

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071019\
 Data File : VX010766.D
 Acq On : 10 Jul 2019 09:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 11 01:12:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	220441	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	324682	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	297504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161927	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	99634	48.21	ug/l	0.00
Spiked Amount			Recovery	=	96.42%	
35) Dibromofluoromethane	5.49	113	97703	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	
50) Toluene-d8	8.71	98	355591	46.79	ug/l	0.00
Spiked Amount			Recovery	=	93.58%	
62) 4-Bromofluorobenzene	11.13	95	136071	49.59	ug/l	0.00
Spiked Amount			Recovery	=	99.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	91827	59.917	ug/l	100
3) Chloromethane	1.32	50	92556	51.864	ug/l	99
4) Vinyl Chloride	1.41	62	100822	51.580	ug/l	99
5) Bromomethane	1.64	94	52702	55.343	ug/l	98
6) Chloroethane	1.71	64	65390	56.703	ug/l	96
7) Trichlorofluoromethane	1.92	101	174167	56.208	ug/l	97
8) Diethyl Ether	2.18	74	61312	55.176	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	103028	54.867	ug/l	99
10) Methyl Iodide	2.51	142	130372	48.649	ug/l	97
11) Tert butyl alcohol	3.04	59	112718	208.417	ug/l	98
12) 1,1-Dichloroethene	2.37	96	100129	52.403	ug/l	97
13) Acrolein	2.29	56	66215	184.560	ug/l	100
14) Allyl chloride	2.73	41	142936	52.692	ug/l	98
15) Acrylonitrile	3.14	53	272713	254.687	ug/l	99
16) Acetone	2.44	43	294745	284.546	ug/l	97
17) Carbon Disulfide	2.57	76	247308	48.244	ug/l	99
18) Methyl Acetate	2.77	43	106299	51.489	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	316154	52.596	ug/l	98
20) Methylene Chloride	2.85	84	112834	52.931	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	106274	51.715	ug/l	97
22) Diisopropyl ether	3.85	45	302553	53.345	ug/l	100
23) Vinyl Acetate	3.81	43	1333063	272.072	ug/l	100
24) 1,1-Dichloroethane	3.69	63	172553	52.633	ug/l	98
25) 2-Butanone	4.67	43	403644	265.651	ug/l	99
26) 2,2-Dichloropropane	4.58	77	145169	50.974	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	121389	51.117	ug/l	99
28) Bromochloromethane	5.01	49	74923	47.799	ug/l	94
29) Tetrahydrofuran	5.12	42	236783	251.586	ug/l	99
30) Chloroform	5.21	83	184198	52.219	ug/l	100
31) Cyclohexane	5.57	56	160386	53.723	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	162911	52.305	ug/l	100
36) 1,1-Dichloropropene	5.79	75	136237	52.803	ug/l	99
37) Ethyl Acetate	4.83	43	139307	52.484	ug/l	99
38) Carbon Tetrachloride	5.78	117	146643	52.487	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	182918	53.935	ug/l	96
40) Benzene	6.14	78	422351	52.543	ug/l	99
41) Methacrylonitrile	5.04	41	76260	52.363	ug/l	99
42) 1,2-Dichloroethane	6.18	62	137894	56.356	ug/l	98
43) Isopropyl Acetate	6.44	43	229489	52.258	ug/l	98
44) Trichloroethene	7.21	130	124285	51.672	ug/l	99
45) 1,2-Dichloropropane	7.51	63	106514	52.473	ug/l	100
46) Dibromomethane	7.66	93	77464	53.189	ug/l	96
47) Bromodichloromethane	7.89	83	140397	52.603	ug/l	99
48) Methyl methacrylate	7.76	41	110855	54.308	ug/l	98
49) 1,4-Dioxane	7.74	88	57433	976.708	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	753433	268.256	ug/l	98
52) Toluene	8.78	92	279820	52.861	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	155749	52.049	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	172035	52.904	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	116262	53.254	ug/l	99
56) Ethyl methacrylate	9.18	69	174597	52.794	ug/l	97
57) 1,3-Dichloropropane	9.37	76	180859	53.368	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	362011	230.483	ug/l	99
59) 2-Hexanone	9.49	43	604075	273.276	ug/l	98
60) Dibromochloromethane	9.58	129	126468	51.738	ug/l	99
61) 1,2-Dibromoethane	9.67	107	121855	51.711	ug/l	98
64) Tetrachloroethene	9.34	164	126223	52.455	ug/l	97
65) Chlorobenzene	10.13	112	314891	52.135	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	115176	52.352	ug/l	100
67) Ethyl Benzene	10.25	91	546839	53.629	ug/l	98
68) m/p-Xylenes	10.35	106	427535	108.210	ug/l	100
69) o-Xylene	10.69	106	204656	52.673	ug/l	98
70) Styrene	10.71	104	356379	54.693	ug/l	99
71) Bromoform	10.85	173	94719	49.508	ug/l	99
73) Isopropylbenzene	11.02	105	555518	50.609	ug/l	98
74) N-amyl acetate	10.90	43	215581	51.968	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	176822	48.642	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	198226	67.179	ug/l	80
77) Bromobenzene	11.26	156	149900	48.907	ug/l	98
78) n-propylbenzene	11.36	91	642693	53.274	ug/l	99
79) 2-Chlorotoluene	11.42	91	363581	50.612	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	469879	51.926	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	55231	43.666	ug/l	92
82) 4-Chlorotoluene	11.51	91	430258	52.635	ug/l	99
83) tert-Butylbenzene	11.77	119	463264	51.007	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	479272	52.717	ug/l	100
85) sec-Butylbenzene	11.94	105	559332	52.451	ug/l	100
86) p-Isopropyltoluene	12.06	119	521506	52.871	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	270377	50.536	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	272148	49.965	ug/l	99
89) n-Butylbenzene	12.38	91	455762	54.376	ug/l	100
90) Hexachloroethane	12.60	117	82566	48.410	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	265346	49.902	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35914	45.823	ug/l	94

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ClientSampleId :
VSTDCCC050

Quant Time: Jul 11 01:12:01 2019
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

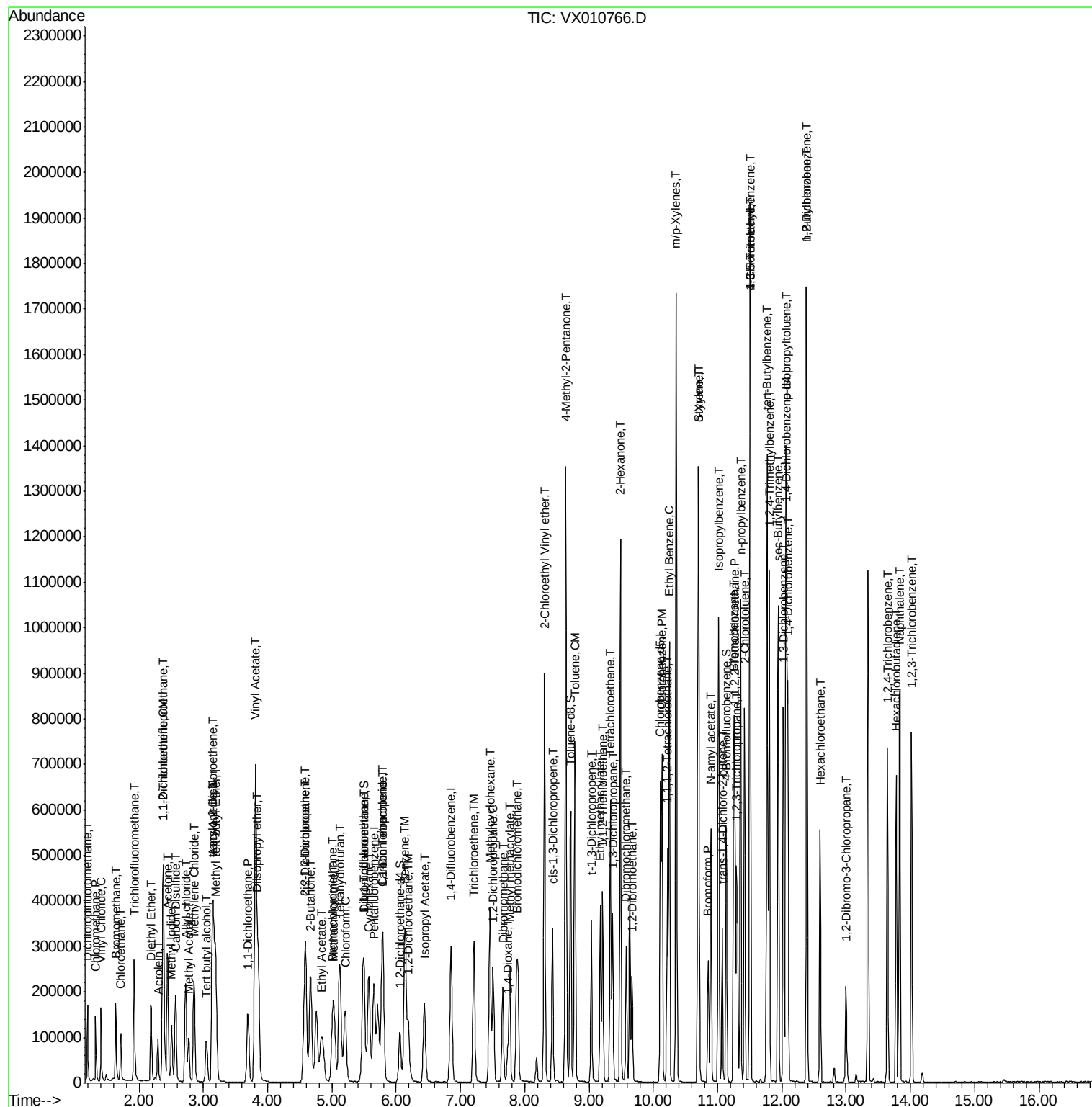
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	188943	51.239	ug/l	99
94) Hexachlorobutadiene	13.78	225	94378	52.368	ug/l	99
95) Naphthalene	13.83	128	556778	49.134	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	185240	50.525	ug/l	99

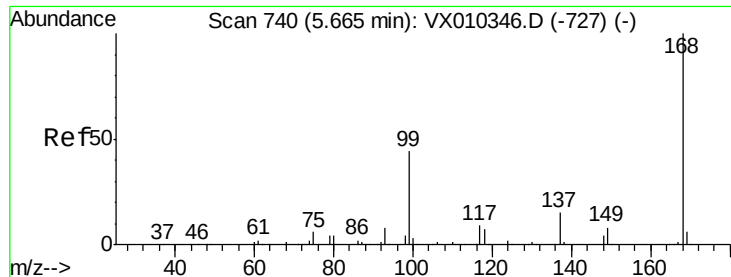
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 11 01:12:01 2019
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 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

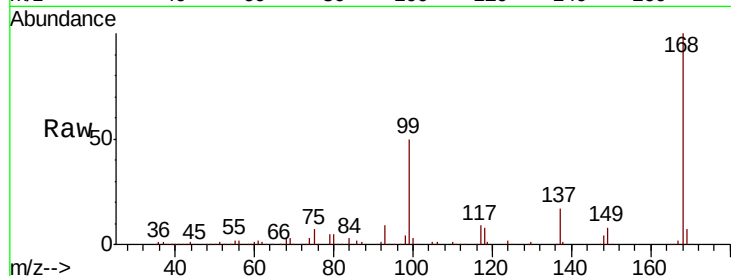
VSTDCCC050

Tot Ion:168 Resp: 220441

Ion Ratio Lower Upper

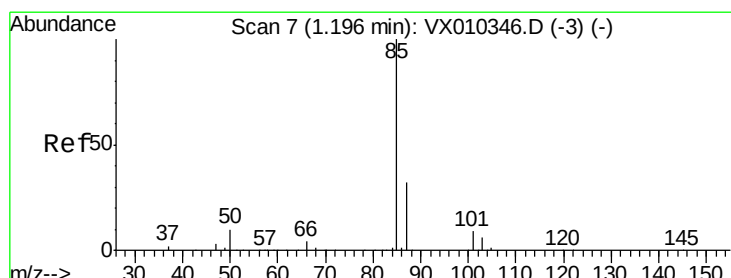
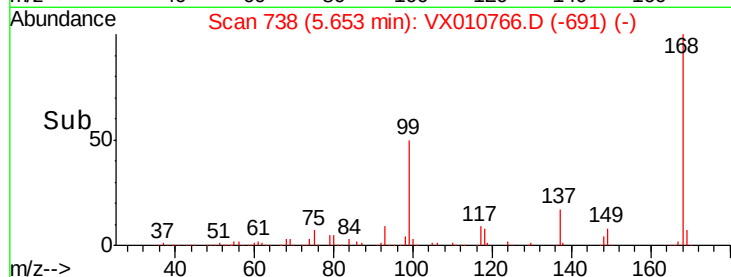
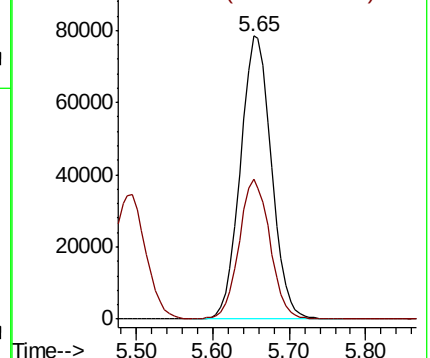
168 100

99 49.4 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 59.917 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010766.D

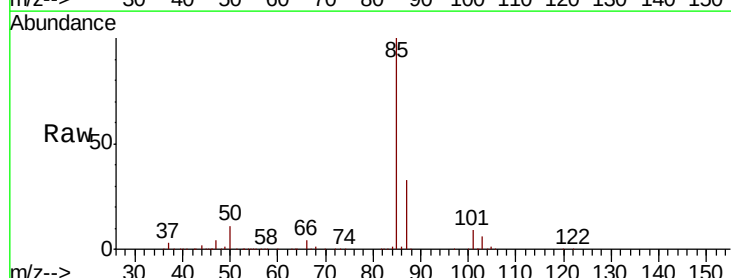
Acq: 10 Jul 2019 09:52

Tgt Ion: 85 Resp: 91827

Ion Ratio Lower Upper

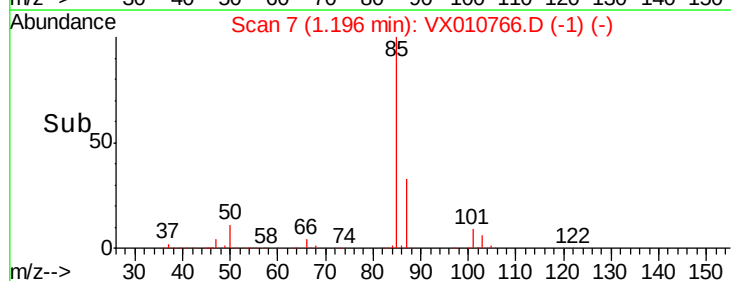
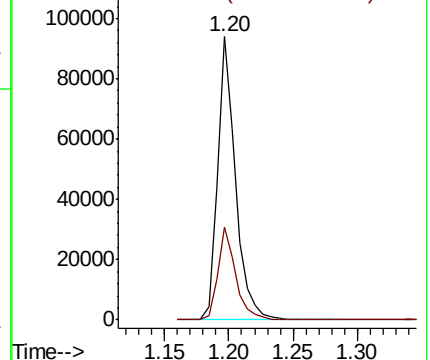
85 100

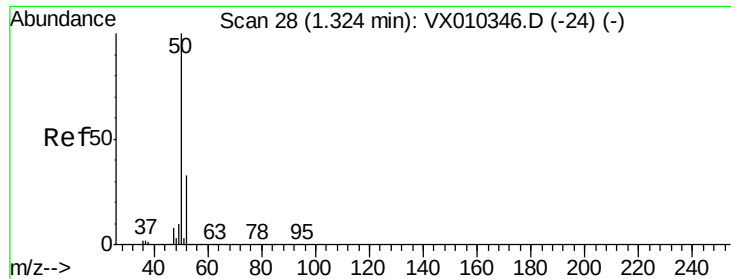
87 32.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 51.864 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

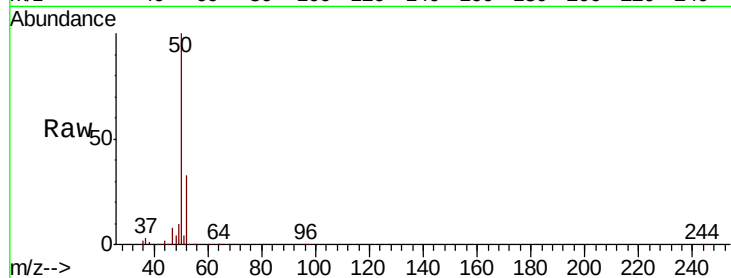
VSTDCCC050

Tot Ion: 50 Resp: 92556

Ion Ratio Lower Upper

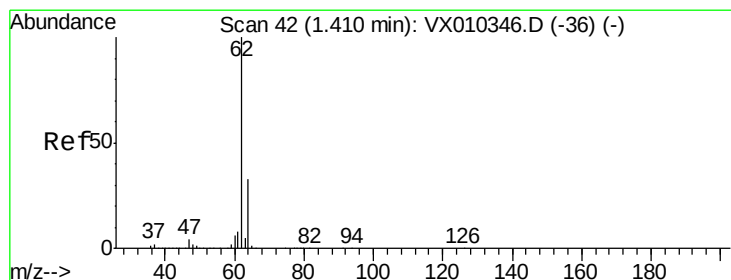
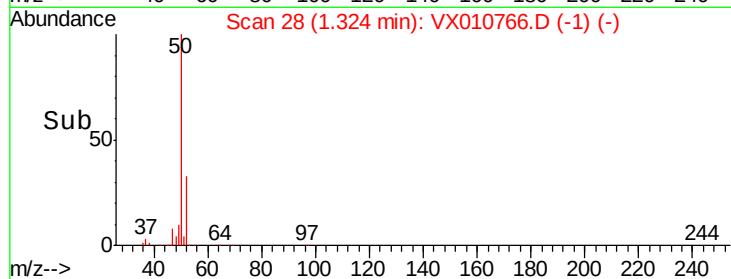
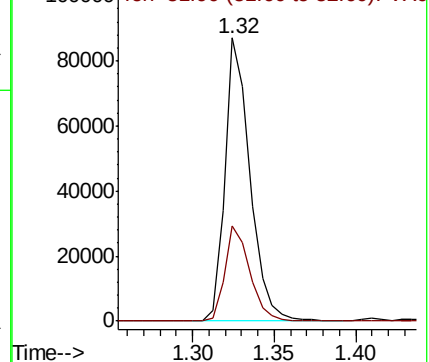
50 100

52 33.4 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 51.580 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010766.D

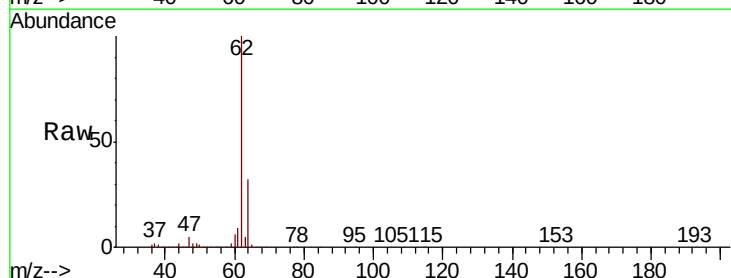
Acq: 10 Jul 2019 09:52

Tgt Ion: 62 Resp: 100822

Ion Ratio Lower Upper

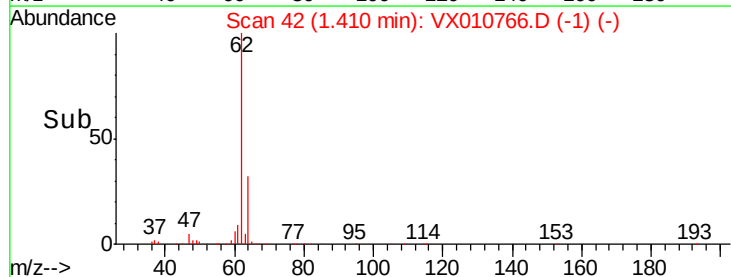
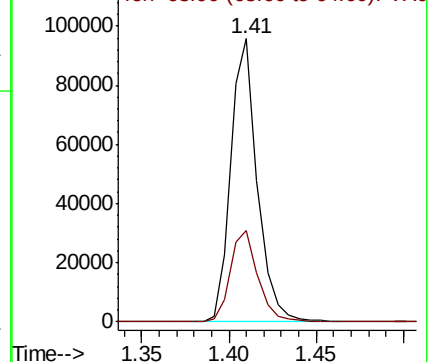
62 100

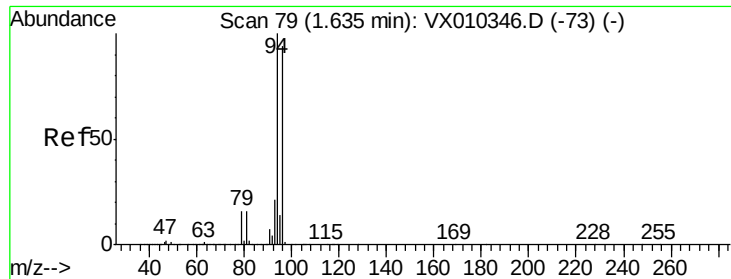
64 32.2 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 55.343 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

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ClientSampleId :

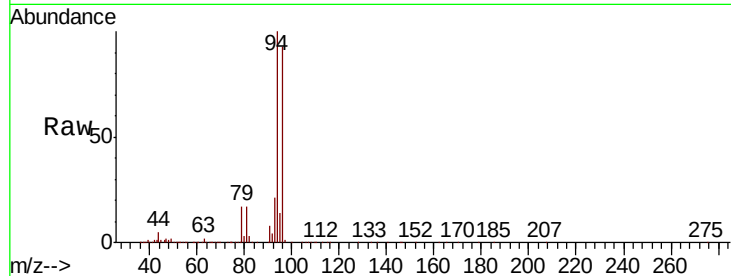
VSTDCCC050

Tot Ion: 94 Resp: 52702

Ion Ratio Lower Upper

94 100

96 92.7 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

60000

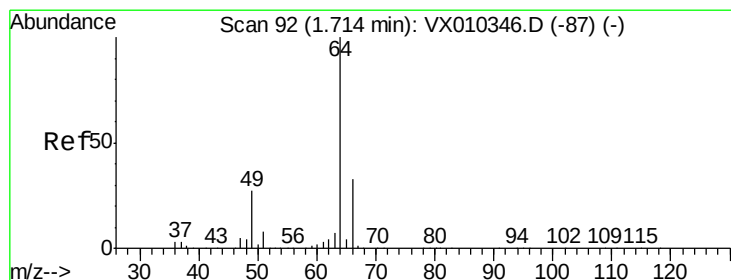
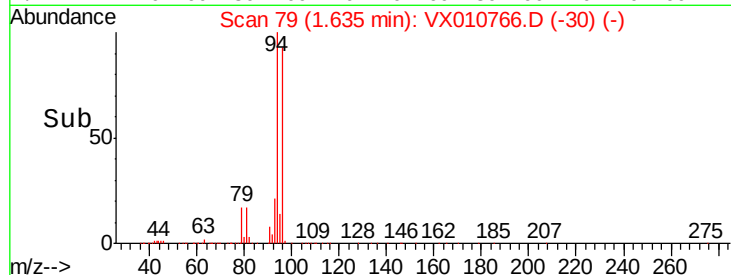
1.64

40000

20000

0

Time-->



#6

Chloroethane

Concen: 56.703 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010766.D

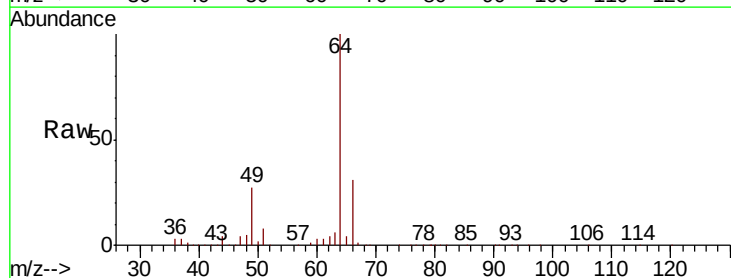
Acq: 10 Jul 2019 09:52

Tgt Ion: 64 Resp: 65390

Ion Ratio Lower Upper

64 100

66 31.0 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

60000

50000

40000

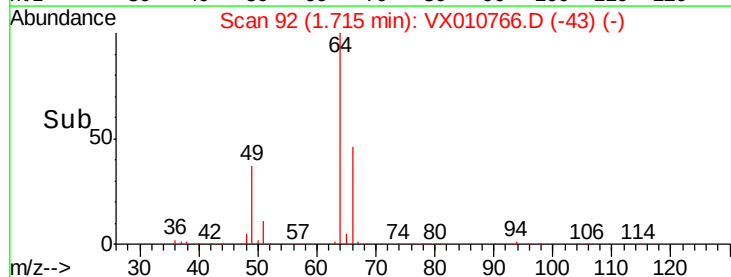
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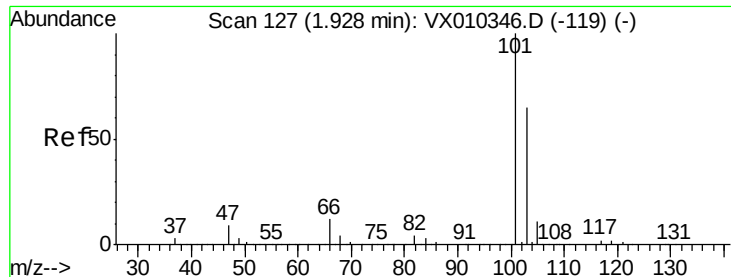
20000

10000

0

Time-->



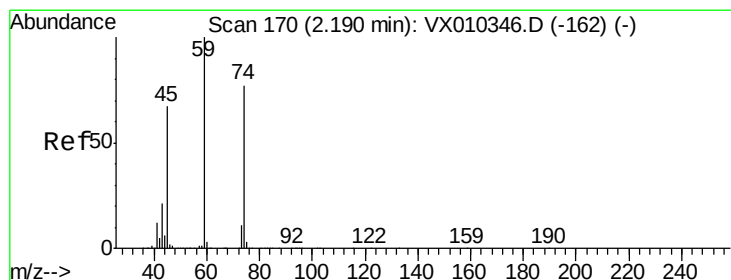
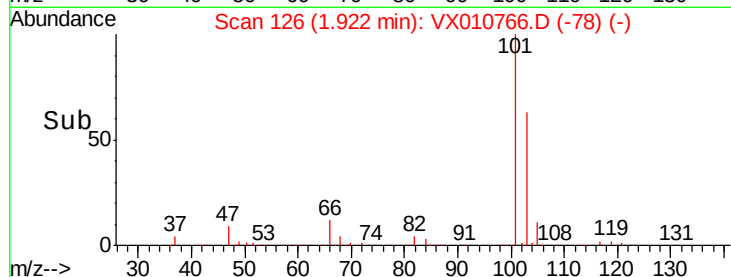
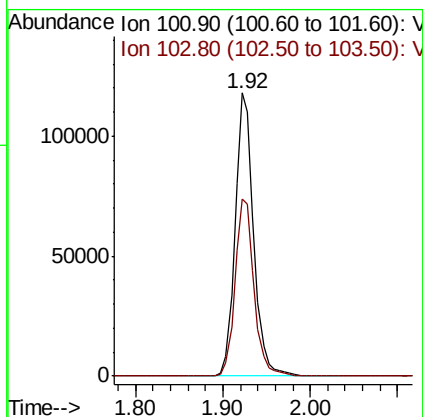
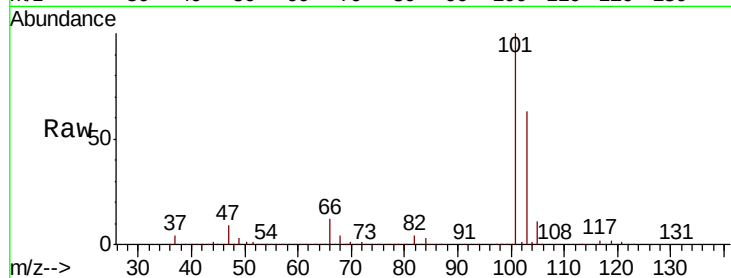


#7

Trichlorofluoromethane
Concen: 56.208 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

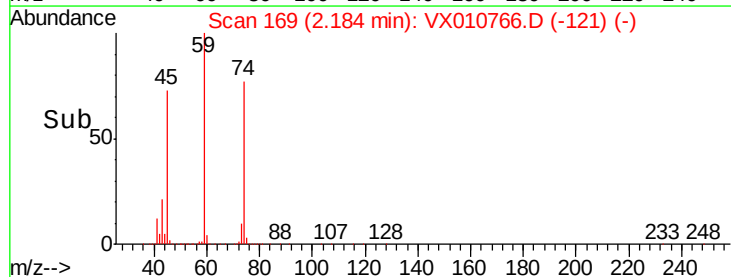
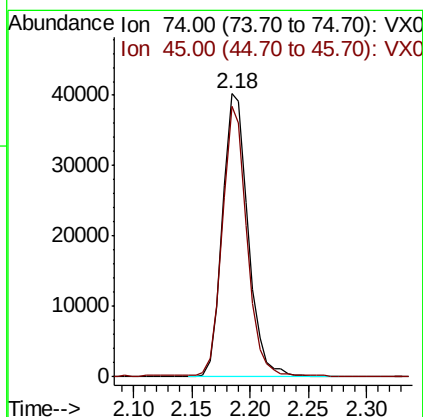
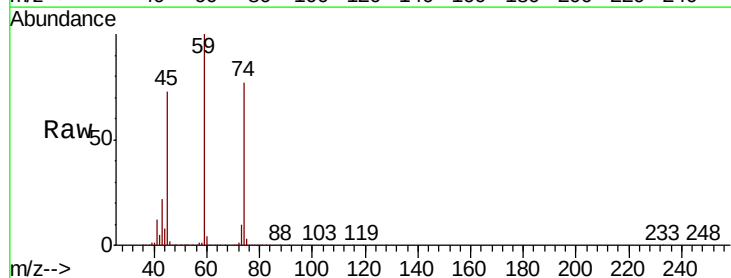
Tot Ion:101 Resp: 174167
Ion Ratio Lower Upper
101 100
103 62.7 52.3 78.5

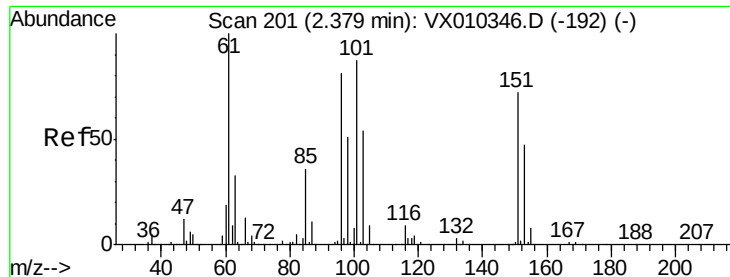


#8

Diethyl Ether
Concen: 55.176 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Tgt Ion: 74 Resp: 61312
Ion Ratio Lower Upper
74 100
45 90.8 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.867 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

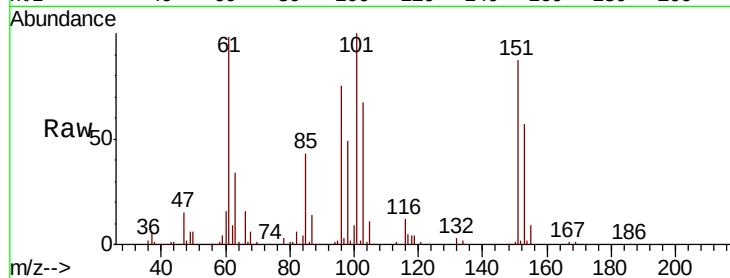
Tot Ion:101 Resp: 103028

Ion Ratio Lower Upper

101 100

85 42.3 33.7 50.5

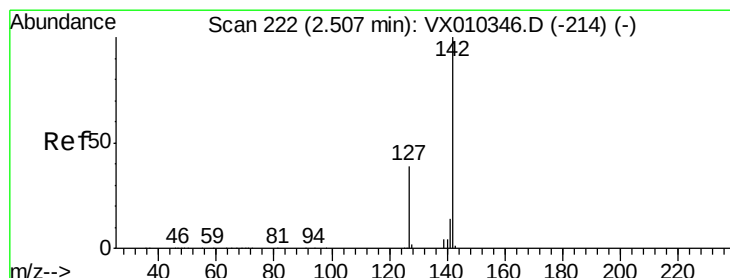
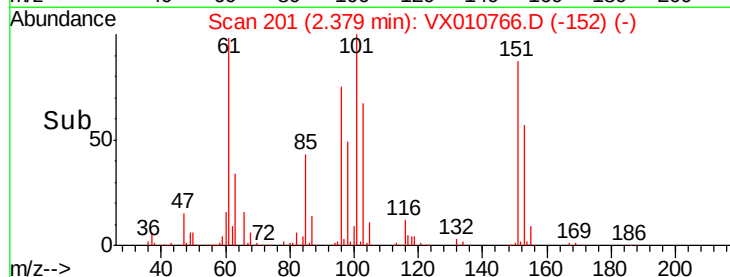
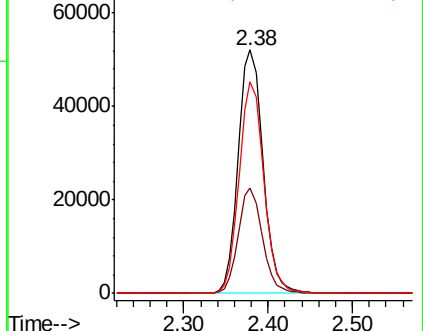
151 86.1 70.1 105.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.649 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

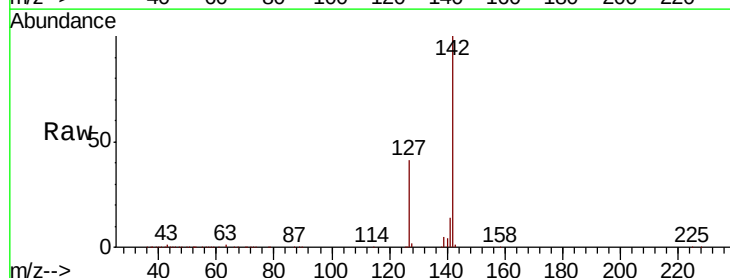
Tgt Ion:142 Resp: 130372

Ion Ratio Lower Upper

142 100

127 41.1 31.1 46.7

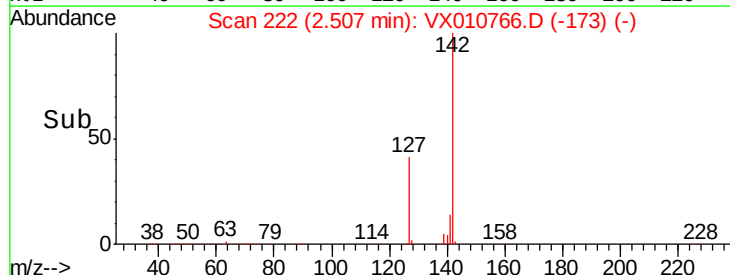
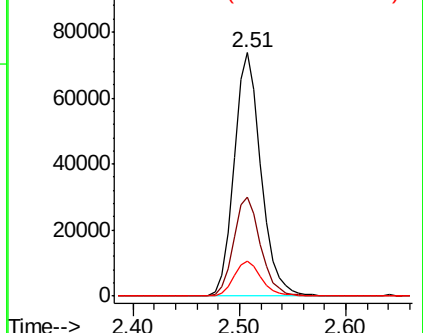
141 14.5 11.2 16.8

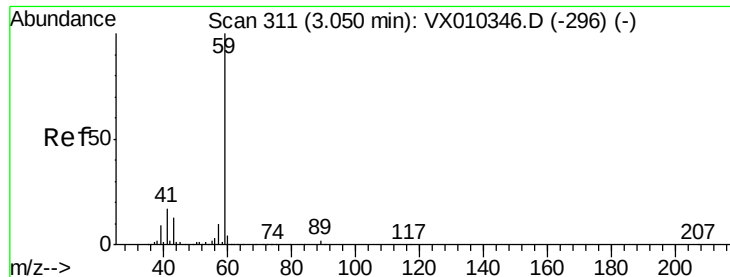


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



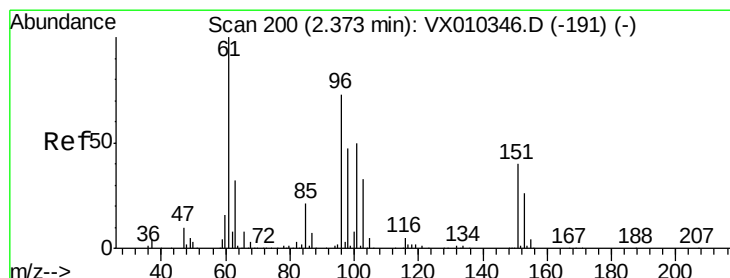
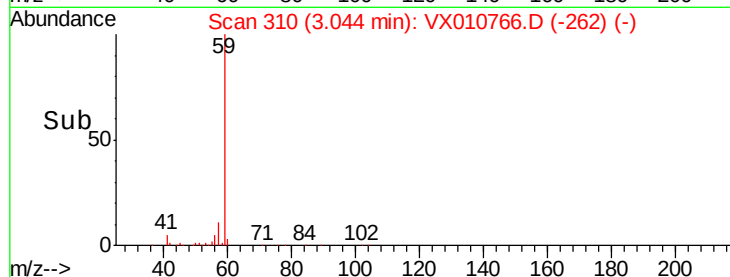
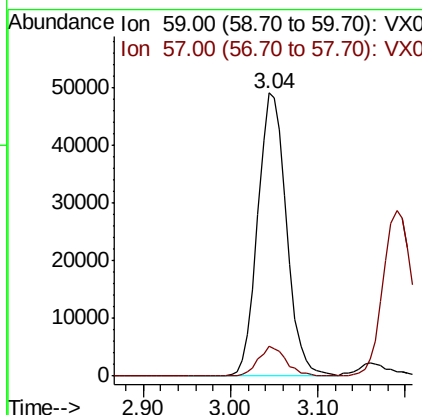
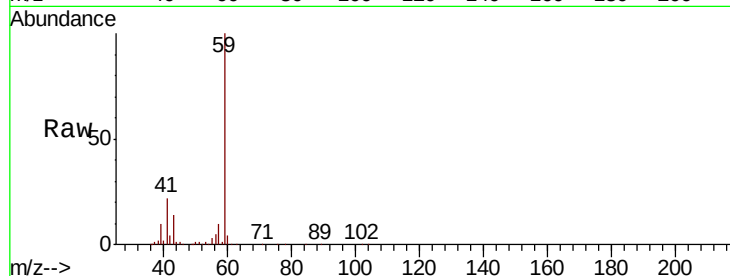


#11

Tert butyl alcohol
 Concen: 208.417 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

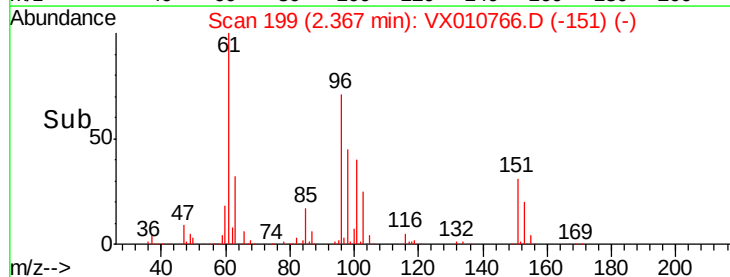
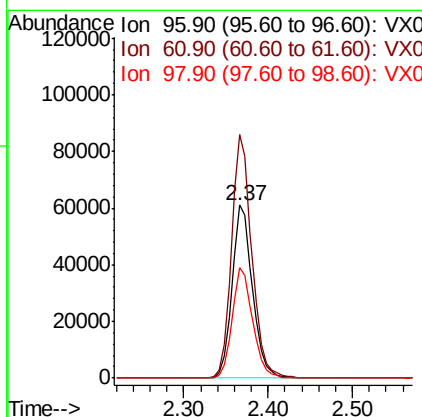
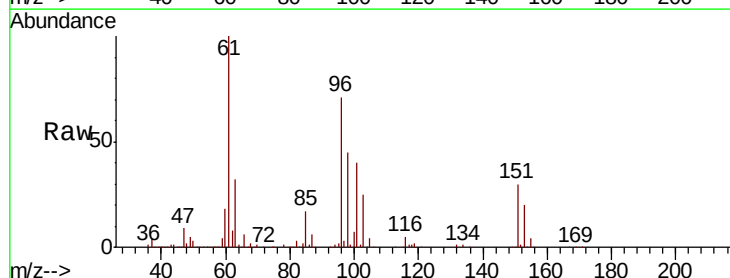
Tot Ion: 59 Resp: 112718
 Ion Ratio Lower Upper
 59 100
 57 10.2 7.7 11.5

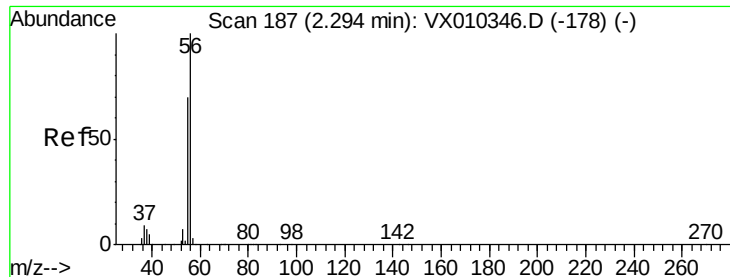


#12

1,1-Dichloroethene
 Concen: 52.403 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

Tgt Ion: 96 Resp: 100129
 Ion Ratio Lower Upper
 96 100
 61 141.1 109.2 163.8
 98 63.9 51.1 76.7





#13

Acrolein

Concen: 184.560 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

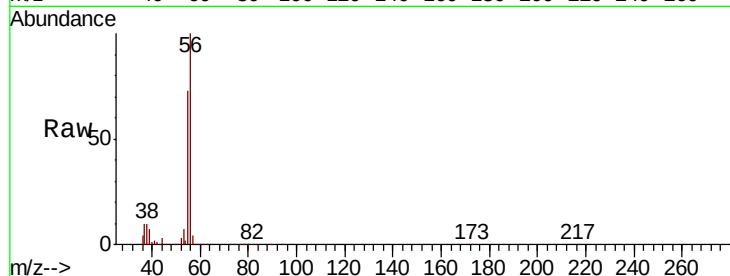
VSTDCCC050

Tot Ion: 56 Resp: 66215

Ion Ratio Lower Upper

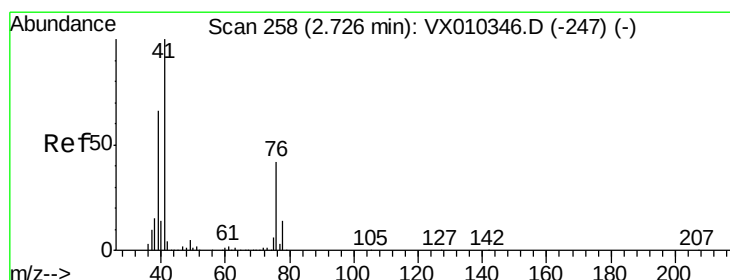
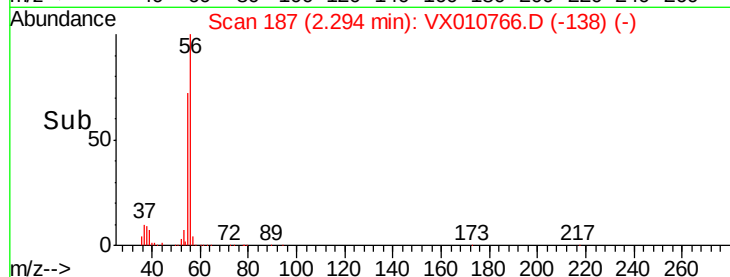
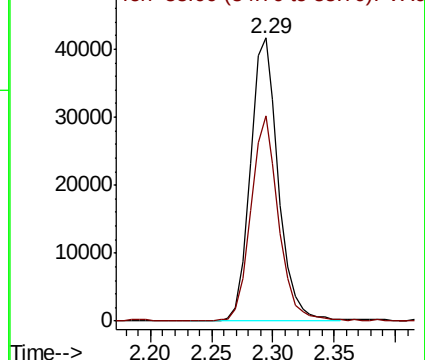
56 100

55 70.8 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 52.692 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

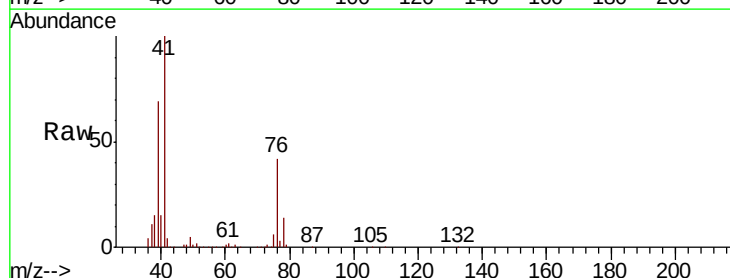
Tgt Ion: 41 Resp: 142936

Ion Ratio Lower Upper

41 100

39 65.1 50.3 75.5

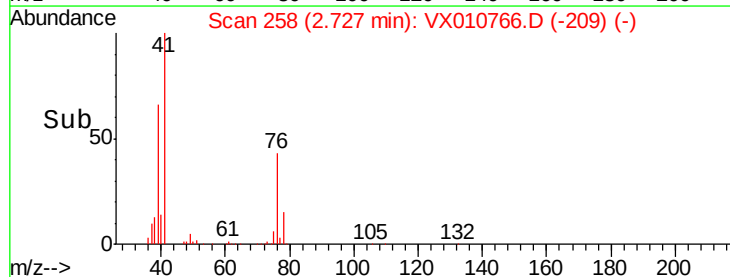
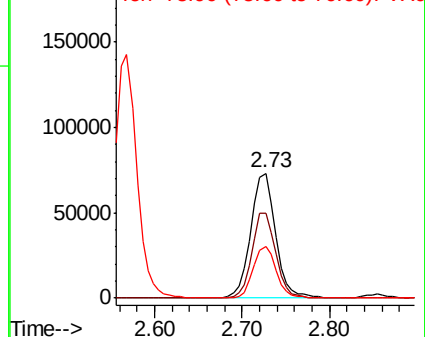
76 38.3 31.3 46.9

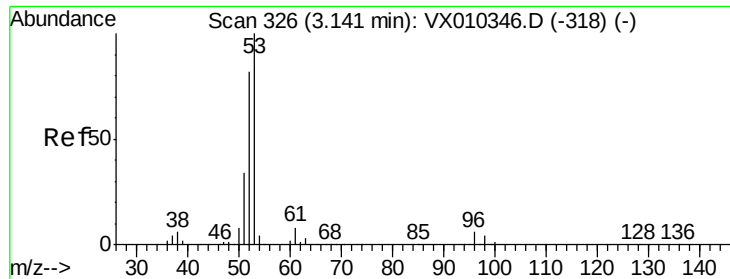


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 254.687 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

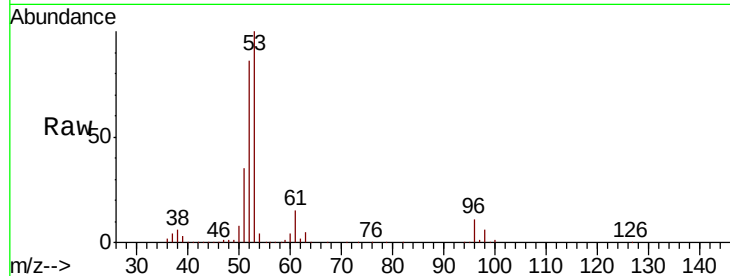
Tot Ion: 53 Resp: 272713

Ion Ratio Lower Upper

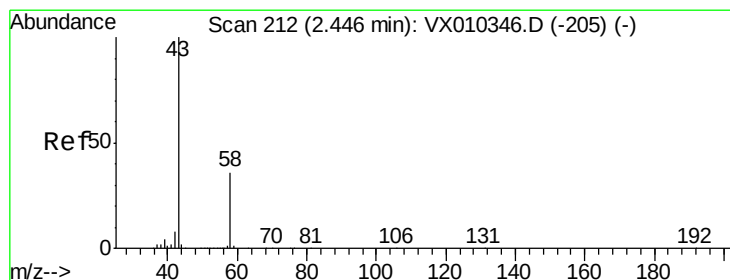
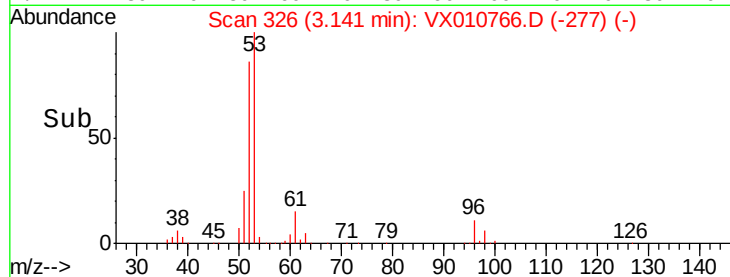
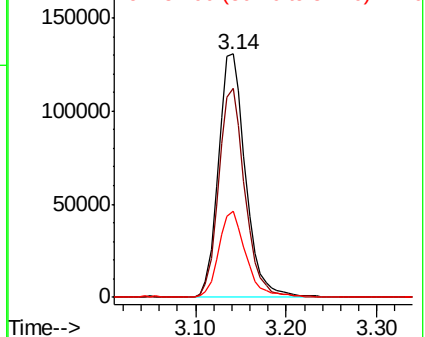
53 100

52 83.3 65.5 98.3

51 35.2 28.2 42.4



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: 284.546 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010766.D

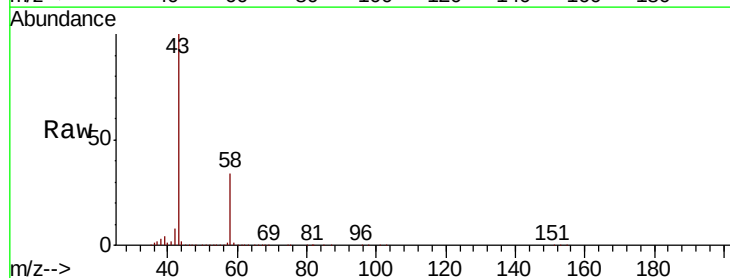
Acq: 10 Jul 2019 09:52

Tgt Ion: 43 Resp: 294745

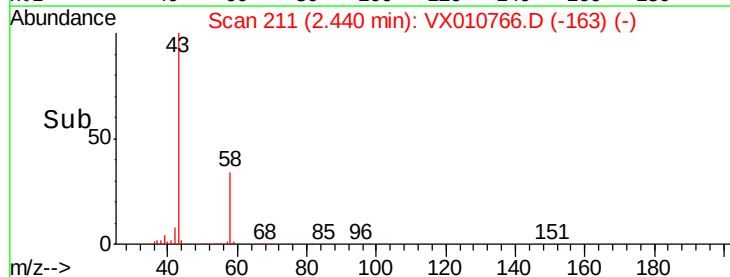
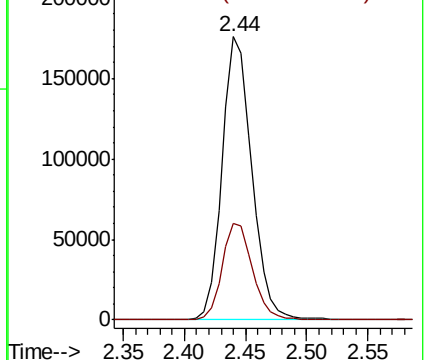
Ion Ratio Lower Upper

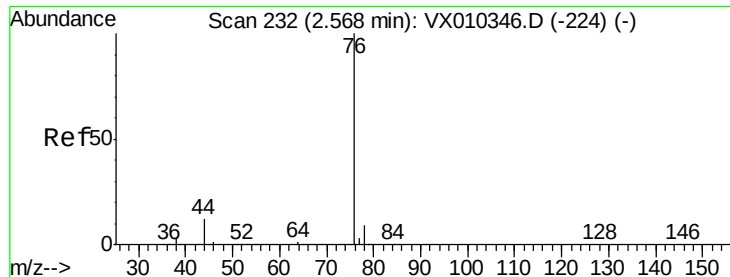
43 100

58 34.2 28.9 43.3



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

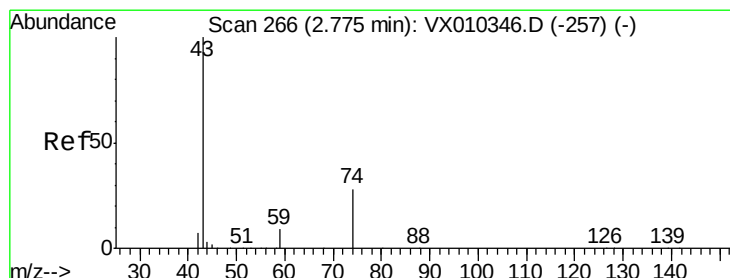
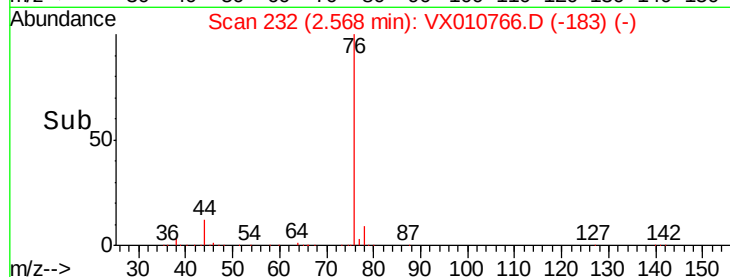
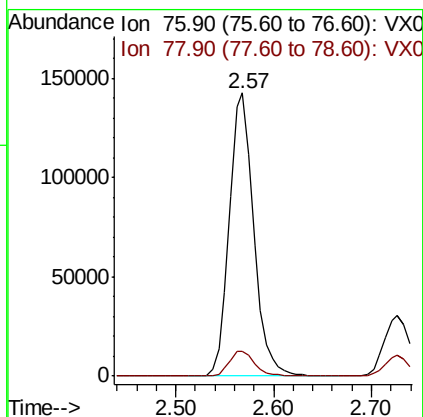
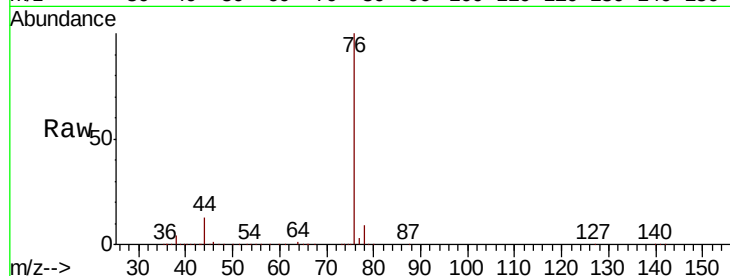




#17
Carbon Disulfide
Concen: 48.244 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

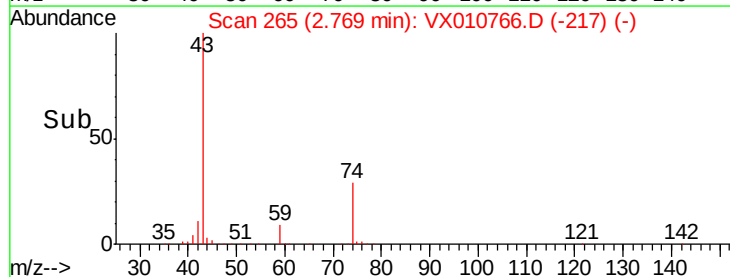
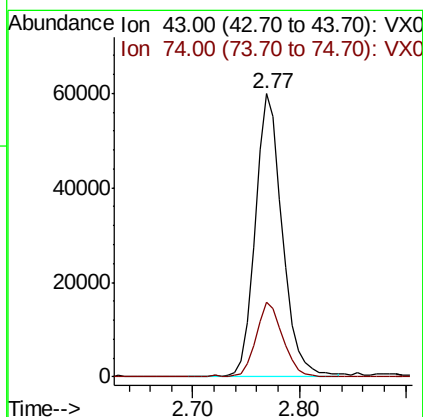
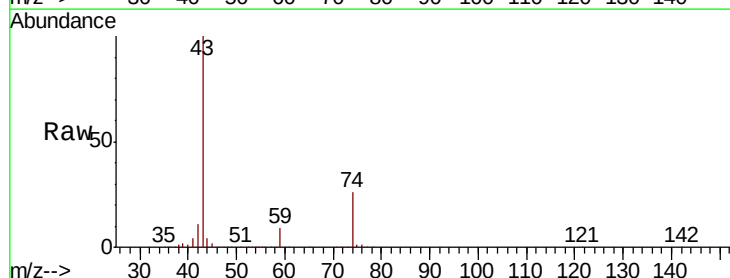
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

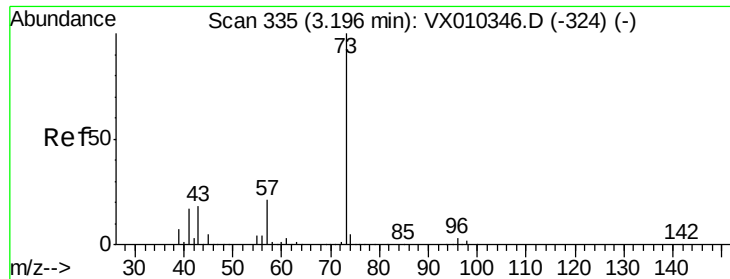
Tot Ion: 76 Resp: 247308
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 51.489 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Tgt Ion: 43 Resp: 106299
Ion Ratio Lower Upper
43 100
74 25.9 21.3 31.9

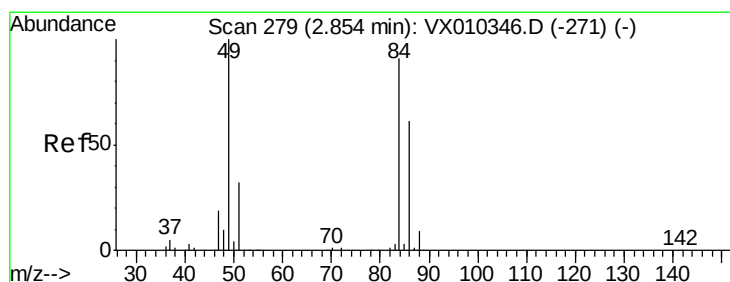
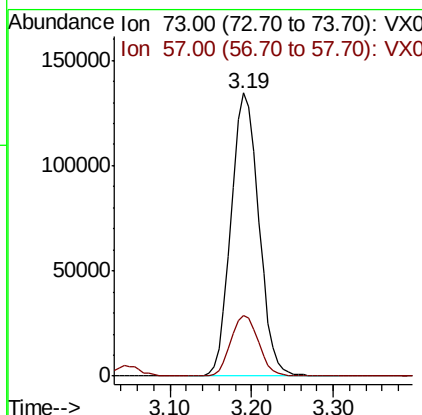
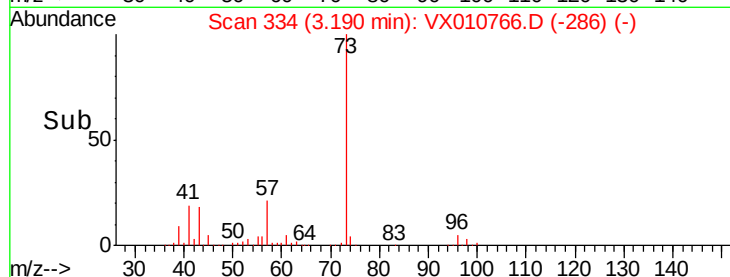
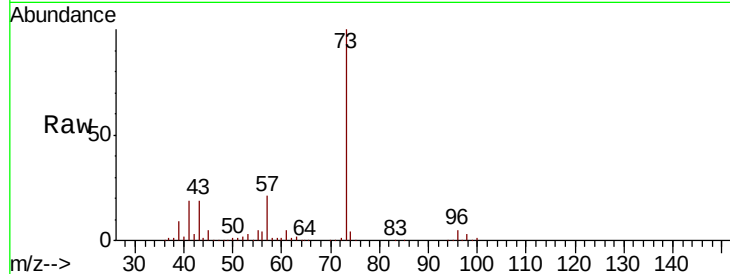




#19
Methyl tert-butyl Ether
Concen: 52.596 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

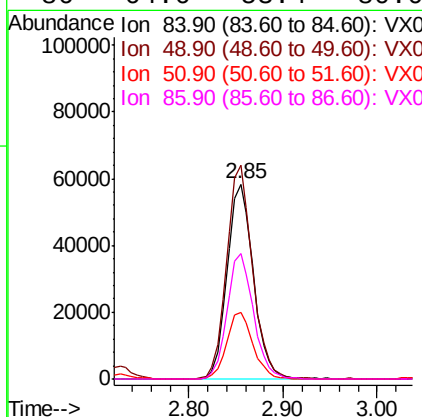
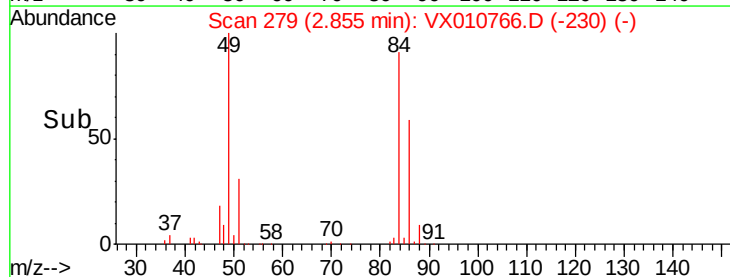
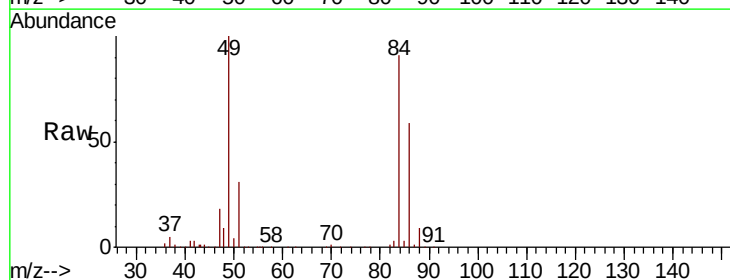
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

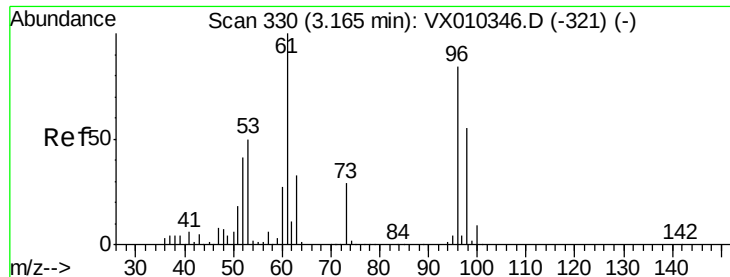
Tot Ion: 73 Resp: 316154
Ion Ratio Lower Upper
73 100
57 21.3 16.4 24.6



#20
Methylene Chloride
Concen: 52.931 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Tgt Ion: 84 Resp: 112834
Ion Ratio Lower Upper
84 100
49 109.5 87.5 131.3
51 34.3 27.7 41.5
86 64.6 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 51.715 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

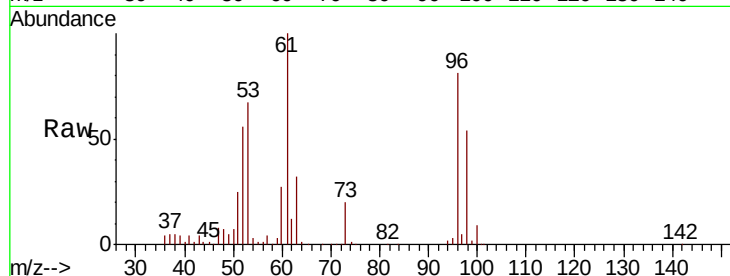
Tot Ion: 96 Resp: 106274

Ion Ratio Lower Upper

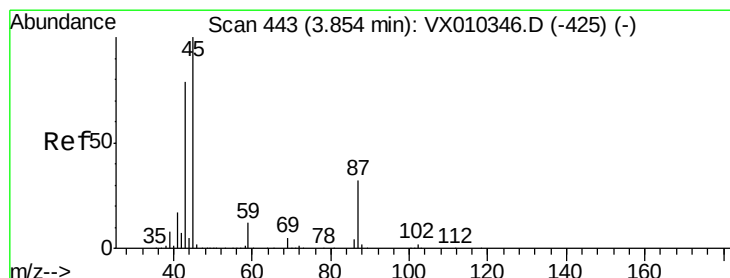
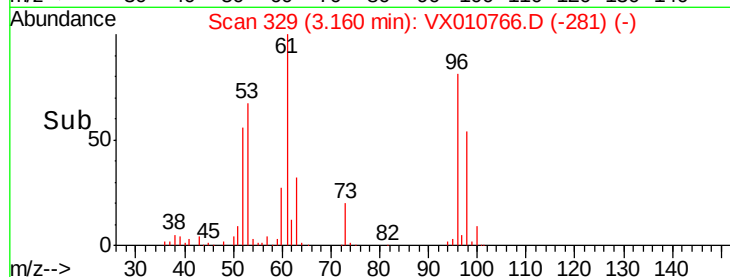
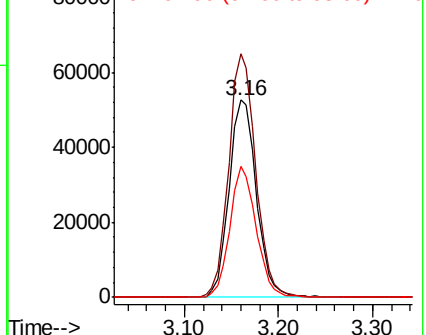
96 100

61 123.5 95.6 143.4

98 66.8 52.5 78.7



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: 53.345 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Tgt Ion: 45 Resp: 302553

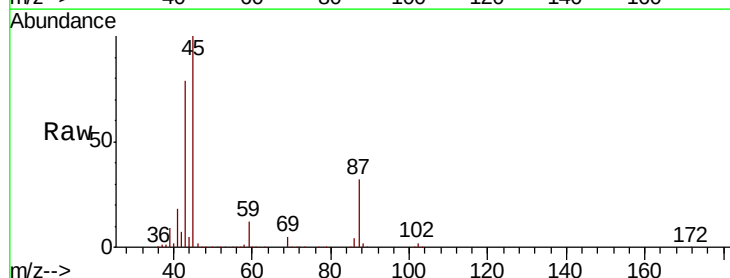
Ion Ratio Lower Upper

45 100

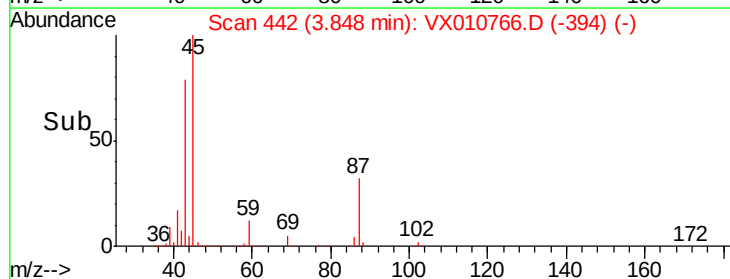
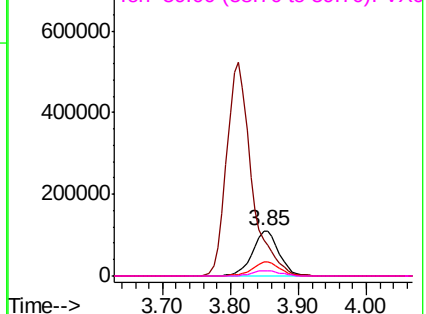
43 78.8 63.3 94.9

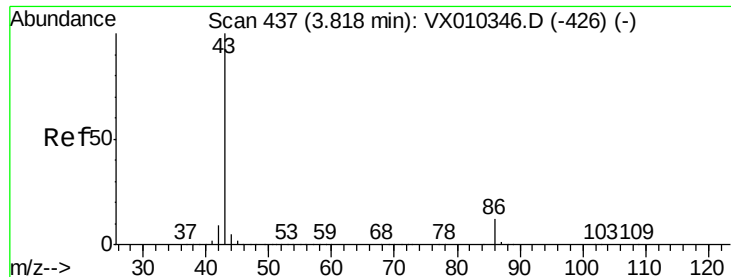
87 31.9 25.8 38.8

59 11.6 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 272.072 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

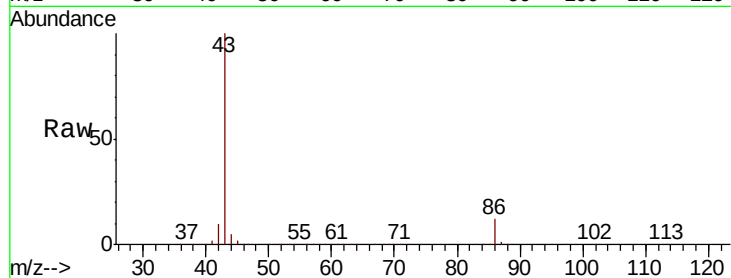
VSTDCCC050

Tot Ion: 43 Resp: 1333063

Ion Ratio Lower Upper

43 100

86 12.4 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

500000

400000

300000

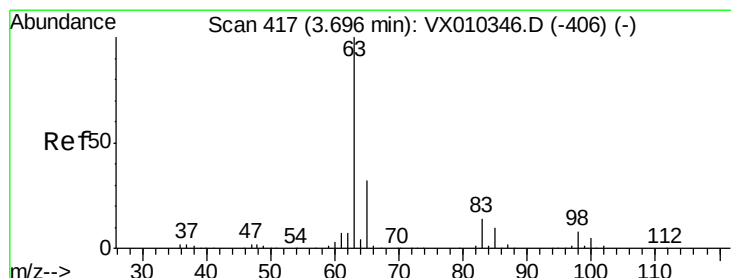
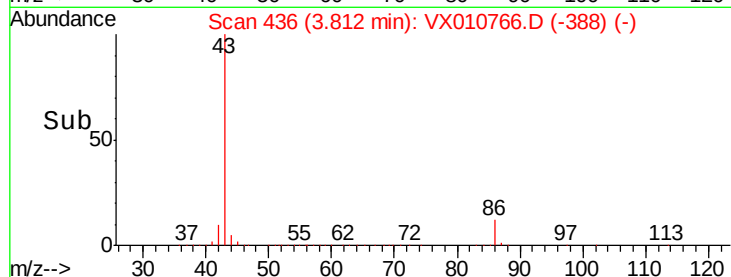
200000

100000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 52.633 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

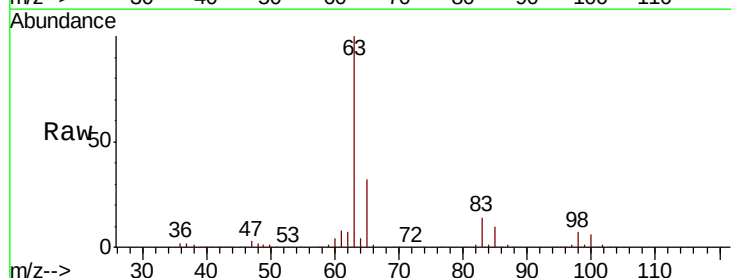
Tgt Ion: 63 Resp: 172553

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

100 5.5 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

80000

60000

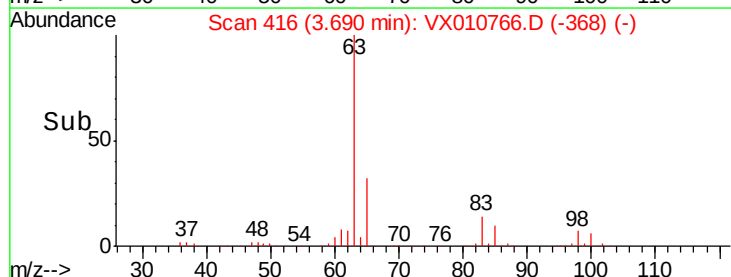
40000

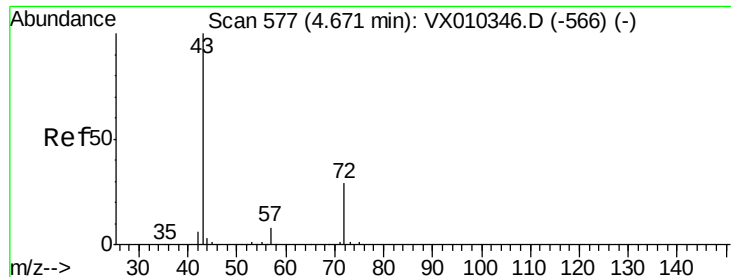
20000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 265.651 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

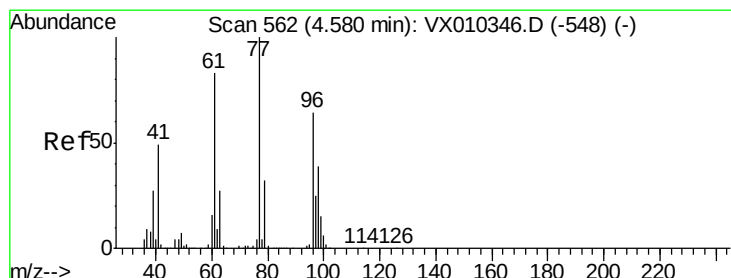
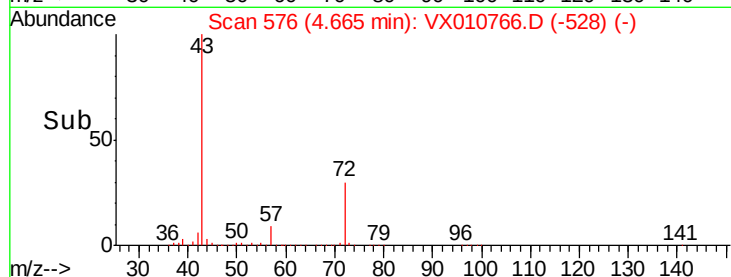
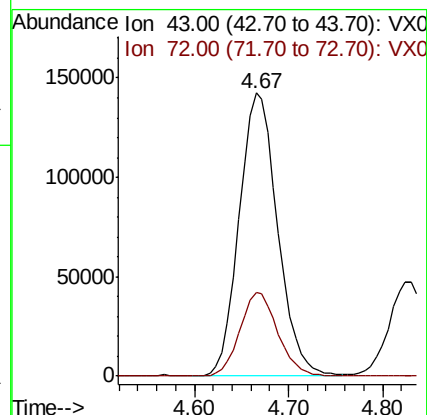
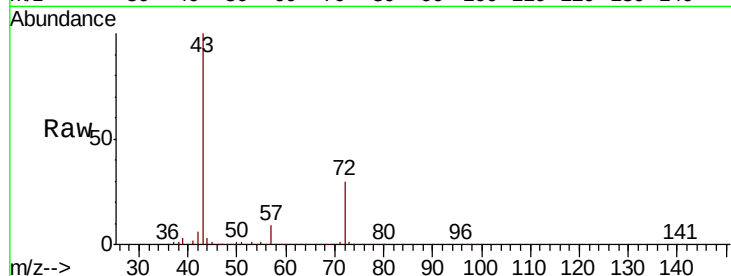
VSTDCCC050

Tot Ion: 43 Resp: 403644

Ion Ratio Lower Upper

43 100

72 29.5 23.3 34.9



#26

2,2-Dichloropropane

Concen: 50.974 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010766.D

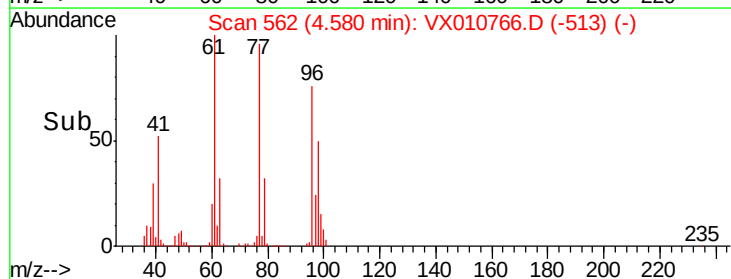
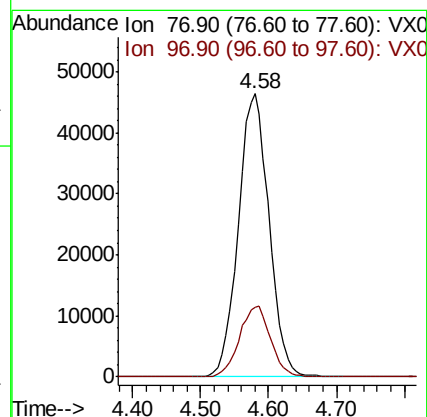
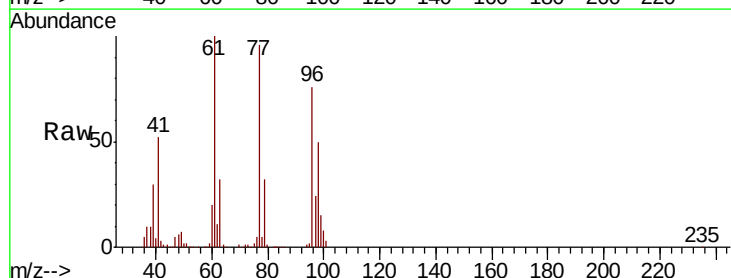
Acq: 10 Jul 2019 09:52

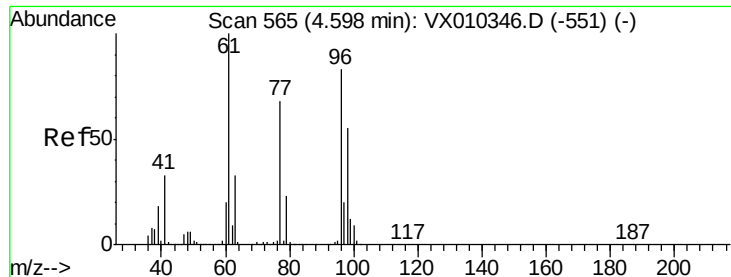
Tgt Ion: 77 Resp: 145169

Ion Ratio Lower Upper

77 100

97 25.4 13.1 39.3



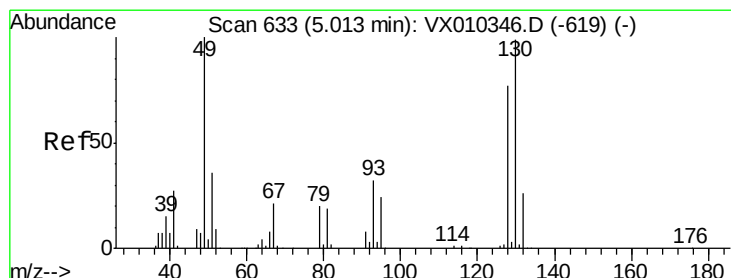
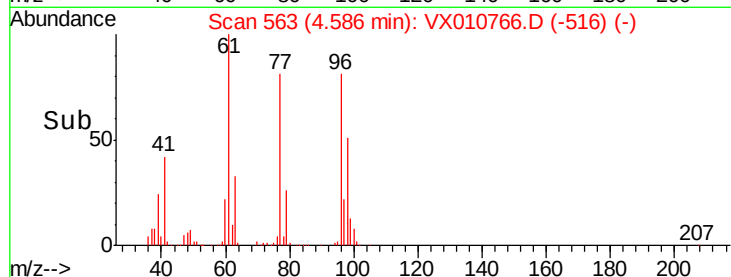
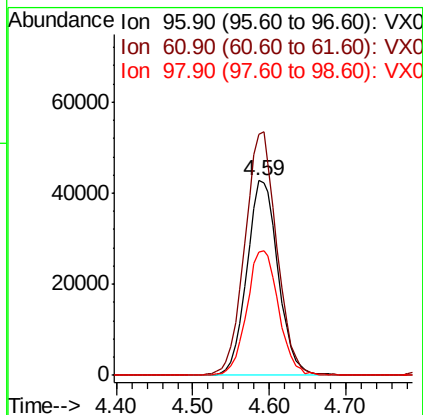
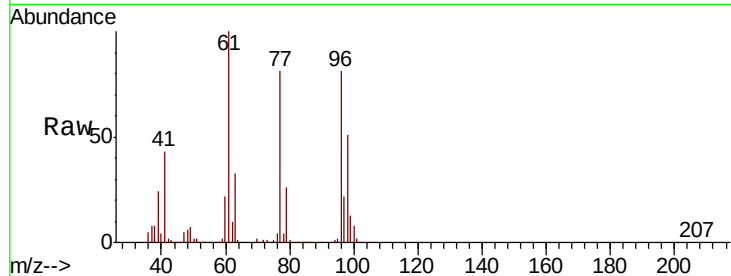


#27

cis-1,2-Dichloroethene
Concen: 51.117 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.01 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

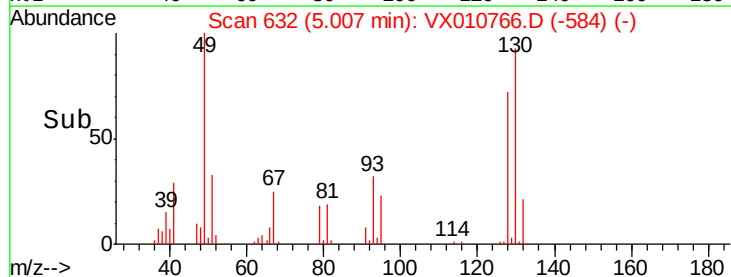
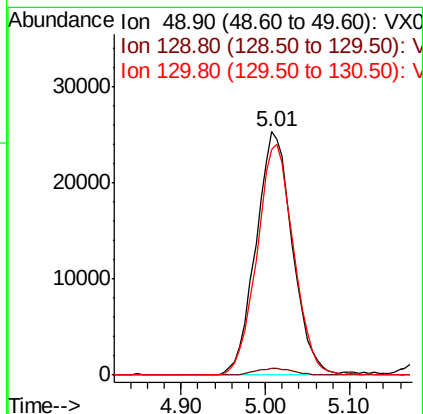
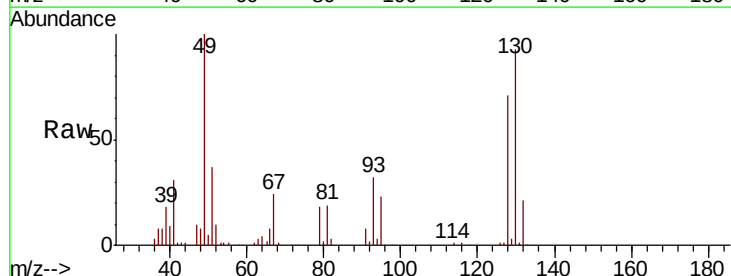
Tot Ion: 96 Resp: 121389
Ion Ratio Lower Upper
96 100
61 127.9 0.0 251.8
98 65.3 0.0 129.4

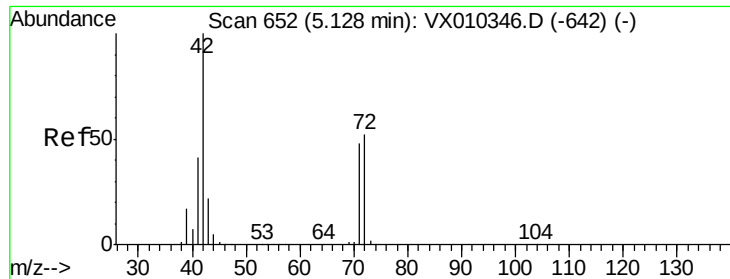


#28

Bromochloromethane
Concen: 47.799 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Tgt Ion: 49 Resp: 74923
Ion Ratio Lower Upper
49 100
129 2.9 0.0 5.6
130 95.6 81.4 122.0





#29

Tetrahydrofuran

Concen: 251.586 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

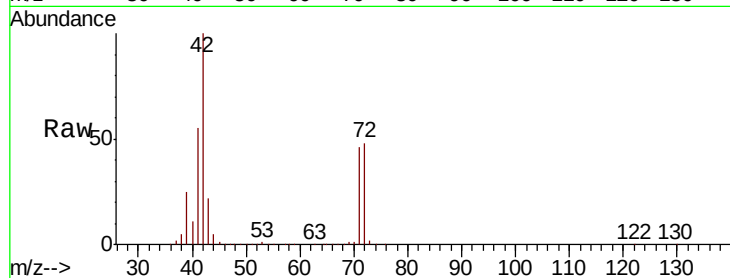
Tot Ion: 42 Resp: 236783

Ion Ratio Lower Upper

42 100

72 50.2 40.6 60.8

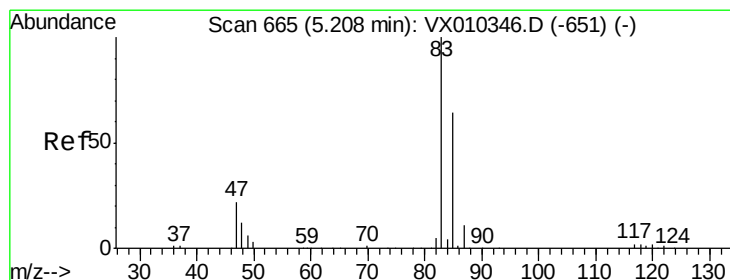
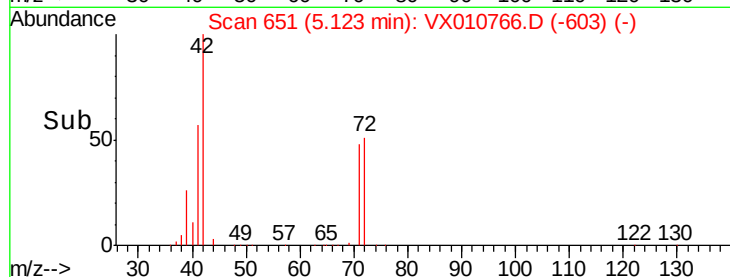
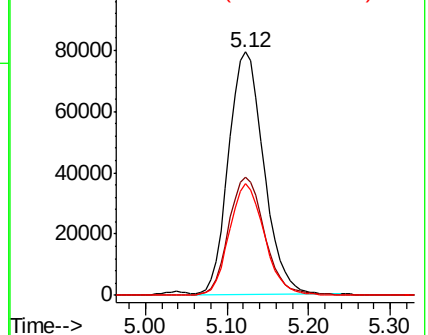
71 45.8 37.8 56.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 52.219 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010766.D

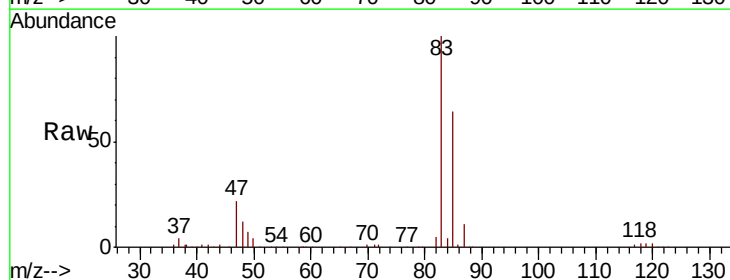
Acq: 10 Jul 2019 09:52

Tgt Ion: 83 Resp: 184198

Ion Ratio Lower Upper

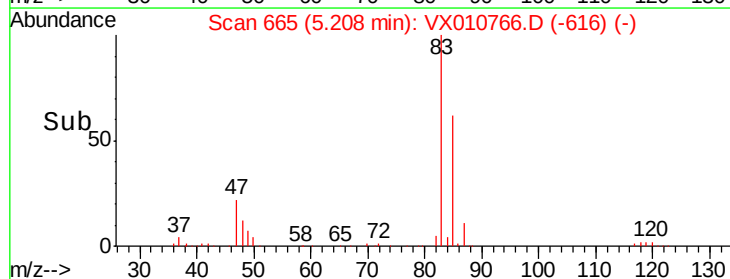
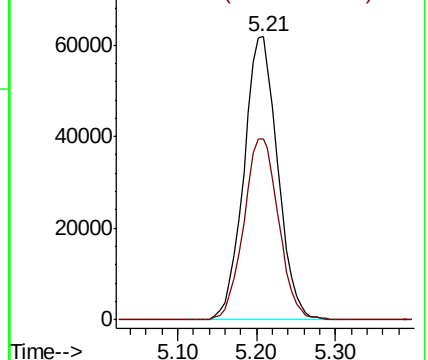
83 100

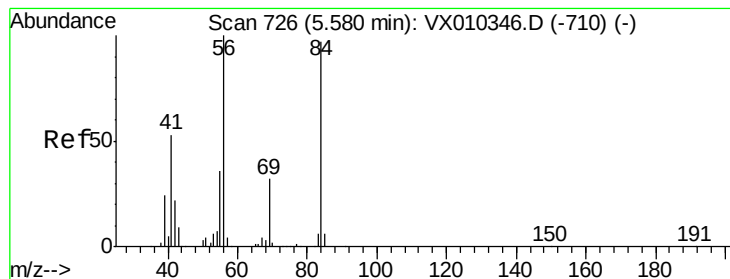
85 63.9 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 53.723 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

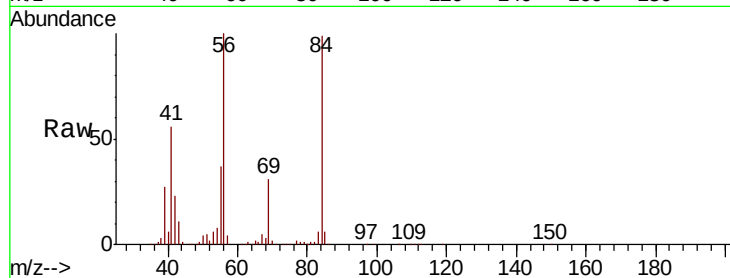
Tot Ion: 56 Resp: 160386

Ion Ratio Lower Upper

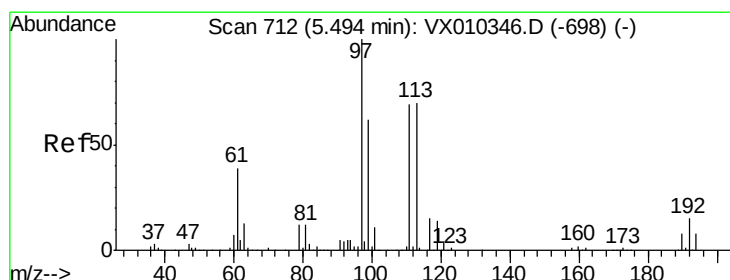
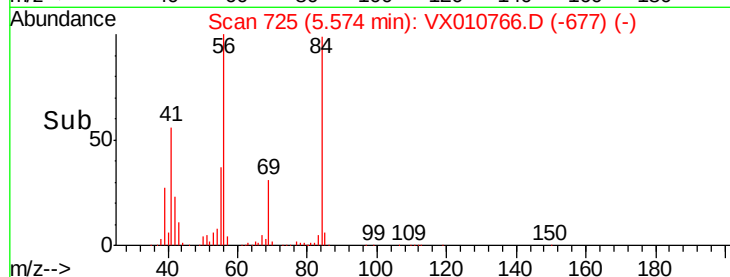
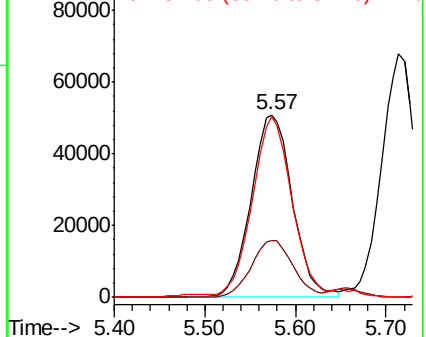
56 100

69 30.9 25.9 38.9

84 97.9 78.0 117.0



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: 52.305 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

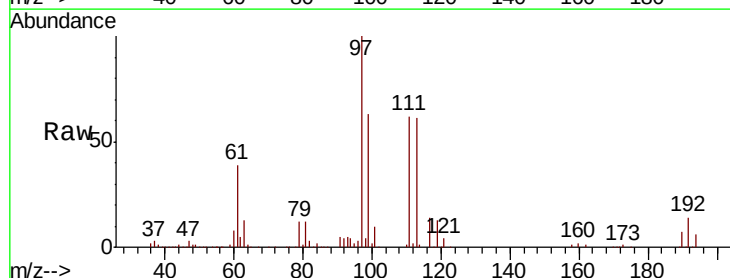
Tgt Ion: 97 Resp: 162911

Ion Ratio Lower Upper

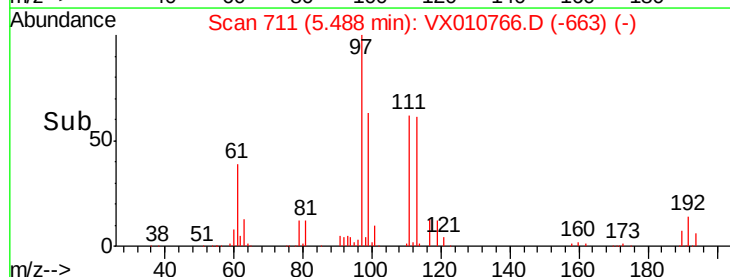
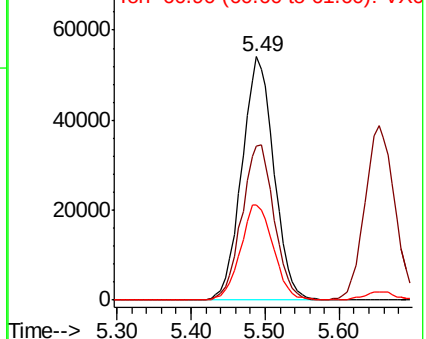
97 100

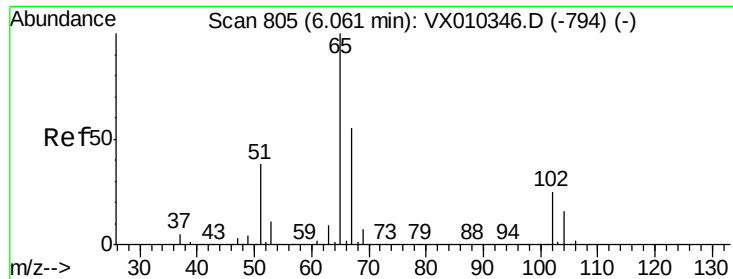
99 64.6 51.8 77.8

61 40.4 32.1 48.1



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

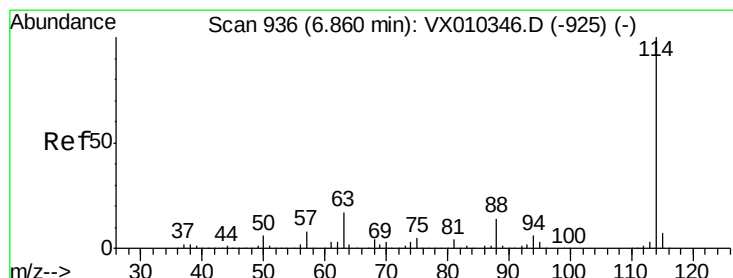
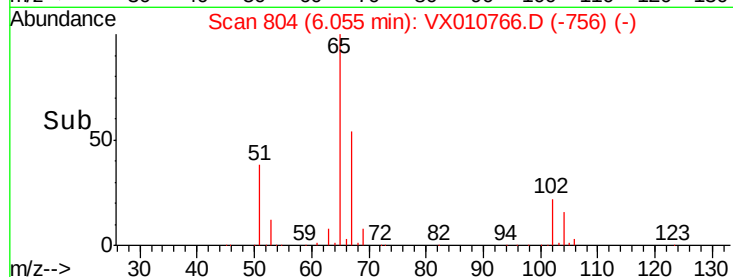
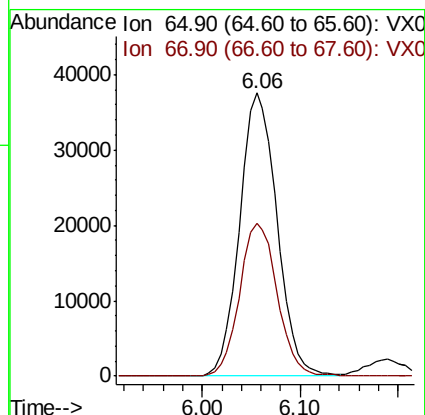
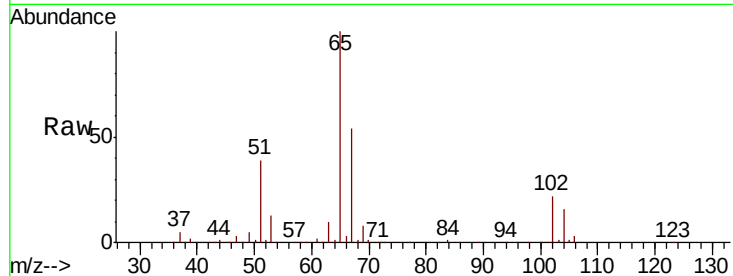




#33
 1,2-Dichloroethane-d4
 Concen: 48.206 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

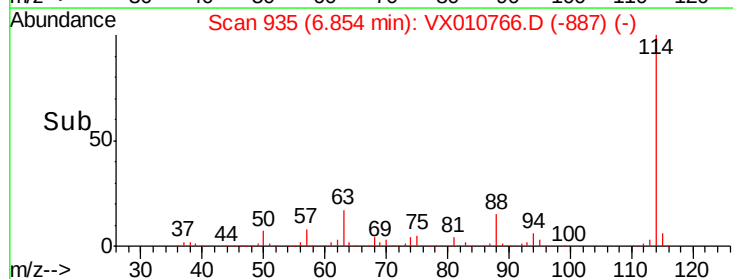
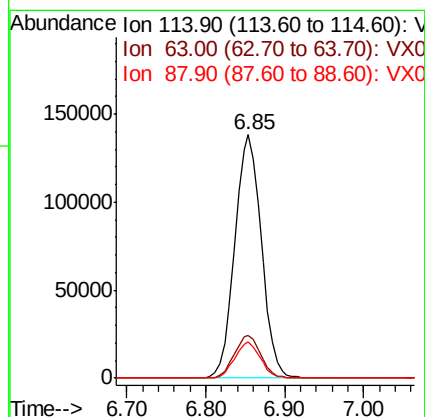
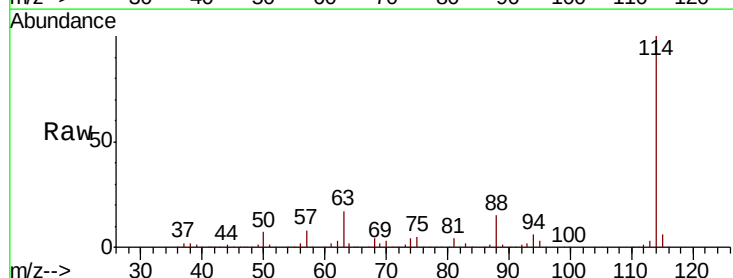
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

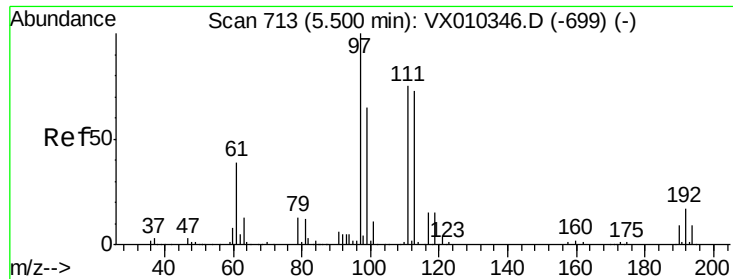
Tot Ion: 65 Resp: 99634
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

Tgt Ion: 114 Resp: 324682
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 33.8
 88 14.7 0.0 27.6

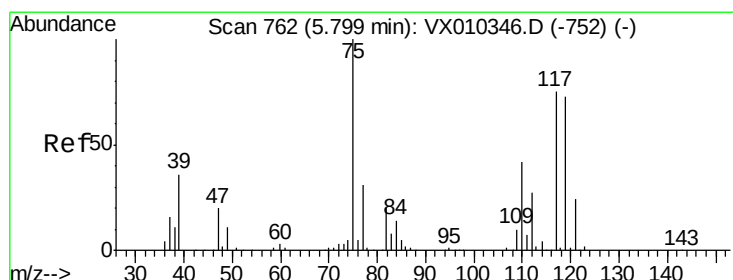
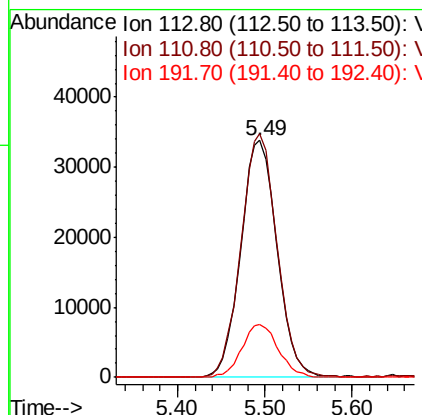
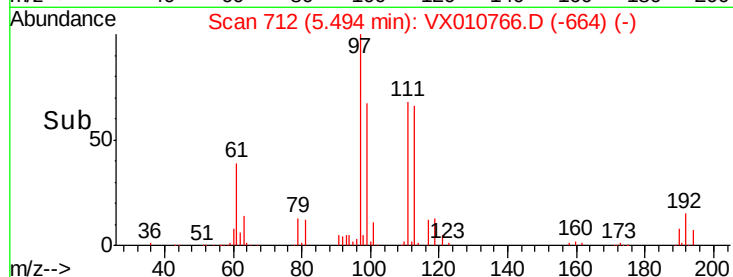
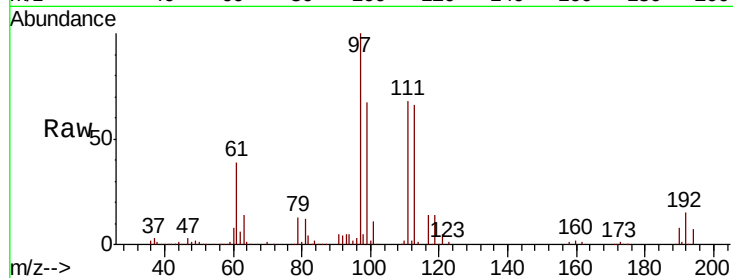




#35
 Dibromofluoromethane
 Concen: 49.183 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

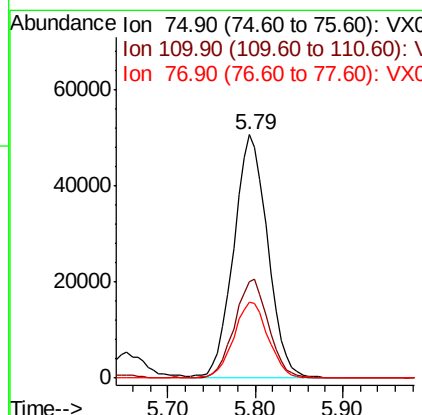
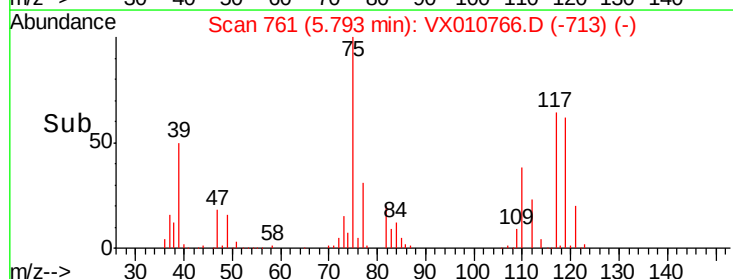
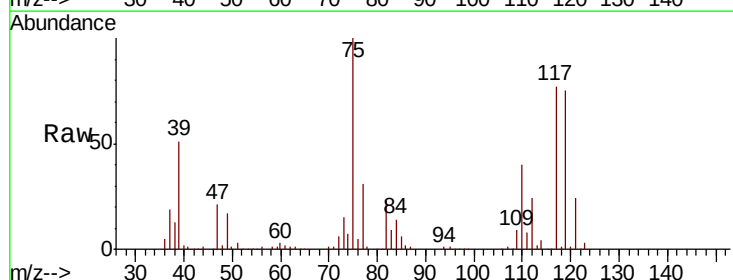
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

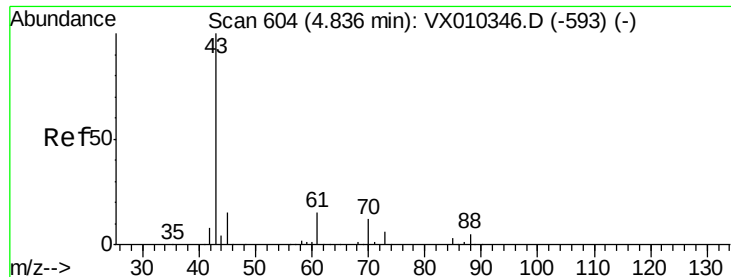
Tot Ion:113 Resp: 97703
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.2 121.8
 192 22.5 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 52.803 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

Tgt Ion: 75 Resp: 136237
 Ion Ratio Lower Upper
 75 100
 110 40.7 20.8 62.2
 77 31.6 25.4 38.0





#37

Ethyl Acetate

Concen: 52.484 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

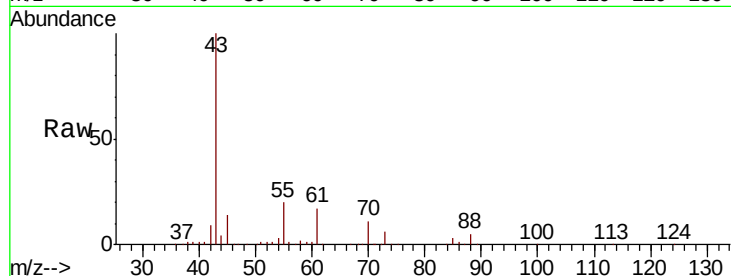
Tot Ion: 43 Resp: 139307

Ion Ratio Lower Upper

43 100

61 15.3 12.4 18.6

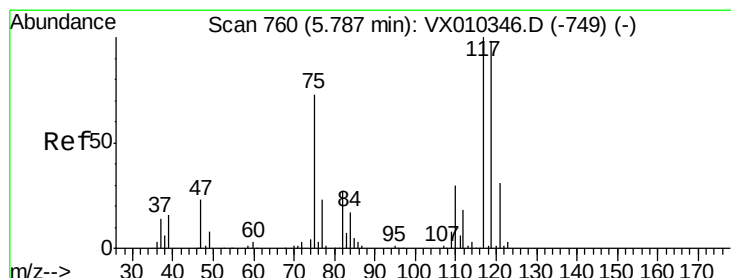
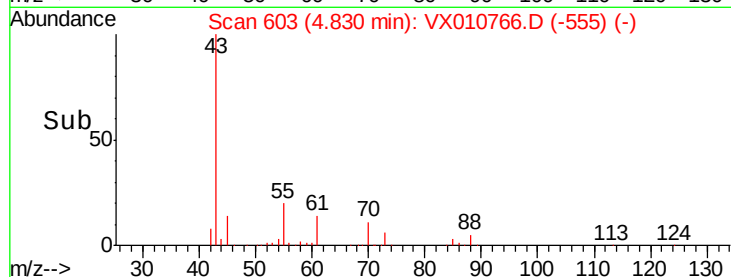
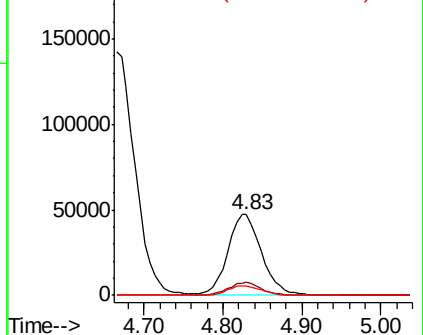
70 11.8 9.8 14.8



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: 52.487 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

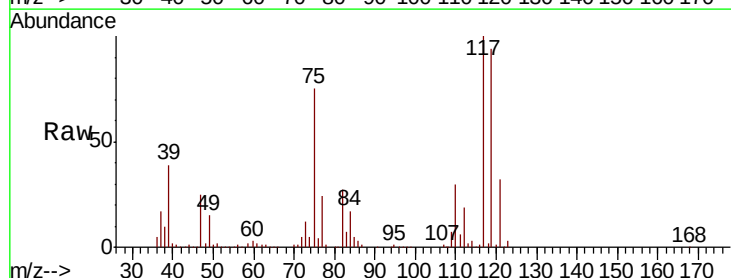
Tgt Ion: 117 Resp: 146643

Ion Ratio Lower Upper

117 100

119 94.3 78.2 117.4

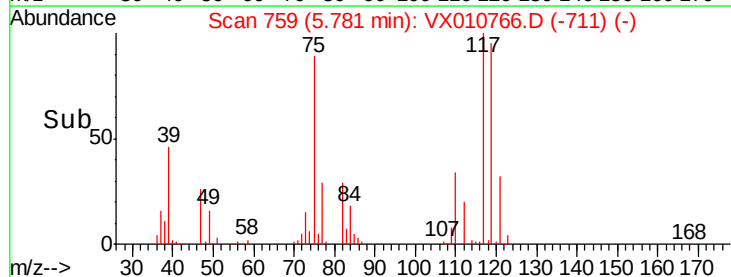
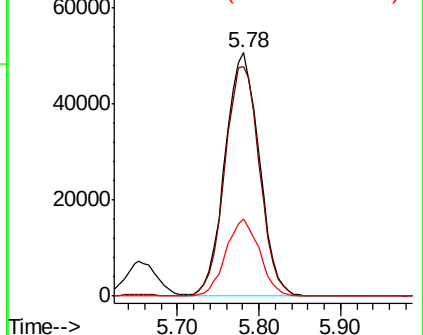
121 31.6 24.7 37.1

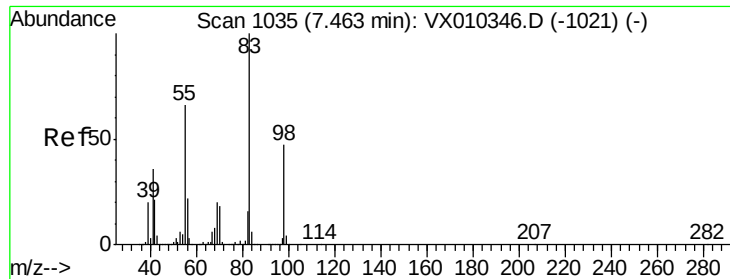


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

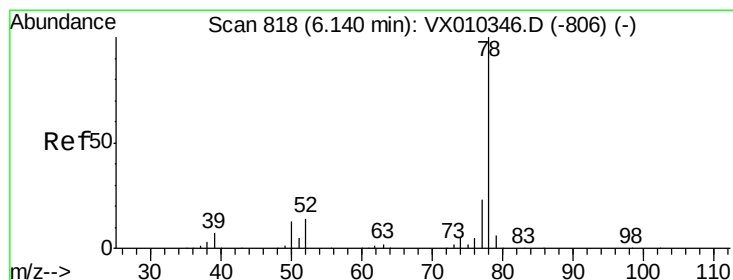
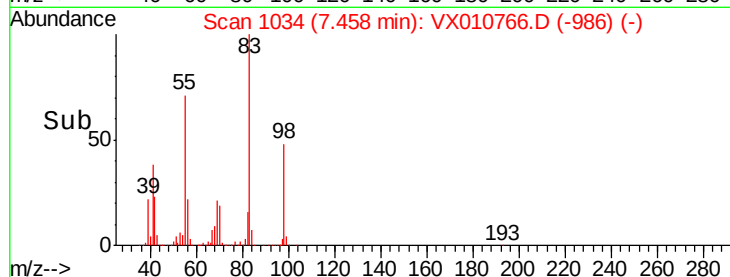
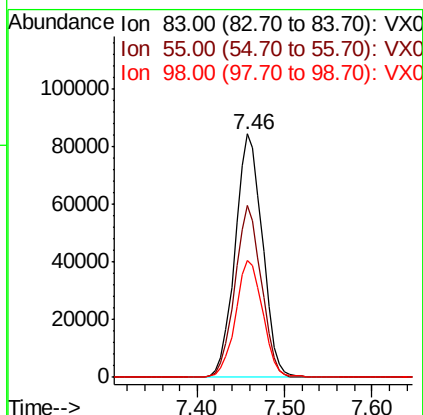
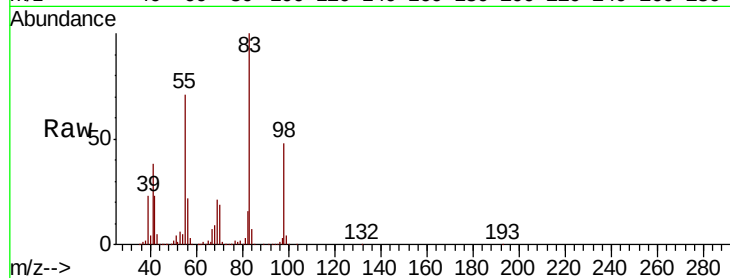




#39
Methylvlcyclohexane
Concen: 53.935 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

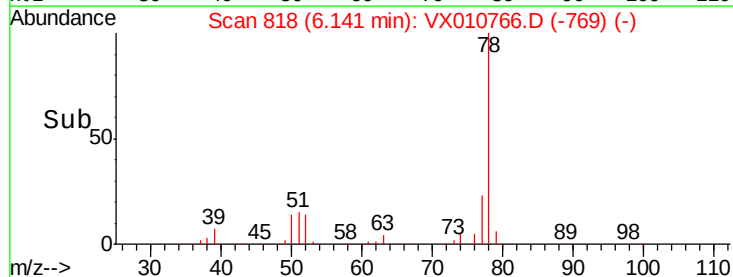
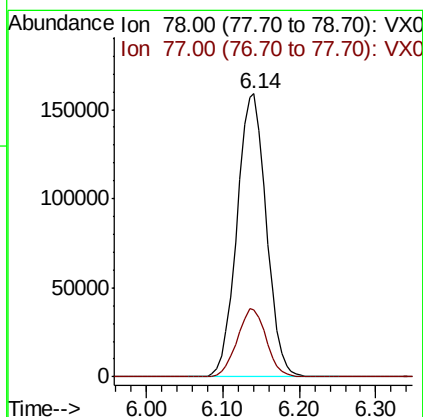
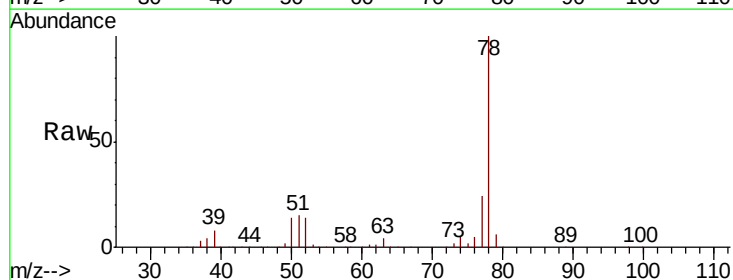
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

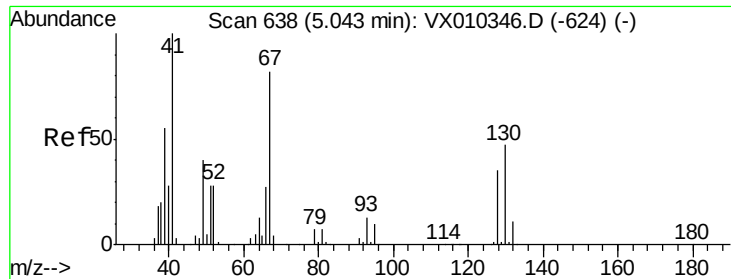
Tot Ion: 83 Resp: 182918
Ion Ratio Lower Upper
83 100
55 70.7 53.0 79.6
98 48.0 37.8 56.8



#40
Benzene
Concen: 52.543 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Tgt Ion: 78 Resp: 422351
Ion Ratio Lower Upper
78 100
77 23.6 18.6 28.0





#41

Methacrylonitrile

Concen: 52.363 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 76260

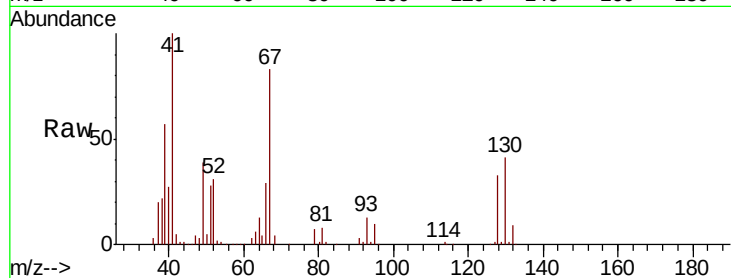
Ion Ratio Lower Upper

41 100

39 55.0 43.8 65.8

67 81.5 66.6 100.0

52 30.8 24.5 36.7

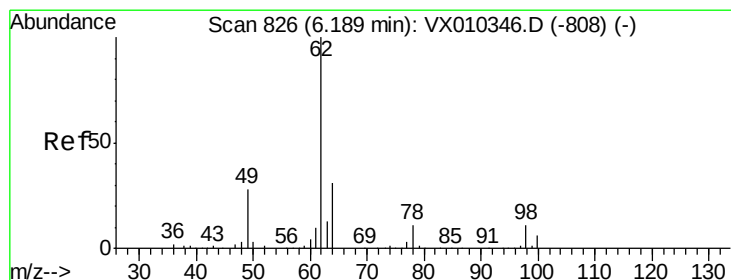
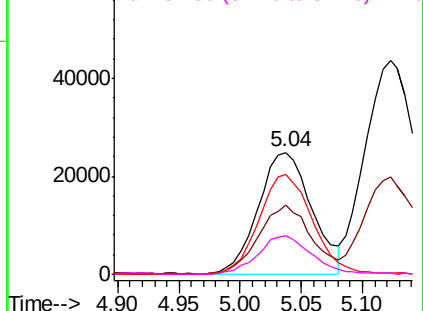
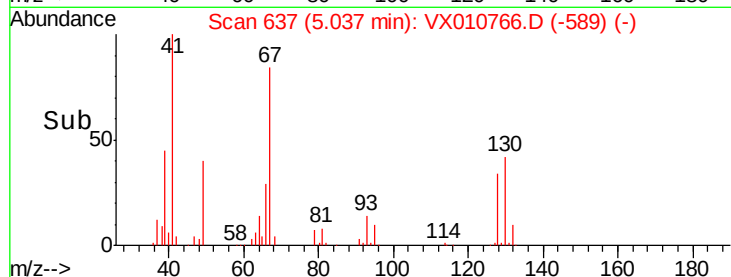


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 56.356 ug/l

RT: 6.18 min Scan# 825

Delta R.T. -0.01 min

Lab File: VX010766.D

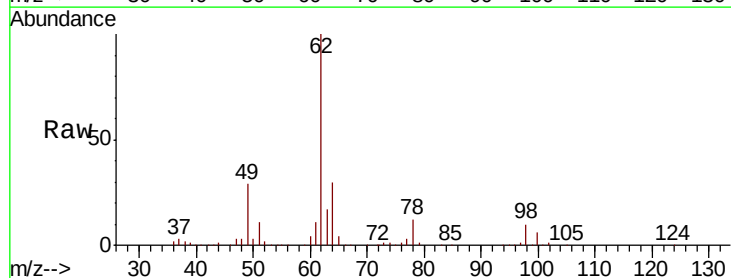
Acq: 10 Jul 2019 09:52

Tgt Ion: 62 Resp: 137894

Ion Ratio Lower Upper

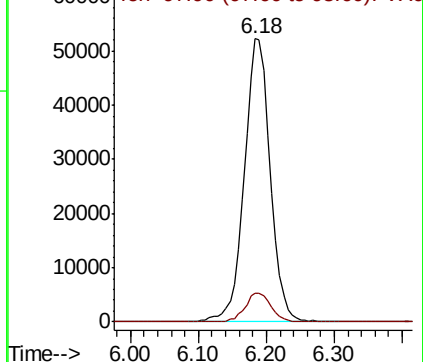
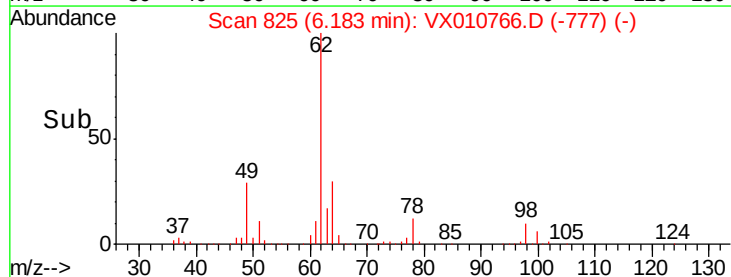
62 100

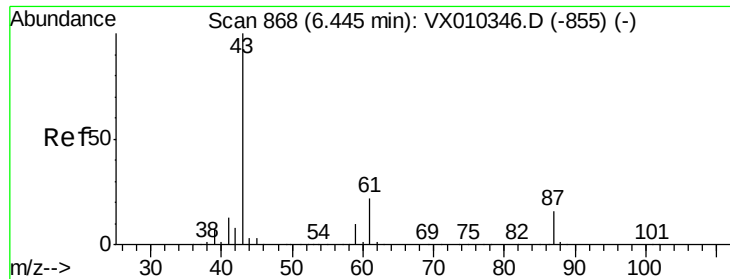
98 10.2 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.258 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

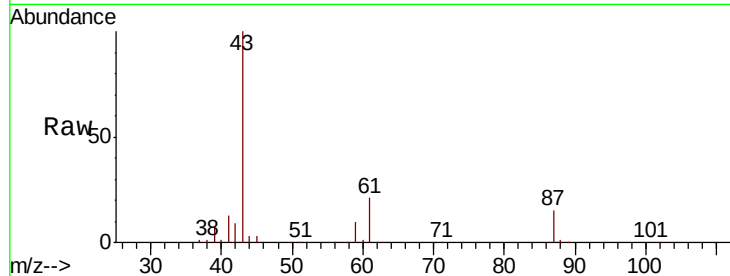
Tot Ion: 43 Resp: 229489

Ion Ratio Lower Upper

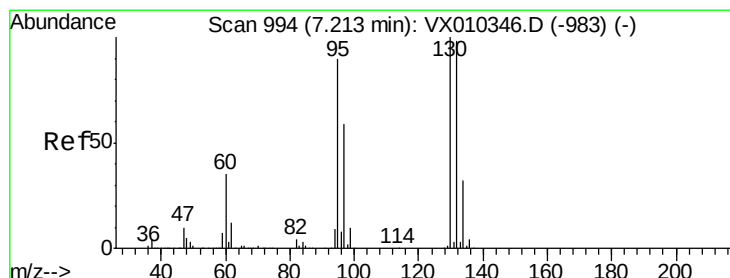
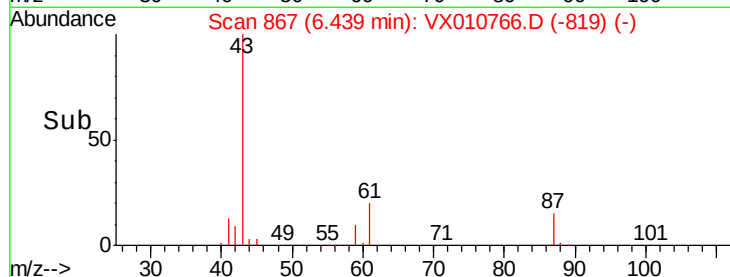
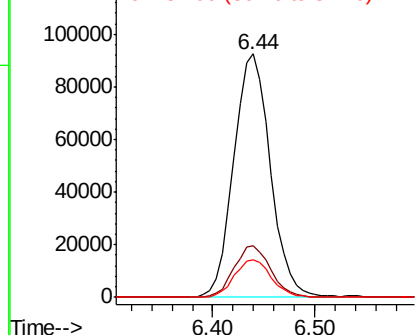
43 100

61 21.3 17.8 26.6

87 15.7 13.0 19.4



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: 51.672 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX010766.D

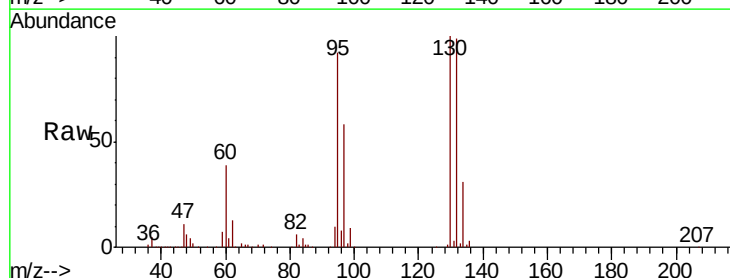
Acq: 10 Jul 2019 09:52

Tgt Ion:130 Resp: 124285

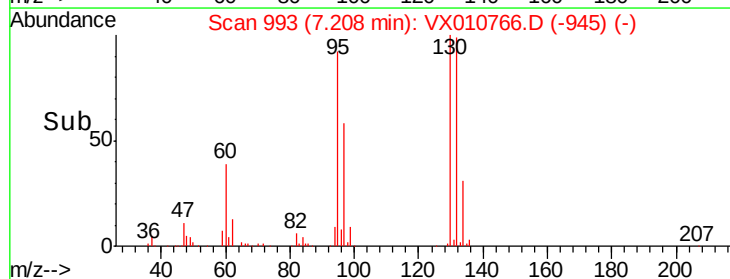
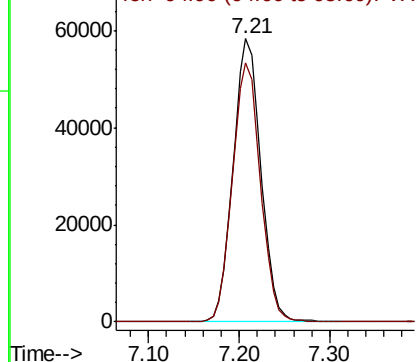
Ion Ratio Lower Upper

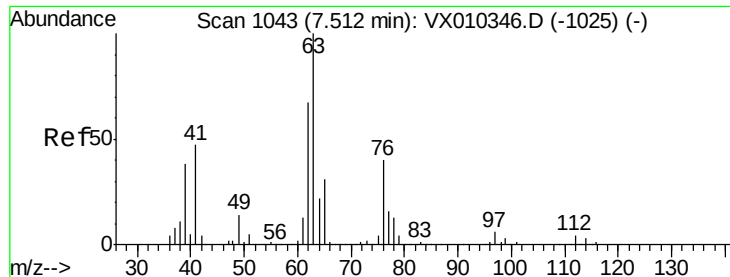
130 100

95 91.7 0.0 180.8



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

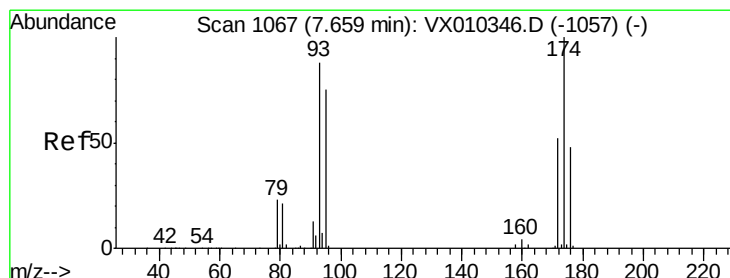
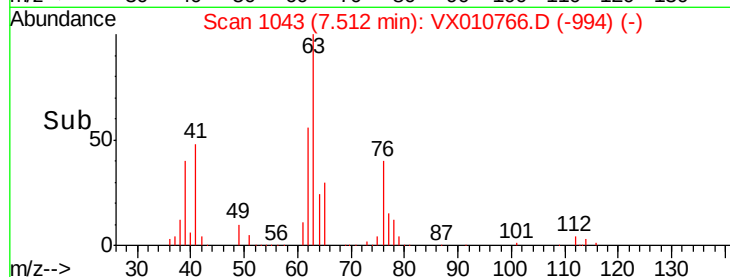
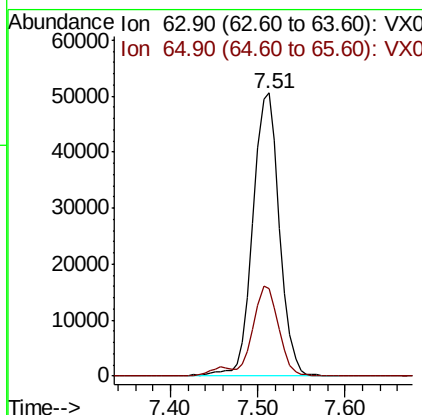
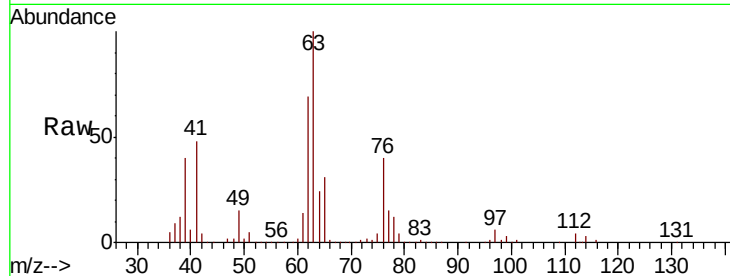




#45
 1,2-Dichloropropane
 Concen: 52.473 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

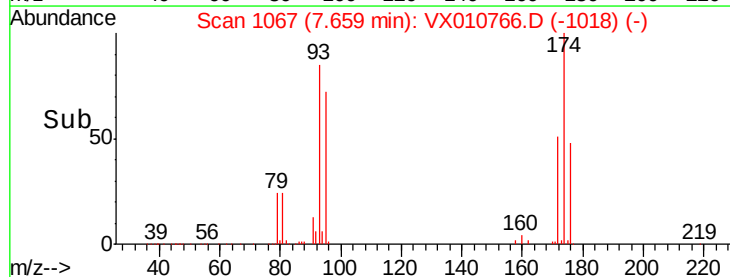
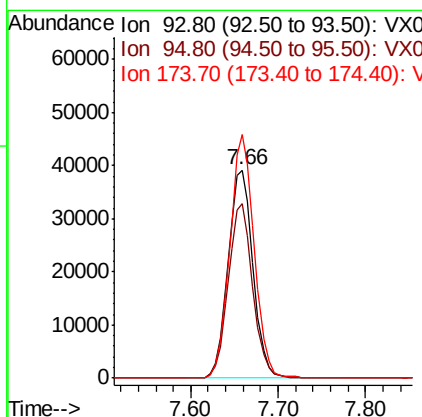
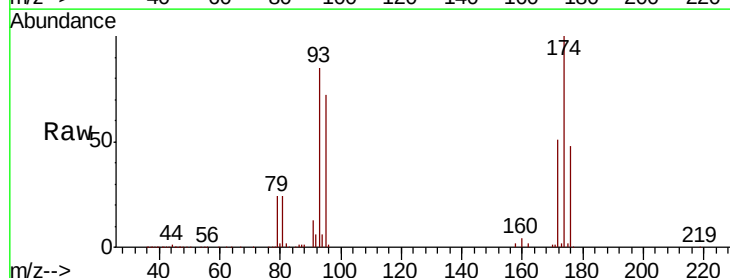
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

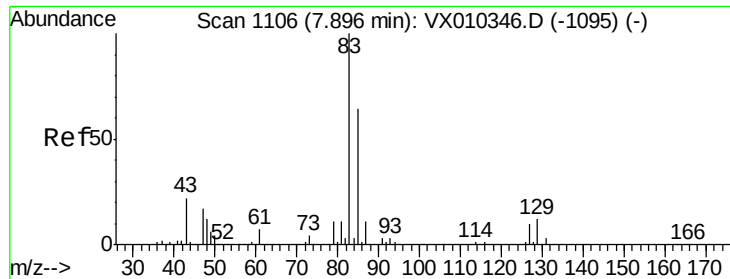
Tot Ion: 63 Resp: 106514
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.8 37.2



#46
 Dibromomethane
 Concen: 53.189 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

Tgt Ion: 93 Resp: 77464
 Ion Ratio Lower Upper
 93 100
 95 82.4 67.5 101.3
 174 114.4 95.8 143.6





#47

Bromodichloromethane

Concen: 52.603 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

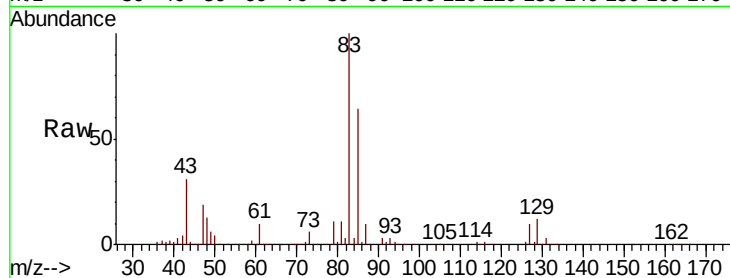
Tot Ion: 83 Resp: 140397

Ion Ratio Lower Upper

83 100

85 63.6 51.5 77.3

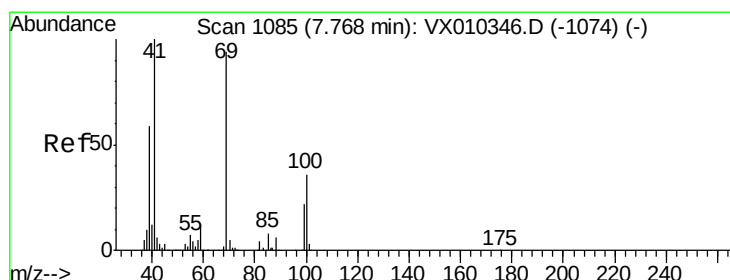
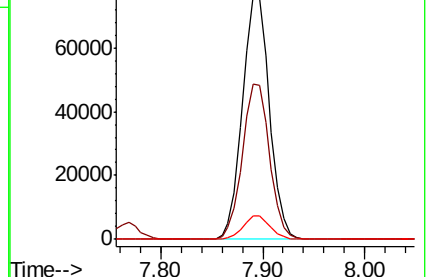
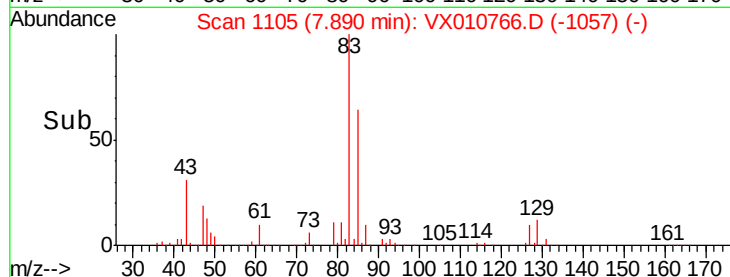
127 9.5 7.8 11.8



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: 54.308 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

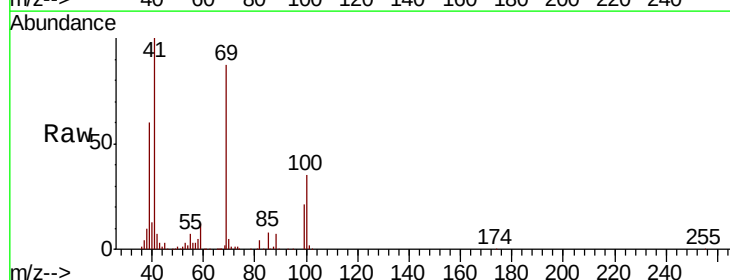
Tgt Ion: 41 Resp: 110855

Ion Ratio Lower Upper

41 100

69 92.2 76.1 114.1

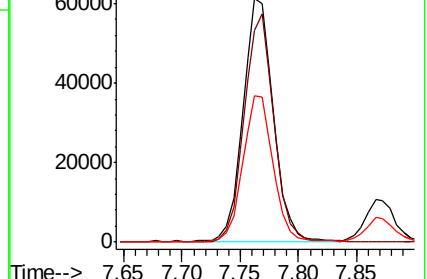
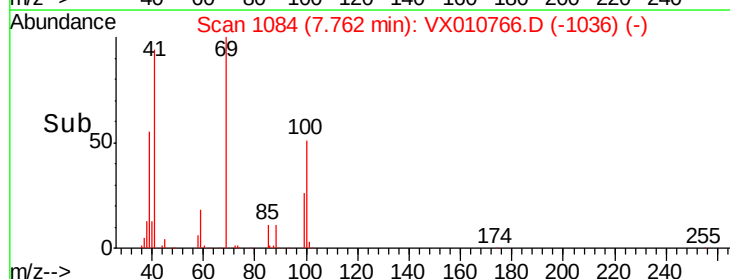
39 59.8 47.6 71.4

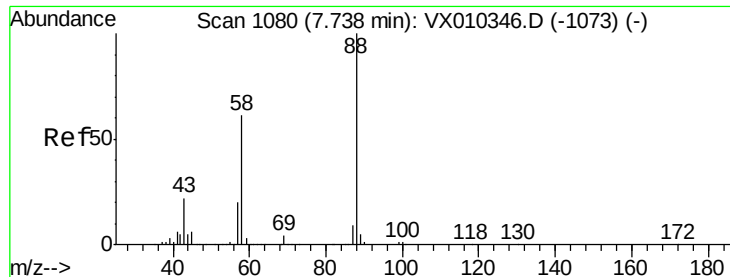


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 976.708 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

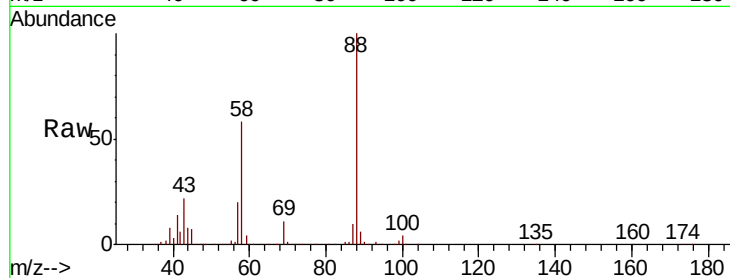
Tot Ion: 88 Resp: 57433

Ion Ratio Lower Upper

88 100

43 27.1 20.2 30.2

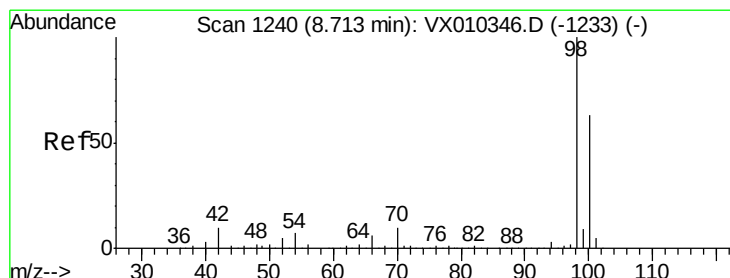
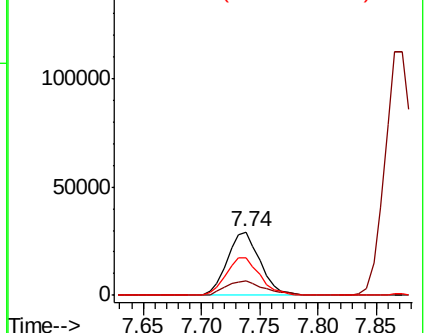
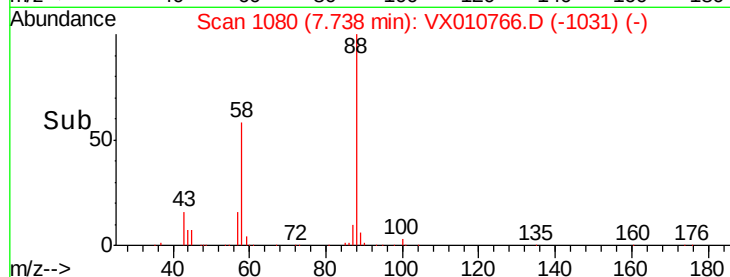
58 61.6 49.5 74.3



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: 46.788 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010766.D

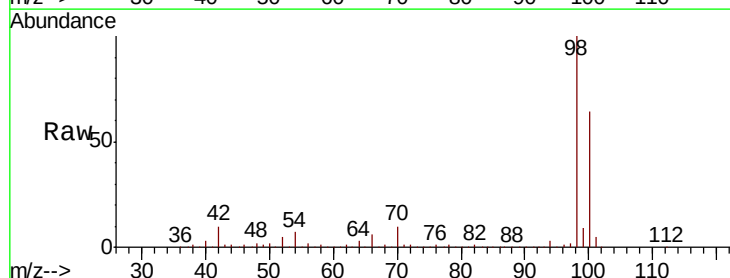
Acq: 10 Jul 2019 09:52

Tgt Ion: 98 Resp: 355591

Ion Ratio Lower Upper

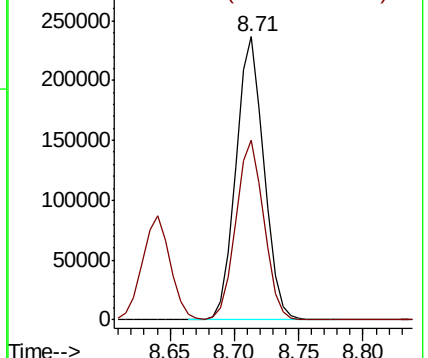
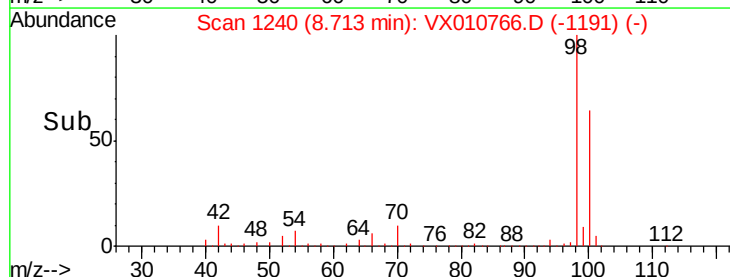
98 100

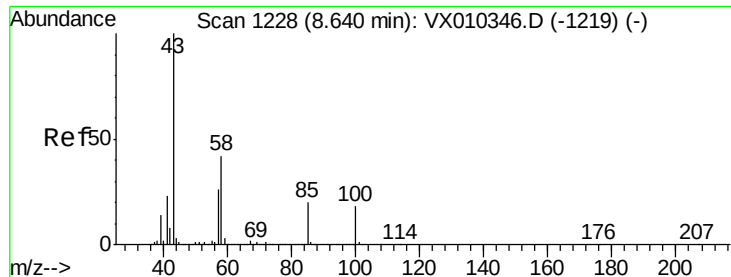
100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 268.256 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

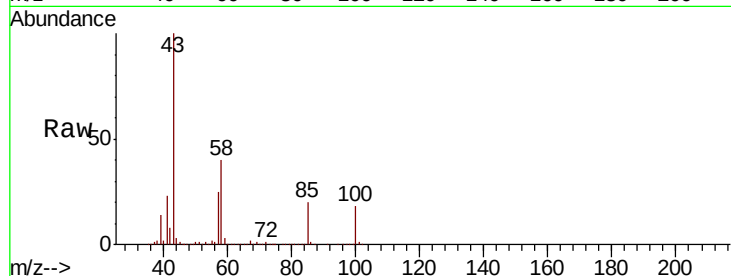
VSTDCCC050

Tot Ion: 43 Resp: 753433

Ion Ratio Lower Upper

43 100

58 40.9 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

500000

400000

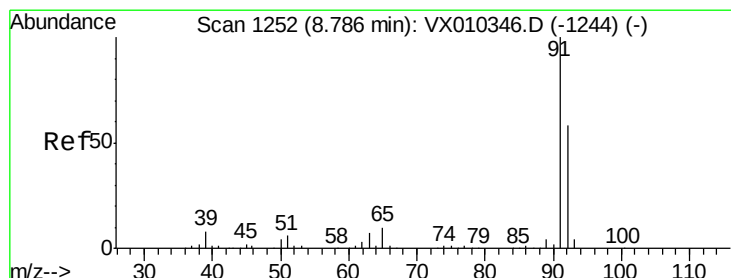
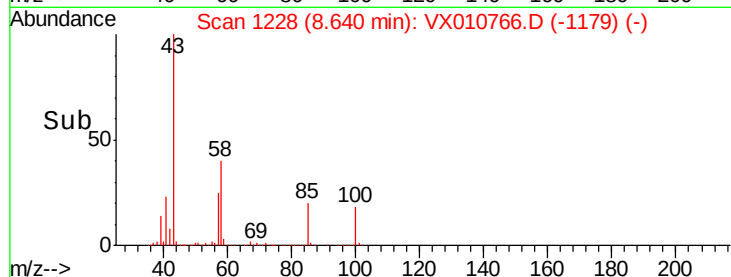
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.861 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010766.D

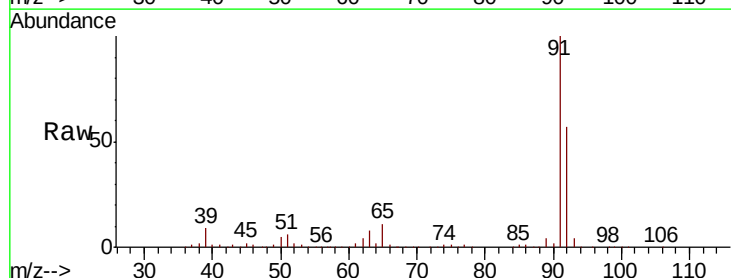
Acq: 10 Jul 2019 09:52

Tgt Ion: 92 Resp: 279820

Ion Ratio Lower Upper

92 100

91 174.1 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

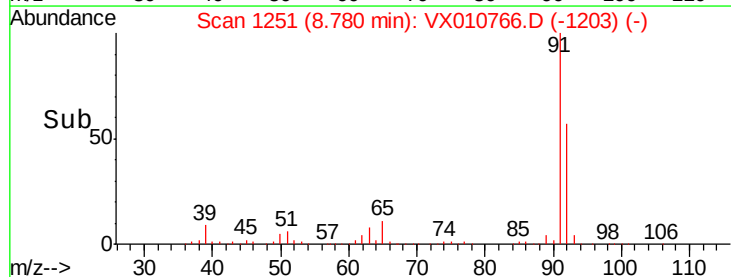
300000

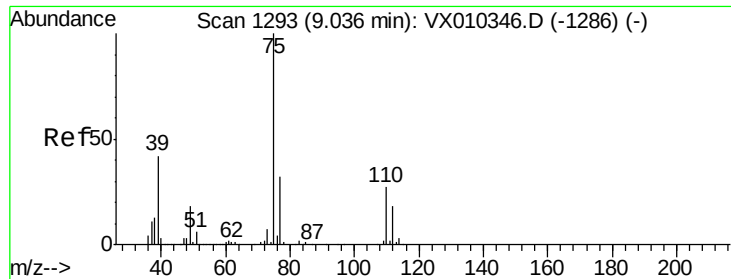
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 52.049 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

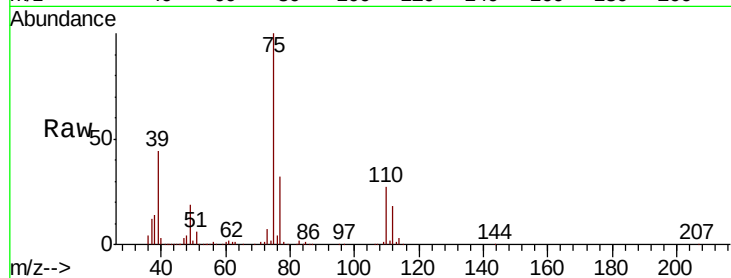
VSTDCCC050

Tot Ion: 75 Resp: 155749

Ion Ratio Lower Upper

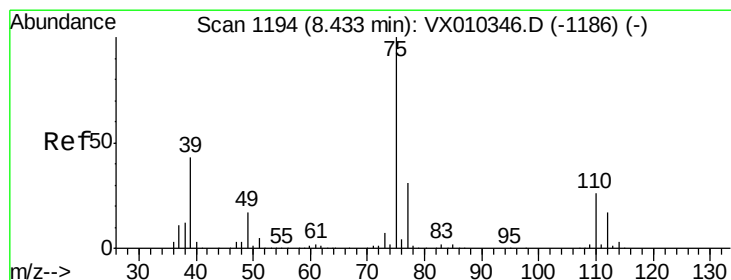
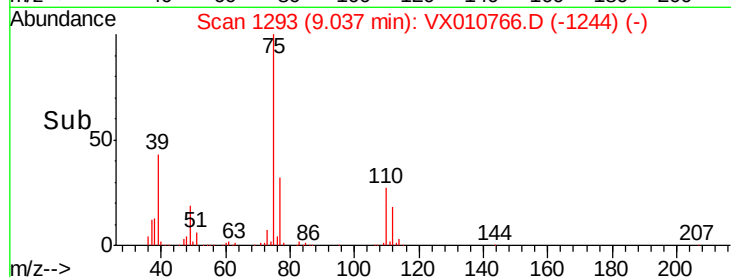
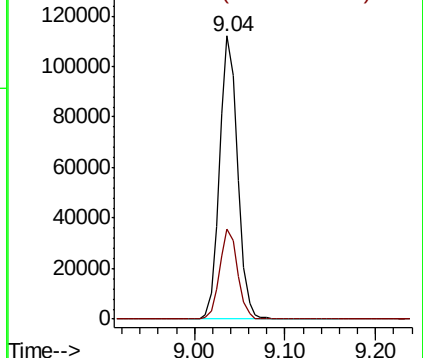
75 100

77 31.6 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 52.904 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

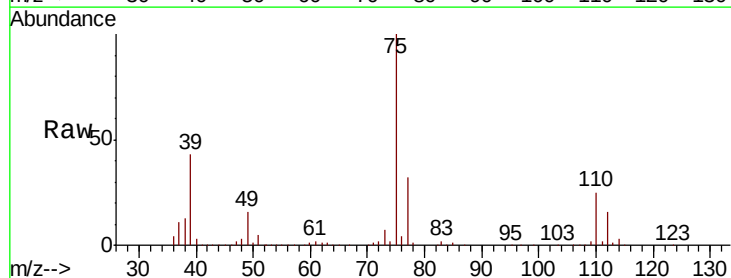
Tgt Ion: 75 Resp: 172035

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

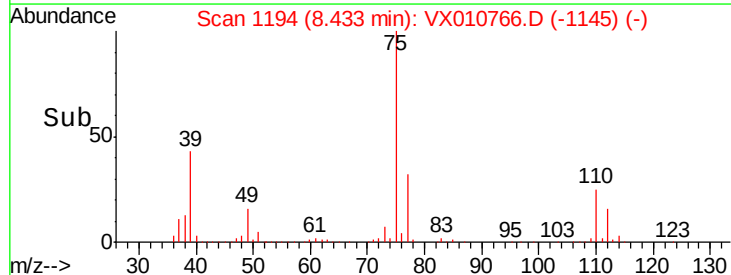
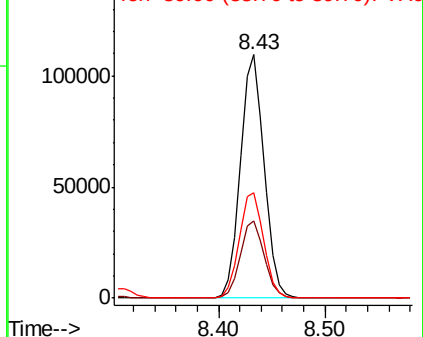
39 43.1 34.5 51.7

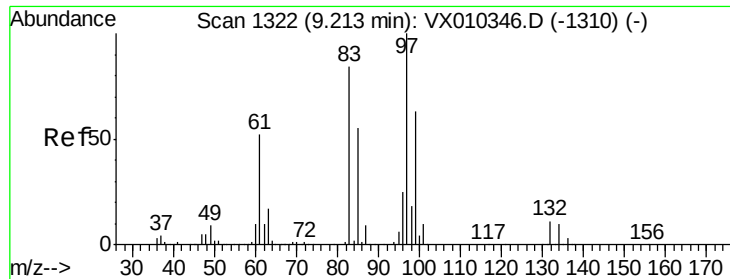


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



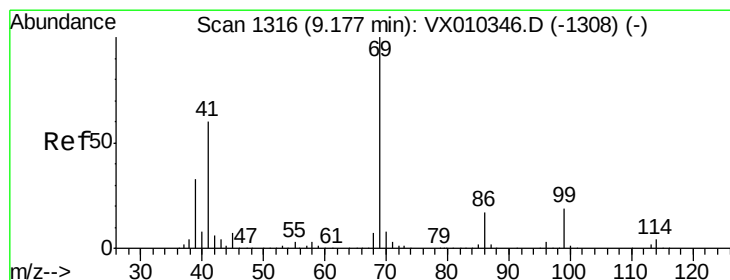
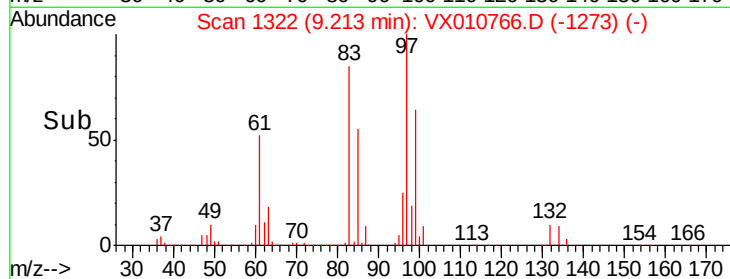
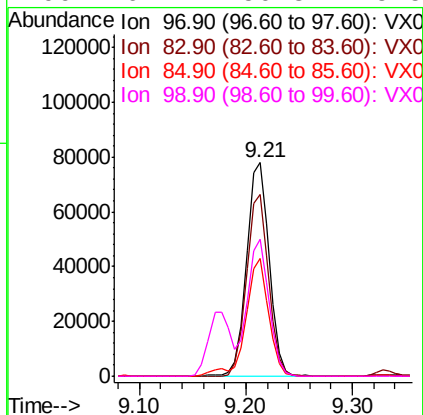
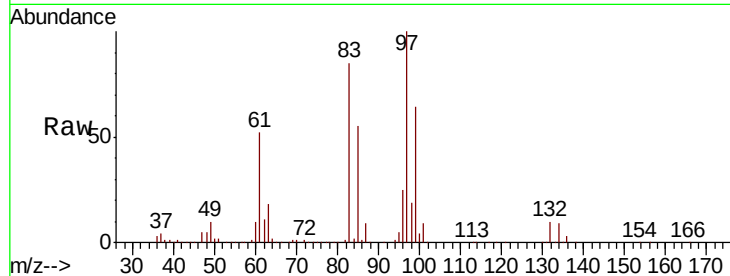


#55
 1,1,2-Trichloroethane
 Concen: 53.254 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 116262

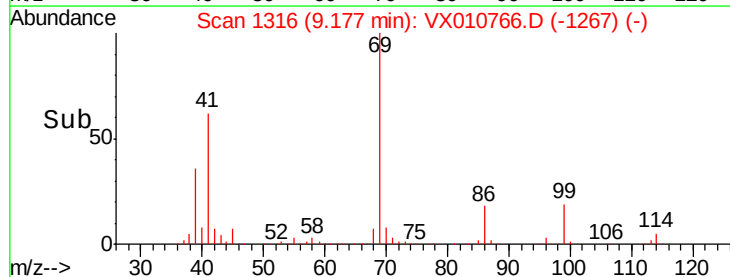
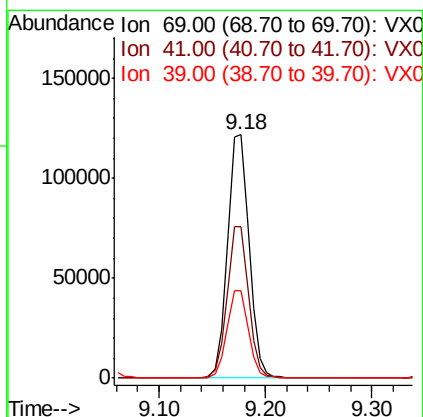
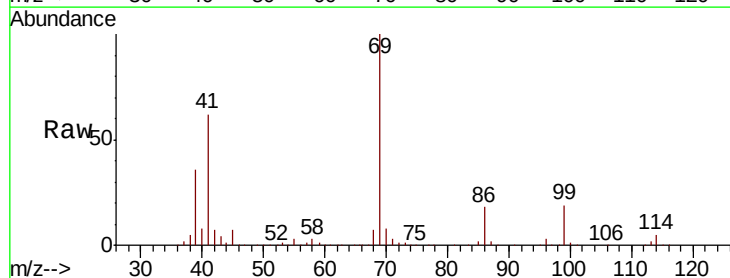
Ion	Ratio	Lower	Upper
97	100		
83	85.2	67.4	101.0
85	54.9	43.8	65.8
99	64.1	50.3	75.5

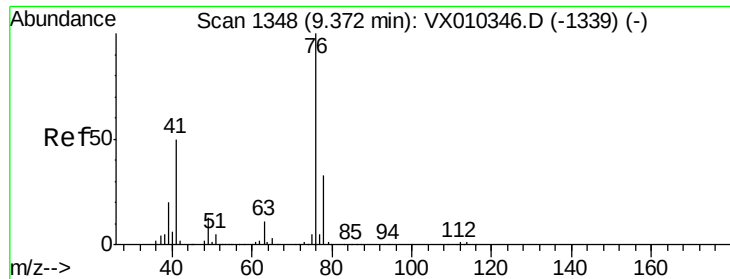


#56
 Ethyl methacrylate
 Concen: 52.794 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

Tgt Ion: 69 Resp: 174597

Ion	Ratio	Lower	Upper
69	100		
41	61.2	47.1	70.7
39	35.6	26.6	40.0

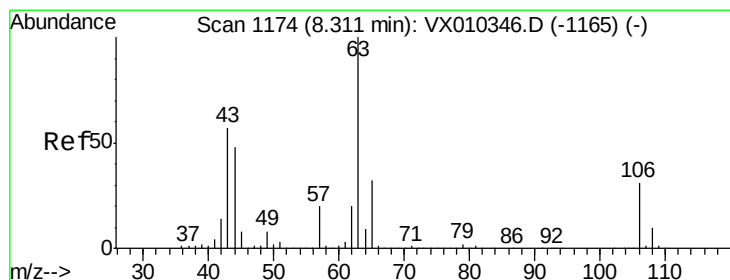
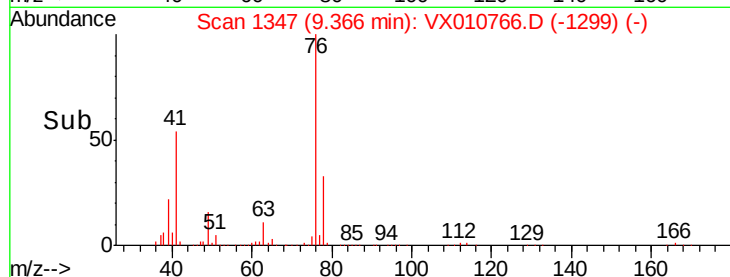
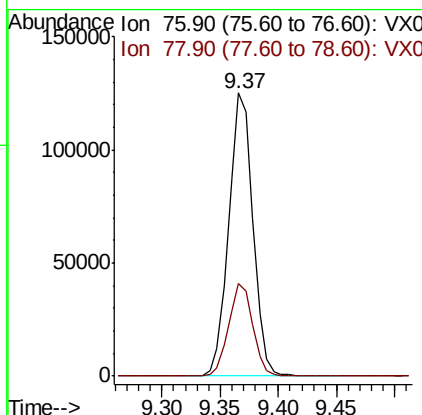
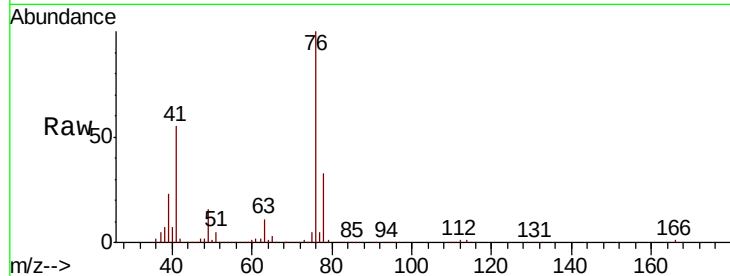




#57
 1,3-Dichloropropane
 Concen: 53.368 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

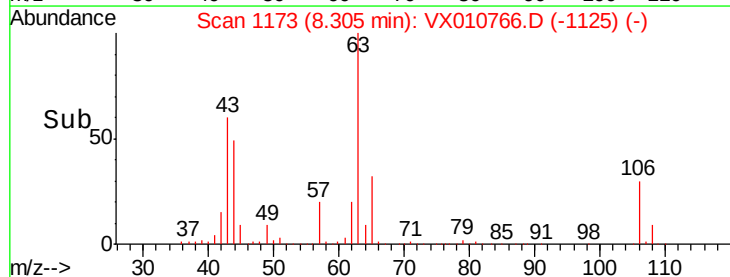
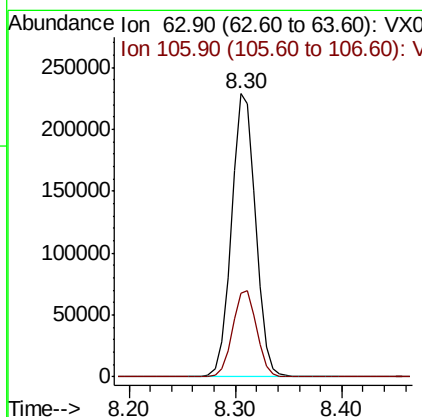
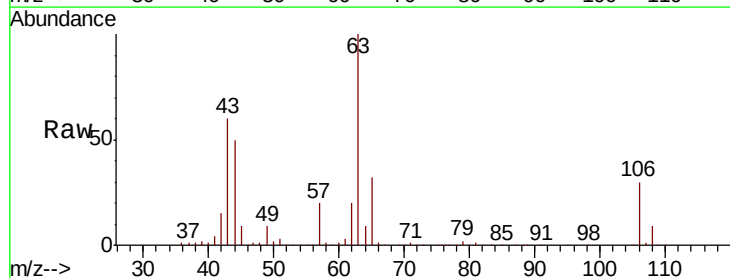
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

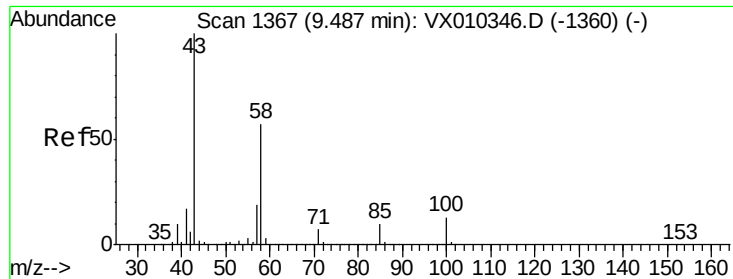
Tot Ion: 76 Resp: 180859
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 230.483 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

Tgt Ion: 63 Resp: 362011
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.7 37.1

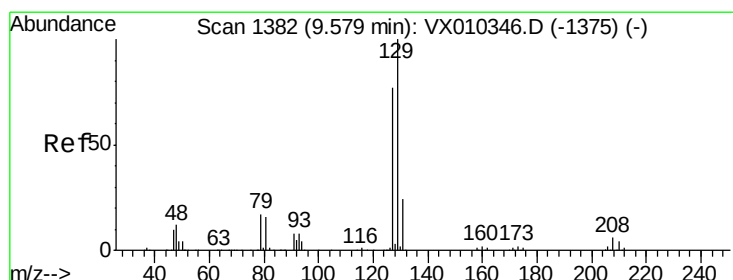
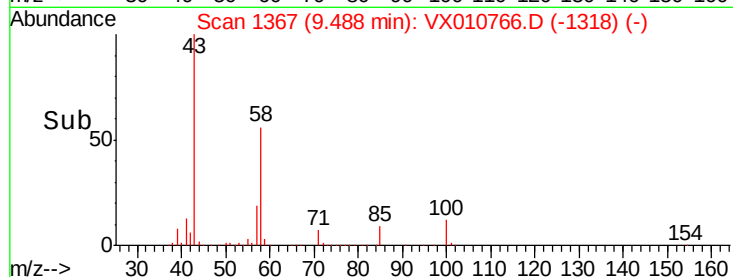
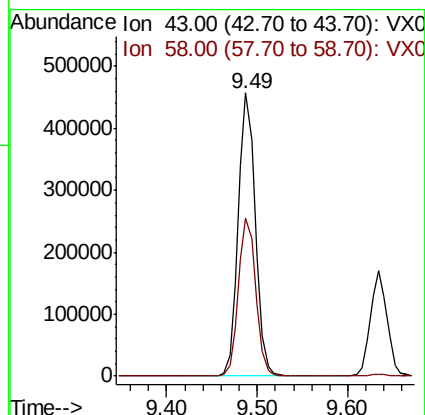
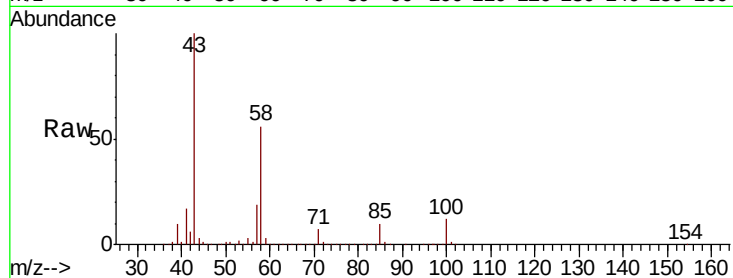




#59
2-Hexanone
Concen: 273.276 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

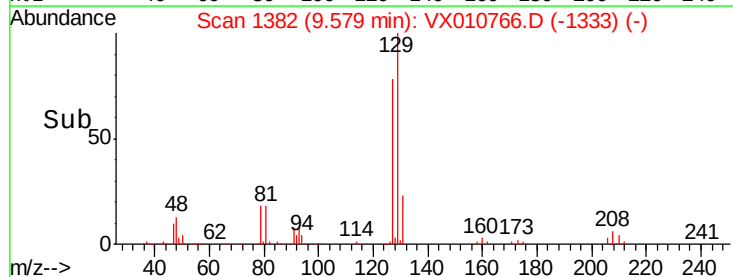
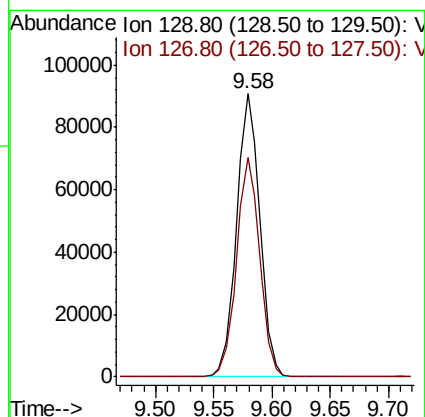
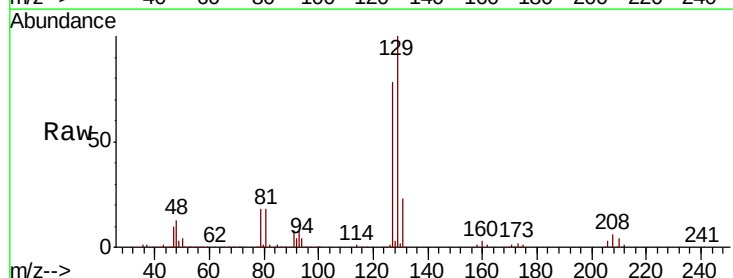
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

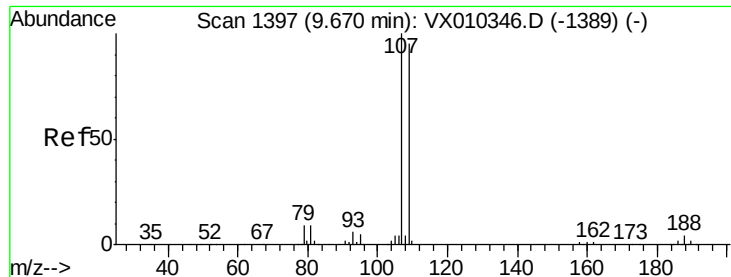
Tot Ion: 43 Resp: 604075
Ion Ratio Lower Upper
43 100
58 56.6 29.0 87.1



#60
Dibromochloromethane
Concen: 51.738 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Tgt Ion:129 Resp: 126468
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.1





#61

1,2-Dibromoethane

Concen: 51.711 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

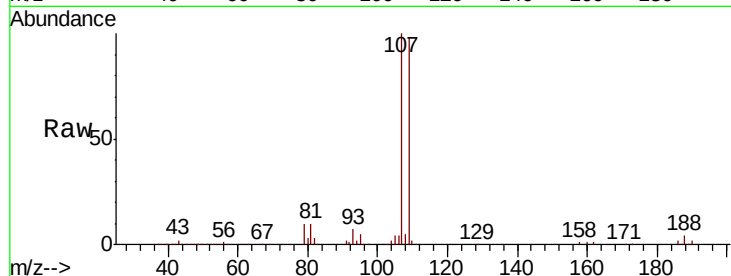
VSTDCCC050

Tot Ion: 107 Resp: 121855

Ion Ratio Lower Upper

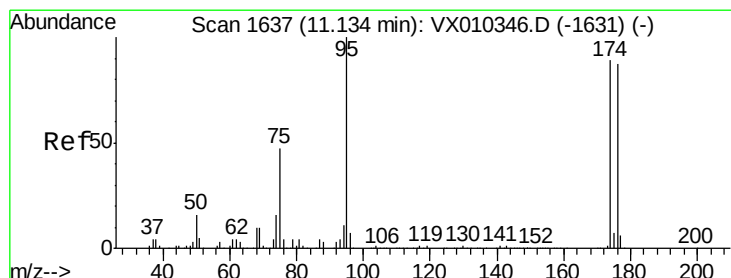
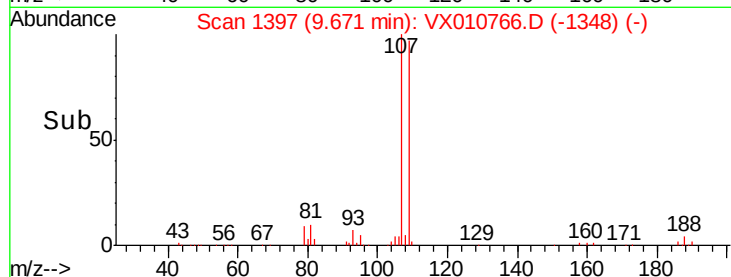
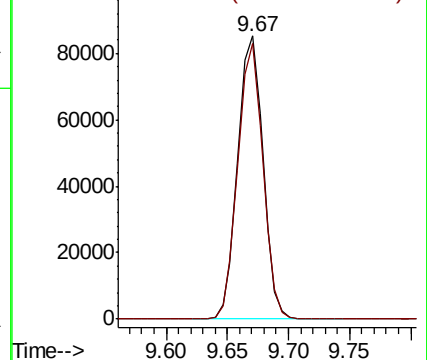
107 100

109 96.8 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.592 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

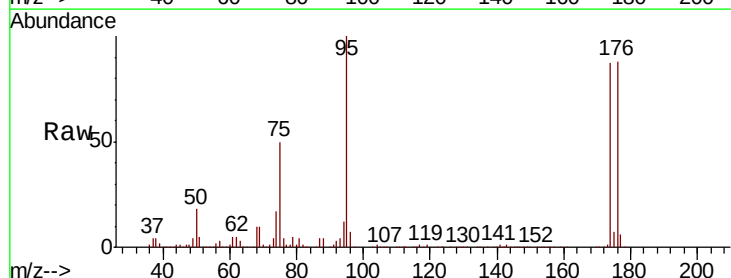
Tgt Ion: 95 Resp: 136071

Ion Ratio Lower Upper

95 100

174 92.2 0.0 187.6

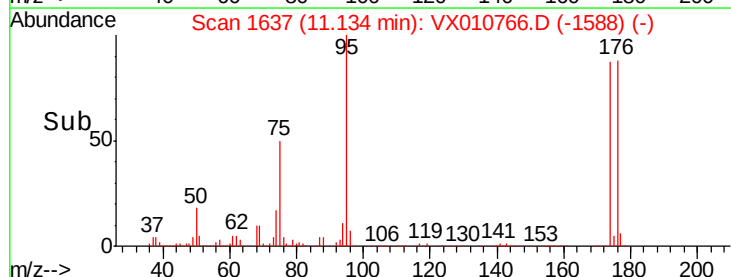
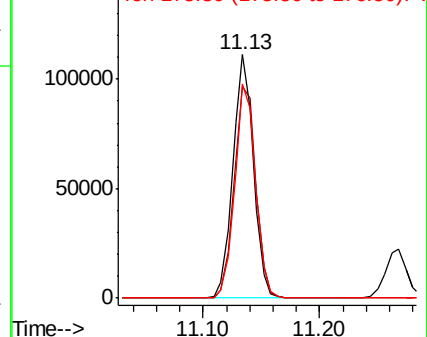
176 88.9 0.0 184.0

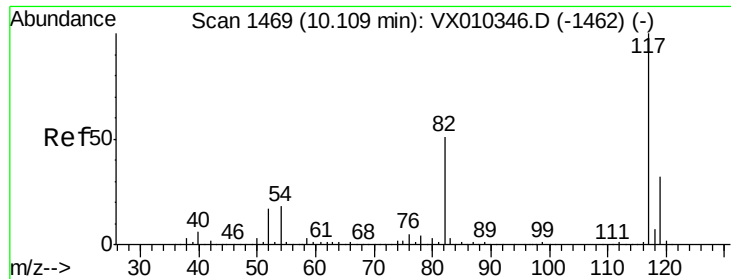


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

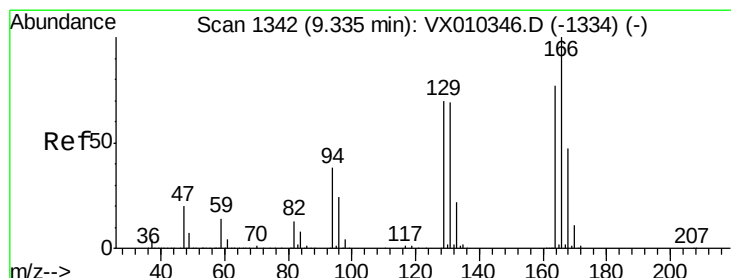
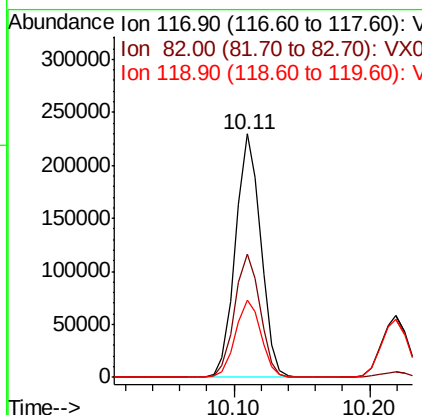
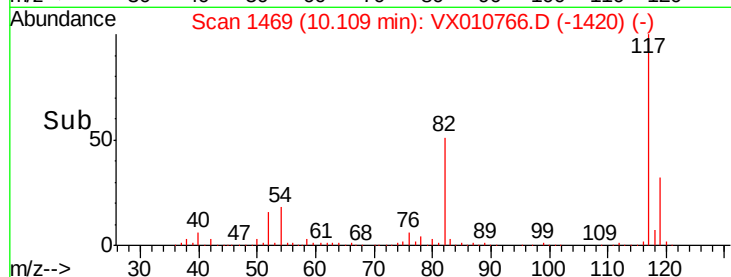
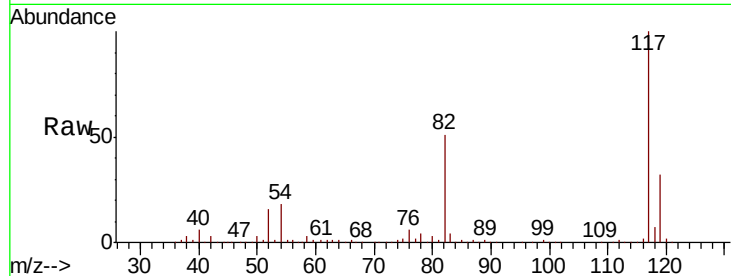




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

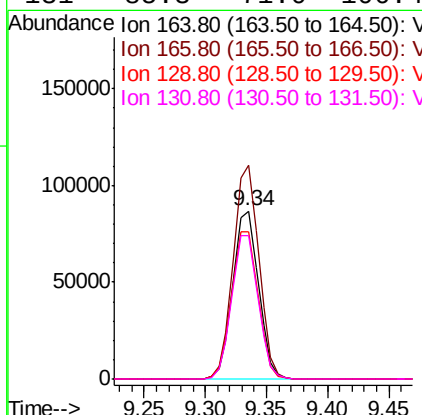
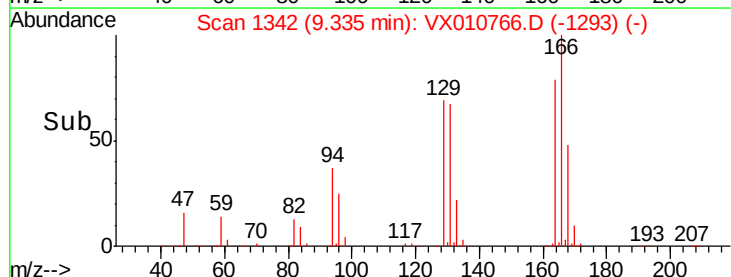
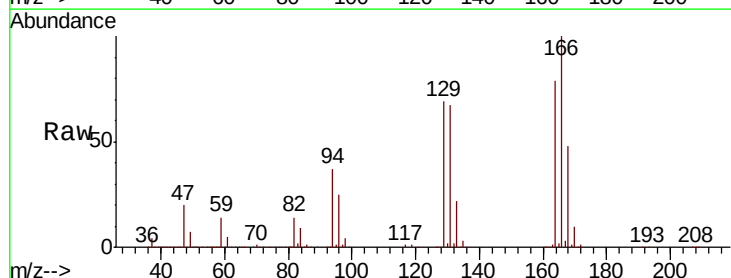
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

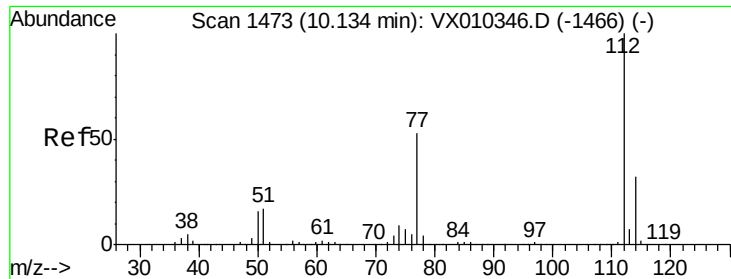
Tot Ion:117 Resp: 297504
Ion Ratio Lower Upper
117 100
82 50.5 41.2 61.8
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 52.455 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Tgt Ion:164 Resp: 126223
Ion Ratio Lower Upper
164 100
166 127.2 103.6 155.4
129 88.1 73.0 109.4
131 85.3 71.0 106.4

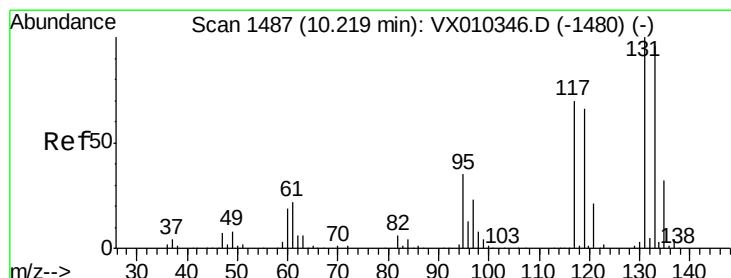
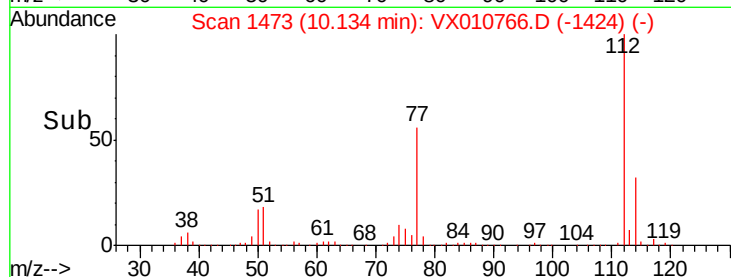
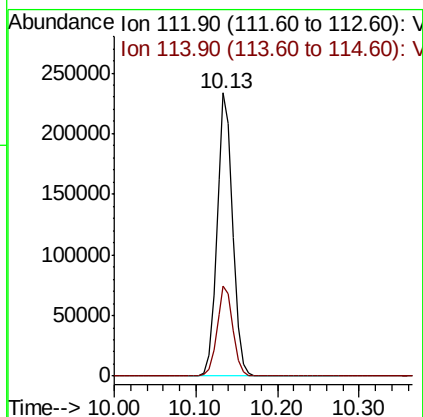
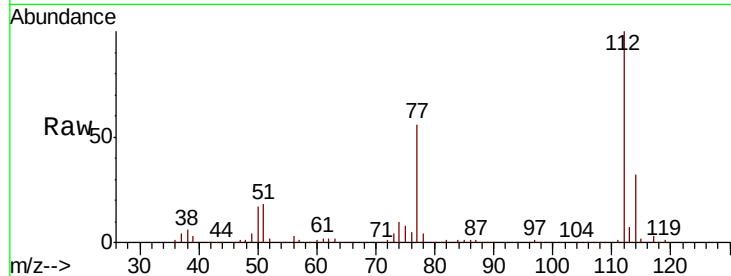




#65
Chlorobenzene
Concen: 52.135 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

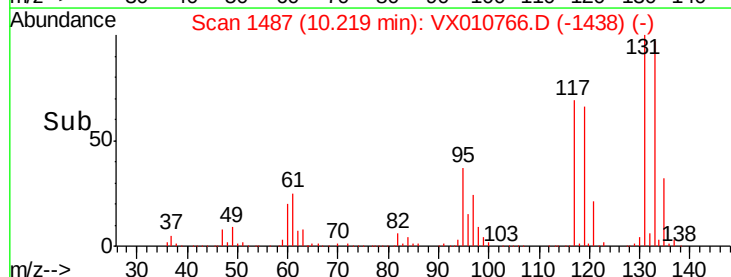
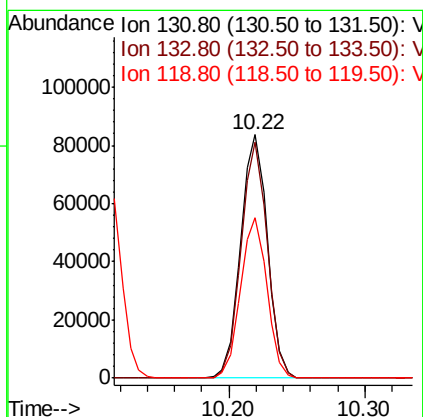
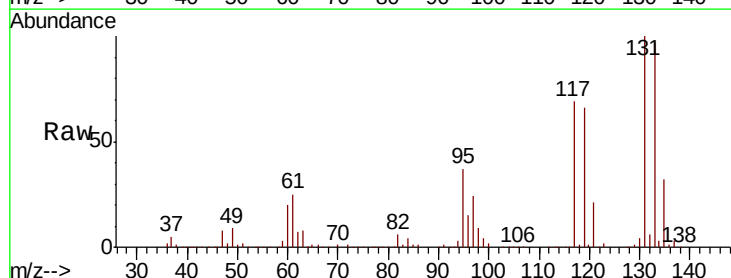
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

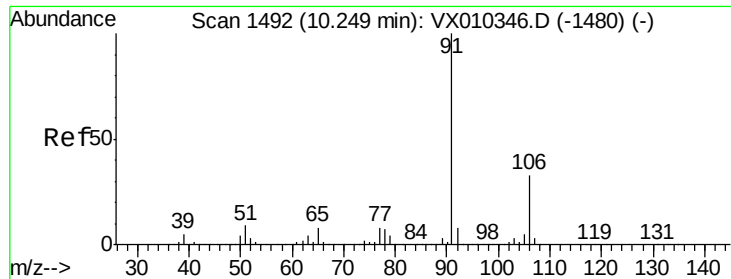
Tot Ion:112 Resp: 314891
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.352 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Tgt Ion:131 Resp: 115176
Ion Ratio Lower Upper
131 100
133 94.7 47.7 143.1
119 65.2 32.6 97.7

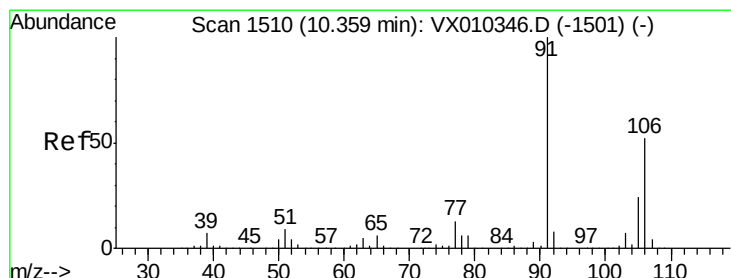
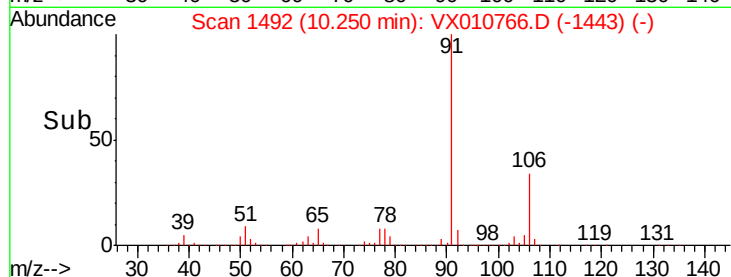
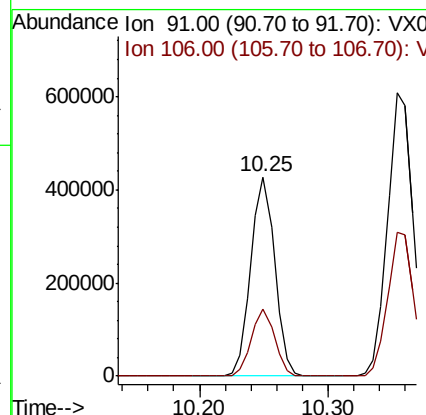
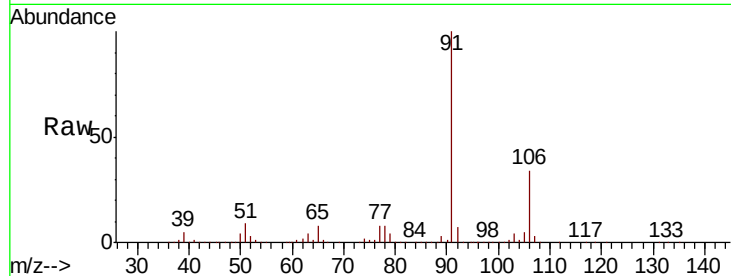




#67
Ethyl Benzene
Concen: 53.629 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

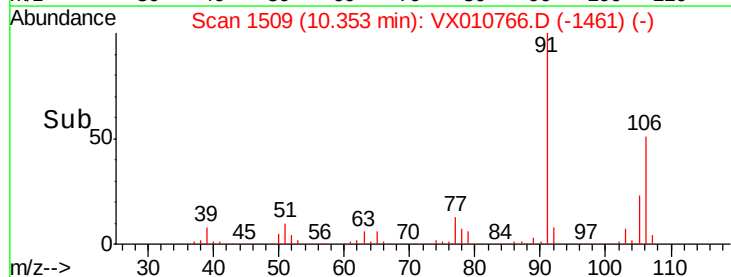
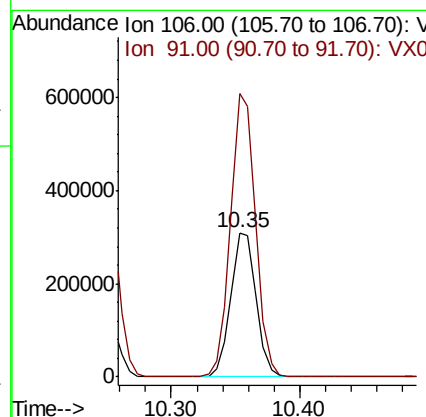
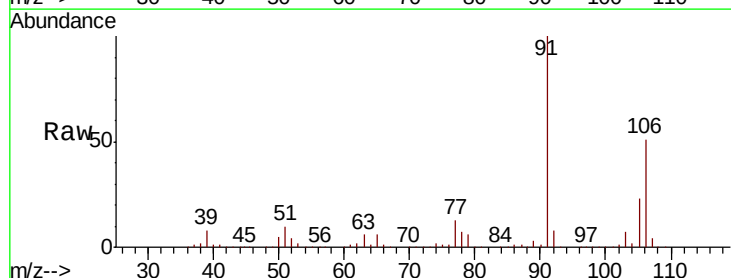
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

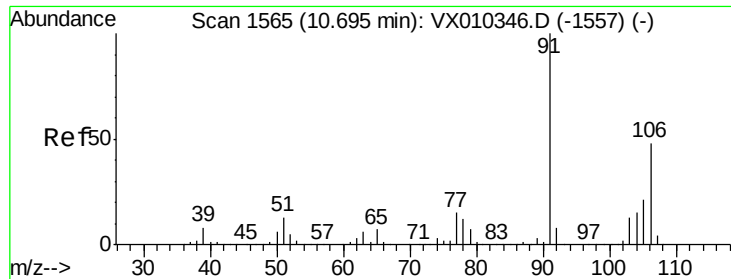
Tot Ion: 91 Resp: 546839
Ion Ratio Lower Upper
91 100
106 33.8 26.2 39.2



#68
m/p-Xylenes
Concen: 108.210 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Tgt Ion: 106 Resp: 427535
Ion Ratio Lower Upper
106 100
91 194.5 155.3 232.9

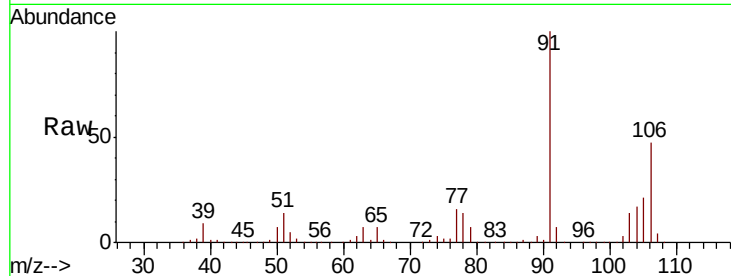




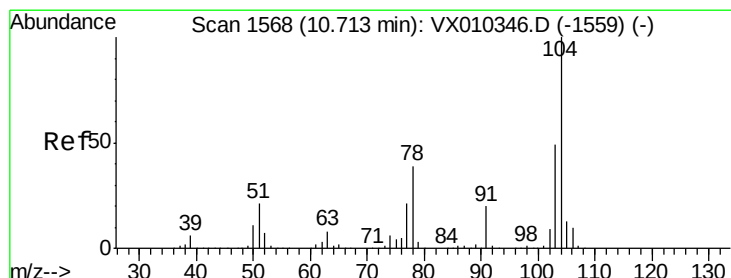
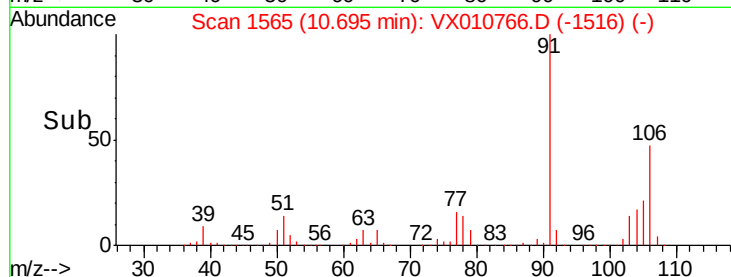
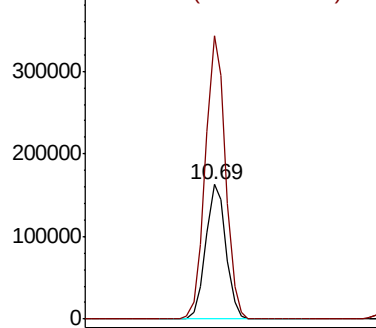
#69
o-Xylene
Concen: 52.673 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 204656
Ion Ratio Lower Upper
106 100
91 209.2 102.7 308.1

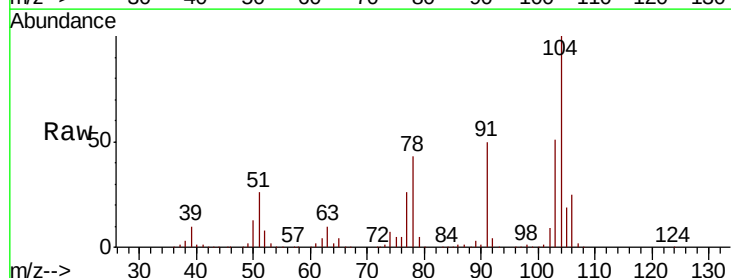


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

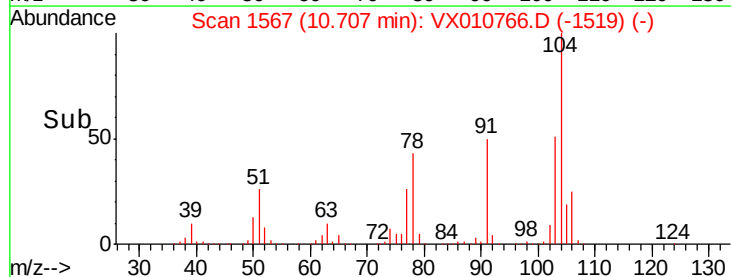
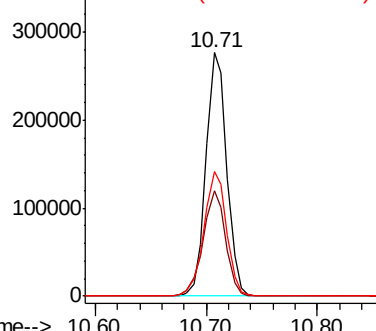


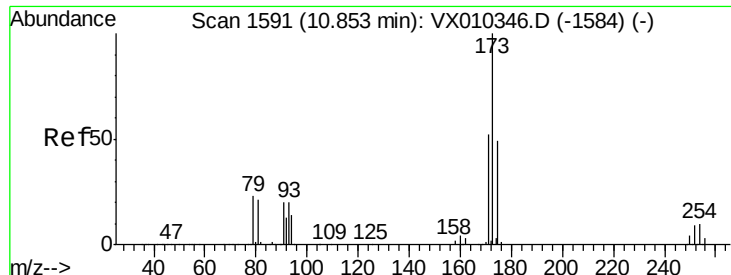
#70
Styrene
Concen: 54.693 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Tgt Ion:104 Resp: 356379
Ion Ratio Lower Upper
104 100
78 47.0 36.2 54.2
103 55.7 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 49.508 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

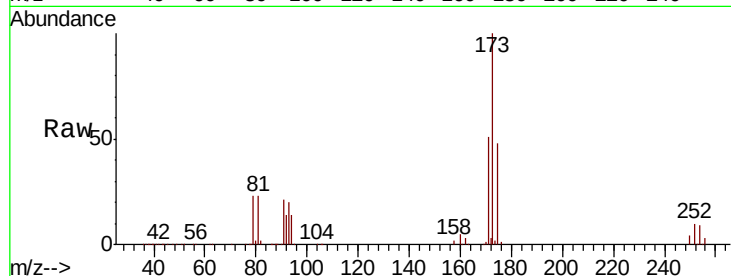
Tot Ion:173 Resp: 94719

Ion Ratio Lower Upper

173 100

175 49.2 24.1 72.3

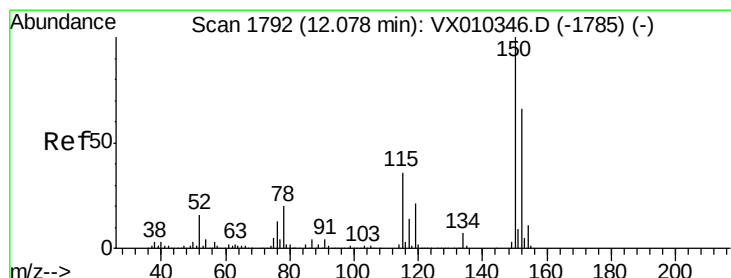
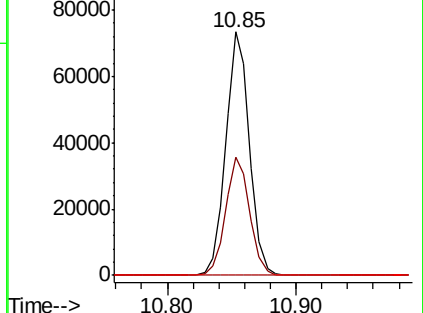
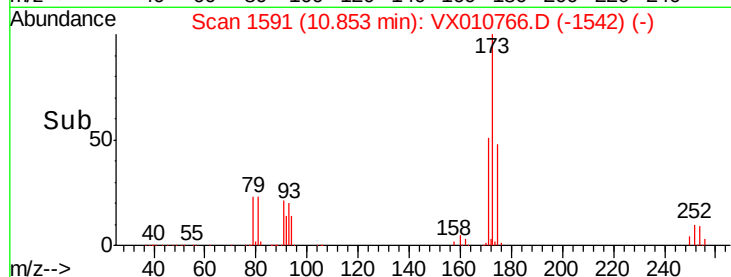
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

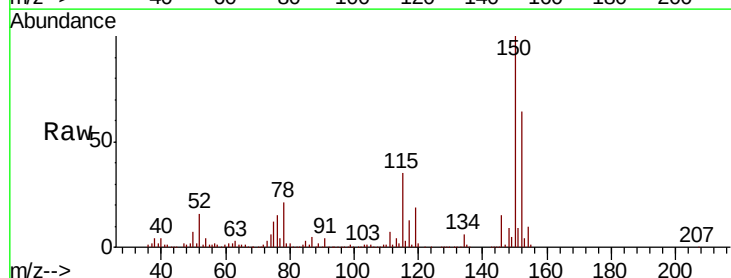
Tgt Ion:152 Resp: 161927

Ion Ratio Lower Upper

152 100

115 80.6 38.6 115.7

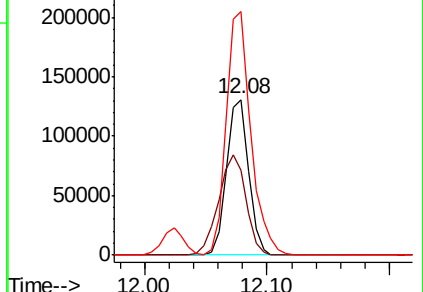
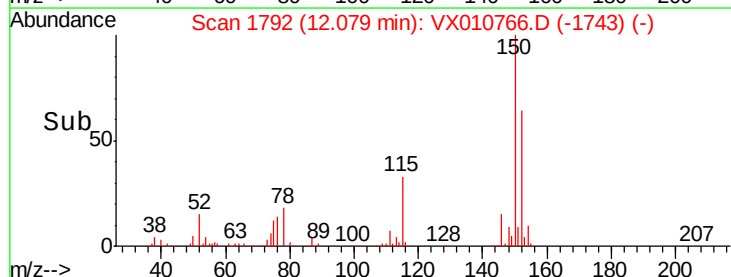
150 174.5 0.0 347.4

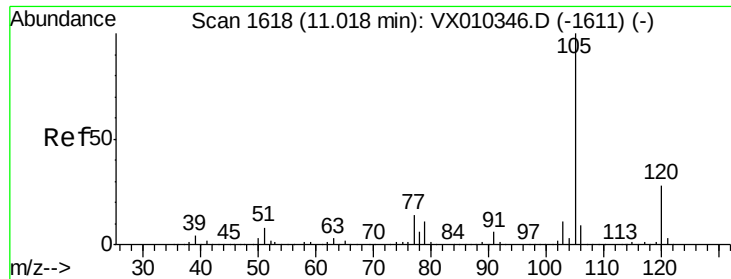


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.609 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

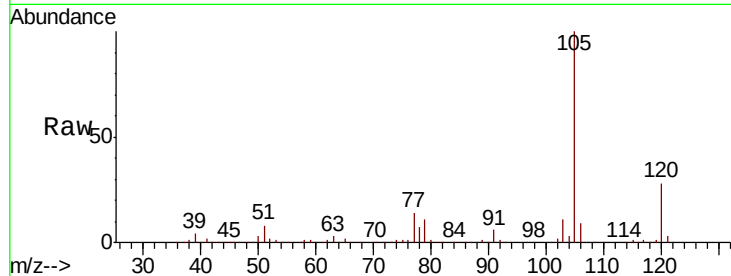
VSTDCCC050

Tot Ion:105 Resp: 55518

Ion Ratio Lower Upper

105 100

120 27.5 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

400000

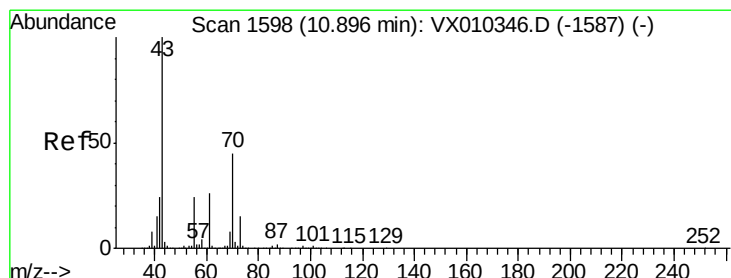
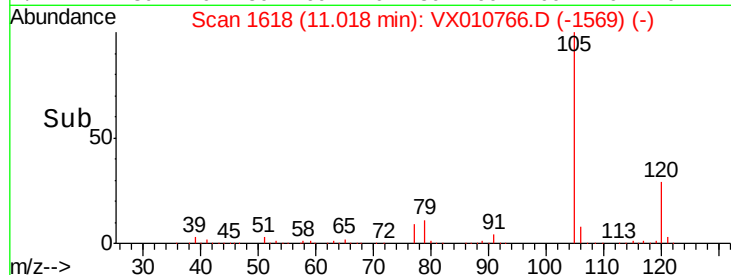
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 51.968 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Tgt Ion: 43 Resp: 215581

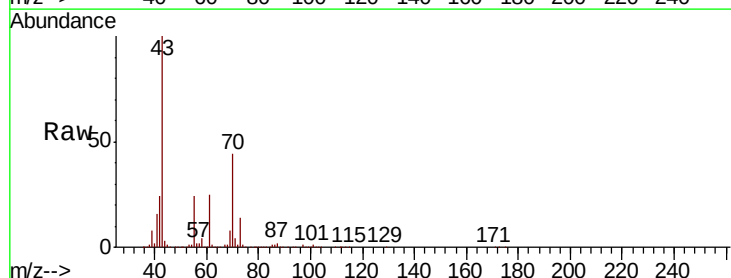
Ion Ratio Lower Upper

43 100

70 44.0 36.6 54.8

55 23.7 18.7 28.1

61 24.5 20.6 31.0



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

10.90

200000

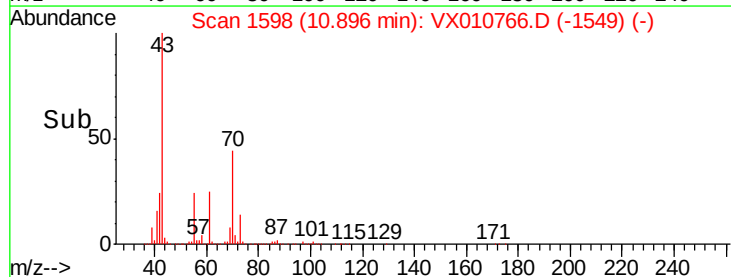
150000

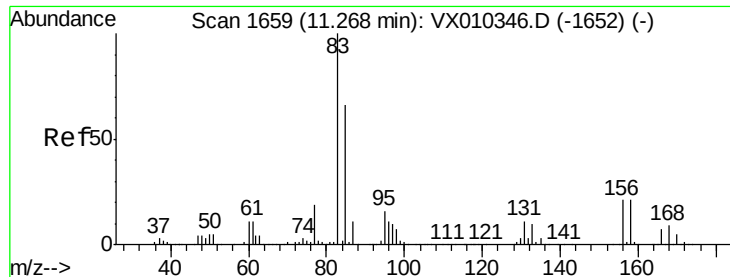
100000

50000

0

Time--> 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 48.642 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

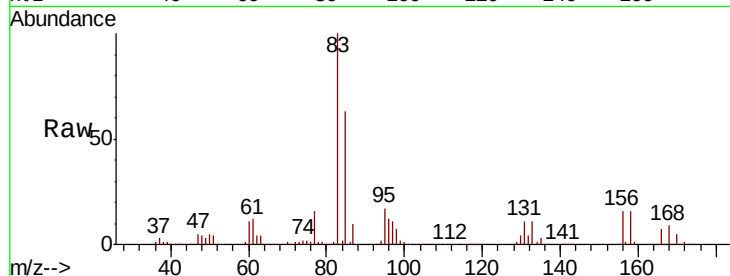
Tot Ion: 83 Resp: 176822

Ion Ratio Lower Upper

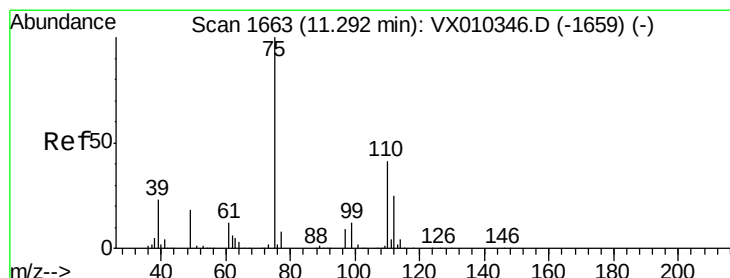
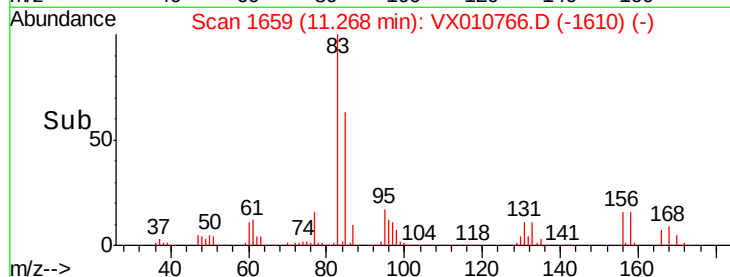
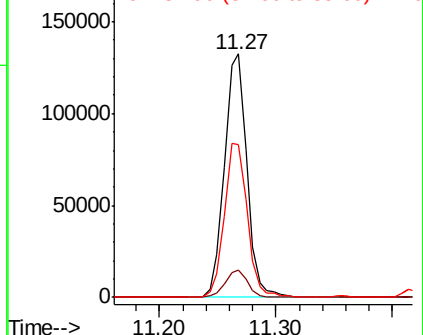
83 100

131 11.2 5.5 16.4

85 64.9 32.3 96.8



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



#76

1,2,3-Trichloropropane

Concen: 67.179 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010766.D

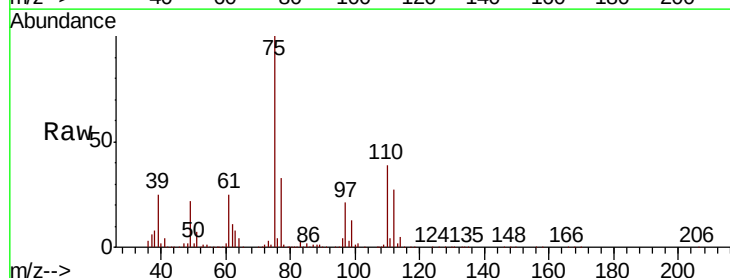
Acq: 10 Jul 2019 09:52

Tgt Ion: 75 Resp: 198226

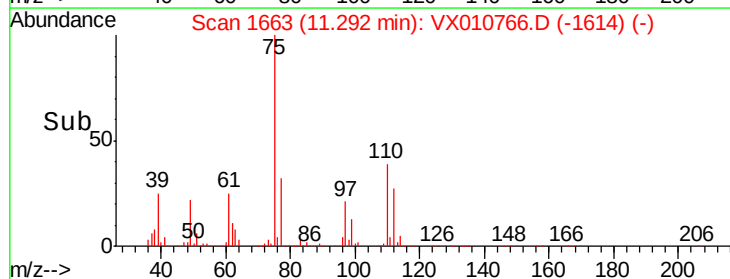
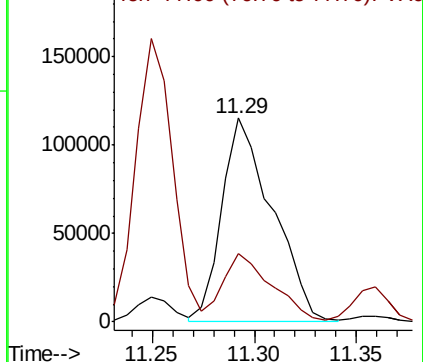
Ion Ratio Lower Upper

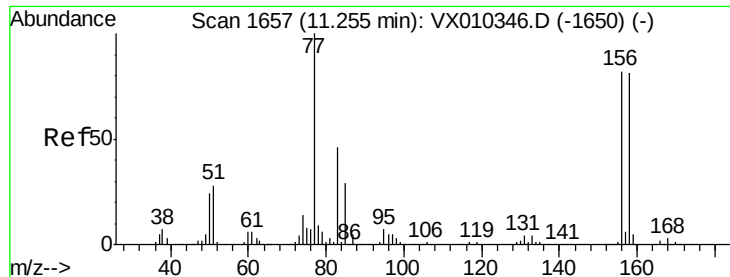
75 100

77 32.3 22.6 67.8



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





#77

Bromobenzene

Concen: 48.907 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

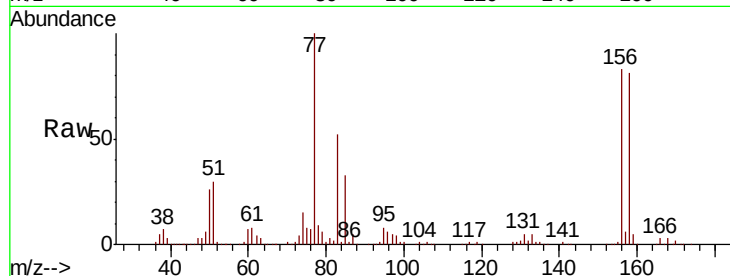
Tot Ion:156 Resp: 149900

Ion Ratio Lower Upper

156 100

77 135.2 66.3 198.7

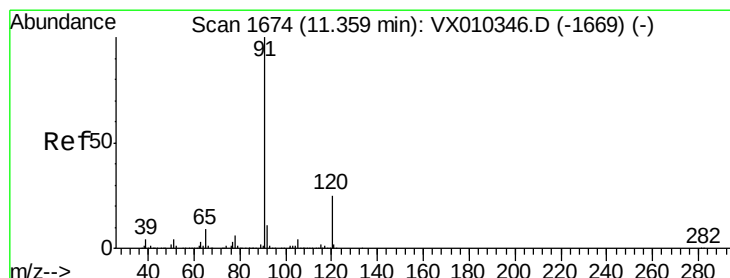
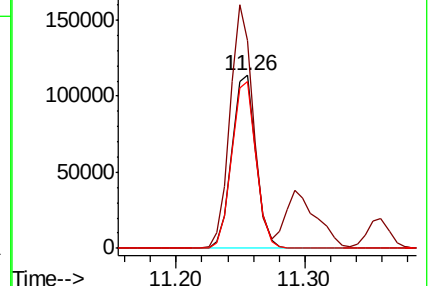
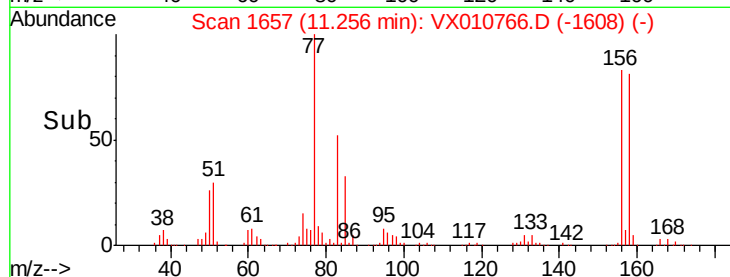
158 97.3 48.9 146.7



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: 53.274 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010766.D

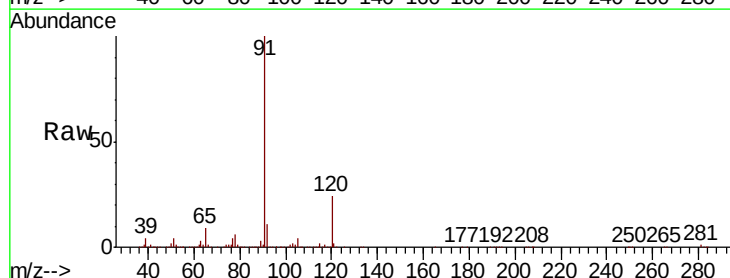
Acq: 10 Jul 2019 09:52

Tgt Ion: 91 Resp: 642693

Ion Ratio Lower Upper

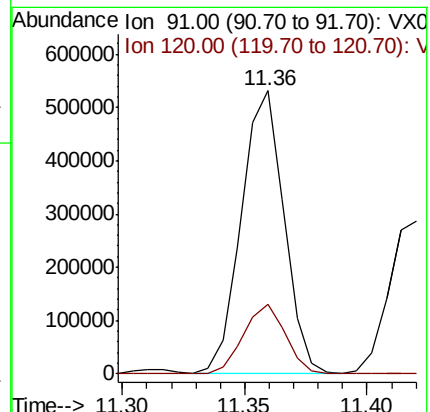
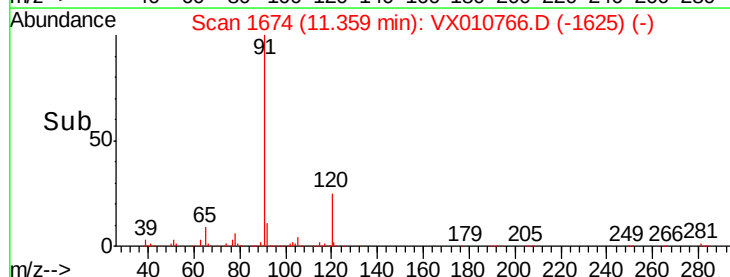
91 100

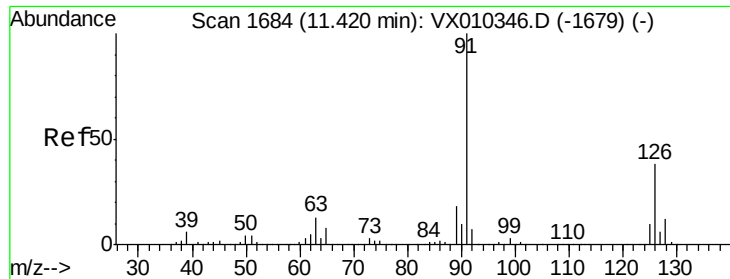
120 24.3 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.612 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

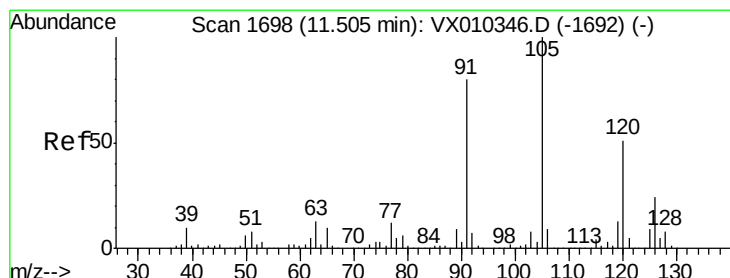
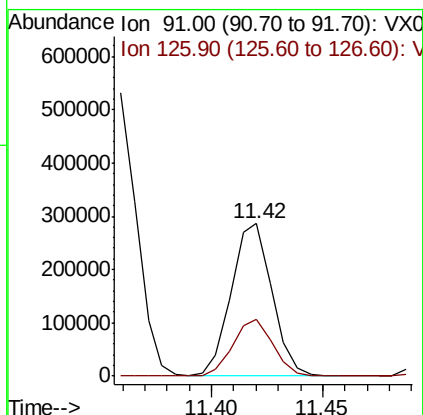
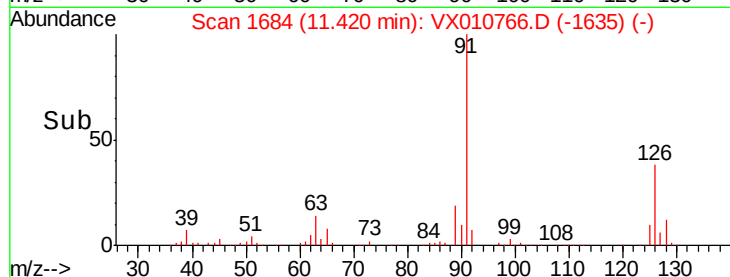
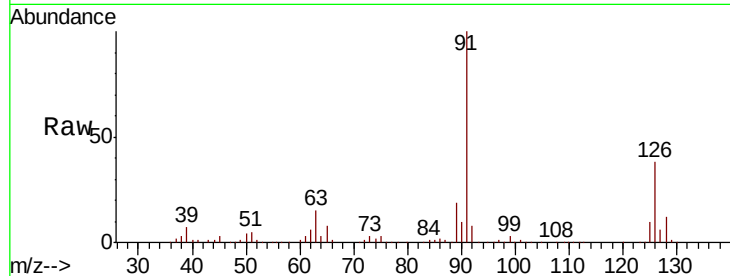
VSTDCCC050

Tot Ion: 91 Resp: 363581

Ion Ratio Lower Upper

91 100

126 37.0 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 51.926 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010766.D

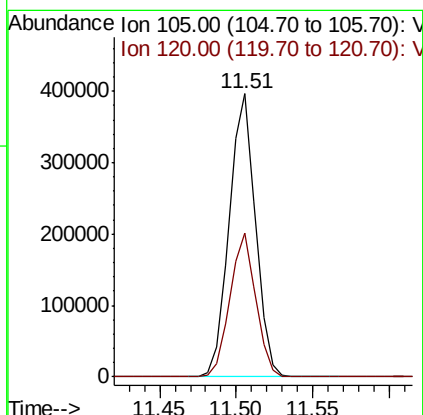
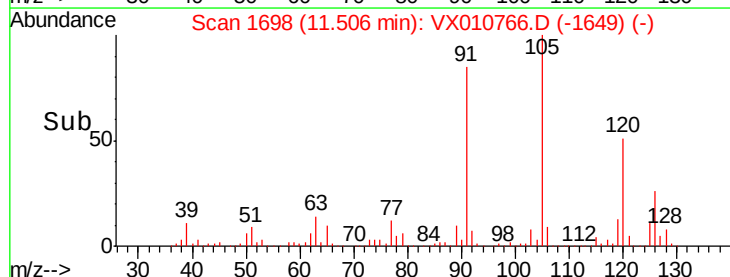
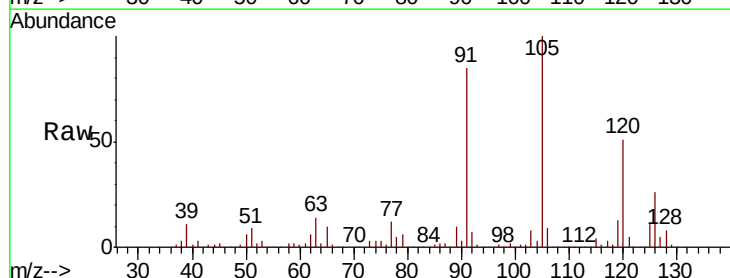
Acq: 10 Jul 2019 09:52

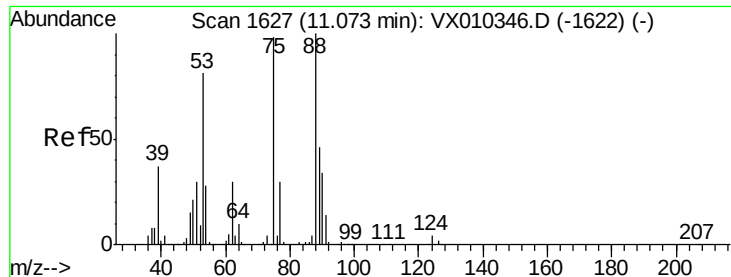
Tgt Ion: 105 Resp: 469879

Ion Ratio Lower Upper

105 100

120 50.1 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 43.666 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

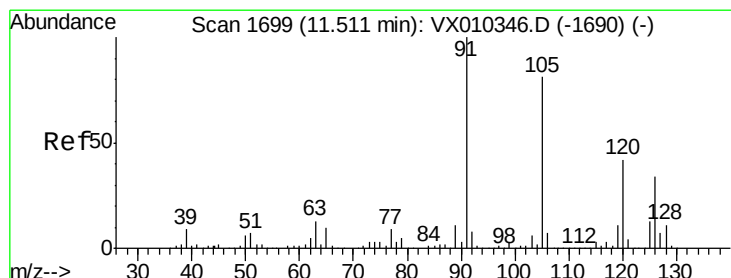
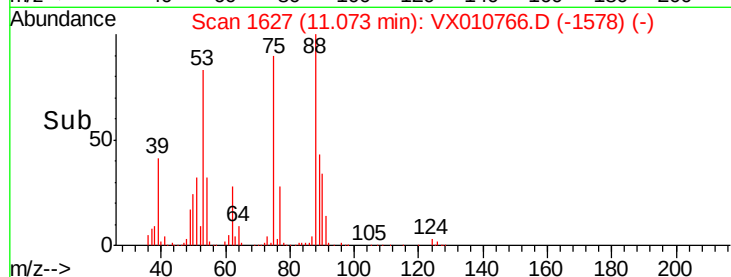
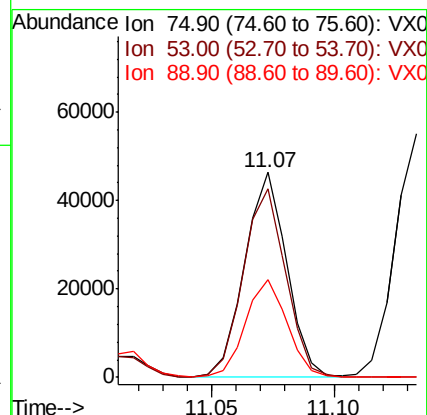
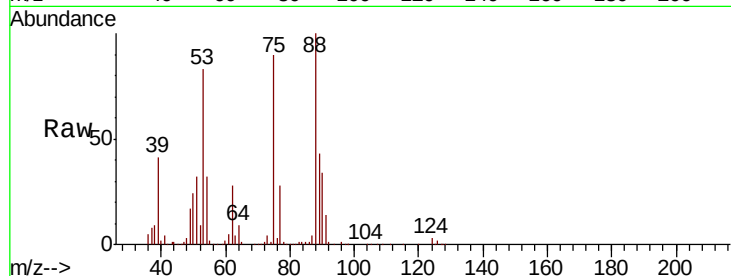
Tot Ion: 75 Resp: 55231

Ion Ratio Lower Upper

75 100

53 93.9 66.1 99.1

89 47.4 37.8 56.6



#82

4-Chlorotoluene

Concen: 52.635 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010766.D

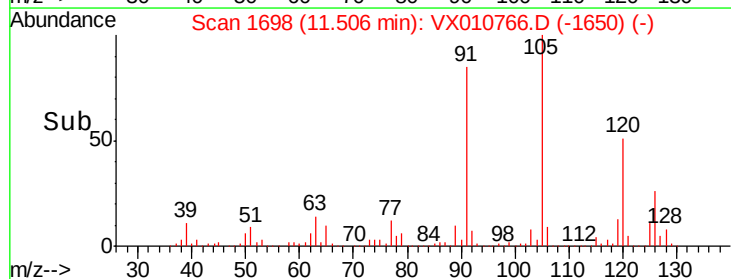
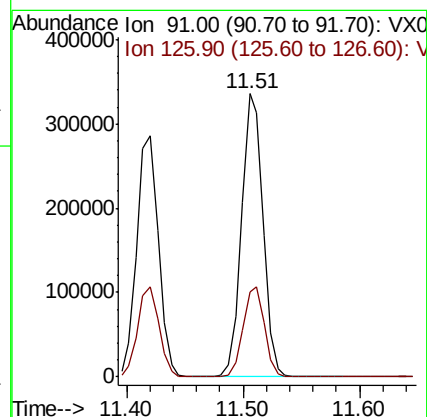
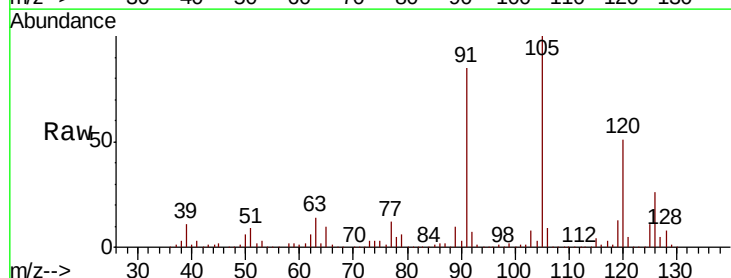
Acq: 10 Jul 2019 09:52

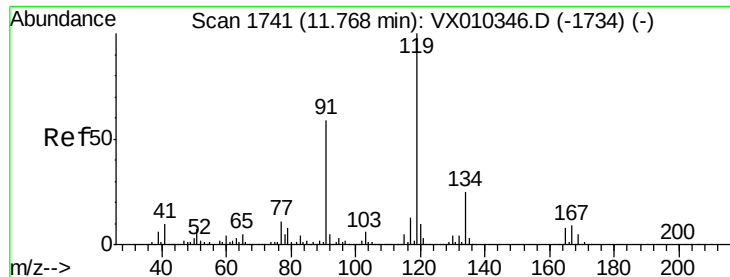
Tgt Ion: 91 Resp: 430258

Ion Ratio Lower Upper

91 100

126 32.1 16.2 48.6

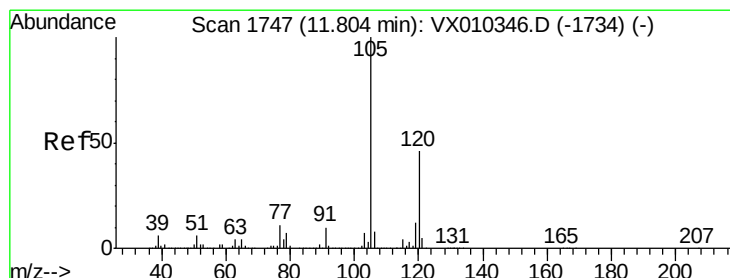
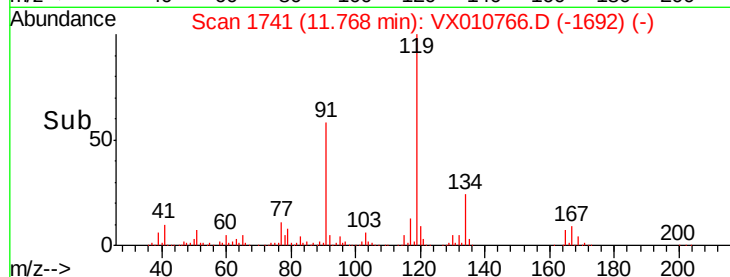
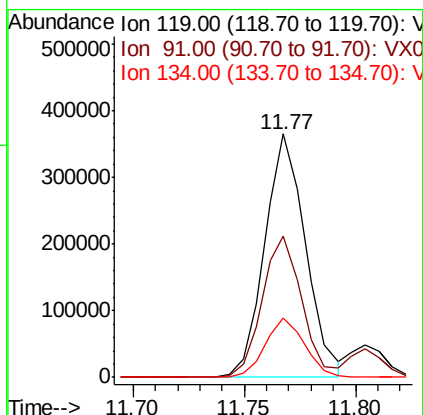
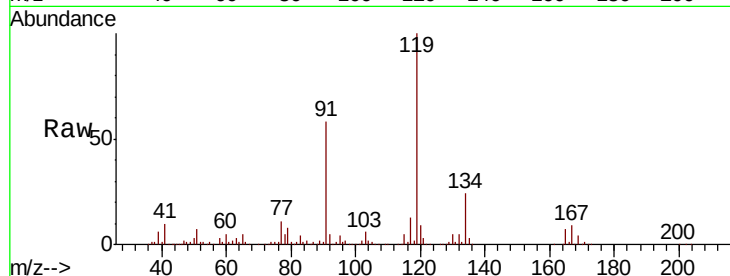




#83
 tert-Butylbenzene
 Concen: 51.007 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

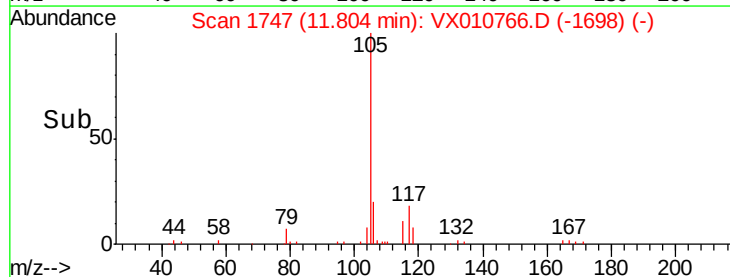
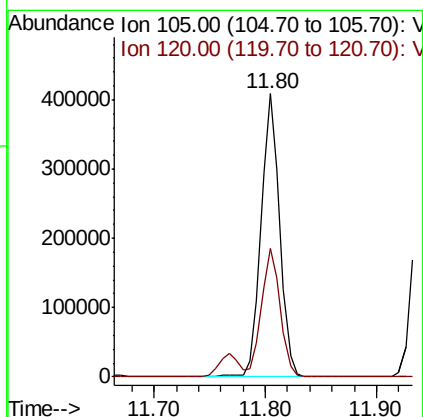
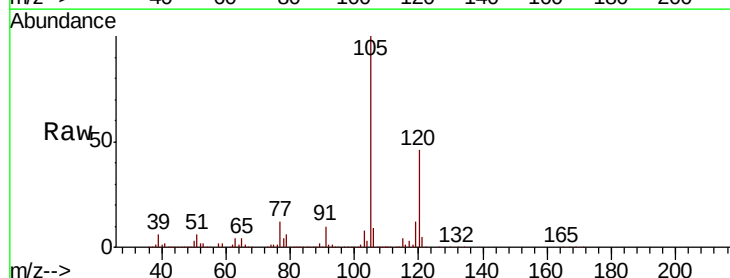
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

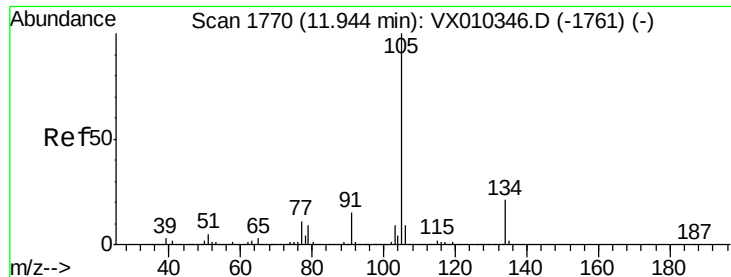
Tot Ion:119 Resp: 463264
 Ion Ratio Lower Upper
 119 100
 91 56.8 27.6 82.7
 134 23.6 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 52.717 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

Tgt Ion:105 Resp: 479272
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.1 69.2





#85

sec-Butylbenzene

Concen: 52.451 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

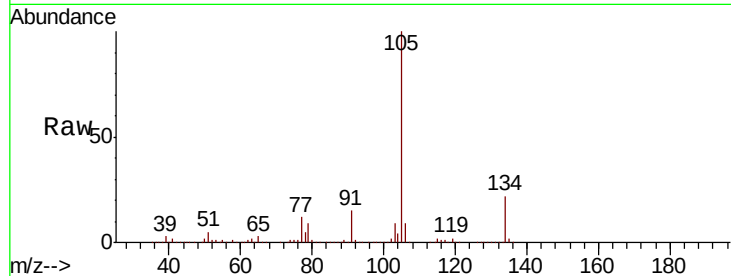
VSTDCCC050

Tot Ion:105 Resp: 559332

Ion Ratio Lower Upper

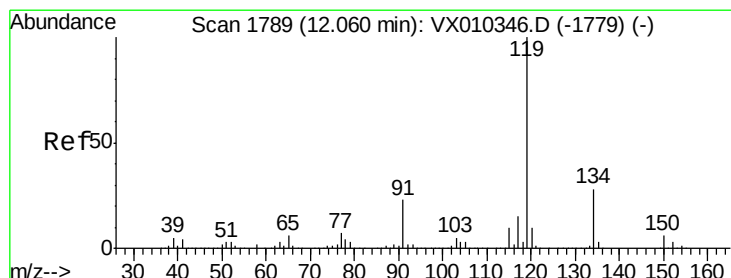
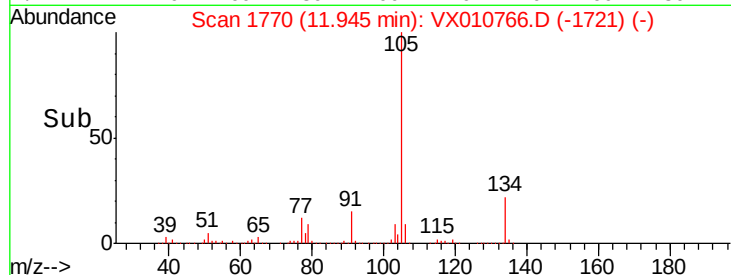
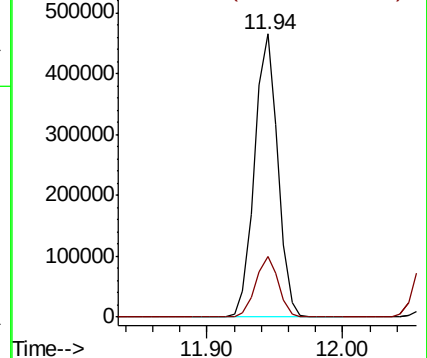
105 100

134 21.1 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.871 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

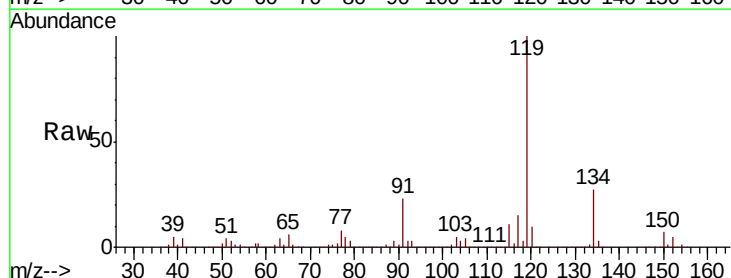
Tgt Ion:119 Resp: 521506

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.1

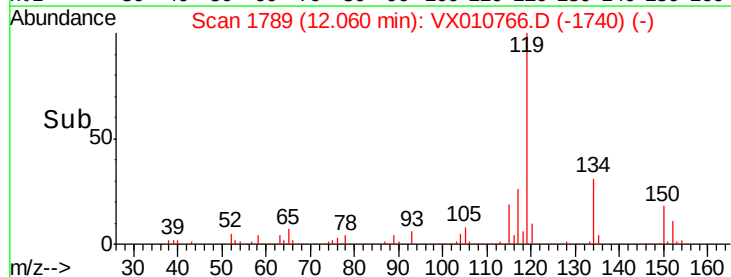
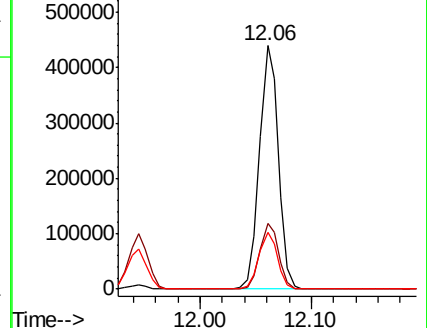
91 22.9 11.3 33.8

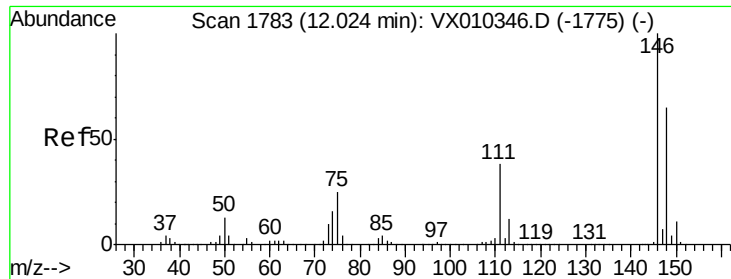


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

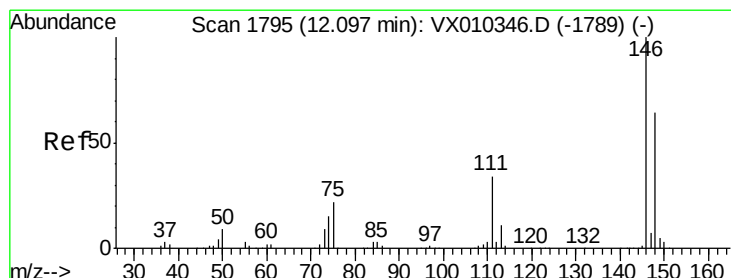
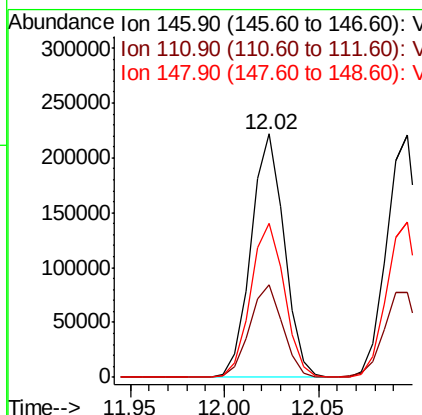
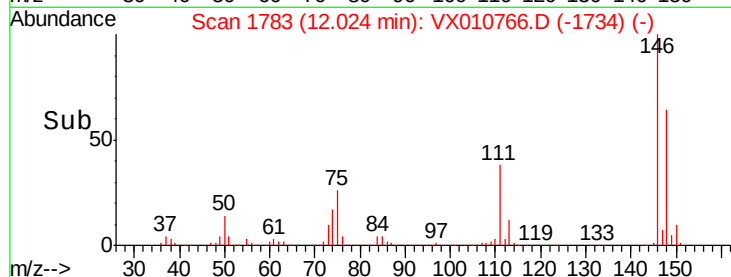
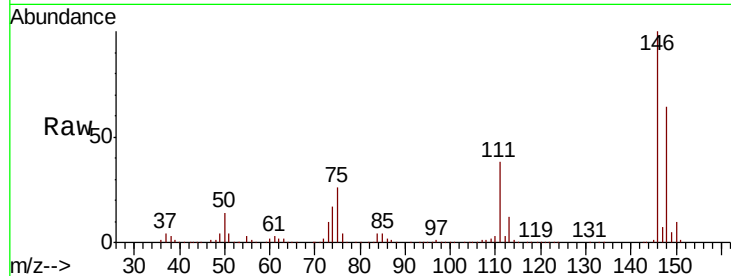




#87
 1,3-Dichlorobenzene
 Concen: 50.536 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

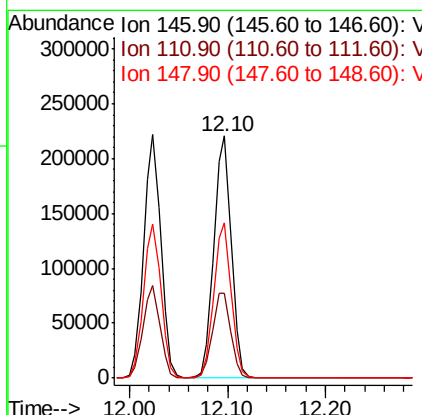
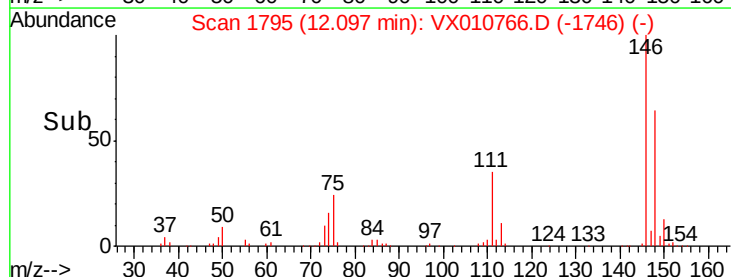
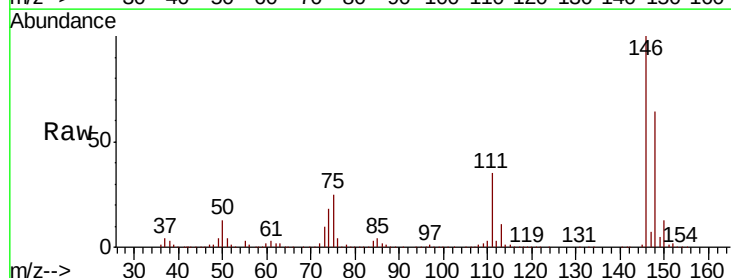
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

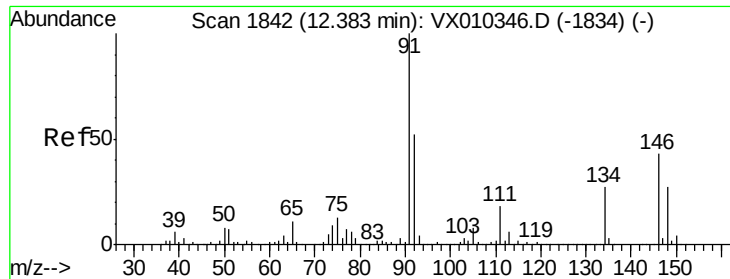
Tot Ion:146 Resp: 270377
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.1 57.1
 148 64.4 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 49.965 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

Tgt Ion:146 Resp: 272148
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.1 54.3
 148 63.9 32.1 96.3





#89

n-Butylbenzene

Concen: 54.376 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

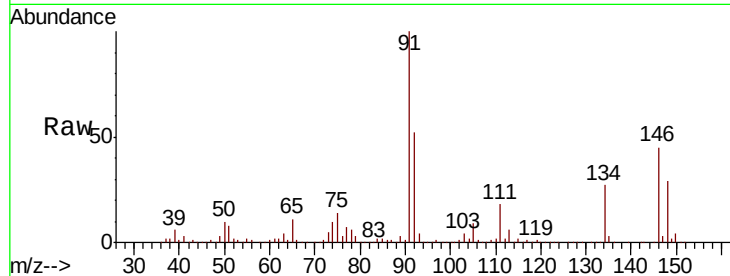
Tot Ion: 91 Resp: 455762

Ion Ratio Lower Upper

91 100

92 52.4 26.2 78.5

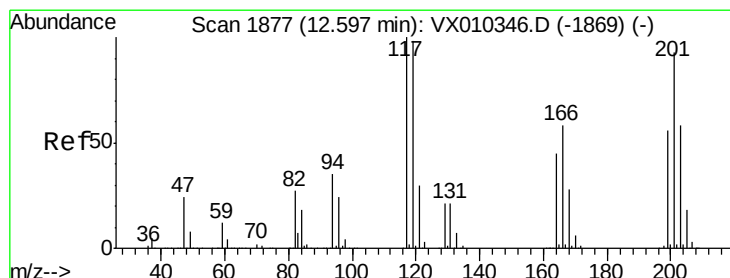
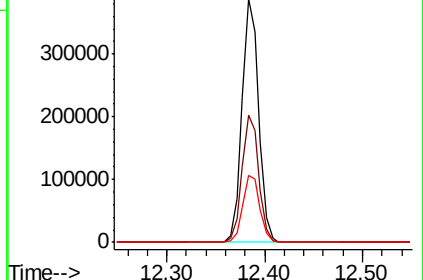
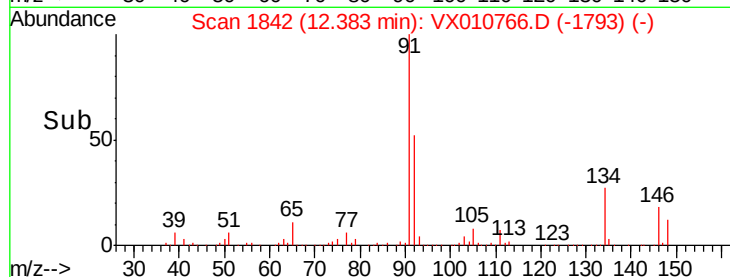
134 27.9 14.1 42.4



Abundance Ion 91.00 (90.70 to 91.70): VX010766.D (-1793) (-)

Ion 92.00 (91.70 to 92.70): VX010766.D (-1793) (-)

Ion 134.00 (133.70 to 134.70): VX010766.D (-1793) (-)



#90

Hexachloroethane

Concen: 48.410 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX010766.D

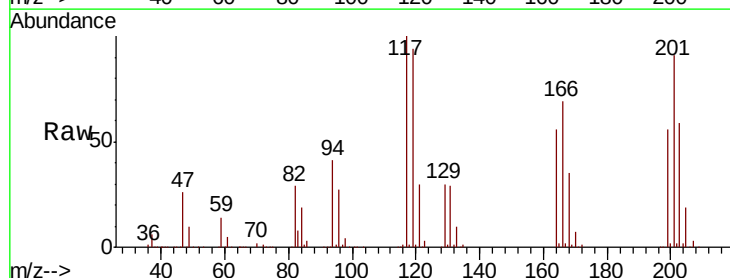
Acq: 10 Jul 2019 09:52

Tgt Ion: 117 Resp: 82566

Ion Ratio Lower Upper

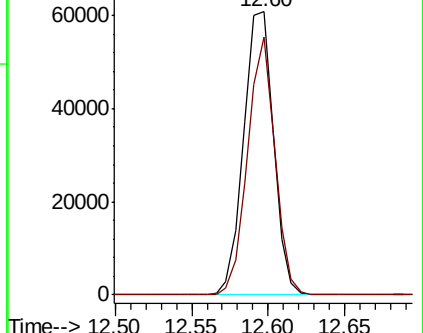
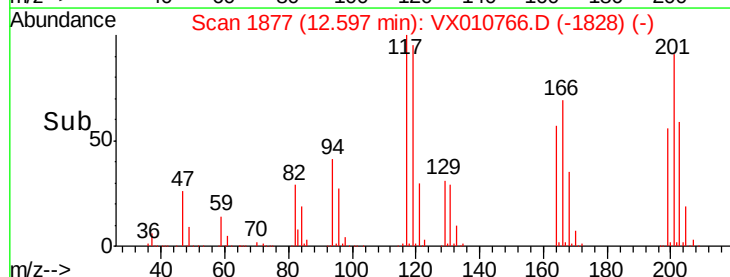
117 100

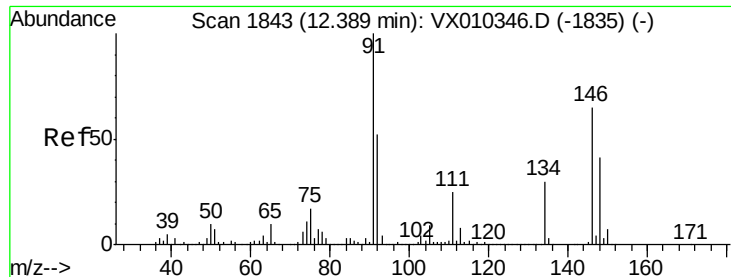
201 83.3 44.0 131.8



Abundance Ion 116.80 (116.50 to 117.50): VX010766.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX010766.D (-1828) (-)

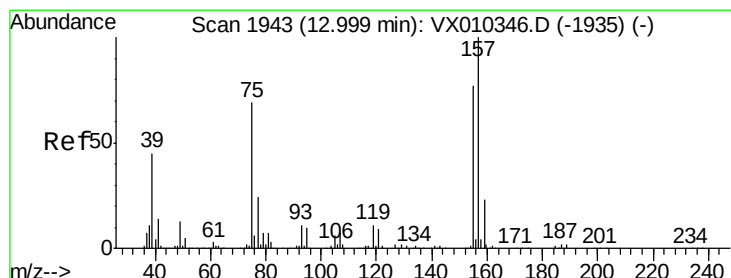
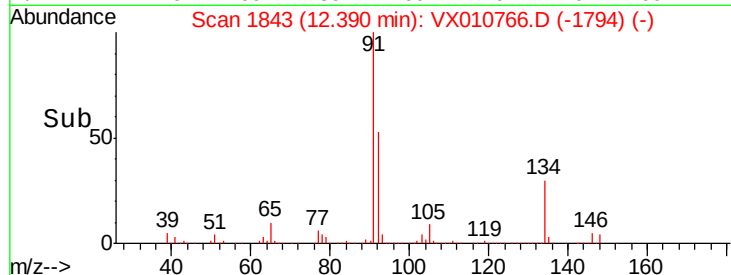
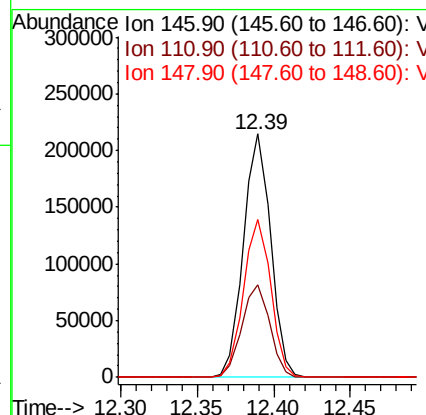
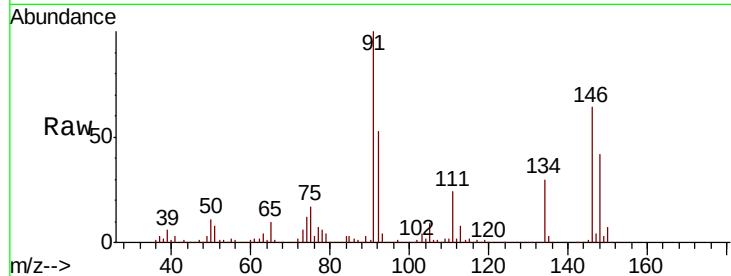




#91
 1,2-Dichlorobenzene
 Concen: 49.902 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

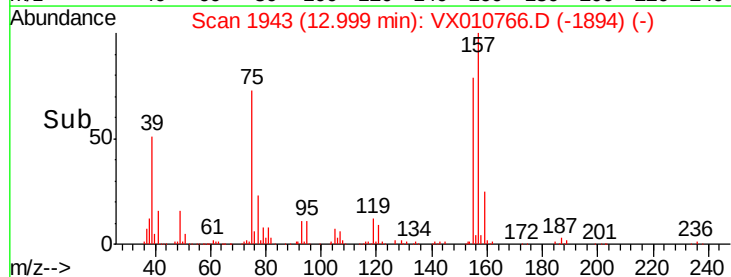
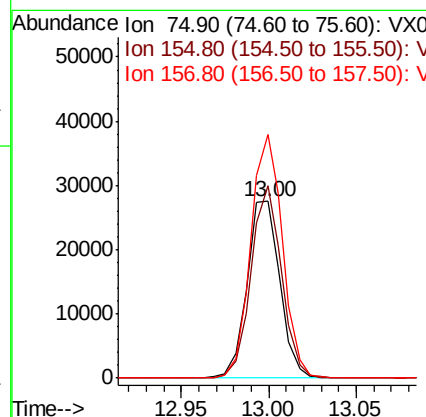
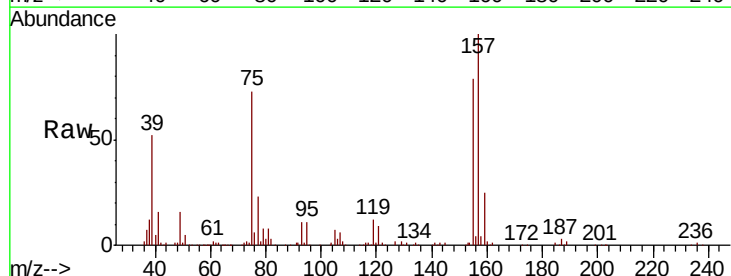
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

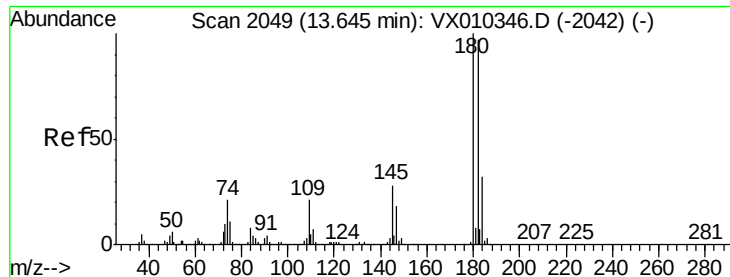
Tot Ion:146 Resp: 265346
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.2 57.6
 148 64.9 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.823 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

Tgt Ion: 75 Resp: 35914
 Ion Ratio Lower Upper
 75 100
 155 100.5 54.4 163.1
 157 132.4 69.5 208.3

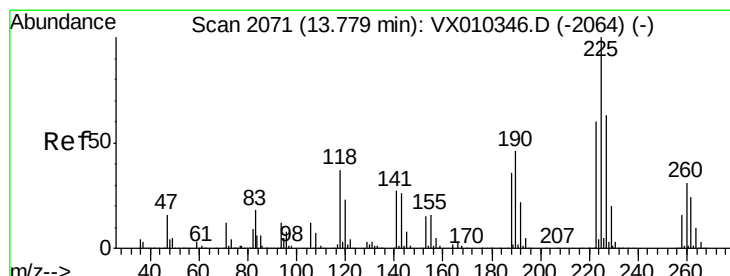
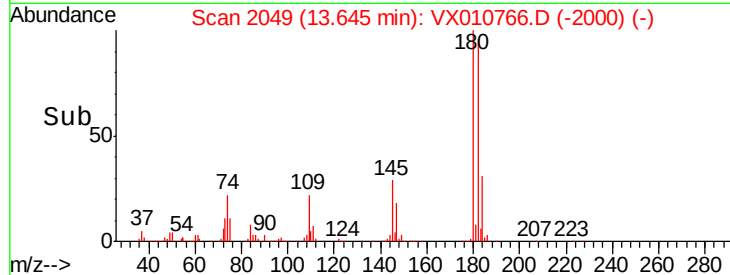
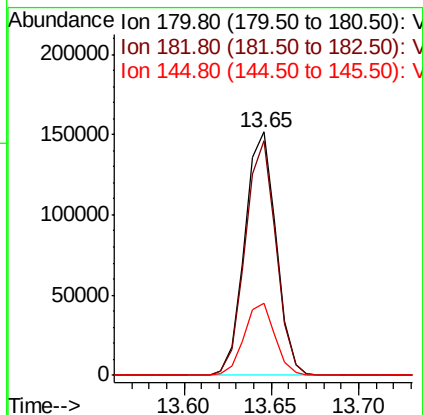
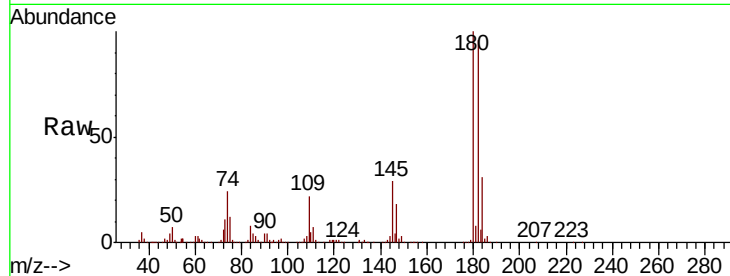




#93
 1,2,4-Trichlorobenzene
 Concen: 51.239 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

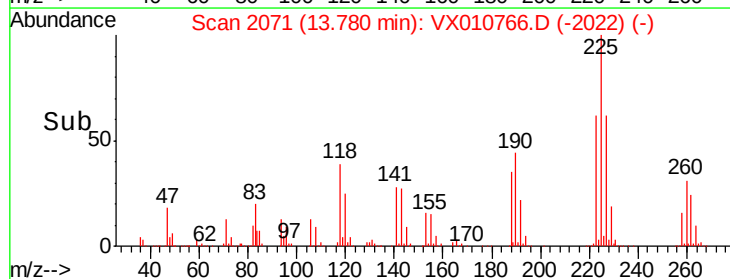
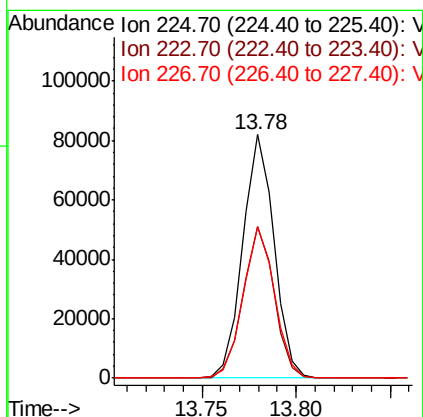
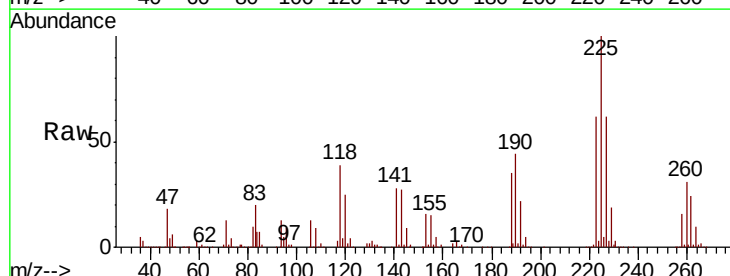
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

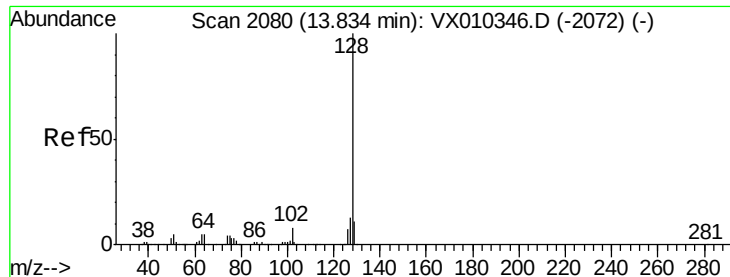
Tot Ion:180 Resp: 188943
 Ion Ratio Lower Upper
 180 100
 182 94.5 48.0 144.0
 145 29.1 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 52.368 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

Tgt Ion:225 Resp: 94378
 Ion Ratio Lower Upper
 225 100
 223 61.9 30.9 92.7
 227 62.5 31.9 95.5





#95

Naphthalene

Concen: 49.134 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

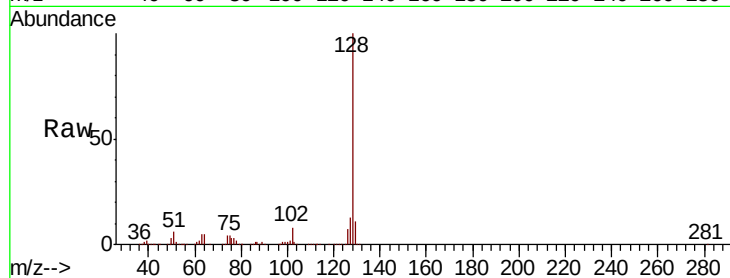
Tot Ion:128 Resp: 556778

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

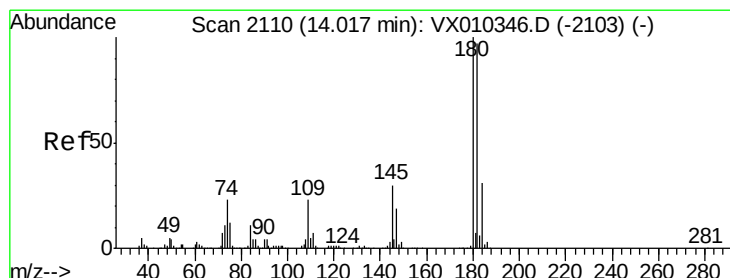
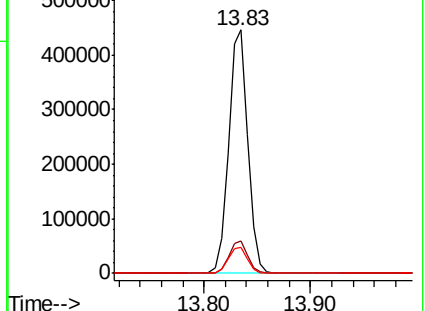
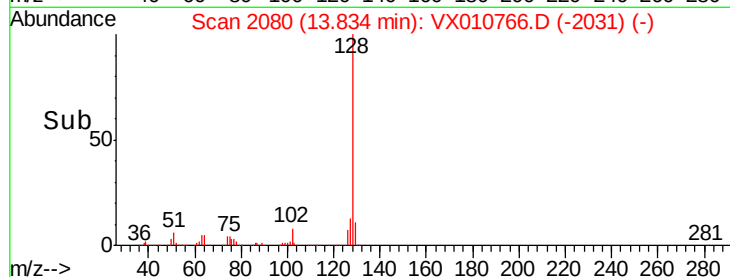
129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.525 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

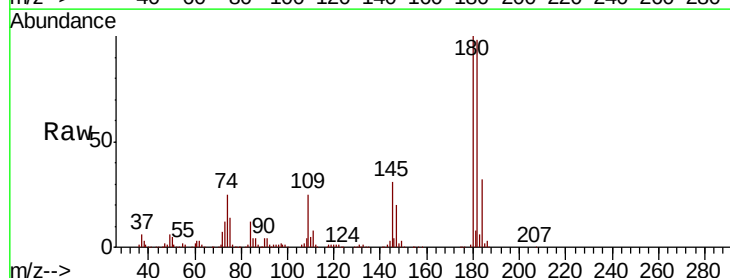
Tgt Ion:180 Resp: 185240

Ion Ratio Lower Upper

180 100

182 96.2 47.8 143.3

145 30.9 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

