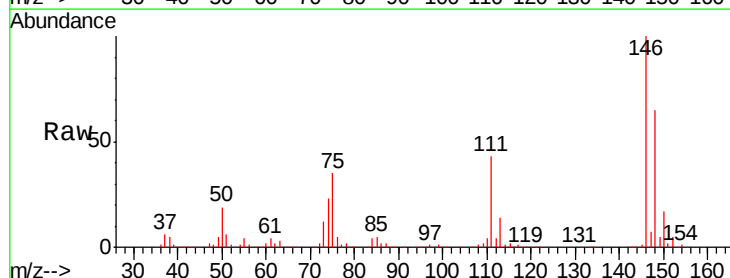
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

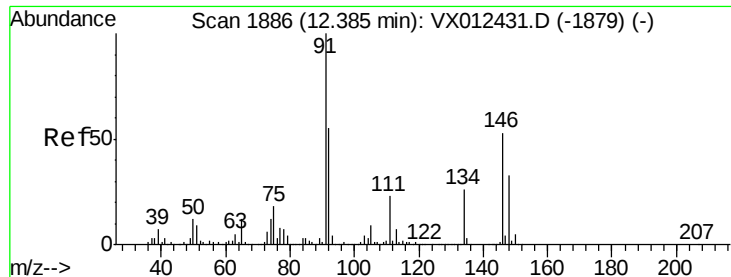
Tgt Ion:146 Resp: 227517
 Ion Ratio Lower Upper
 146 100
 111 44.2 21.3 64.0
 148 64.4 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 50.152 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Tgt Ion:146 Resp: 230091
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.1 63.3
 148 63.5 32.1 96.5

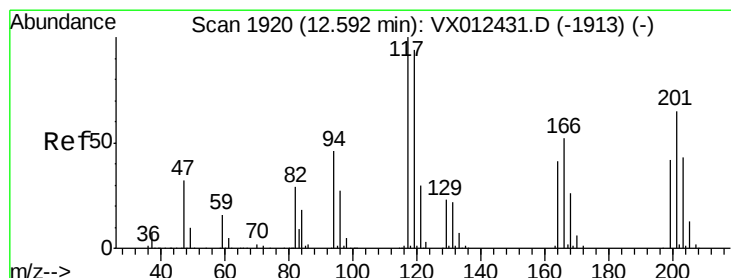
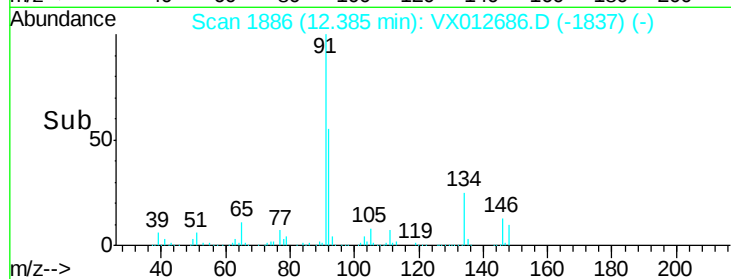
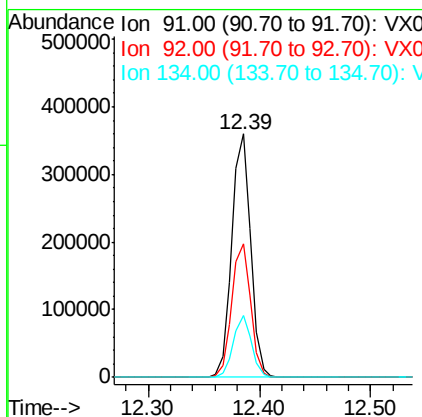
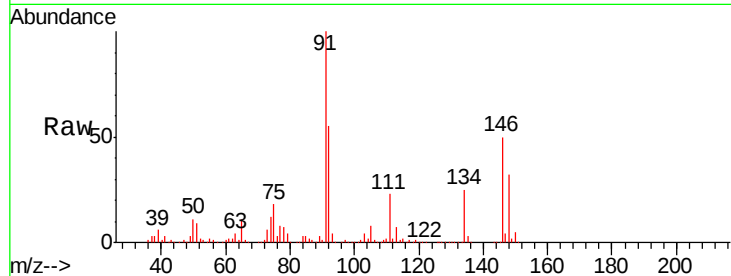




#89
n-Butylbenzene
Concen: 50.483 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

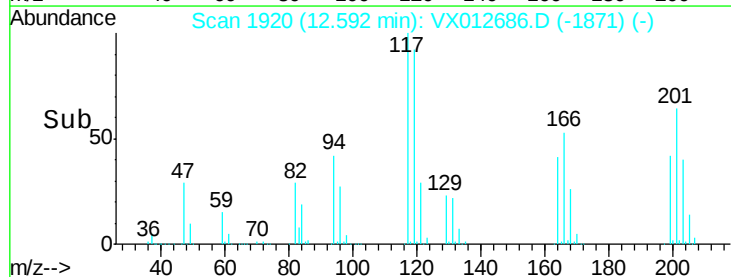
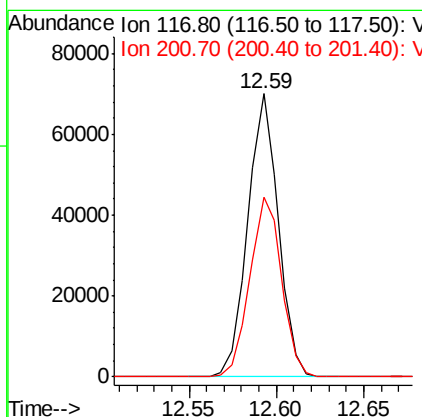
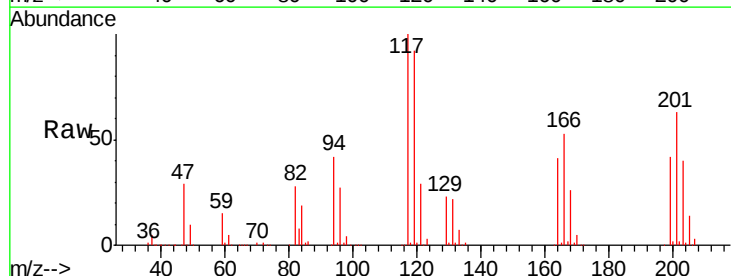
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 420987
Ion Ratio Lower Upper
91 100
92 55.0 27.7 83.0
134 24.4 12.9 38.6



#90
Hexachloroethane
Concen: 50.340 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Tgt Ion: 117 Resp: 84932
Ion Ratio Lower Upper
117 100
201 66.1 33.3 99.8





#91

1,2-Dichlorobenzene

Concen: 50.595 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

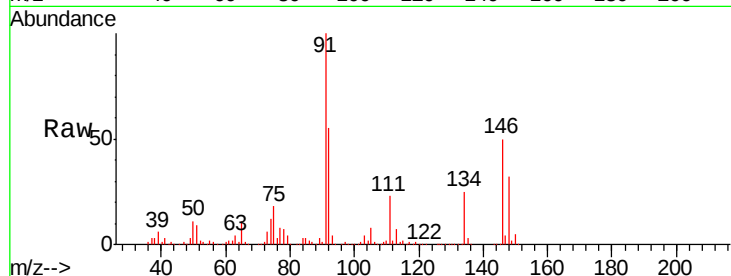
Tgt Ion:146 Resp: 229980

Ion Ratio Lower Upper

146 100

111 45.7 22.1 66.1

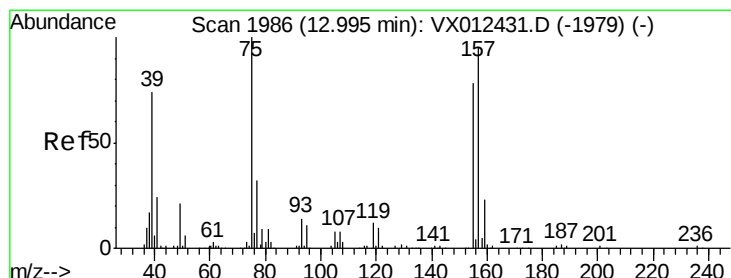
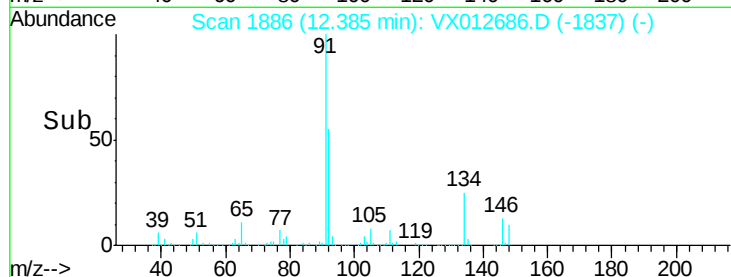
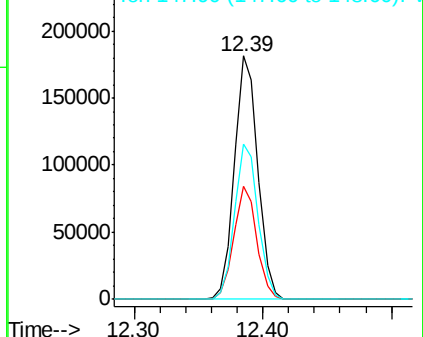
148 63.7 31.3 93.9



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: 52.051 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

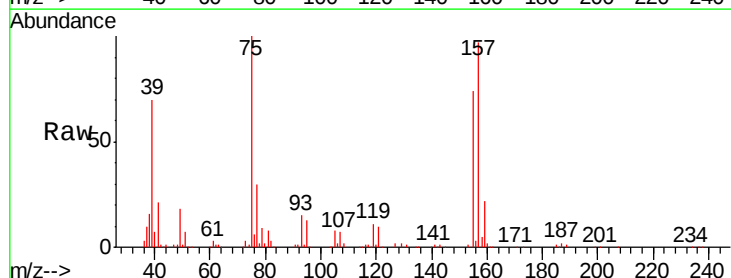
Tgt Ion: 75 Resp: 48069

Ion Ratio Lower Upper

75 100

155 76.1 38.6 115.8

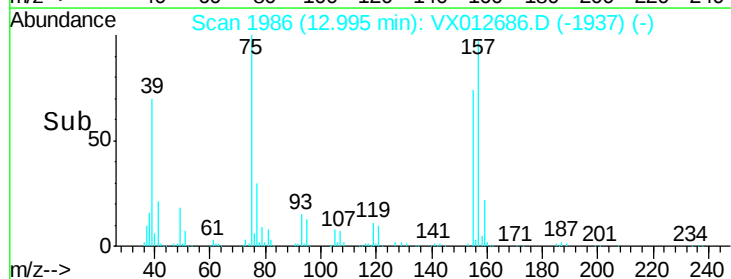
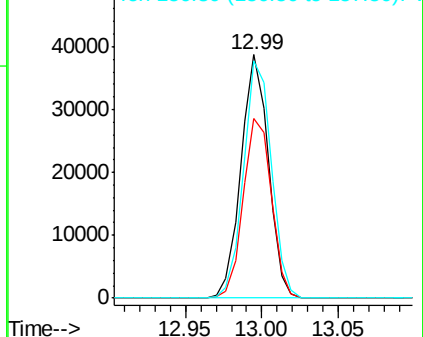
157 99.3 50.6 151.9

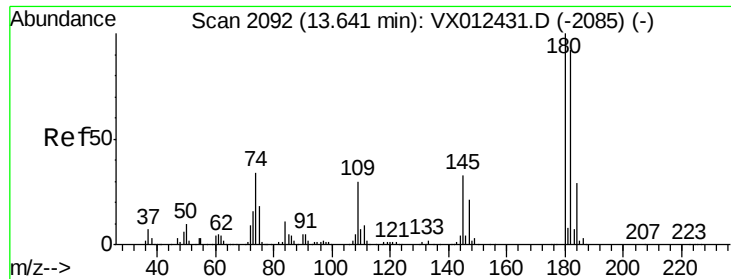


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

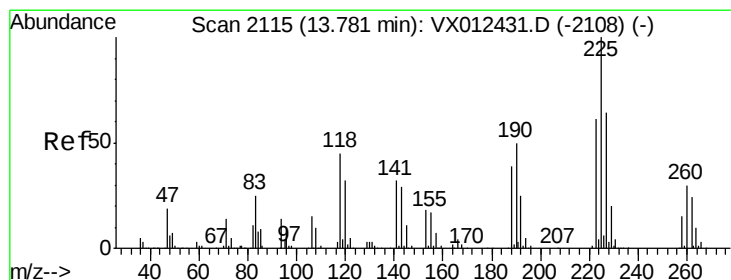
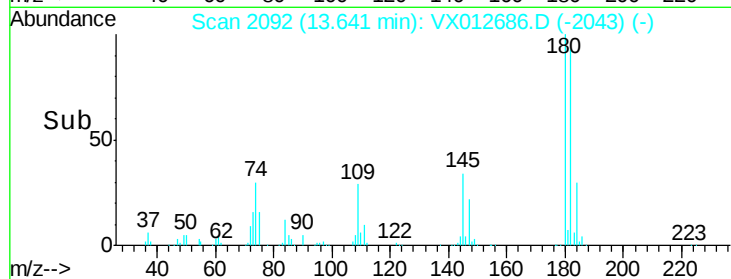
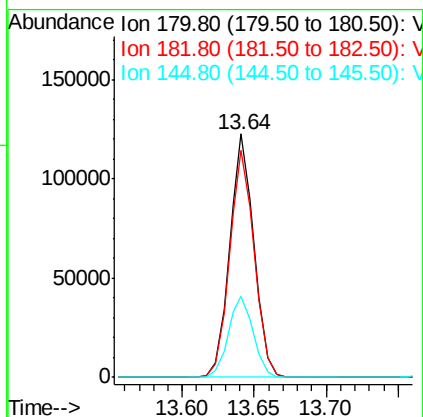
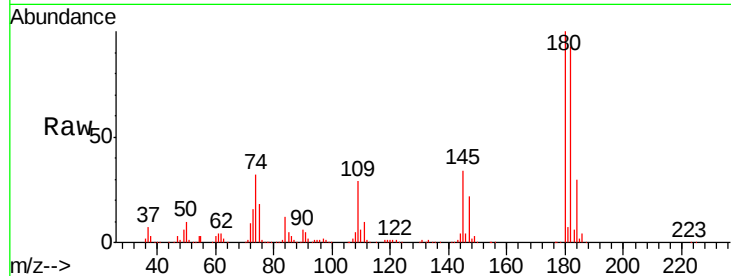




#93
 1,2,4-Trichlorobenzene
 Concen: 52.180 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

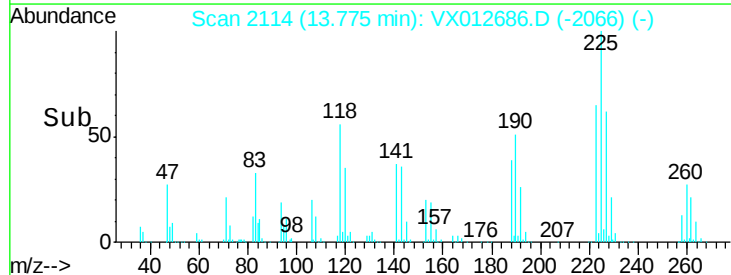
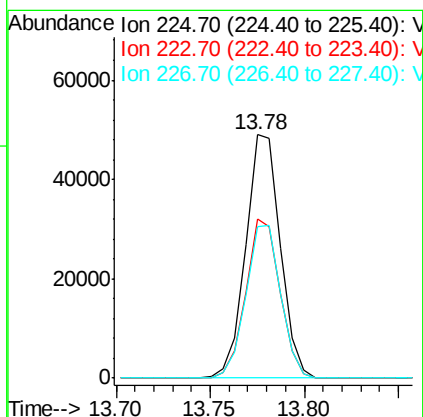
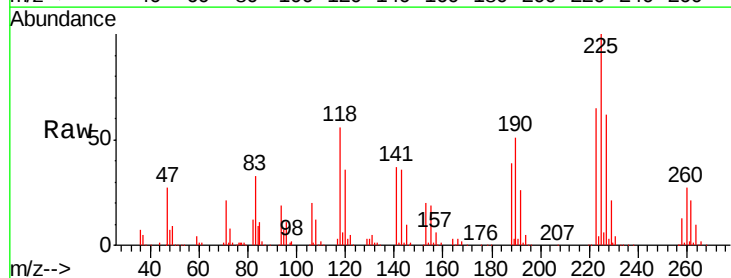
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

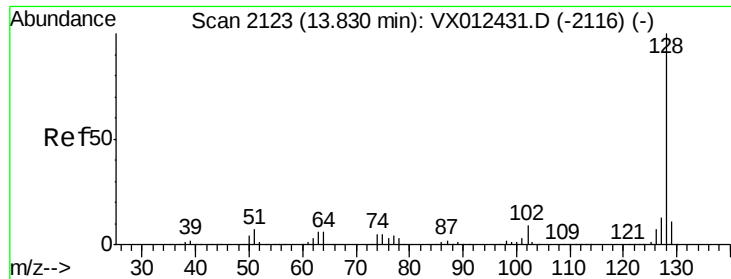
Tgt Ion:180 Resp: 144648
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.0 141.0
 145 34.2 16.8 50.4



#94
 Hexachlorobutadiene
 Concen: 52.288 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Tgt Ion:225 Resp: 62356
 Ion Ratio Lower Upper
 225 100
 223 64.4 32.0 96.2
 227 63.1 31.9 95.5

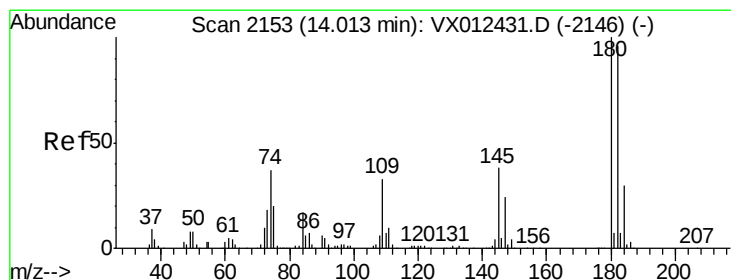
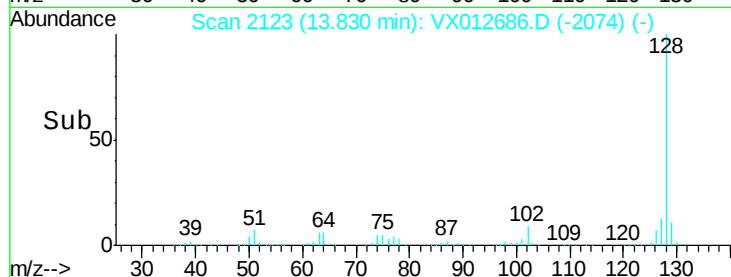
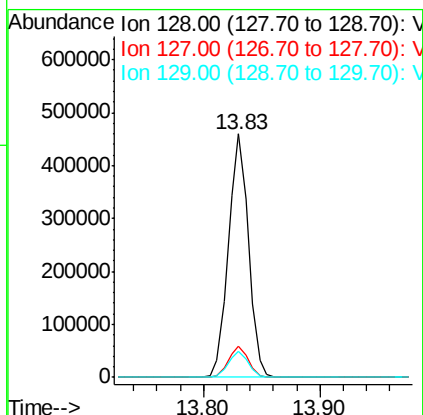
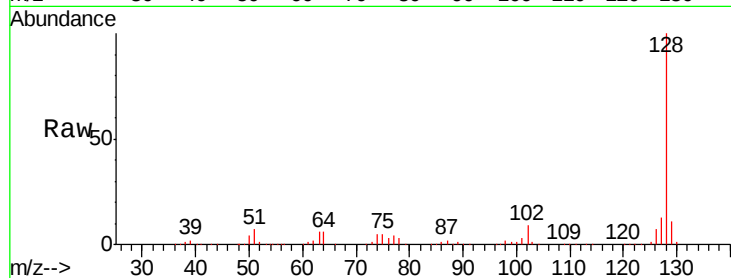




#95
Naphthalene
Concen: 54.819 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 549807
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.950 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Tgt Ion:180 Resp: 147035
Ion Ratio Lower Upper
180 100
182 95.2 47.1 141.3
145 36.5 18.0 54.0

