

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050619\
 Data File : VX009365.D
 Acq On : 06 May 2019 20:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 07 06:39:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 04 07:18:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	162901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	268281	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	241523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121477	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	110902	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
35) Dibromofluoromethane	5.50	113	83612	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
50) Toluene-d8	8.71	98	338666	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.13	95	124204	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	66332	44.187	ug/l	98
3) Chloromethane	1.32	50	95623	46.657	ug/l	100
4) Vinyl Chloride	1.41	62	93744	46.907	ug/l	99
5) Bromomethane	1.64	94	58754	48.981	ug/l	97
6) Chloroethane	1.71	64	65612	51.135	ug/l	99
7) Trichlorofluoromethane	1.92	101	117276	48.276	ug/l	100
8) Diethyl Ether	2.19	74	57058	49.586	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	71880	47.119	ug/l	100
10) Methyl Iodide	2.51	142	76571	43.825	ug/l	100
11) Tert butyl alcohol	3.06	59	146323	284.258	ug/l	100
12) 1,1-Dichloroethene	2.37	96	74358	48.648	ug/l	96
13) Acrolein	2.29	56	103957	222.999	ug/l	100
14) Allyl chloride	2.73	41	177140	47.555	ug/l	99
15) Acrylonitrile	3.14	53	333333	264.842	ug/l	99
16) Acetone	2.45	43	289644	242.565	ug/l	98
17) Carbon Disulfide	2.56	76	189901	44.252	ug/l	100
18) Methyl Acetate	2.78	43	152674	53.763	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	302942	51.039	ug/l	99
20) Methylene Chloride	2.85	84	91625	47.391	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	78294	47.232	ug/l	96
22) Diisopropyl ether	3.85	45	359400	50.171	ug/l	96
23) Vinyl Acetate	3.82	43	1596413	260.250	ug/l	100
24) 1,1-Dichloroethane	3.70	63	172460	48.803	ug/l	99
25) 2-Butanone	4.68	43	498328	268.557	ug/l	100
26) 2,2-Dichloropropane	4.59	77	109439	41.606	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	97711	49.384	ug/l	98
28) Bromochloromethane	5.02	49	67617	47.390	ug/l	100
29) Tetrahydrofuran	5.13	42	327030	273.881	ug/l	100
30) Chloroform	5.21	83	161777	50.617	ug/l	99
31) Cyclohexane	5.58	56	152389	46.351	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	130935	49.212	ug/l	99
36) 1,1-Dichloropropene	5.80	75	115876	46.477	ug/l	100
37) Ethyl Acetate	4.84	43	183827	52.919	ug/l	99
38) Carbon Tetrachloride	5.78	117	108970	48.106	ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 04 07:18:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	137449	44.891	ug/l	99
40) Benzene	6.14	78	369130	47.840	ug/l	99
41) Methacrylonitrile	5.04	41	104656	50.612	ug/l	99
42) 1,2-Dichloroethane	6.20	62	135798	49.063	ug/l	99
43) Isopropyl Acetate	6.45	43	286895	51.633	ug/l	100
44) Trichloroethene	7.21	130	87535	46.927	ug/l	97
45) 1,2-Dichloropropane	7.51	63	107154	49.044	ug/l	97
46) Dibromomethane	7.66	93	61582	48.538	ug/l	100
47) Bromodichloromethane	7.90	83	125617	49.635	ug/l	96
48) Methyl methacrylate	7.77	41	142943	51.854	ug/l	100
49) 1,4-Dioxane	7.74	88	60613	1084.216	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	981462	270.242	ug/l	99
52) Toluene	8.79	92	225306	48.037	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	143153	50.100	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	155520	49.174	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	95113	49.706	ug/l	96
56) Ethyl methacrylate	9.18	69	175596	51.408	ug/l	100
57) 1,3-Dichloropropane	9.37	76	165844	49.251	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	456607	251.986	ug/l	99
59) 2-Hexanone	9.49	43	772681	270.892	ug/l	99
60) Dibromochloromethane	9.58	129	95749	51.233	ug/l	99
61) 1,2-Dibromoethane	9.67	107	96586	50.004	ug/l	100
64) Tetrachloroethene	9.34	164	80049	48.317	ug/l	98
65) Chlorobenzene	10.14	112	236577	48.965	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	88192	50.348	ug/l	100
67) Ethyl Benzene	10.25	91	433265	48.726	ug/l	99
68) m/p-Xylenes	10.36	106	318593	98.047	ug/l	99
69) o-Xylene	10.69	106	157446	49.110	ug/l	100
70) Styrene	10.71	104	280254	50.295	ug/l	100
71) Bromoform	10.85	173	75675	53.162	ug/l #	99
73) Isopropylbenzene	11.02	105	421338	47.697	ug/l	100
74) N-amyl acetate	10.90	43	264557	51.369	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	165497	50.256	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	192774	68.412	ug/l	82
77) Bromobenzene	11.26	156	106595	48.617	ug/l	98
78) n-propylbenzene	11.36	91	479316	47.511	ug/l	99
79) 2-Chlorotoluene	11.42	91	291493	46.833	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	356574	47.940	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	53547	48.622	ug/l	99
82) 4-Chlorotoluene	11.51	91	333652	47.451	ug/l	100
83) tert-Butylbenzene	11.77	119	346918	47.946	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	360300	48.260	ug/l	100
85) sec-Butylbenzene	11.94	105	407353	47.486	ug/l	100
86) p-Isopropyltoluene	12.06	119	371334	48.151	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	187892	48.071	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	189522	48.095	ug/l	99
89) n-Butylbenzene	12.38	91	330594	47.429	ug/l	100
90) Hexachloroethane	12.60	117	63383	48.242	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	192661	48.394	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39245	53.125	ug/l	98

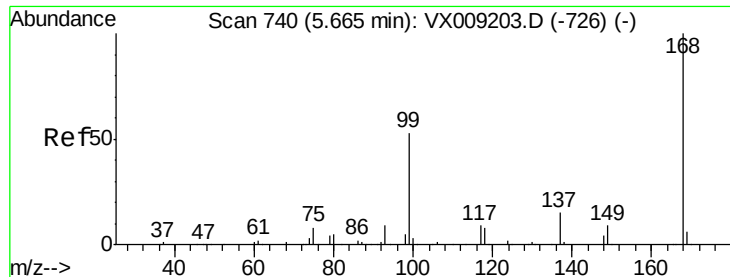
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Quant Title : SW846 8260
QLast Update : Sat May 04 07:18:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	135469	49.761	ug/l	98
94) Hexachlorobutadiene	13.78	225	65488	47.106	ug/l	99
95) Naphthalene	13.83	128	459547	51.884	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	138264	50.103	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009365.D

Acq: 06 May 2019 20:56

Instrument :

MSVOA_X

ClientSampleId :

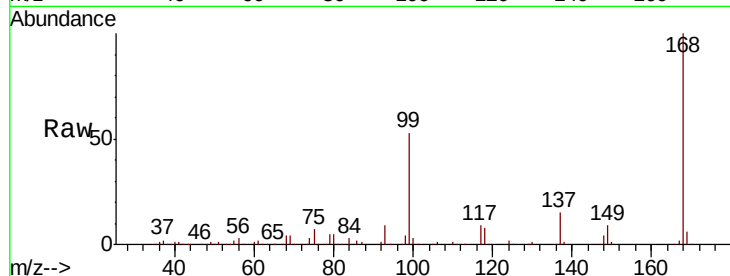
VSTDCCC050EC

Tot Ion:168 Resp: 162901

Ion Ratio Lower Upper

168 100

99 52.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

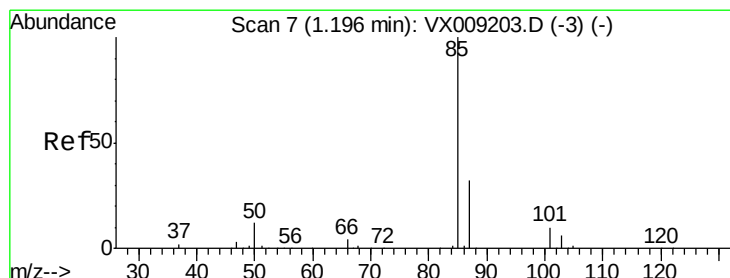
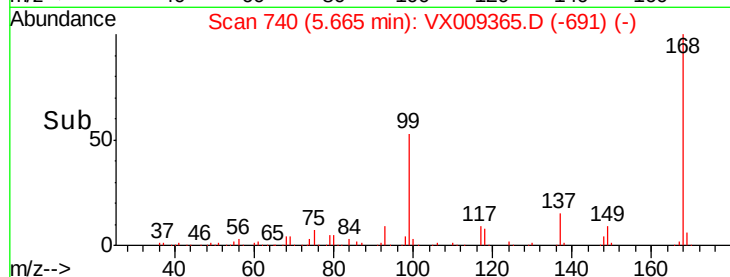
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 44.187 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009365.D

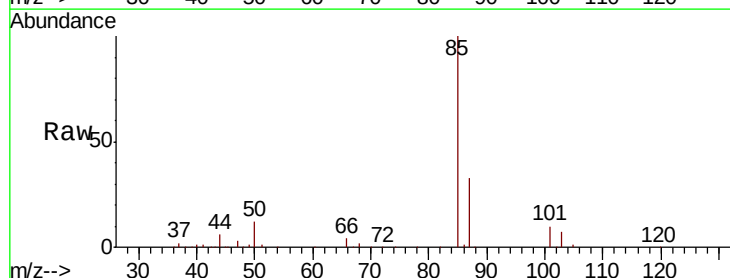
Acq: 06 May 2019 20:56

Tgt Ion: 85 Resp: 66332

Ion Ratio Lower Upper

85 100

87 33.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

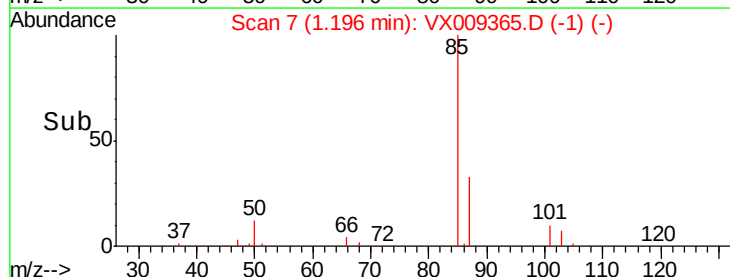
60000

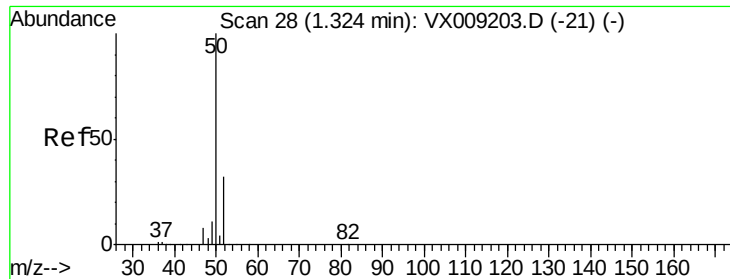
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 46.657 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009365.D

Acq: 06 May 2019 20:56

Instrument :

MSVOA_X

ClientSampleId :

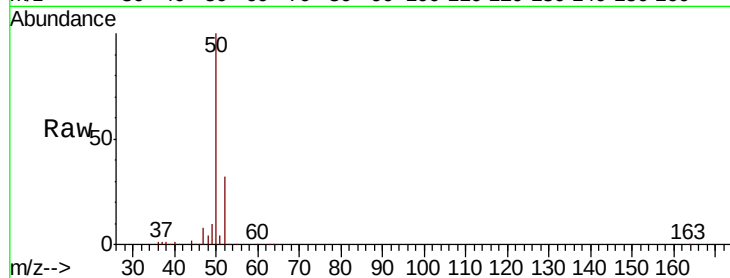
VSTDCCC050EC

Tot Ion: 50 Resp: 95623

Ion Ratio Lower Upper

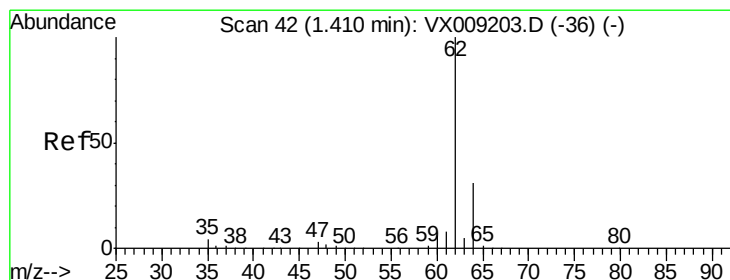
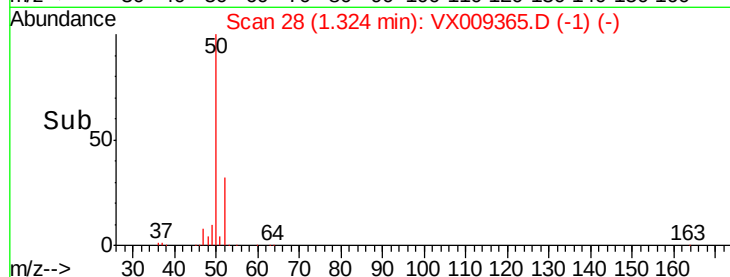
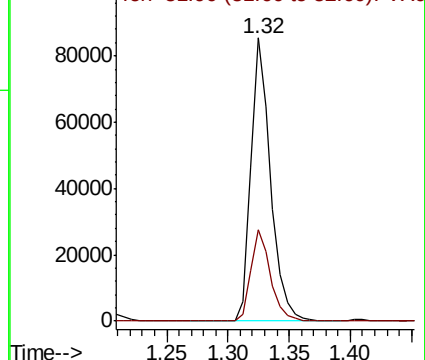
50 100

52 32.3 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.907 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009365.D

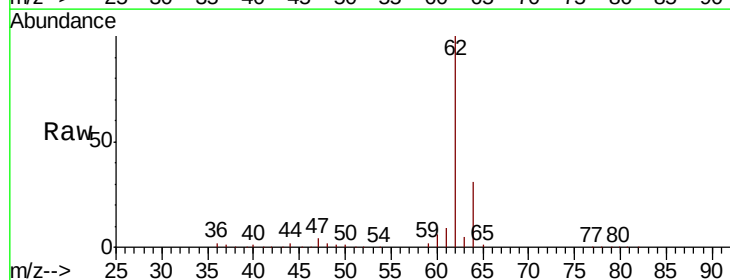
Acq: 06 May 2019 20:56

Tgt Ion: 62 Resp: 93744

Ion Ratio Lower Upper

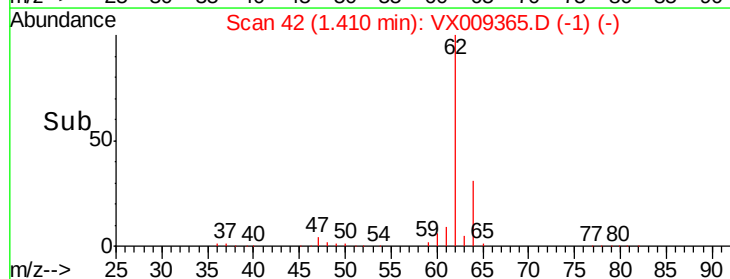
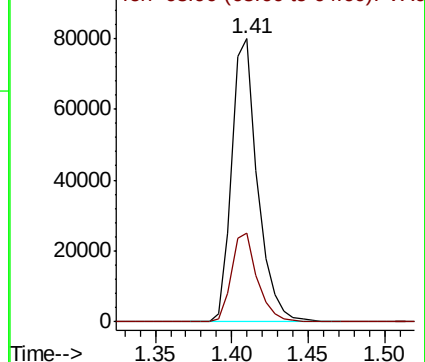
62 100

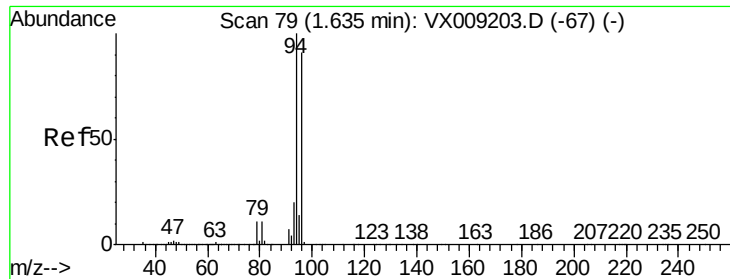
64 31.1 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 48.981 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009365.D

Acq: 06 May 2019 20:56

Instrument :

MSVOA_X

ClientSampleId :

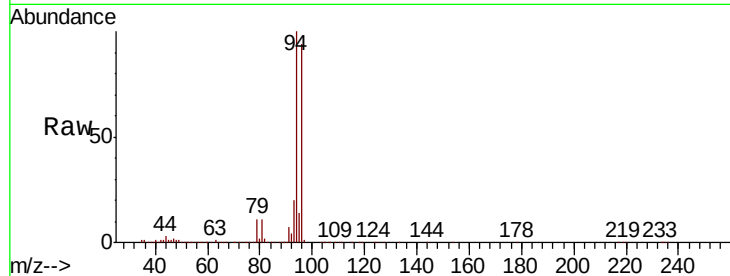
VSTDCCC050EC

Tot Ion: 94 Resp: 58754

Ion Ratio Lower Upper

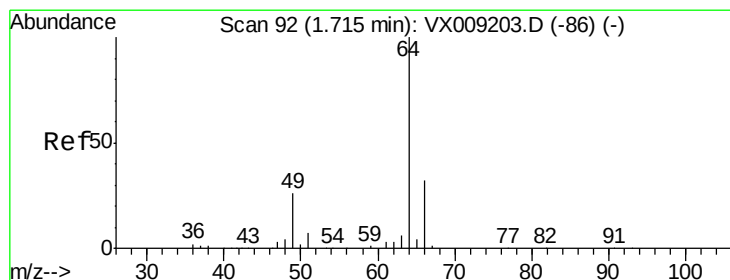
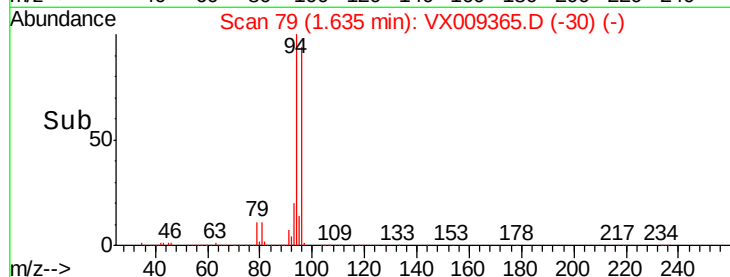
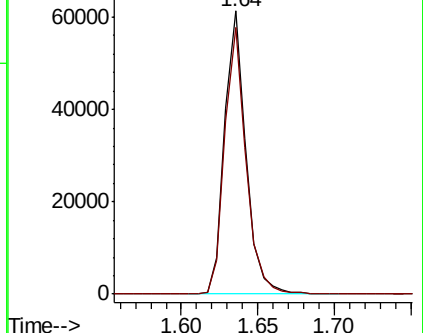
94 100

96 94.3 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.135 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX009365.D

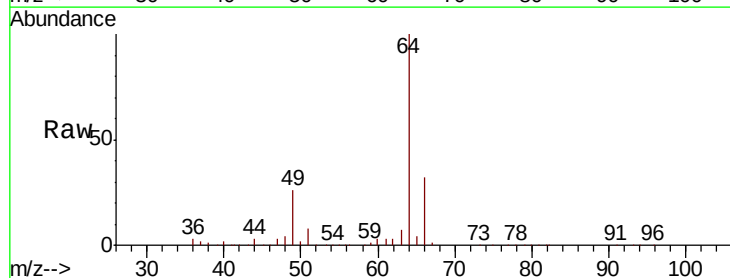
Acq: 06 May 2019 20:56

Tgt Ion: 64 Resp: 65612

Ion Ratio Lower Upper

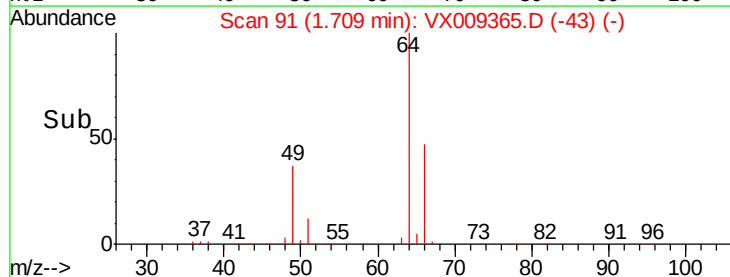
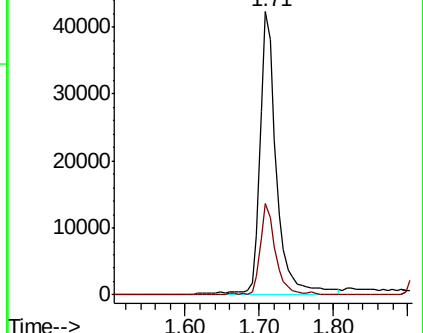
64 100

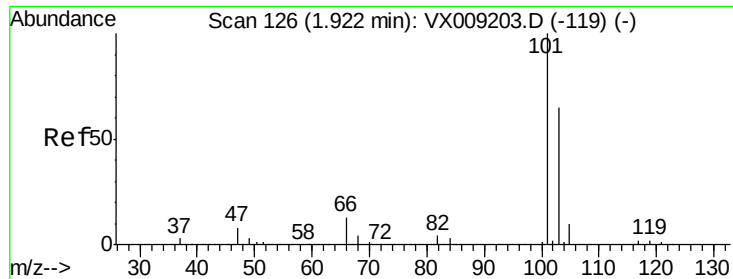
66 32.0 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



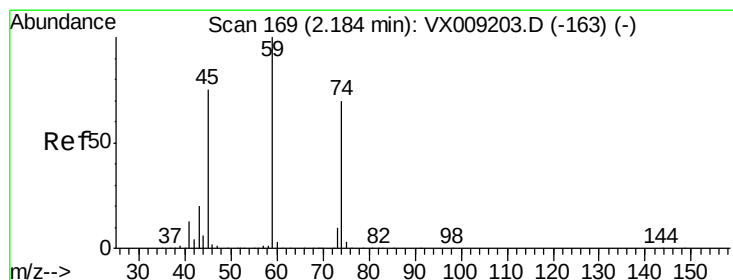
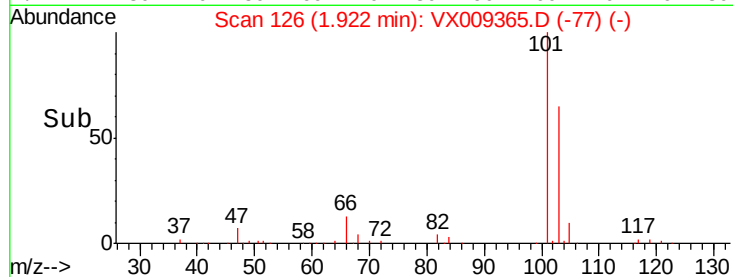
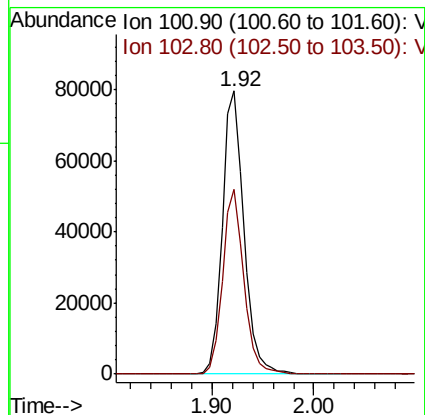
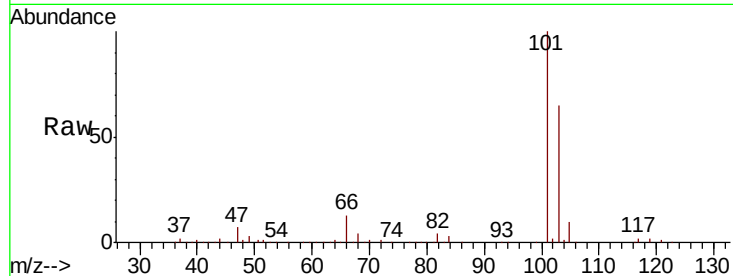


#7

Trichlorofluoromethane
 Concen: 48.276 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX009365.D
 Acq: 06 May 2019 20:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

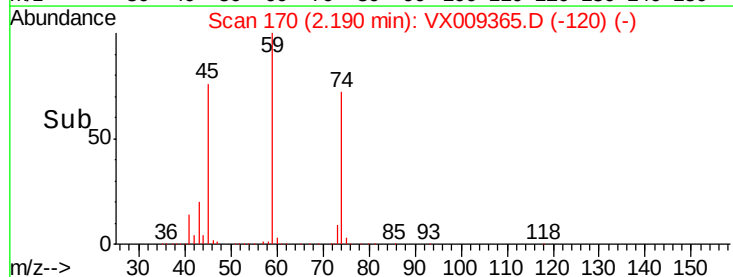
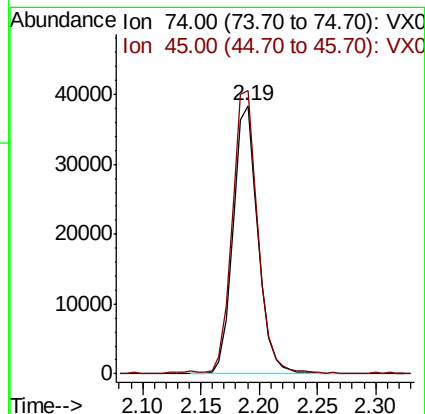
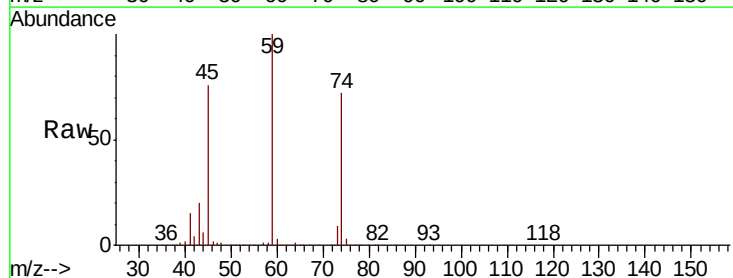
Tot Ion:101 Resp: 117276
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.4 78.6

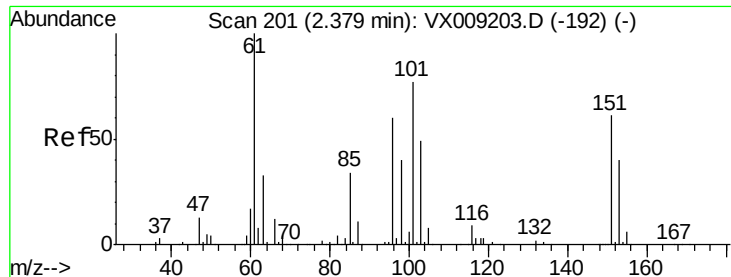


#8

Diethyl Ether
 Concen: 49.586 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009365.D
 Acq: 06 May 2019 20:56

Tgt Ion: 74 Resp: 57058
 Ion Ratio Lower Upper
 74 100
 45 107.5 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.119 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009365.D

Acq: 06 May 2019 20:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

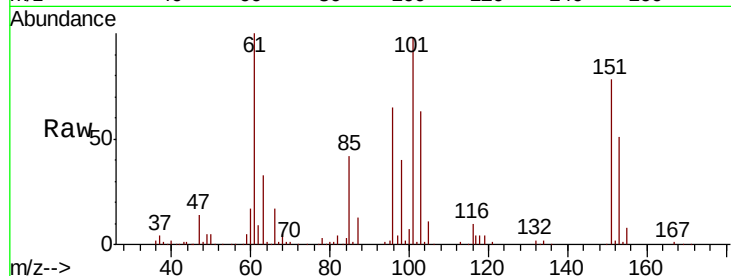
Tot Ion:101 Resp: 71880

Ion Ratio Lower Upper

101 100

85 44.3 35.7 53.5

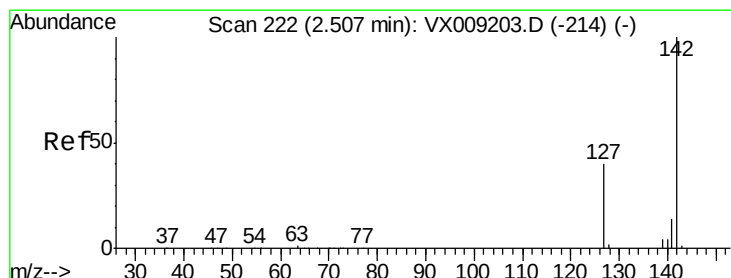
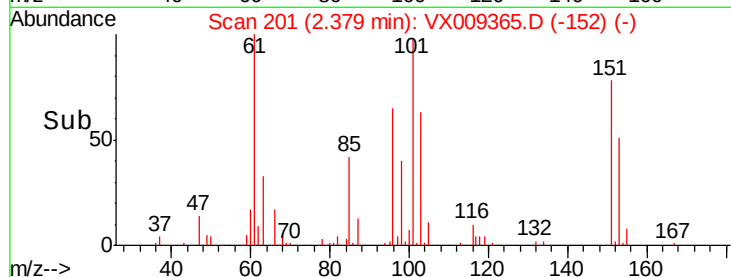
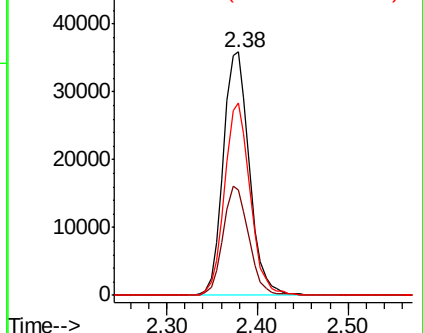
151 77.8 62.2 93.2



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: 43.825 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009365.D

Acq: 06 May 2019 20:56

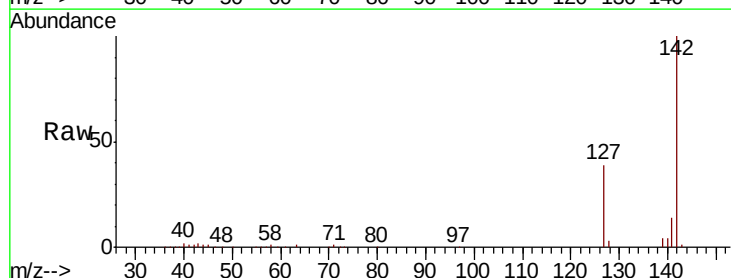
Tgt Ion:142 Resp: 76571

Ion Ratio Lower Upper

142 100

127 40.6 32.7 49.1

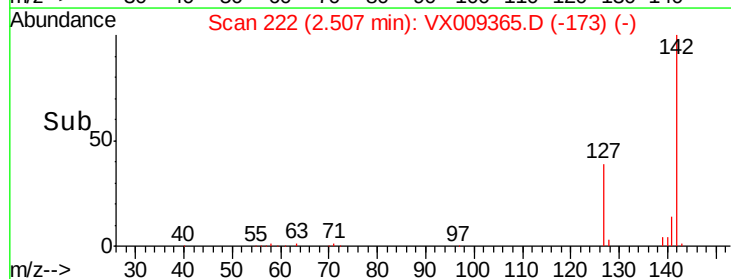
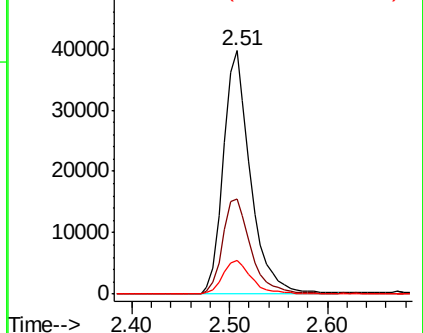
141 14.6 11.5 17.3

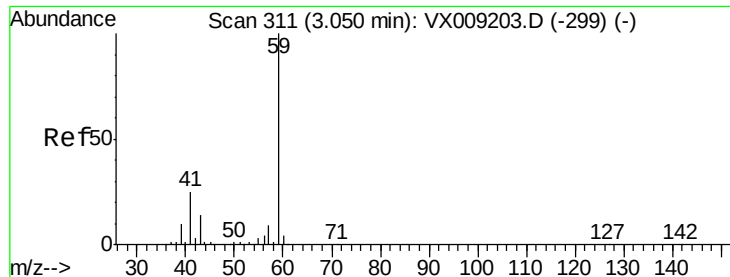


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

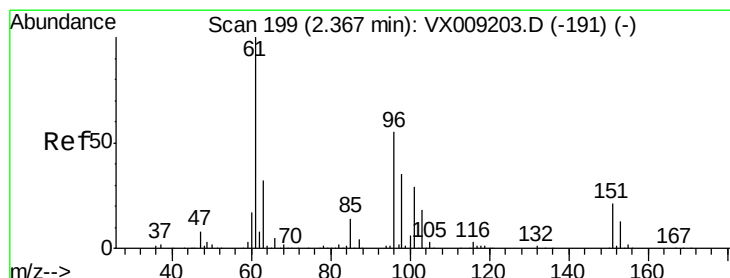
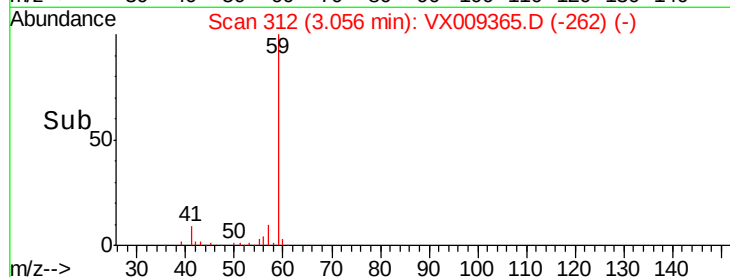
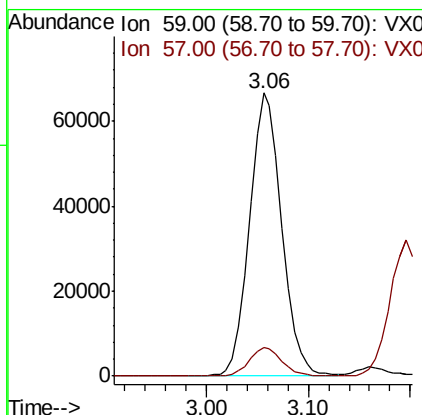
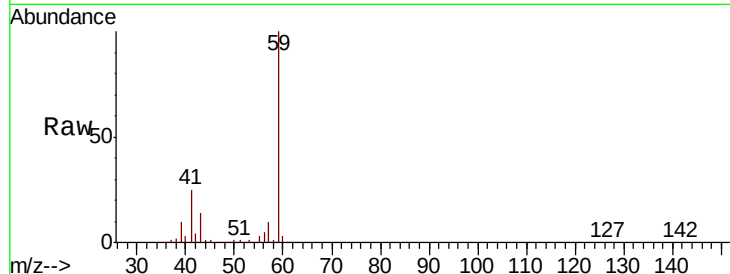




#11
Tert butyl alcohol
Concen: 284.258 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX009365.D
Acq: 06 May 2019 20:56

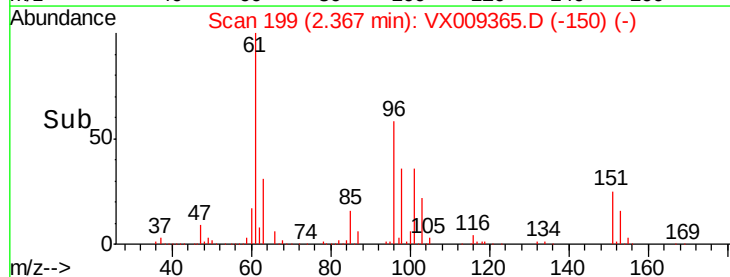
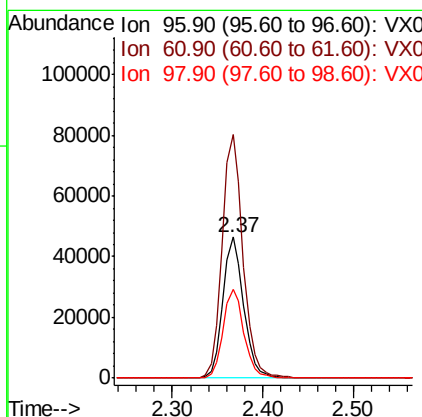
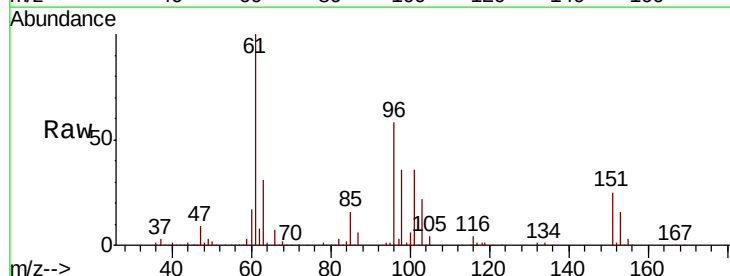
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

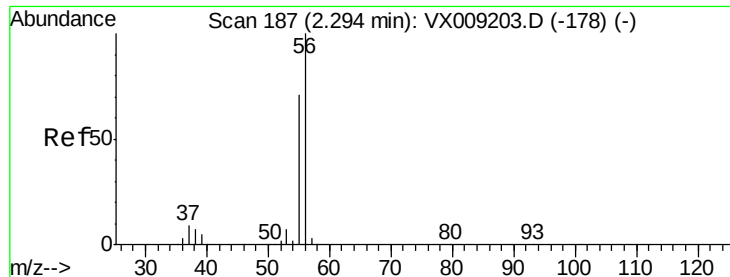
Tot Ion: 59 Resp: 146323
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 48.648 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX009365.D
Acq: 06 May 2019 20:56

Tgt Ion: 96 Resp: 74358
Ion Ratio Lower Upper
96 100
61 172.6 144.3 216.5
98 63.0 50.3 75.5





#13

Acrolein

Concen: 222.999 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009365.D

Acq: 06 May 2019 20:56

Instrument :

MSVOA_X

ClientSampleId :

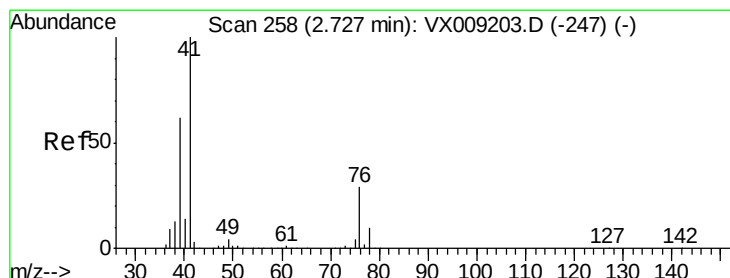
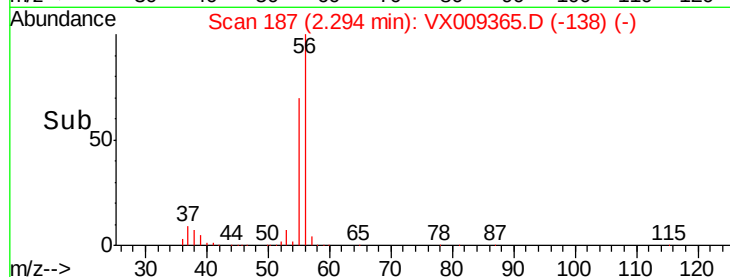
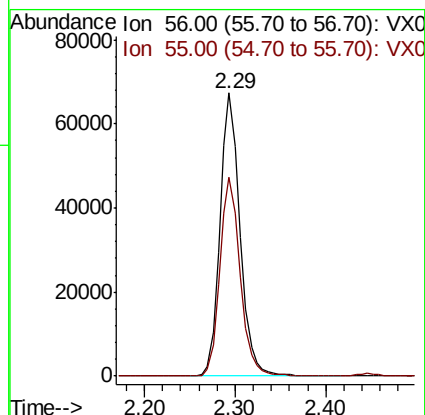
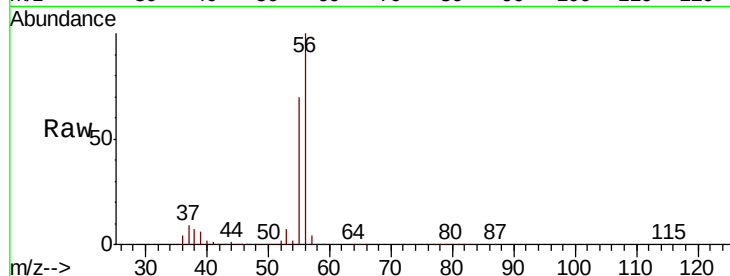
VSTDCCC050EC

Tot Ion: 56 Resp: 103957

Ion Ratio Lower Upper

56 100

55 70.8 56.6 85.0



#14

Allyl chloride

Concen: 47.555 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009365.D

Acq: 06 May 2019 20:56

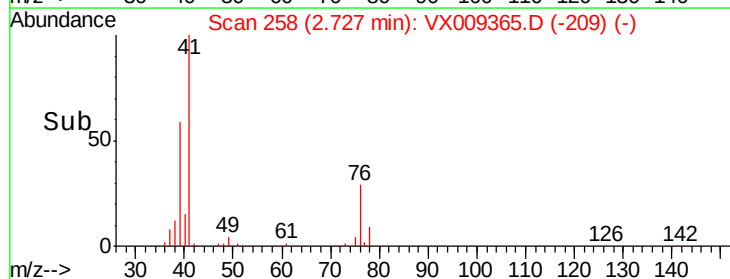
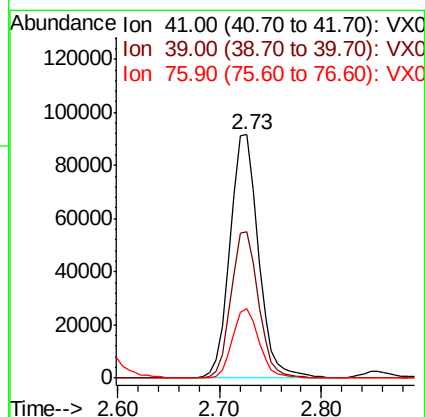
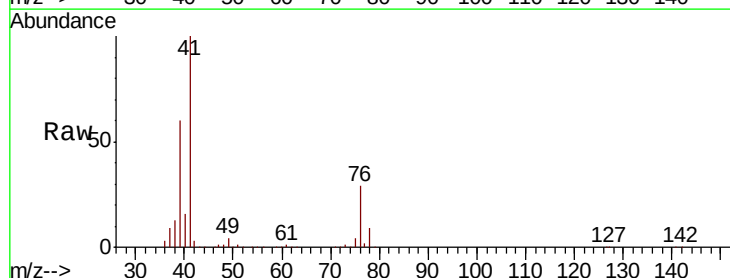
Tgt Ion: 41 Resp: 177140

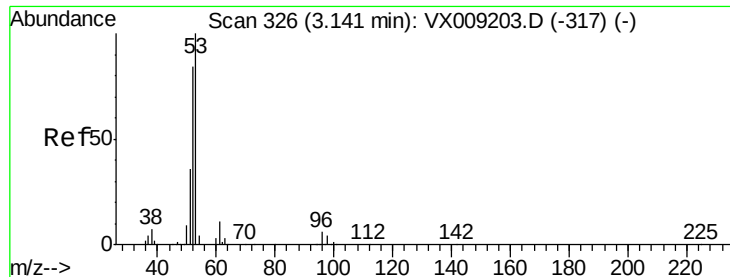
Ion Ratio Lower Upper

41 100

39 57.6 46.7 70.1

76 27.0 21.8 32.8





#15

Acrylonitrile

Concen: 264.842 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009365.D

Acq: 06 May 2019 20:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

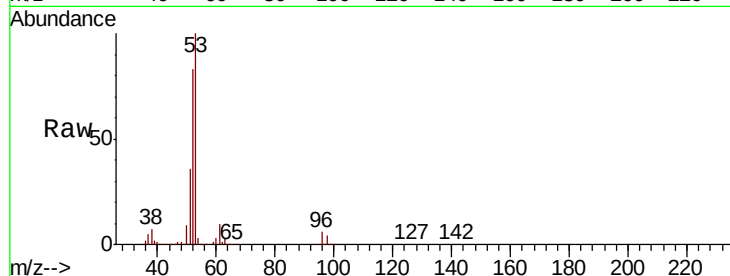
Tot Ion: 53 Resp: 333333

Ion Ratio Lower Upper

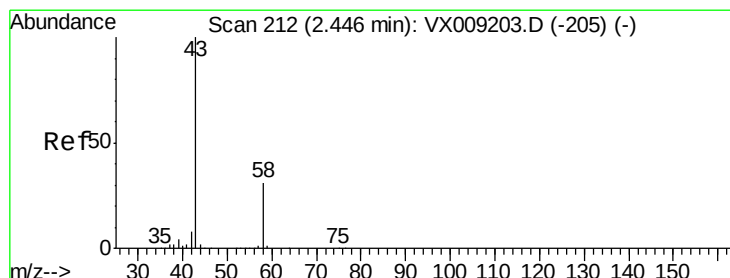
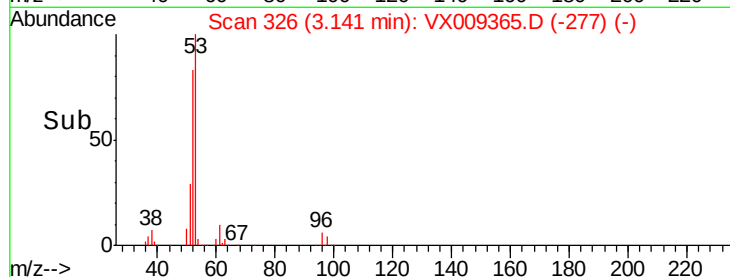
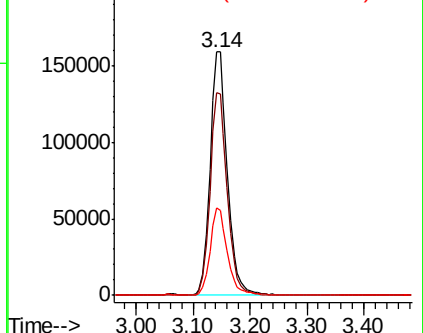
53 100

52 83.0 66.9 100.3

51 35.6 28.2 42.2



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: 242.565 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009365.D

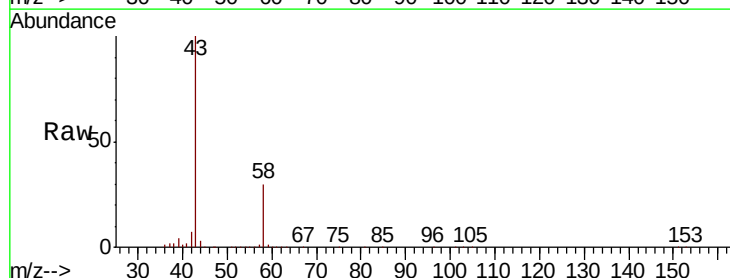
Acq: 06 May 2019 20:56

Tgt Ion: 43 Resp: 289644

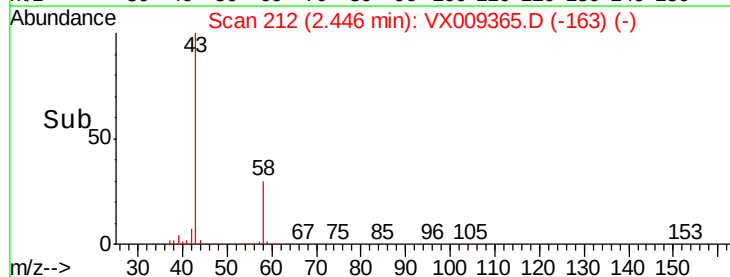
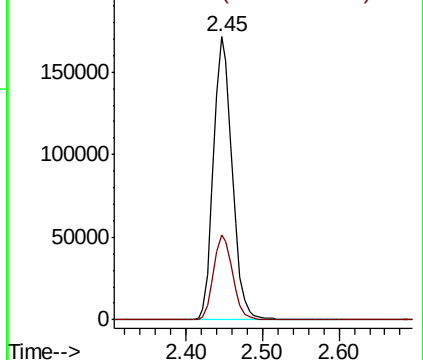
Ion Ratio Lower Upper

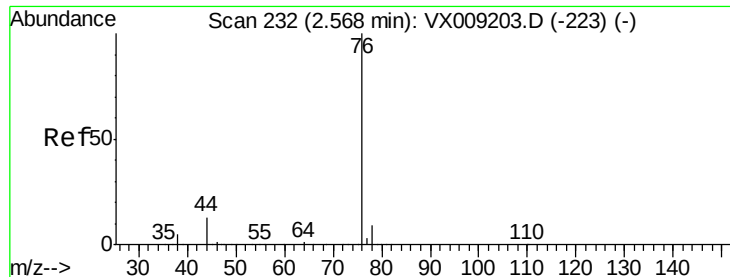
43 100

58 30.2 24.9 37.3



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

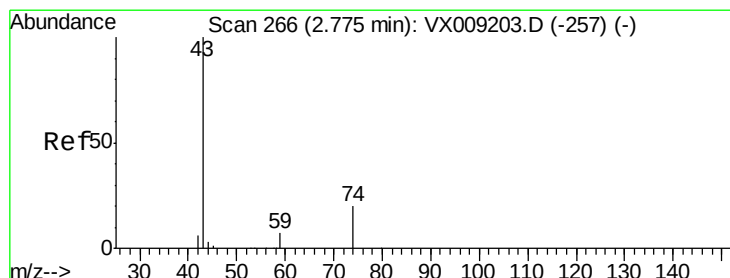
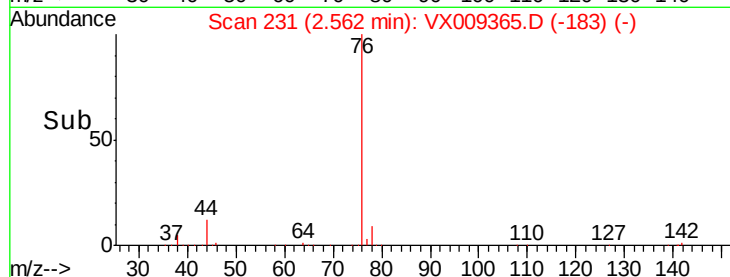
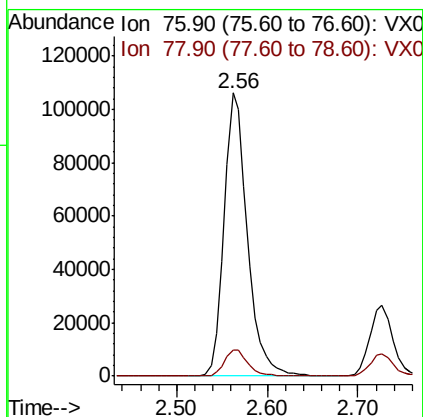
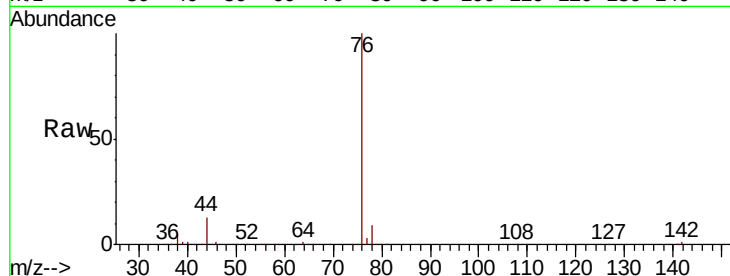




#17
Carbon Disulfide
Concen: 44.252 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX009365.D
Acq: 06 May 2019 20:56

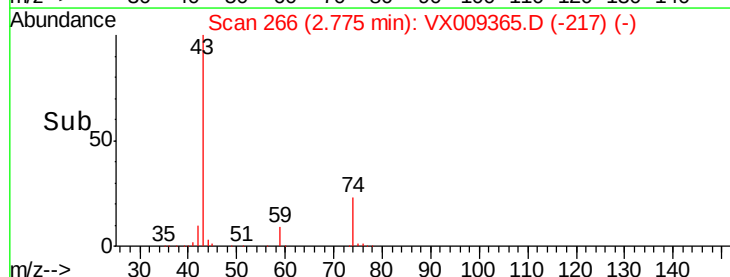
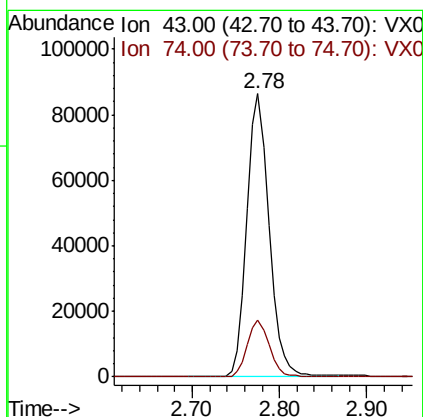
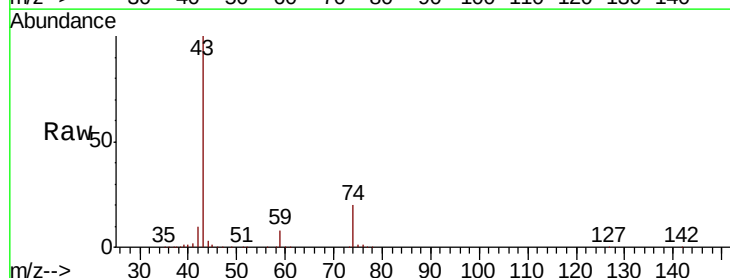
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

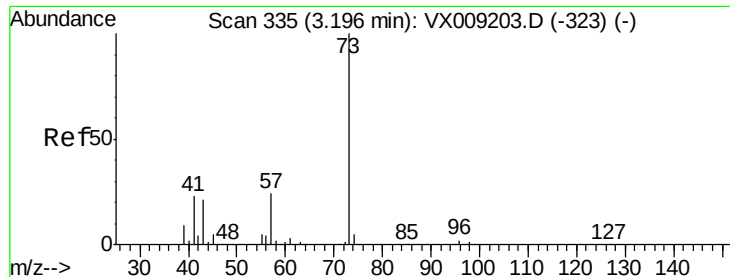
Tot Ion: 76 Resp: 189901
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 53.763 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009365.D
Acq: 06 May 2019 20:56

Tgt Ion: 43 Resp: 152674
Ion Ratio Lower Upper
43 100
74 19.4 16.2 24.4



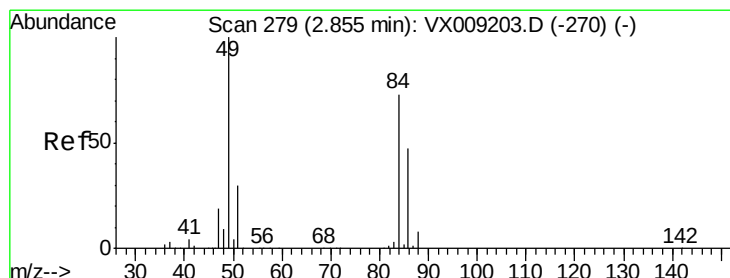
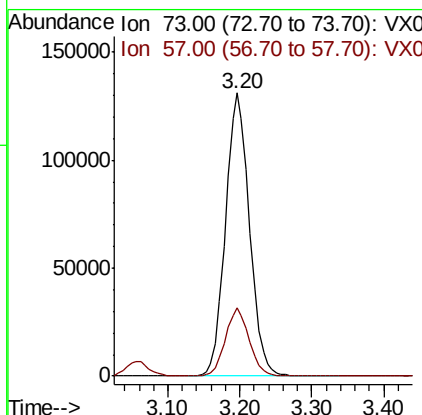
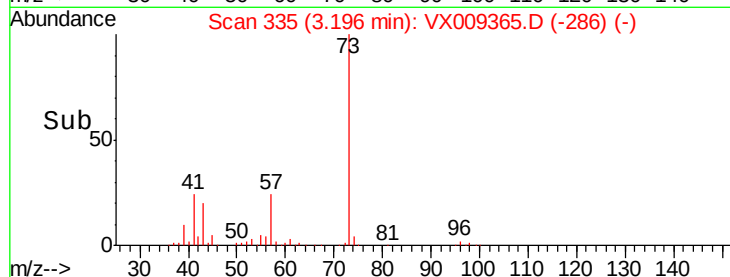
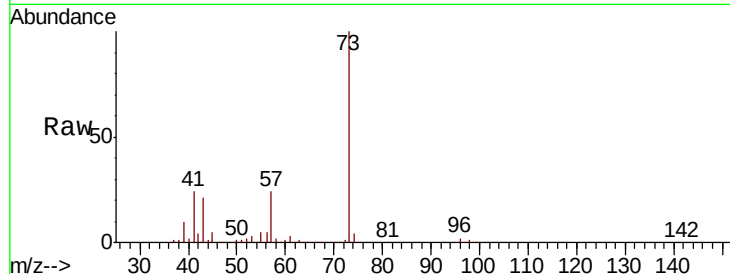


#19

Methyl tert-butyl Ether
 Concen: 51.039 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX009365.D
 Acq: 06 May 2019 20:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

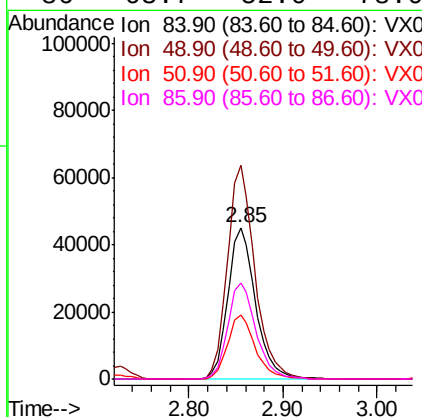
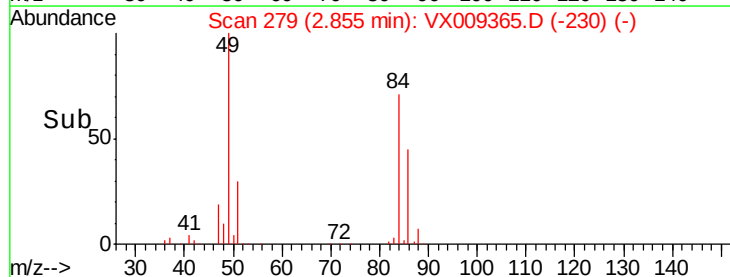
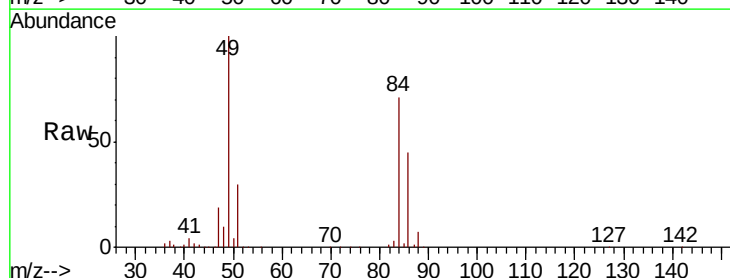
Tot Ion: 73 Resp: 302942
 Ion Ratio Lower Upper
 73 100
 57 24.4 19.3 28.9

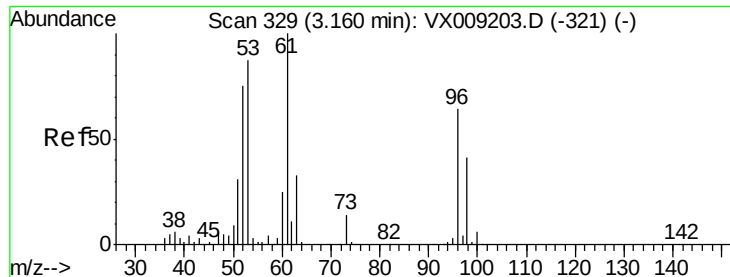


#20

Methylene Chloride
 Concen: 47.391 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009365.D
 Acq: 06 May 2019 20:56

Tgt Ion: 84 Resp: 91625
 Ion Ratio Lower Upper
 84 100
 49 140.9 109.9 164.9
 51 42.3 32.7 49.1
 86 63.7 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 47.232 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009365.D

Acq: 06 May 2019 20:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

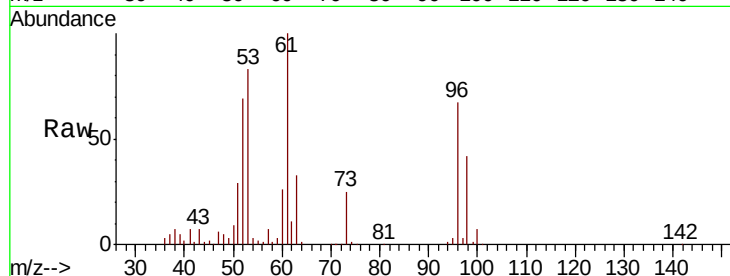
Tot Ion: 96 Resp: 78294

Ion Ratio Lower Upper

96 100

61 148.5 124.5 186.7

98 62.3 50.4 75.6

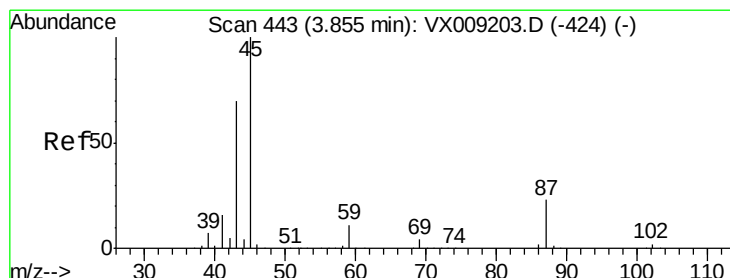
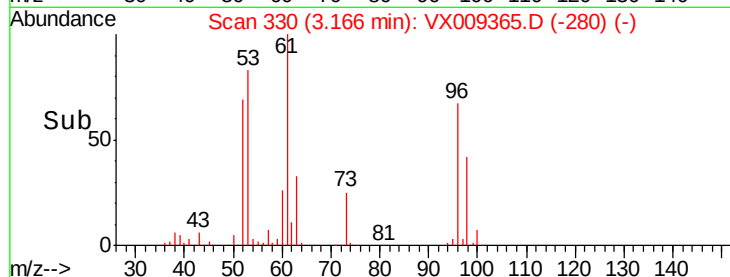
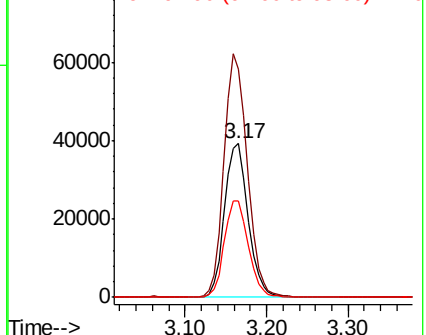


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.171 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009365.D

Acq: 06 May 2019 20:56

Tgt Ion: 45 Resp: 359400

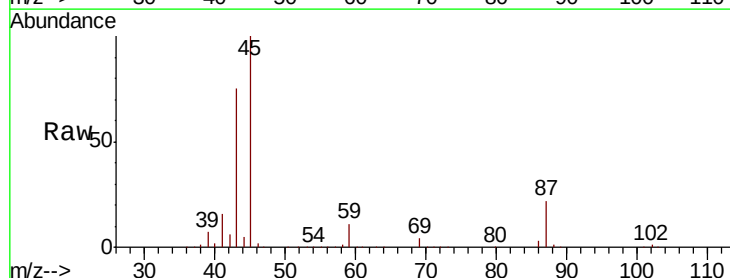
Ion Ratio Lower Upper

45 100

43 74.7 56.1 84.1

87 21.9 18.1 27.1

59 10.6 8.5 12.7



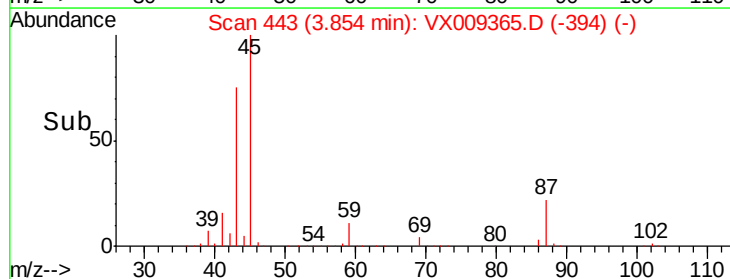
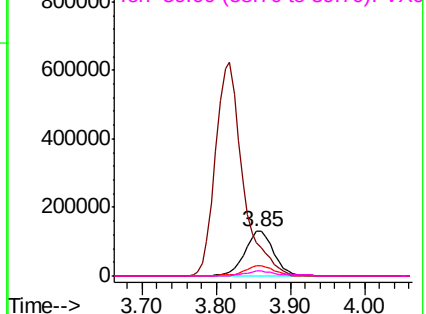
Abundance

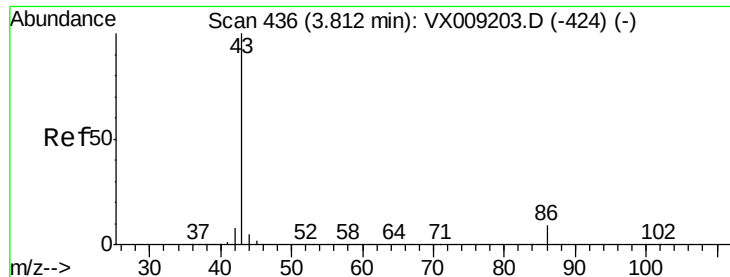
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 260.250 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009365.D

Acq: 06 May 2019 20:56

Instrument :

MSVOA_X

ClientSampleId :

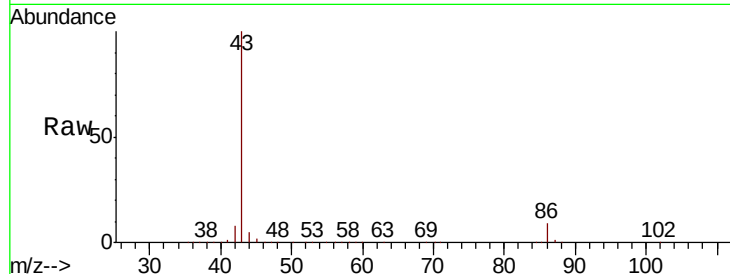
VSTDCCC050EC

Tot Ion: 43 Resp: 1596413

Ion Ratio Lower Upper

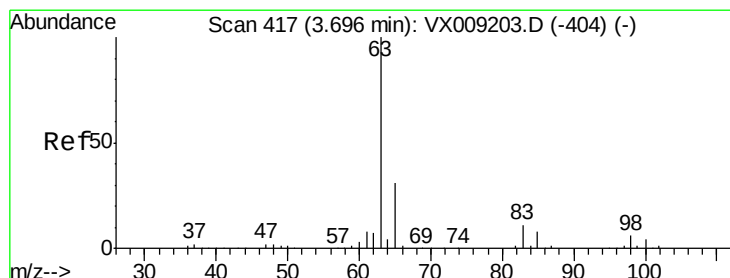
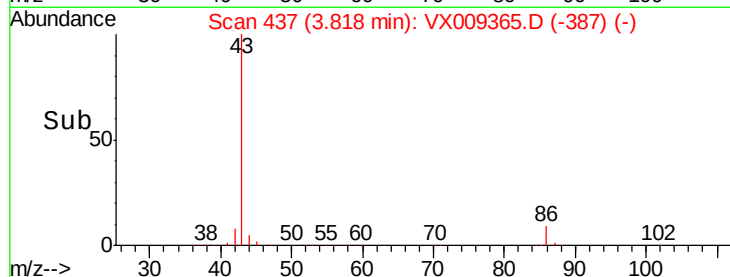
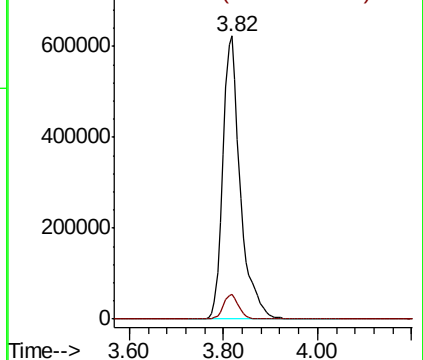
43 100

86 8.7 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.803 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009365.D

Acq: 06 May 2019 20:56

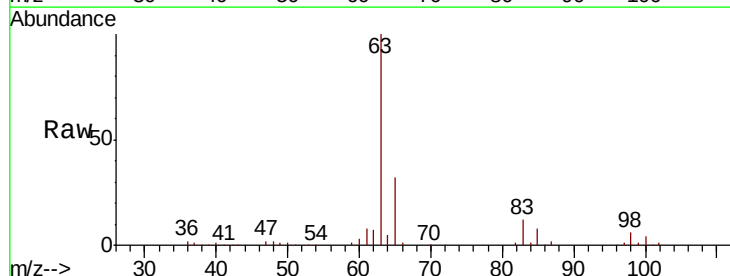
Tgt Ion: 63 Resp: 172460

Ion Ratio Lower Upper

63 100

98 6.3 3.0 9.2

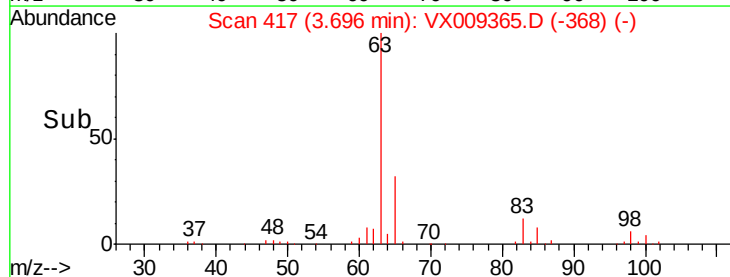
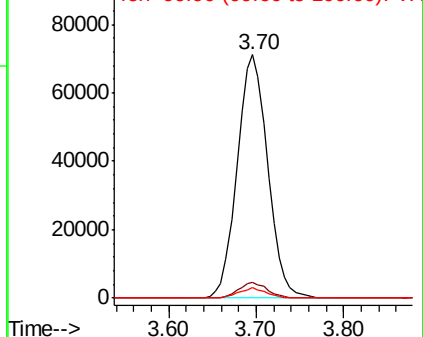
100 4.2 2.0 6.0

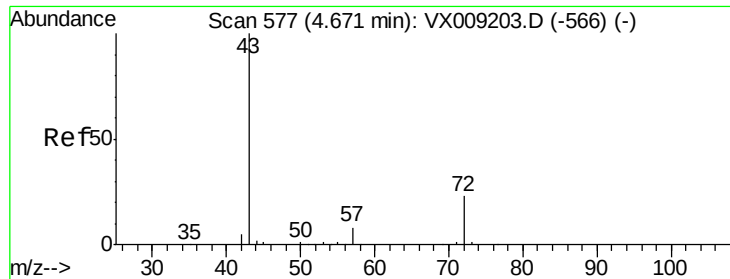


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 268.557 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009365.D

Acq: 06 May 2019 20:56

Instrument :

MSVOA_X

ClientSampleId :

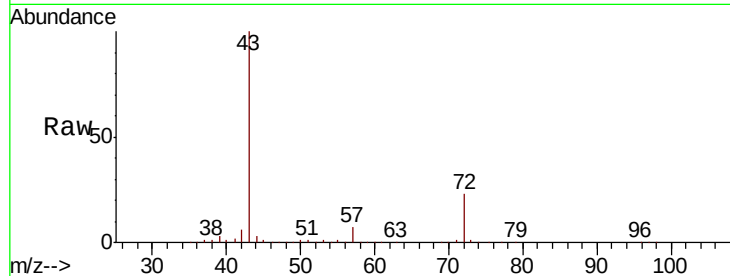
VSTDCCC050EC

Tot Ion: 43 Resp: 498328

Ion Ratio Lower Upper

43 100

72 22.8 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

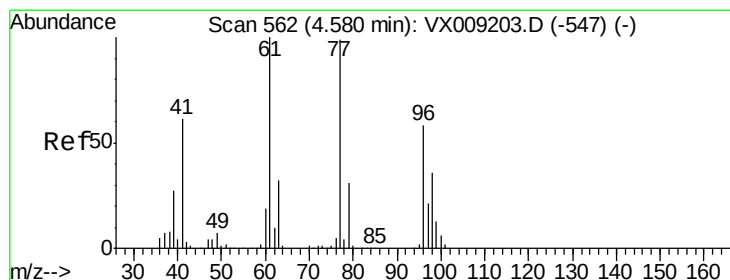
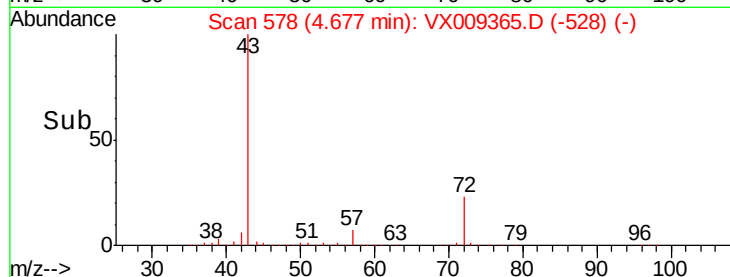
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 41.606 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009365.D

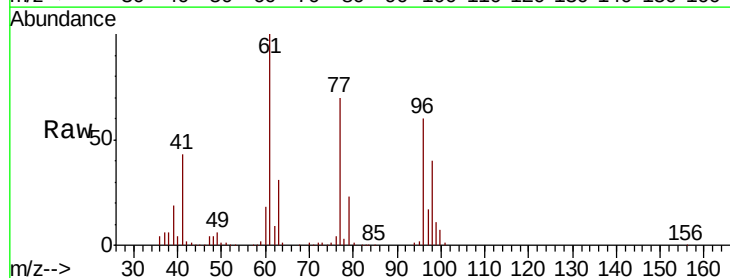
Acq: 06 May 2019 20:56

Tgt Ion: 77 Resp: 109439

Ion Ratio Lower Upper

77 100

97 23.5 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

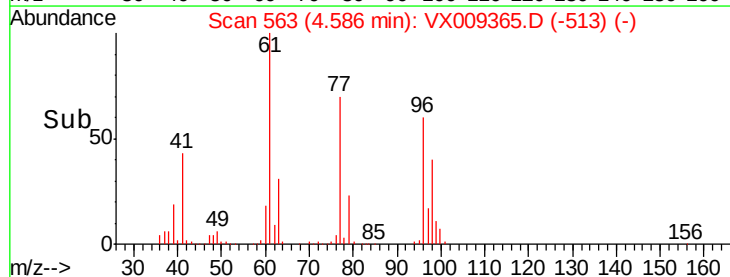
20000

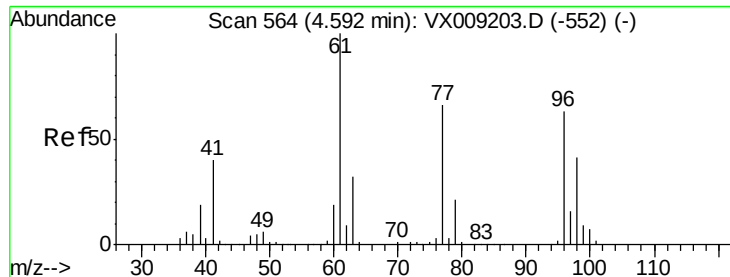
10000

0

4.40 4.50 4.60 4.70

Time-->



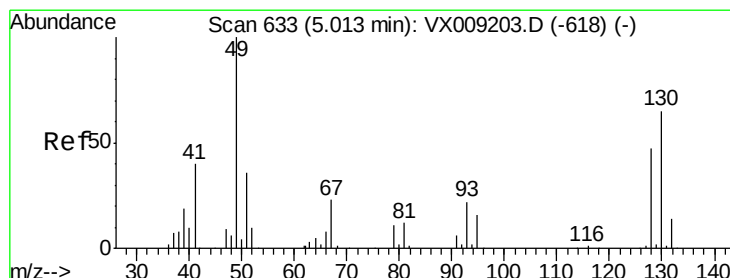
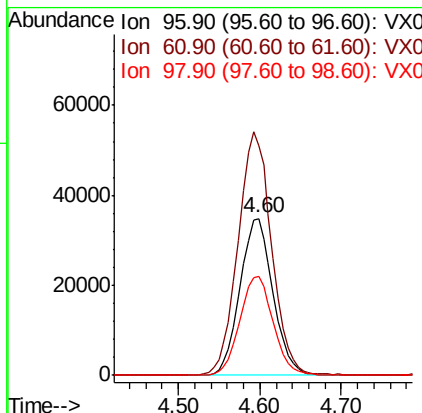
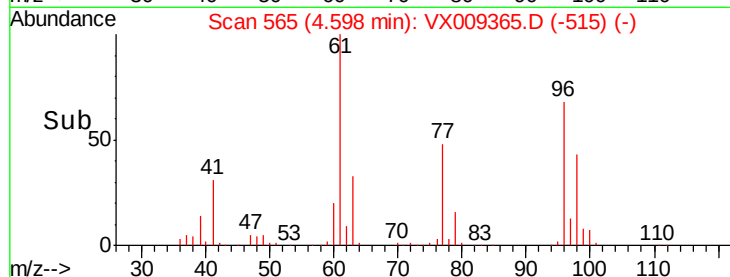
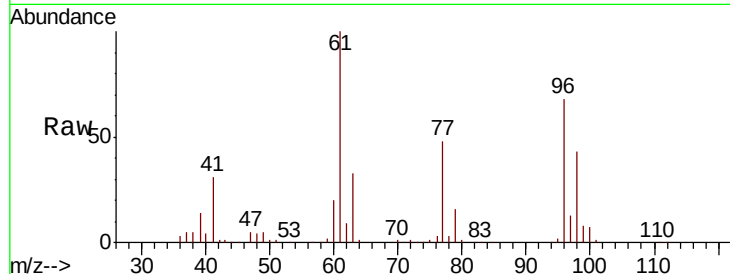


#27

cis-1,2-Dichloroethene
Concen: 49.384 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009365.D
Acq: 06 May 2019 20:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

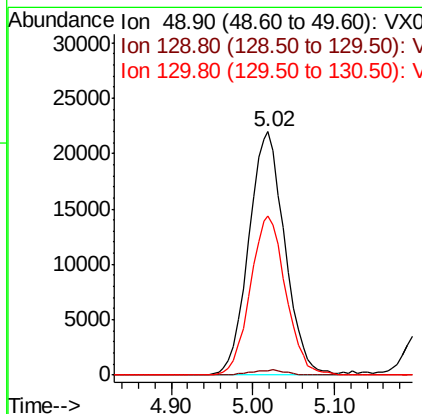
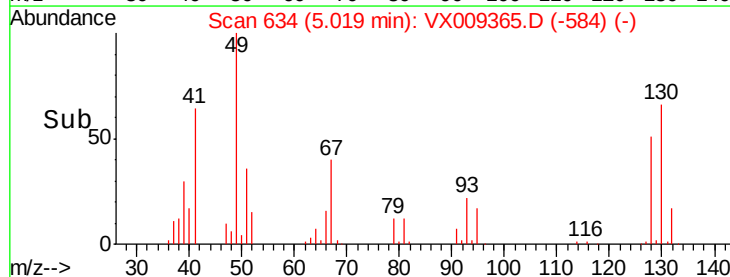
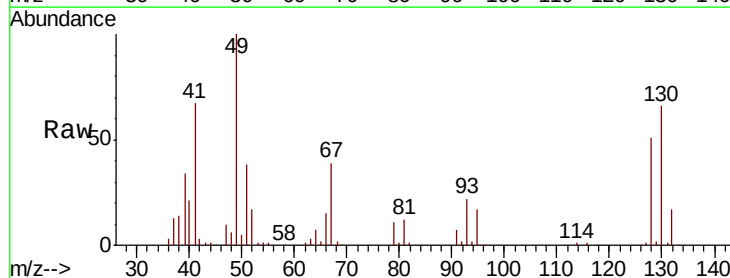
Tot Ion: 96 Resp: 97711
Ion Ratio Lower Upper
96 100
61 159.0 0.0 324.0
98 64.0 0.0 130.4

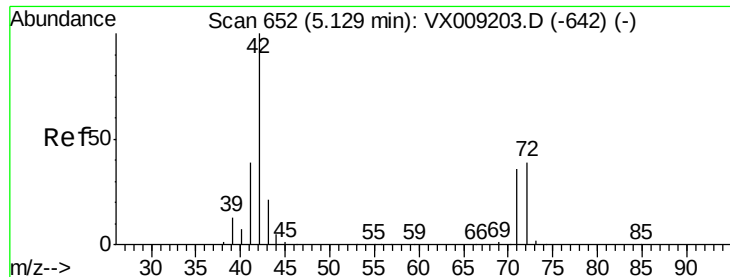


#28

Bromochloromethane
Concen: 47.390 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX009365.D
Acq: 06 May 2019 20:56

Tgt Ion: 49 Resp: 67617
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.8
130 64.2 51.2 76.8

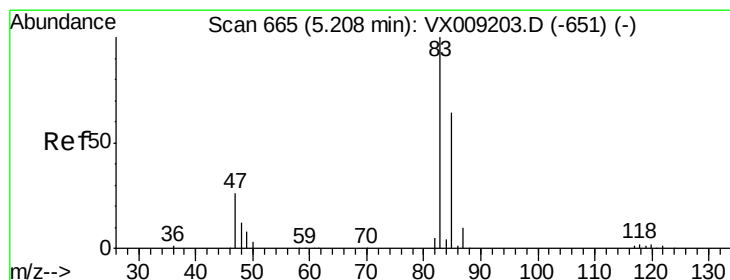
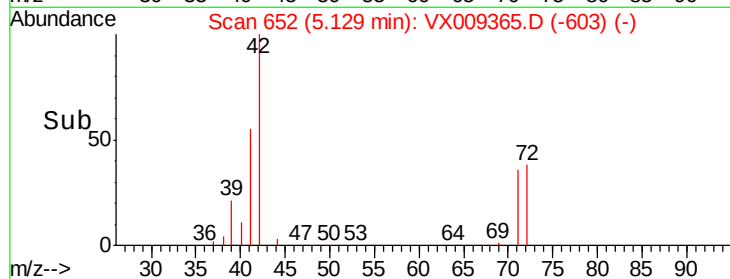
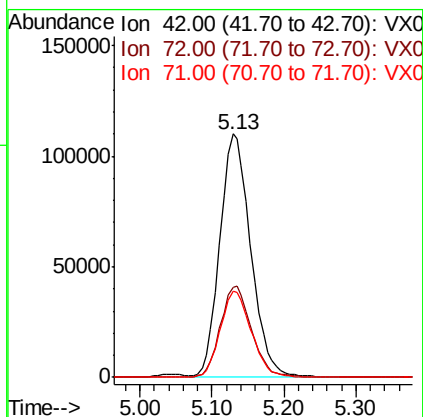
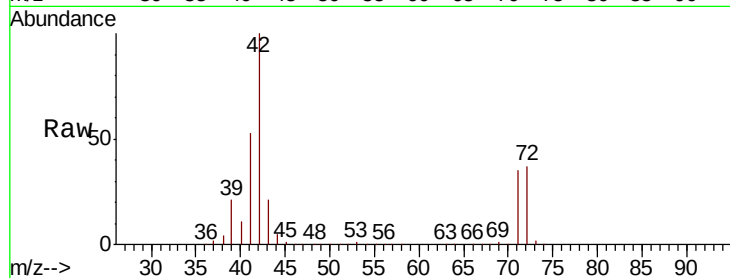




#29
Tetrahydrofuran
Concen: 273.881 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX009365.D
Acq: 06 May 2019 20:56

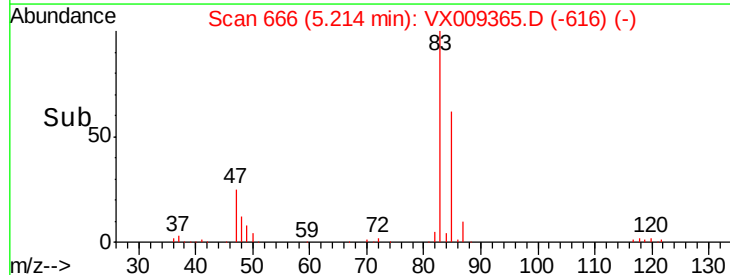
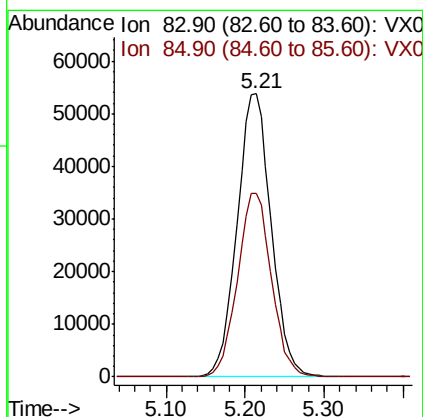
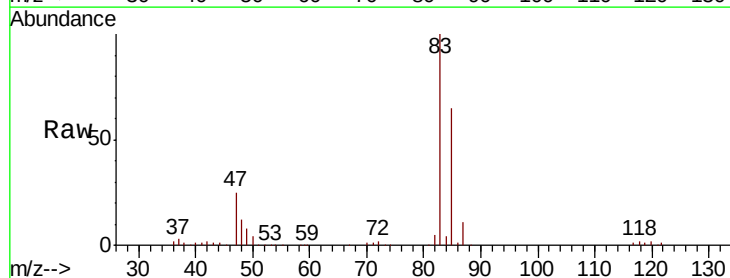
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

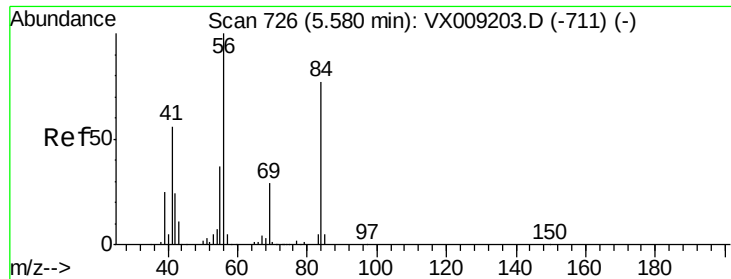
Tot Ion	Ratio	Lower	Upper
42	100		
72	38.1	30.4	45.6
71	35.6	28.6	43.0



#30
Chloroform
Concen: 50.617 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009365.D
Acq: 06 May 2019 20:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.5	77.3

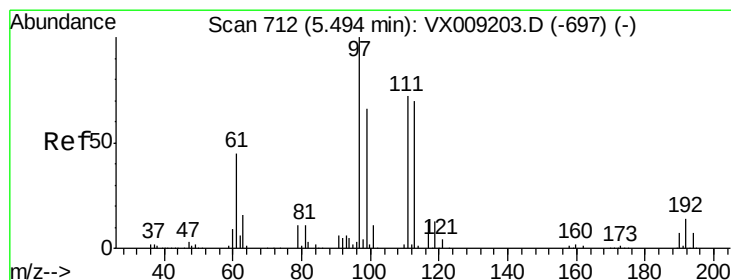
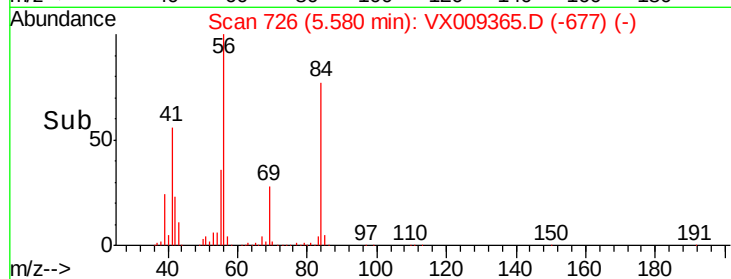
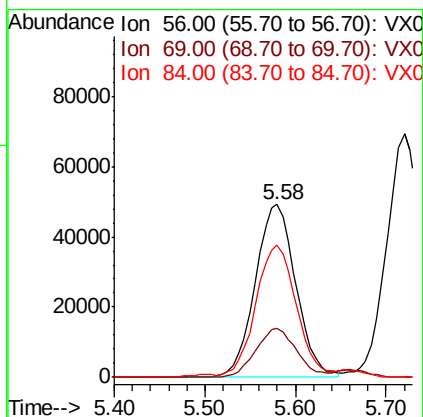
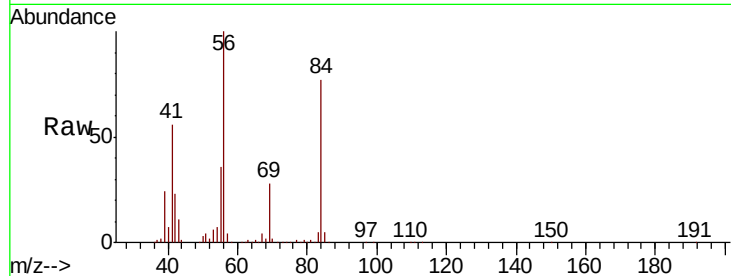




#31
Cyclohexane
Concen: 46.351 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009365.D
Acq: 06 May 2019 20:56

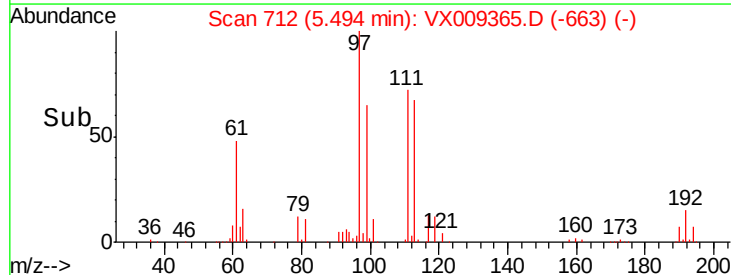
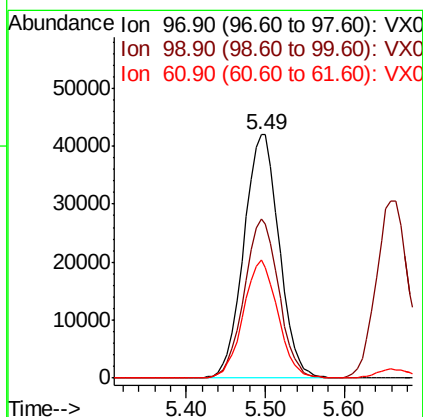
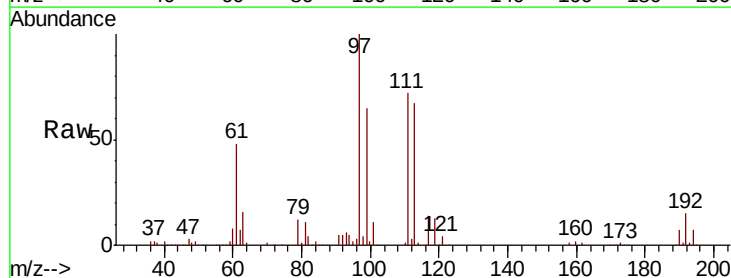
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

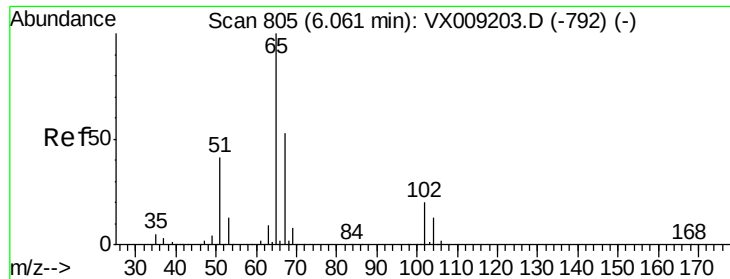
Tot Ion: 56 Resp: 152389
Ion Ratio Lower Upper
56 100
69 28.3 23.4 35.0
84 75.4 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 49.212 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX009365.D
Acq: 06 May 2019 20:56

Tgt Ion: 97 Resp: 130935
Ion Ratio Lower Upper
97 100
99 63.8 51.8 77.8
61 47.4 37.8 56.8

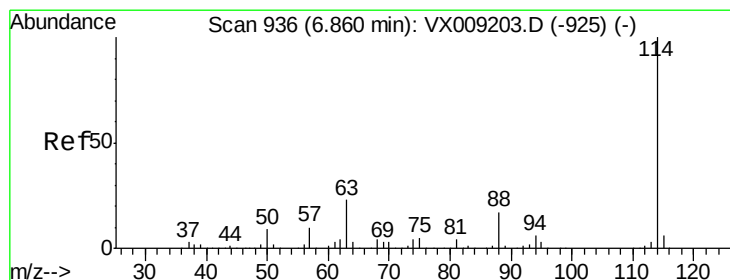
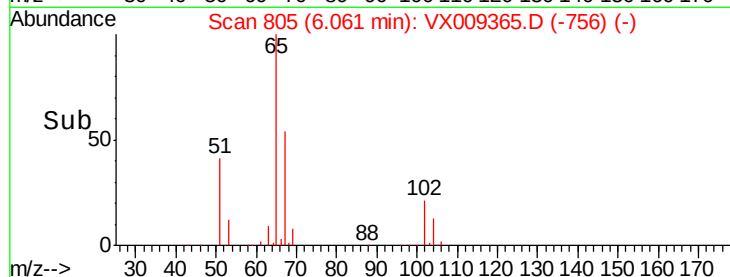
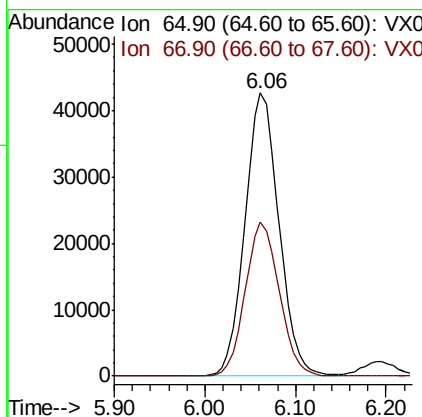
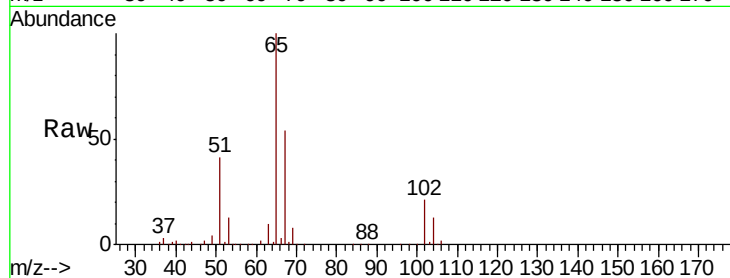




#33
 1,2-Dichloroethane-d4
 Concen: 49.871 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009365.D
 Acq: 06 May 2019 20:56

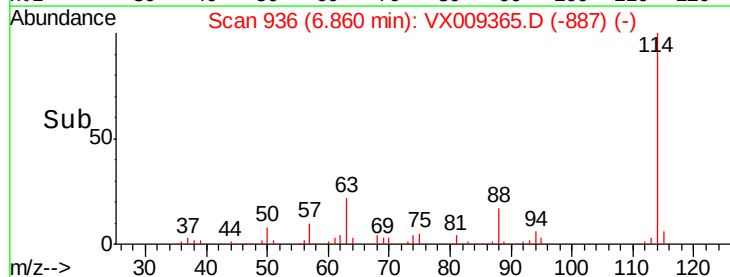
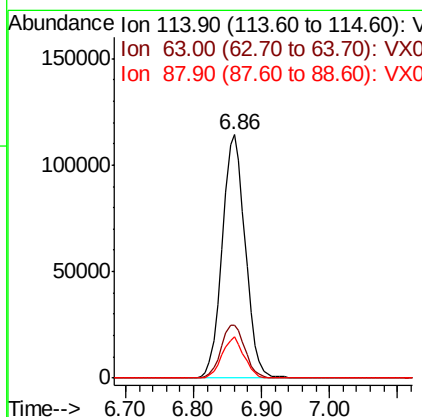
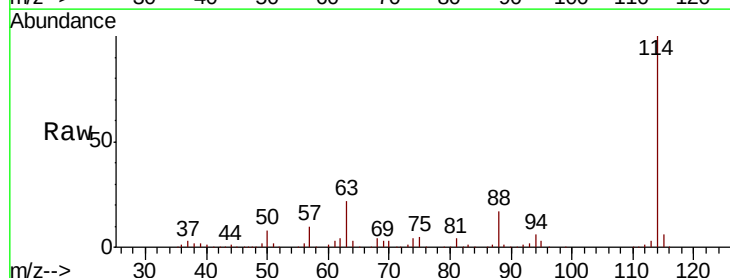
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

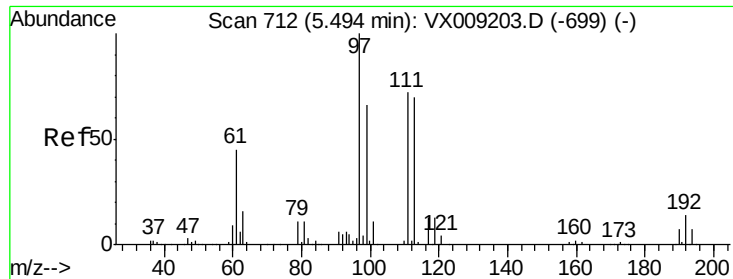
Tot Ion: 65 Resp: 110902
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009365.D
 Acq: 06 May 2019 20:56

Tgt Ion: 114 Resp: 268281
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 45.6
 88 16.9 0.0 33.2

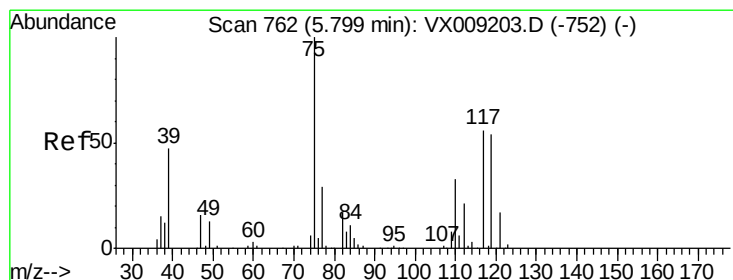
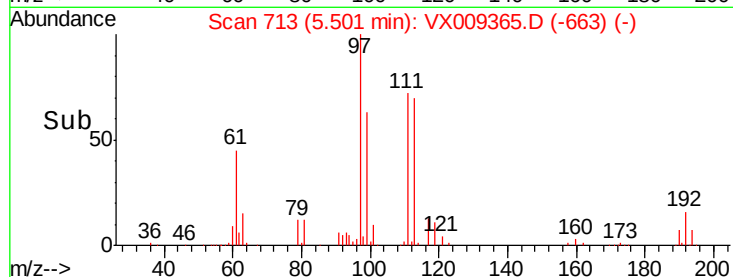
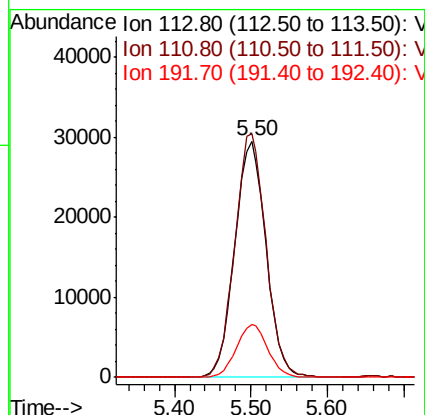
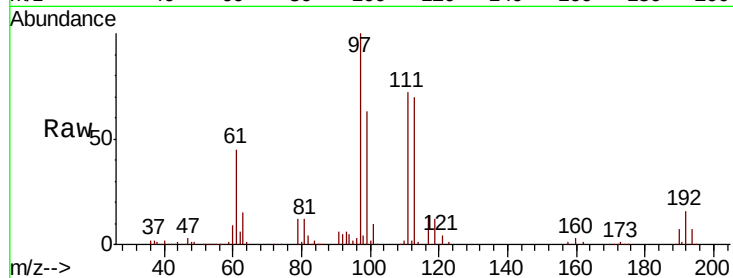




#35
 Dibromofluoromethane
 Concen: 49.577 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009365.D
 Acq: 06 May 2019 20:56

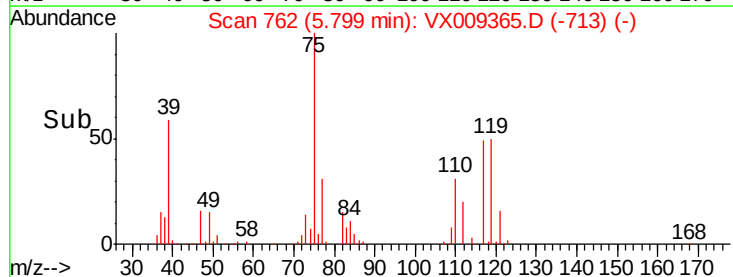
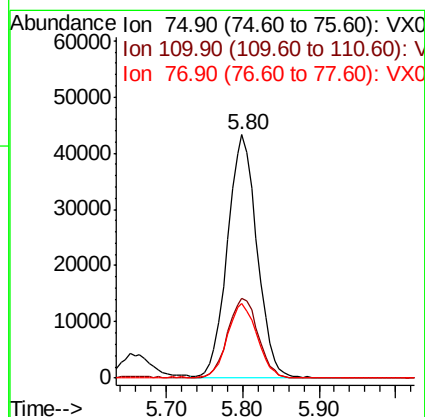
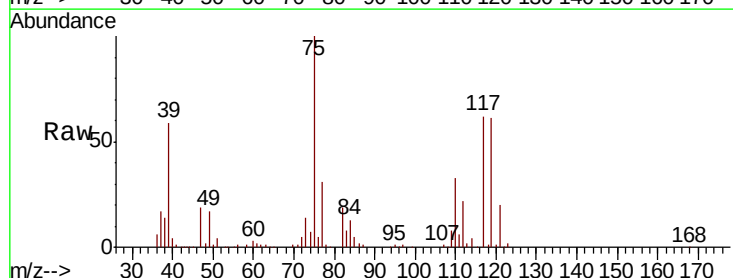
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

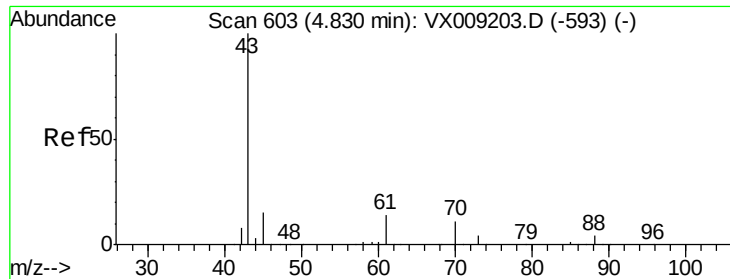
Tot Ion:113 Resp: 83612
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.8 124.2
 192 22.5 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 46.477 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009365.D
 Acq: 06 May 2019 20:56

Tgt Ion: 75 Resp: 115876
 Ion Ratio Lower Upper
 75 100
 110 33.9 16.9 50.6
 77 30.7 24.8 37.2

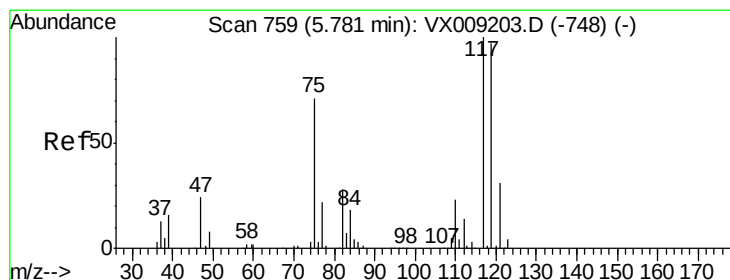
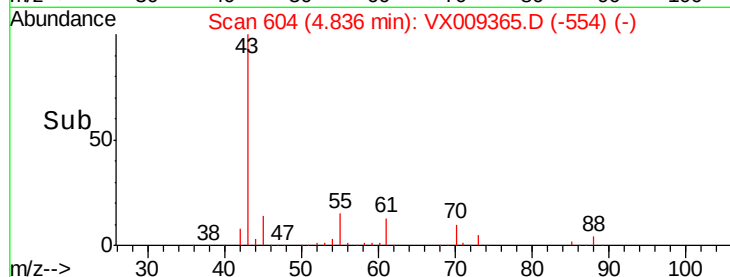
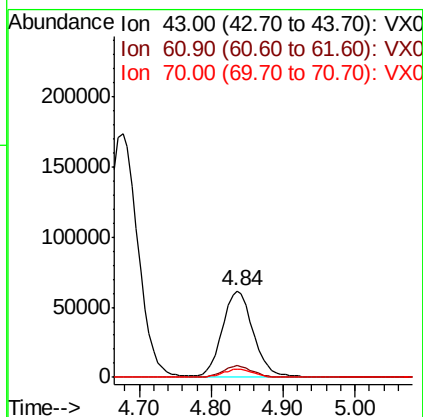
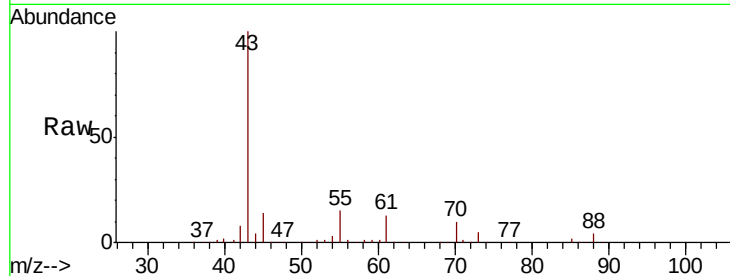




#37
Ethyl Acetate
Concen: 52.919 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX009365.D
Acq: 06 May 2019 20:56

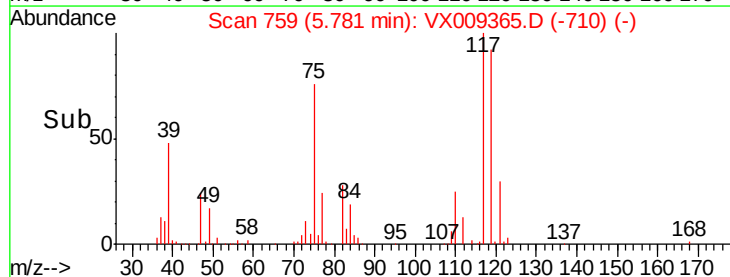
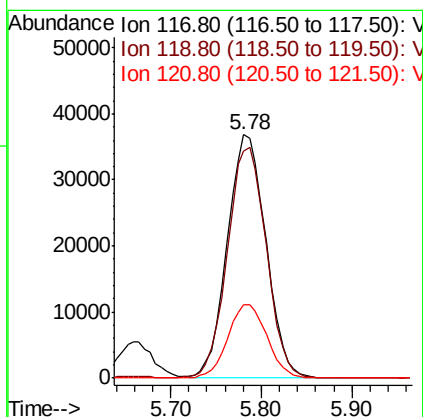
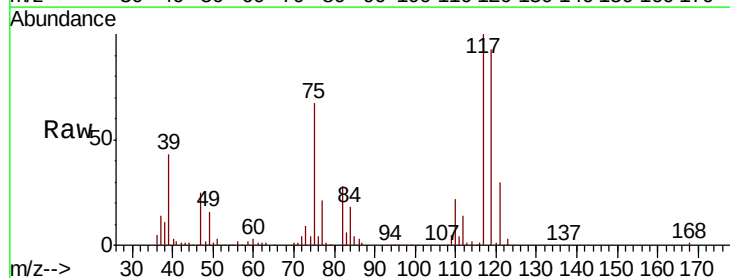
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

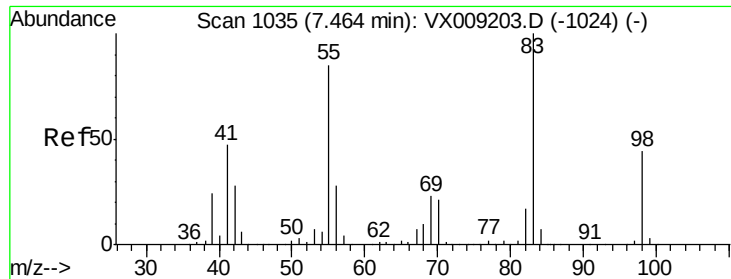
Tot Ion: 43 Resp: 183827
Ion Ratio Lower Upper
43 100
61 12.7 10.5 15.7
70 9.5 7.9 11.9



#38
Carbon Tetrachloride
Concen: 48.106 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX009365.D
Acq: 06 May 2019 20:56

Tgt Ion: 117 Resp: 108970
Ion Ratio Lower Upper
117 100
119 93.1 77.5 116.3
121 30.2 24.7 37.1

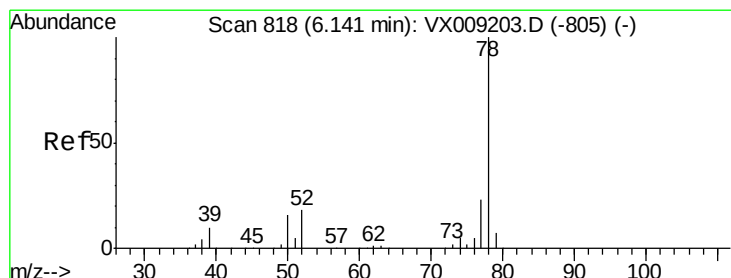
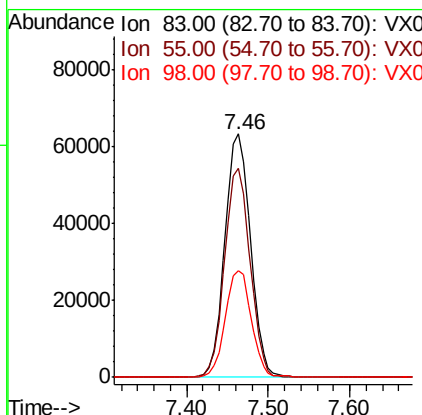
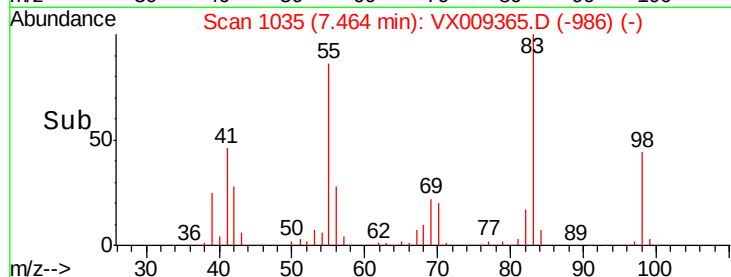
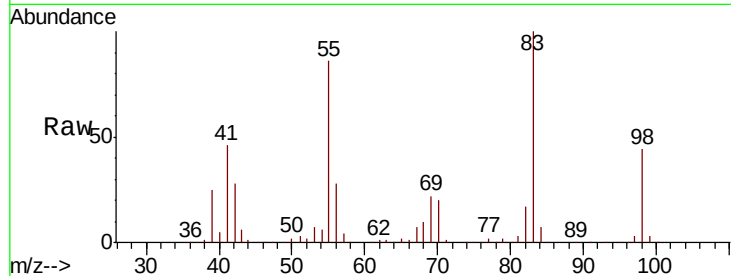




#39
Methylvlcyclohexane
Concen: 44.891 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009365.D
Acq: 06 May 2019 20:56

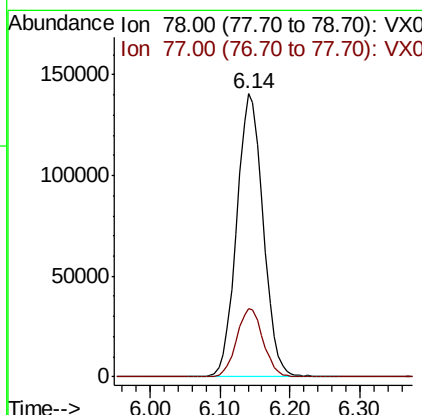
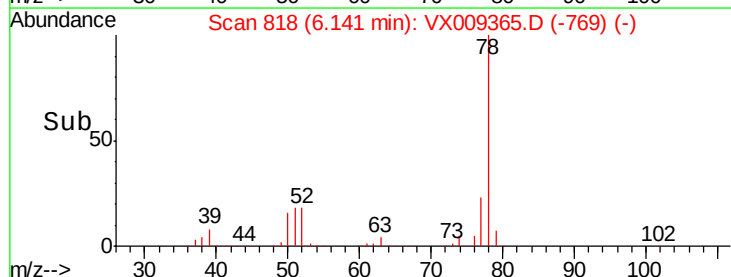
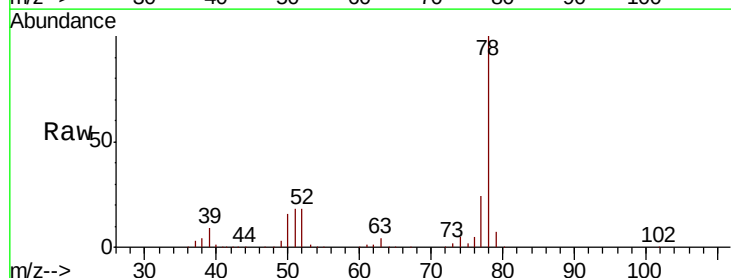
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

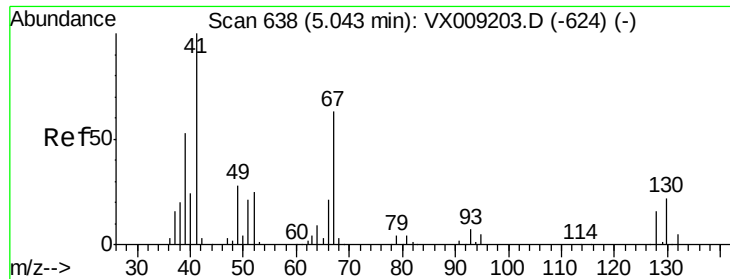
Tot Ion: 83 Resp: 137449
Ion Ratio Lower Upper
83 100
55 85.8 67.7 101.5
98 43.9 35.5 53.3



#40
Benzene
Concen: 47.840 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009365.D
Acq: 06 May 2019 20:56

Tgt Ion: 78 Resp: 369130
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2

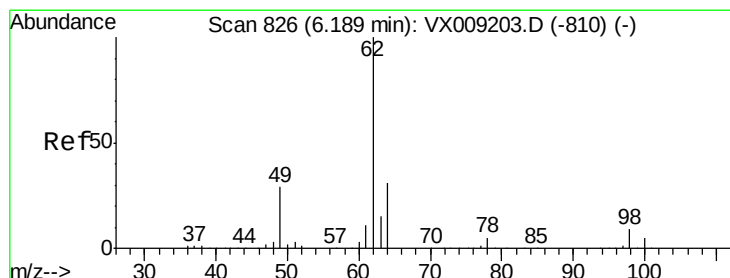
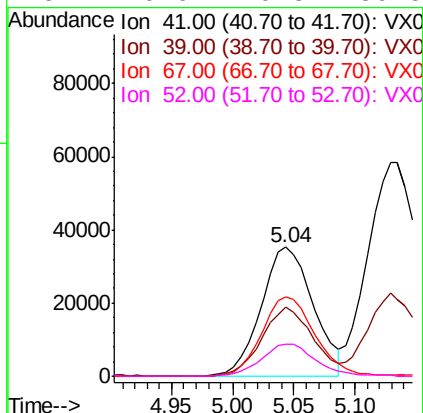
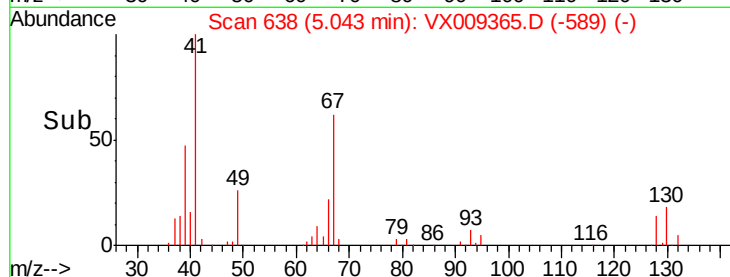
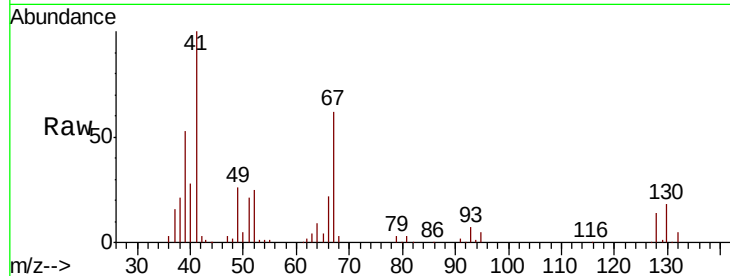




#41
Methacrylonitrile
Concen: 50.612 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009365.D
Acq: 06 May 2019 20:56

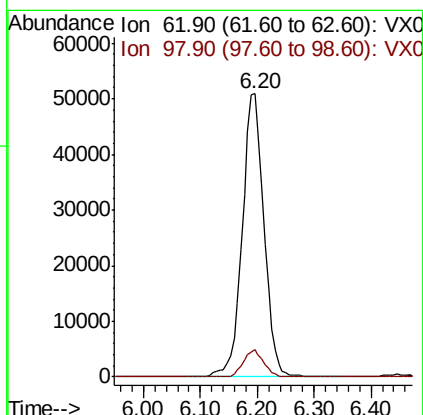
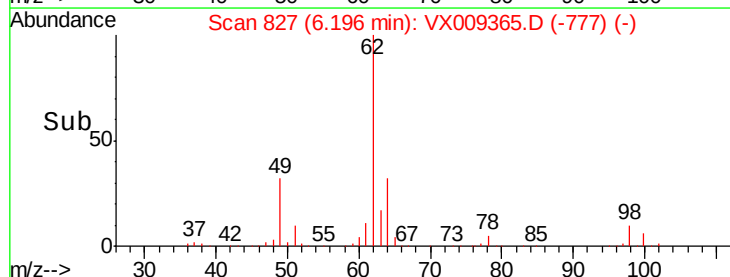
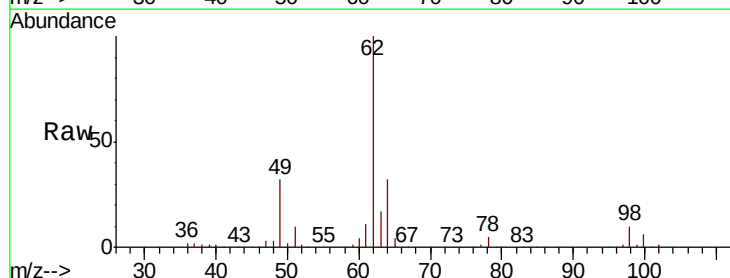
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

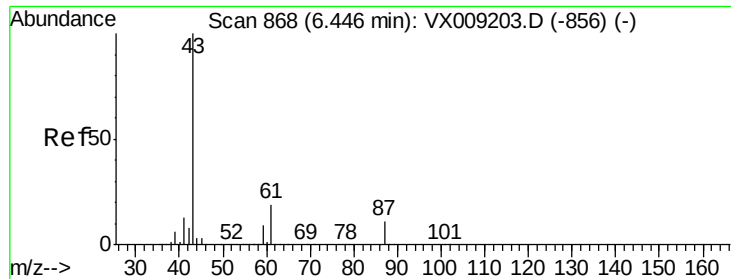
Tot Ion:	41	Resp:	104656
Ion	Ratio	Lower	Upper
41	100		
39	52.1	42.0	63.0
67	63.2	49.8	74.8
52	26.6	20.3	30.5



#42
1,2-Dichloroethane
Concen: 49.063 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX009365.D
Acq: 06 May 2019 20:56

Tgt Ion:	62	Resp:	135798
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.2





#43

Isopropyl Acetate

Concen: 51.633 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009365.D

Acq: 06 May 2019 20:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

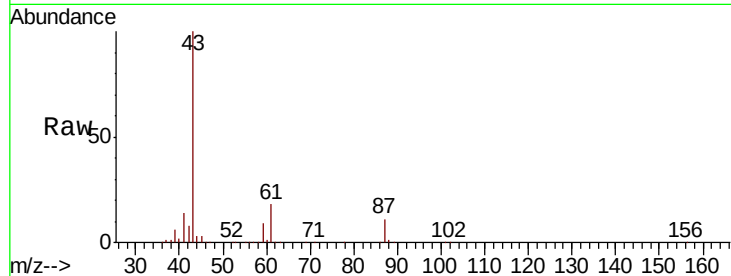
Tot Ion: 43 Resp: 286895

Ion Ratio Lower Upper

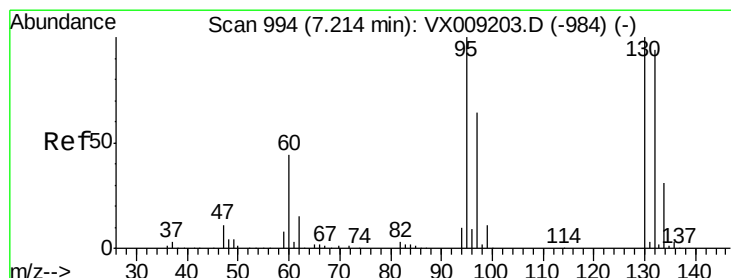
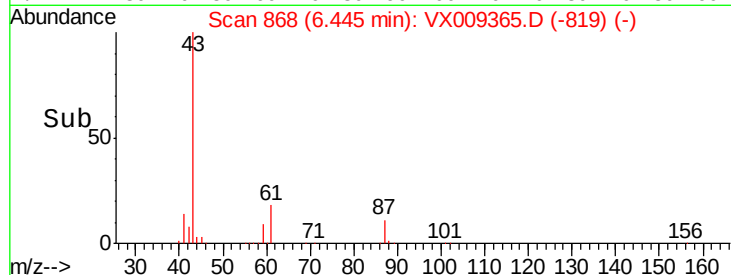
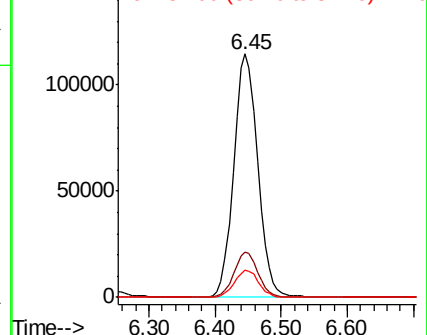
43 100

61 18.7 15.1 22.7

87 11.3 9.0 13.6



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: 46.927 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009365.D

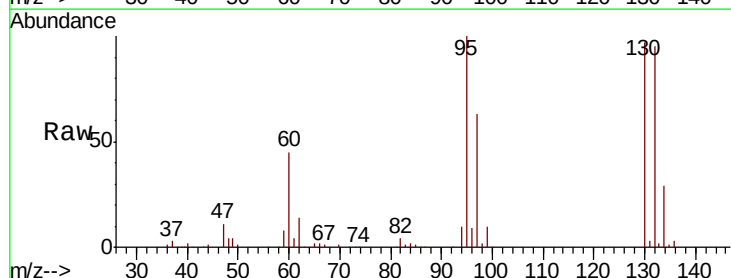
Acq: 06 May 2019 20:56

Tgt Ion:130 Resp: 87535

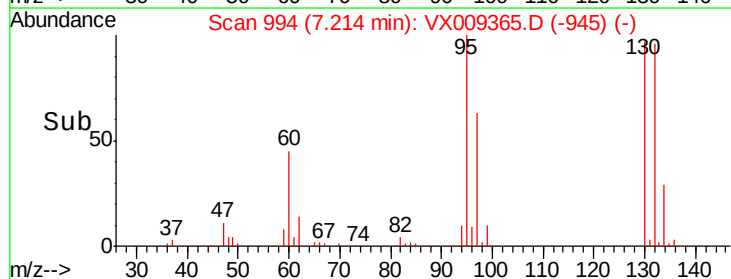
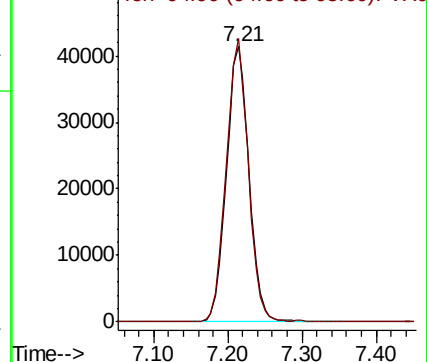
Ion Ratio Lower Upper

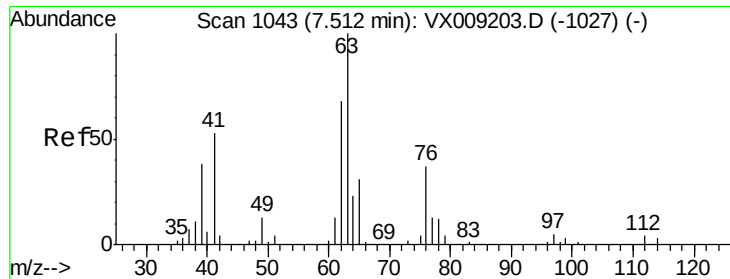
130 100

95 102.8 0.0 199.2



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

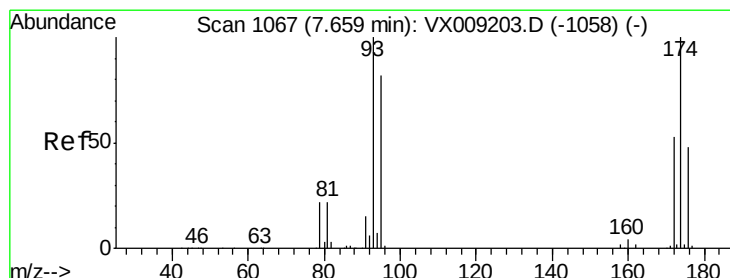
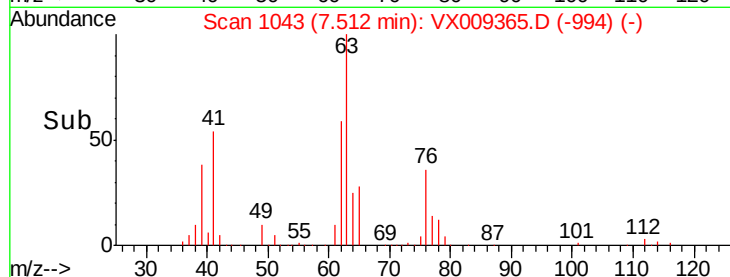
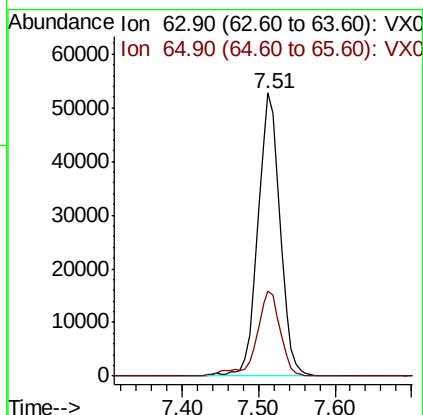
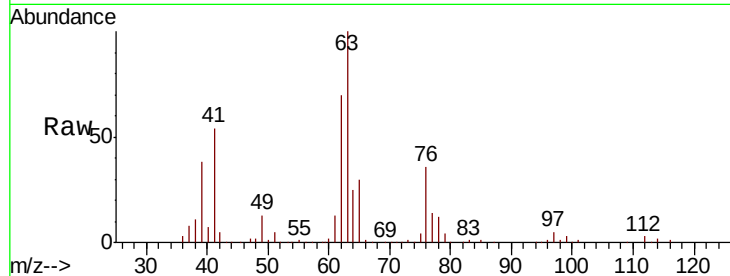




#45
 1,2-Dichloropropane
 Concen: 49.044 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009365.D
 Acq: 06 May 2019 20:56

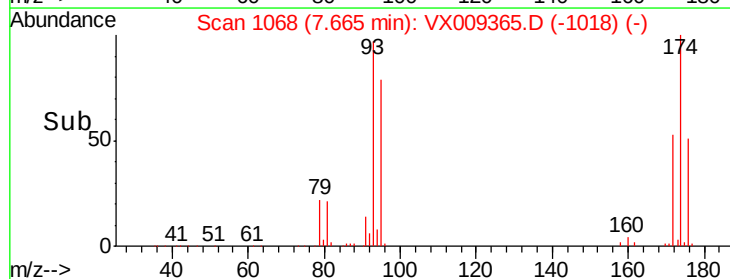
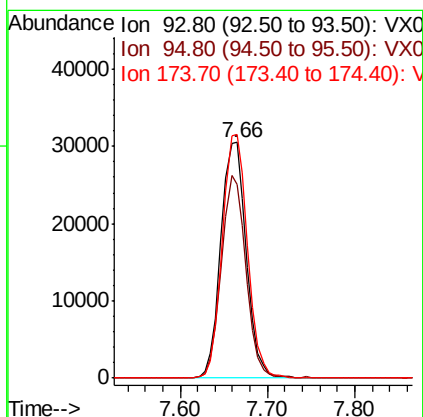
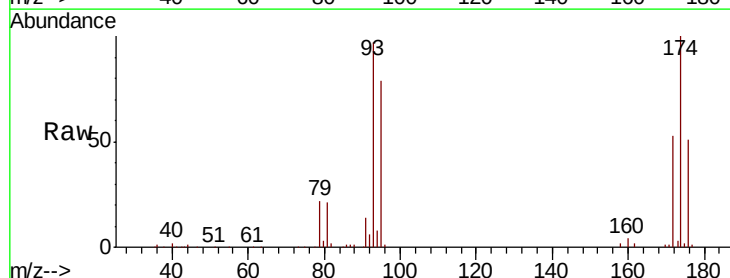
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

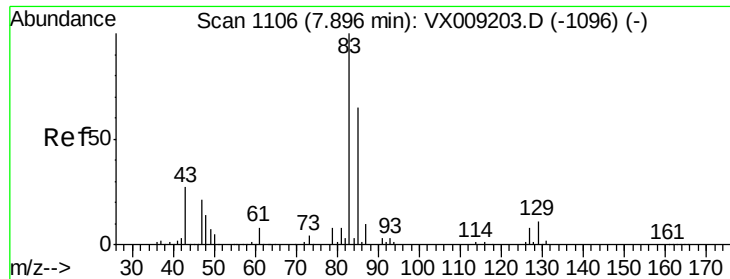
Tot Ion: 63 Resp: 107154
 Ion Ratio Lower Upper
 63 100
 65 29.8 25.0 37.6



#46
 Dibromomethane
 Concen: 48.538 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX009365.D
 Acq: 06 May 2019 20:56

Tgt Ion: 93 Resp: 61582
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.5 99.7
 174 102.4 82.1 123.1





#47

Bromodichloromethane

Concen: 49.635 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009365.D

Acq: 06 May 2019 20:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

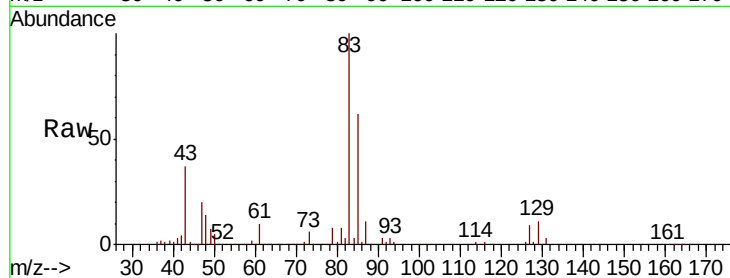
Tot Ion: 83 Resp: 125617

Ion Ratio Lower Upper

83 100

85 61.8 52.4 78.6

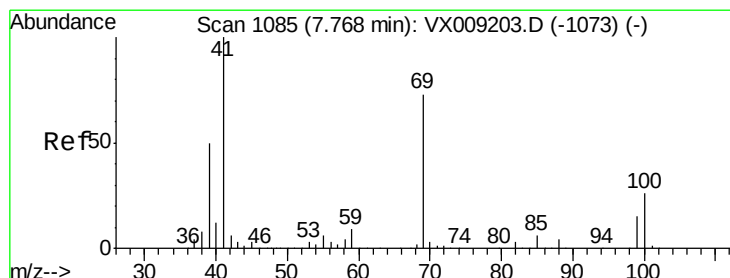
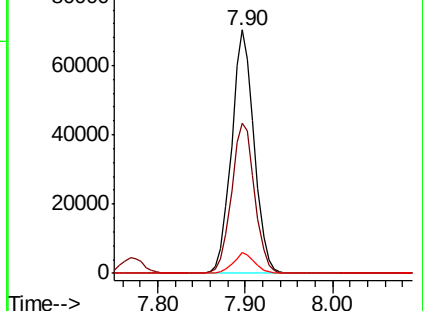
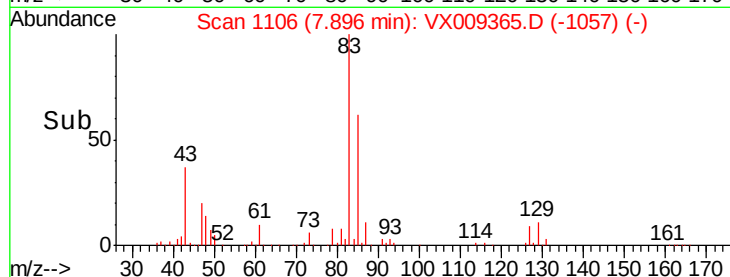
127 8.6 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.854 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009365.D

Acq: 06 May 2019 20:56

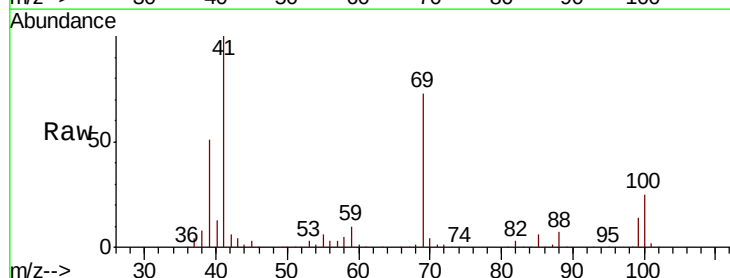
Tgt Ion: 41 Resp: 142943

Ion Ratio Lower Upper

41 100

69 73.6 59.1 88.7

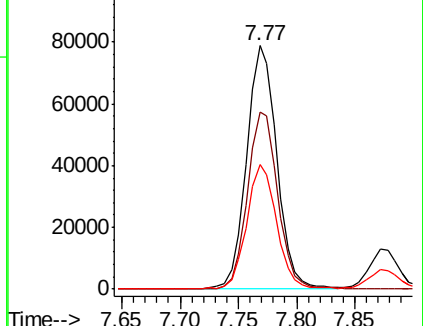
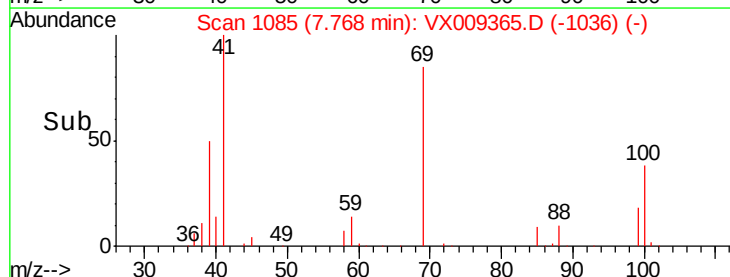
39 50.7 40.4 60.6

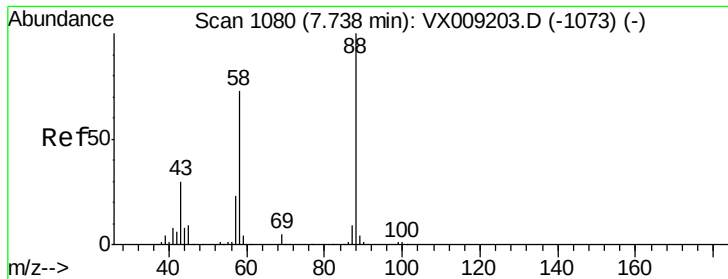


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1084.216 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX009365.D

Acq: 06 May 2019 20:56

Instrument :

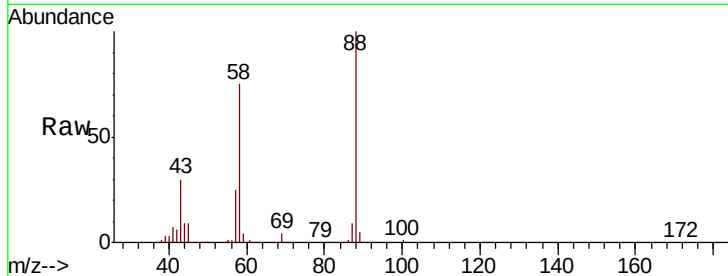
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 88 Resp: 60613

Ion	Ratio	Lower	Upper
88	100		
43	35.5	28.6	42.8
58	77.6	61.7	92.5

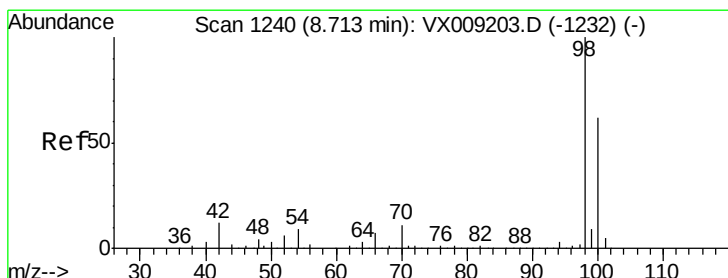
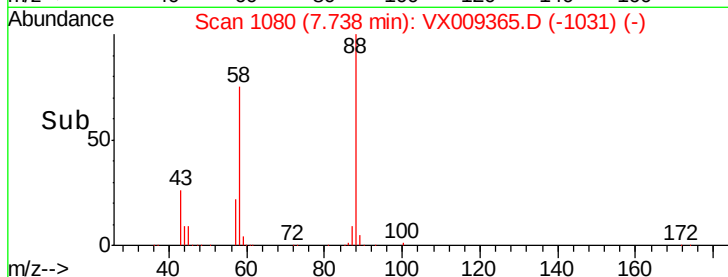
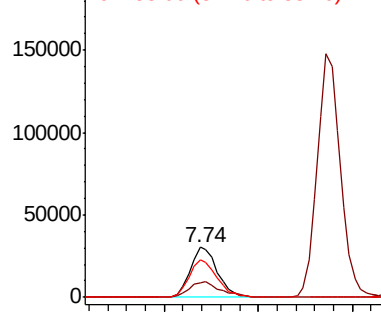


Abundance

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: 49.739 ug/l

RT: 8.71 min Scan# 1240

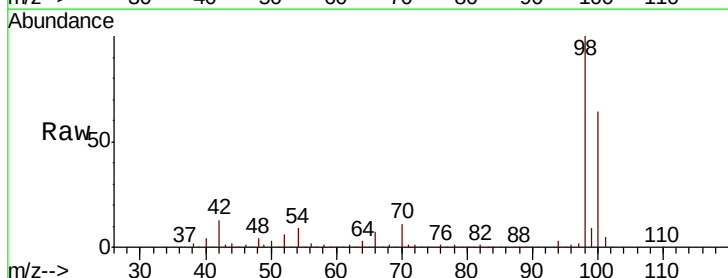
Delta R.T. -0.00 min

Lab File: VX009365.D

Acq: 06 May 2019 20:56

Tgt Ion: 98 Resp: 338666

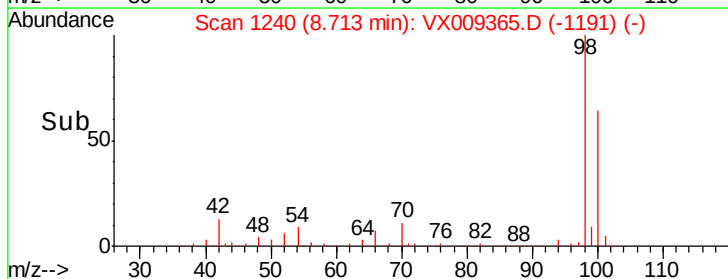
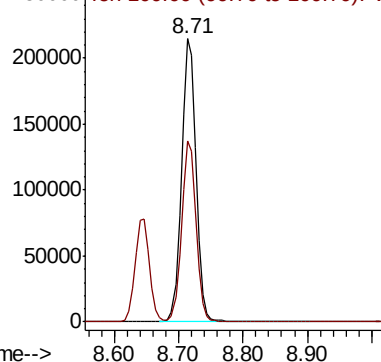
Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.2	76.8

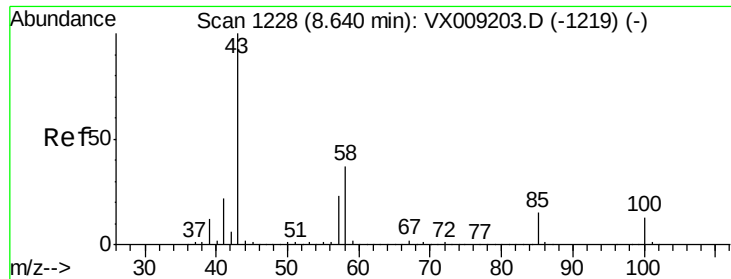


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

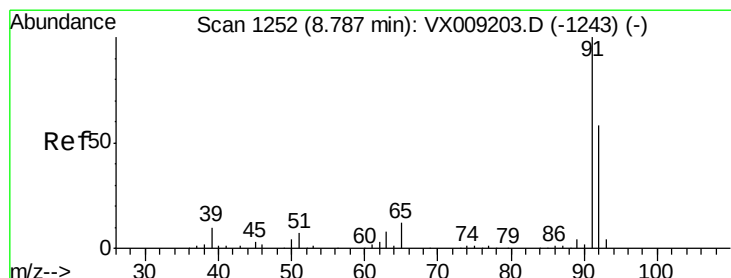
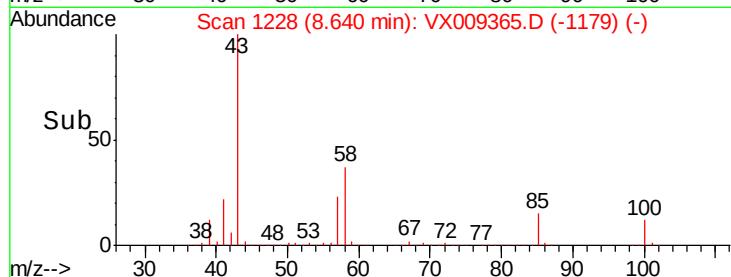
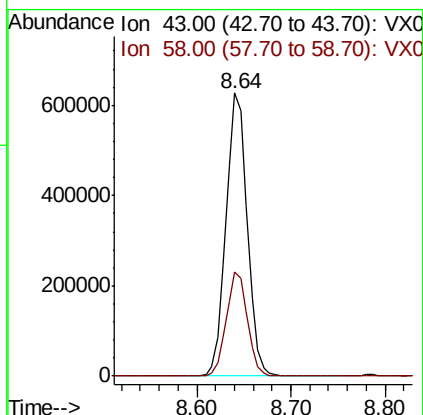
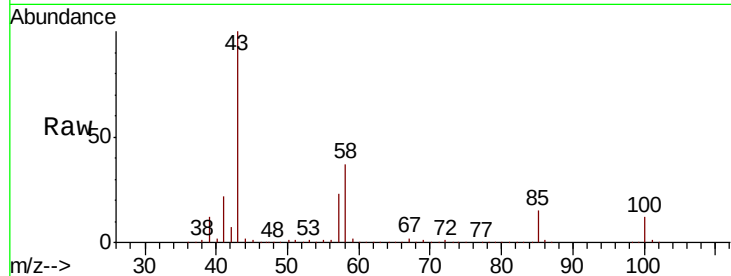




#51
 4-Methyl-2-Pentanone
 Concen: 270.242 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX009365.D
 Acq: 06 May 2019 20:56

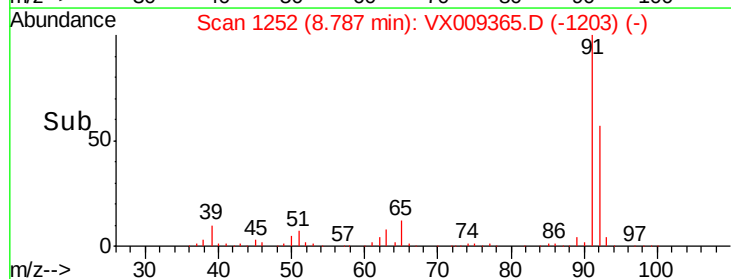
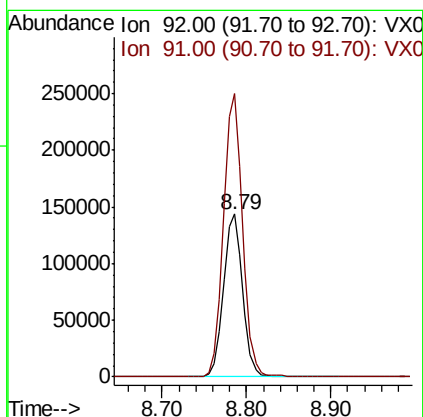
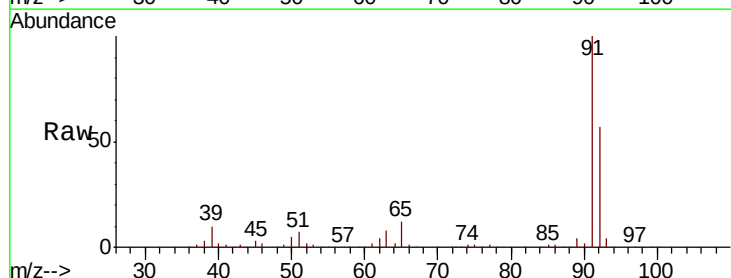
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

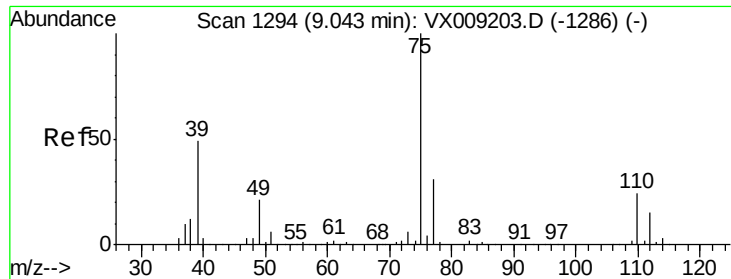
Tot Ion: 43 Resp: 981462
 Ion Ratio Lower Upper
 43 100
 58 36.6 29.5 44.3



#52
 Toluene
 Concen: 48.037 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX009365.D
 Acq: 06 May 2019 20:56

Tgt Ion: 92 Resp: 225306
 Ion Ratio Lower Upper
 92 100
 91 173.5 138.8 208.2

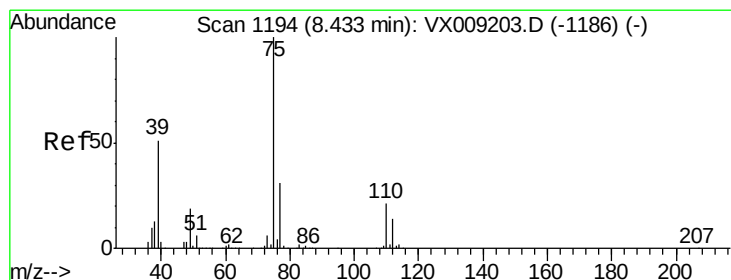
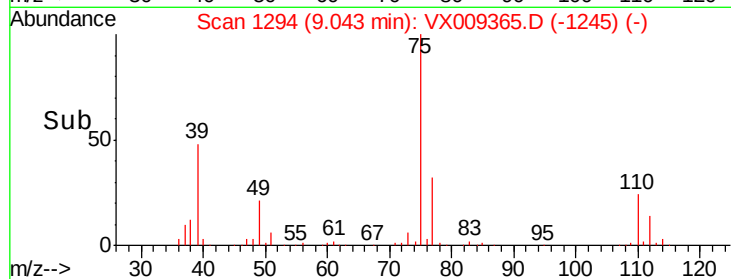
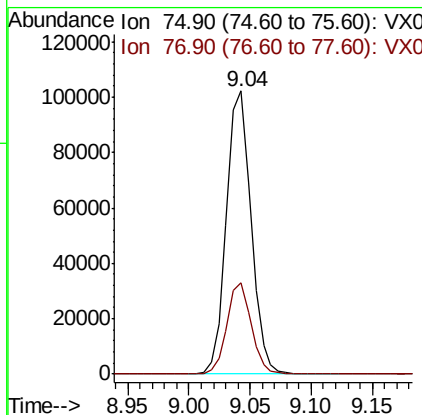
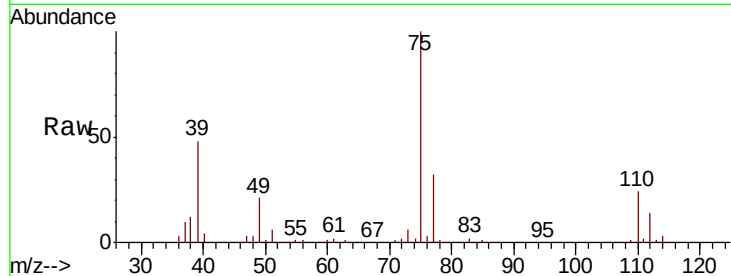




#53
t-1,3-Dichloropropene
Concen: 50.100 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX009365.D
Acq: 06 May 2019 20:56

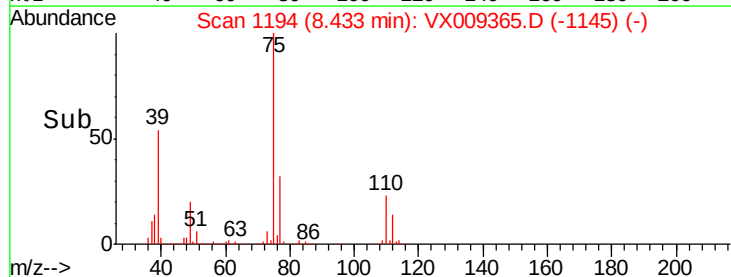
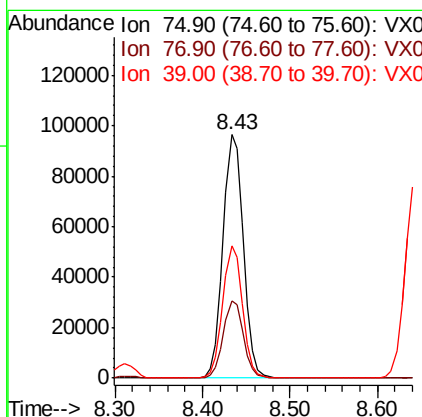
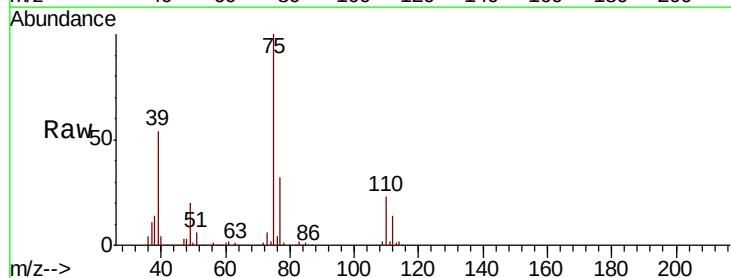
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

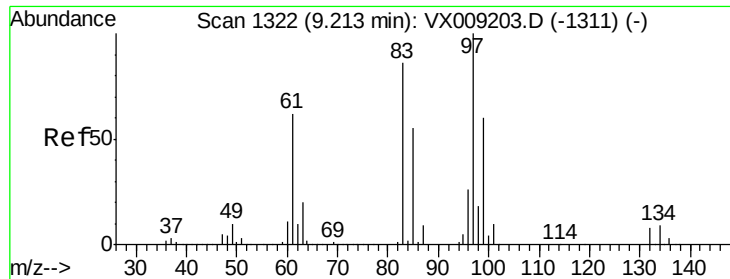
Tot Ion: 75 Resp: 143153
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 49.174 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009365.D
Acq: 06 May 2019 20:56

Tgt Ion: 75 Resp: 155520
Ion Ratio Lower Upper
75 100
77 31.7 24.6 36.8
39 54.3 40.6 60.8

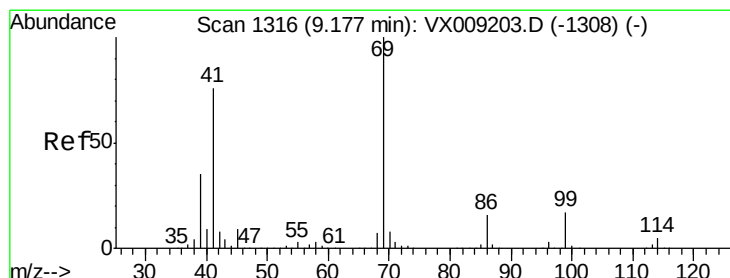
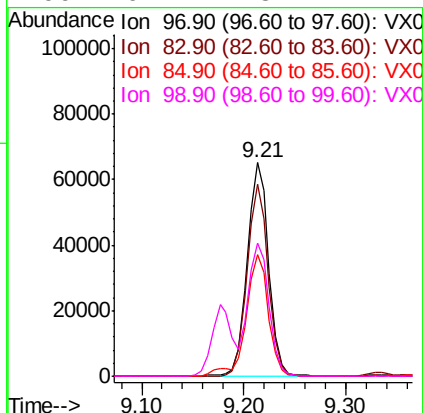
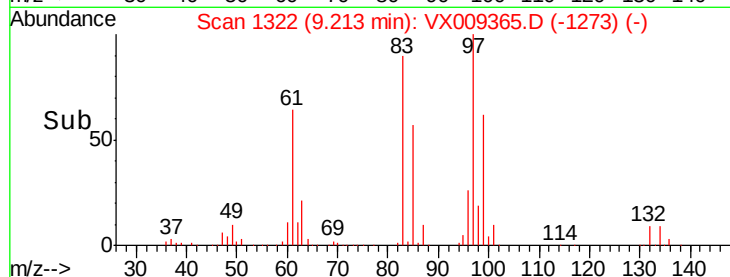
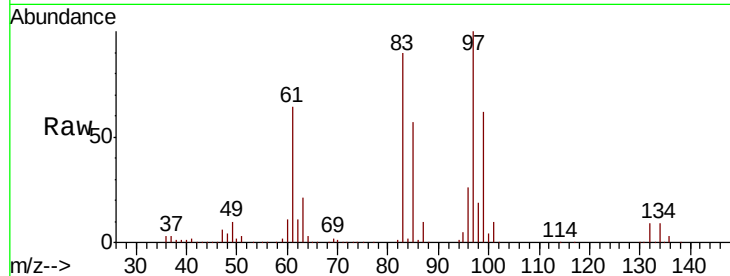




#55
 1,1,2-Trichloroethane
 Concen: 49.706 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009365.D
 Acq: 06 May 2019 20:56

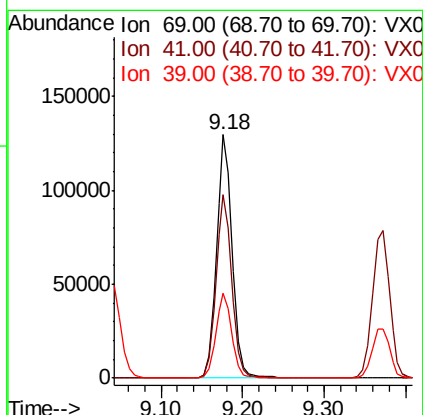
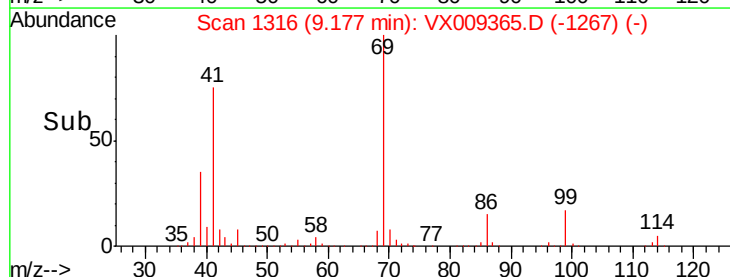
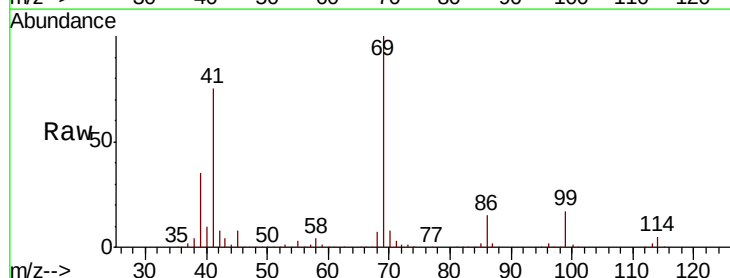
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

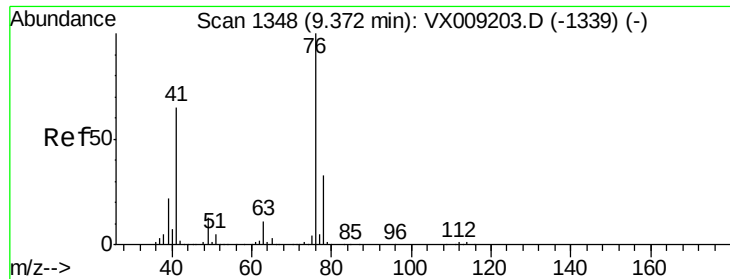
Tot Ion:	97	Resp:	95113
Ion	Ratio	Lower	Upper
97	100		
83	90.1	68.9	103.3
85	56.8	43.8	65.6
99	62.4	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 51.408 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009365.D
 Acq: 06 May 2019 20:56

Tgt Ion:	69	Resp:	175596
Ion	Ratio	Lower	Upper
69	100		
41	76.3	60.6	90.8
39	35.4	28.2	42.4

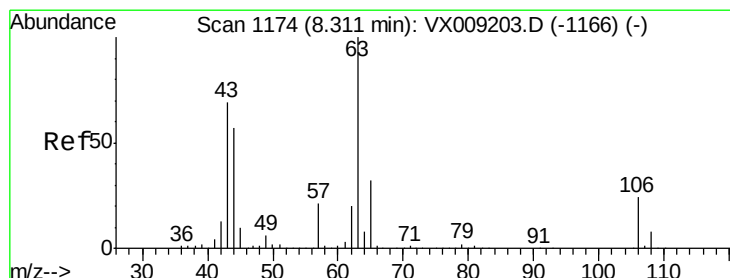
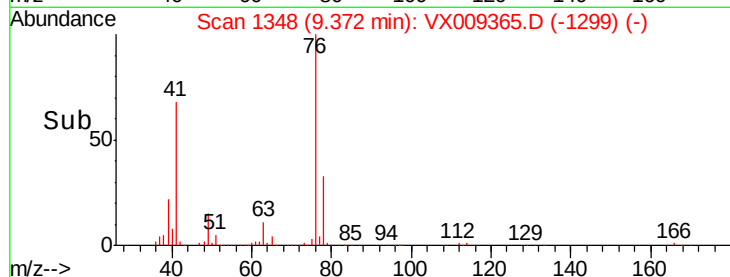
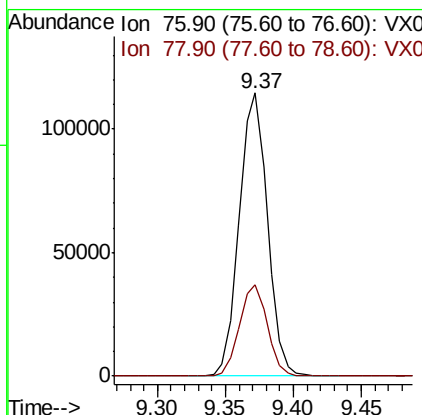
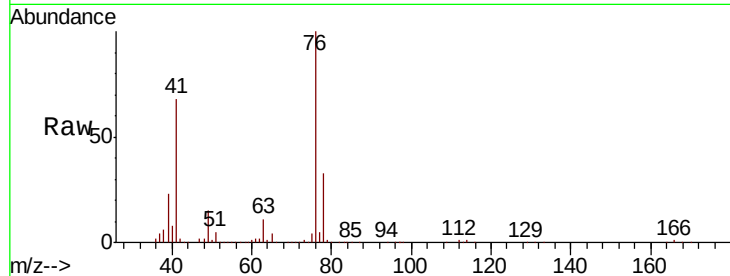




#57
 1,3-Dichloropropane
 Concen: 49.251 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009365.D
 Acq: 06 May 2019 20:56

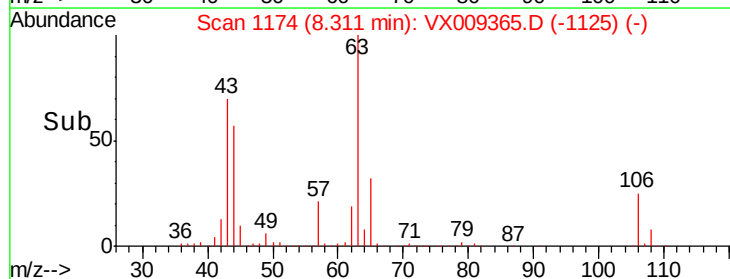
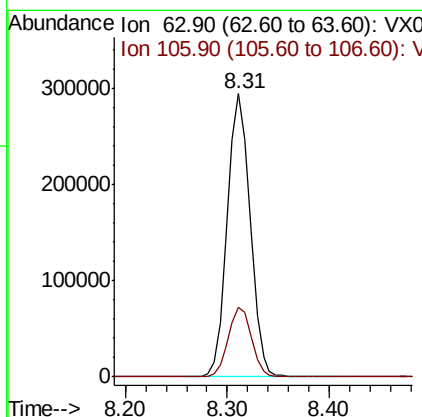
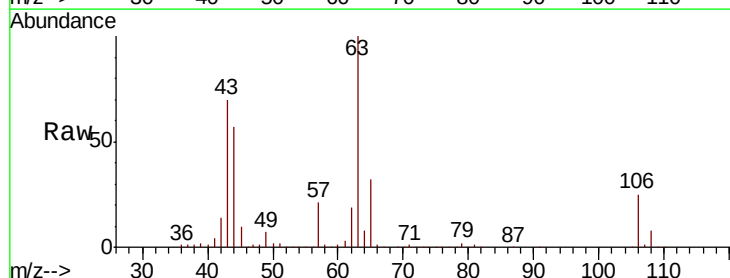
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

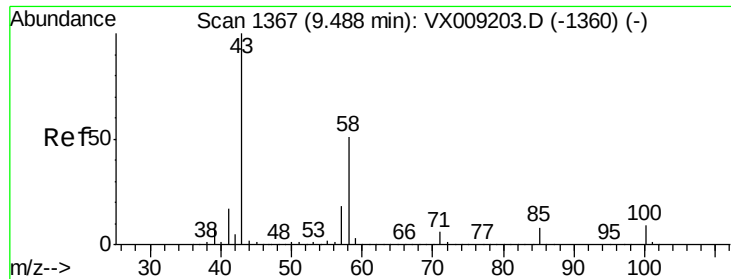
Tot Ion: 76 Resp: 165844
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 251.986 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009365.D
 Acq: 06 May 2019 20:56

Tgt Ion: 63 Resp: 456607
 Ion Ratio Lower Upper
 63 100
 106 25.0 19.7 29.5

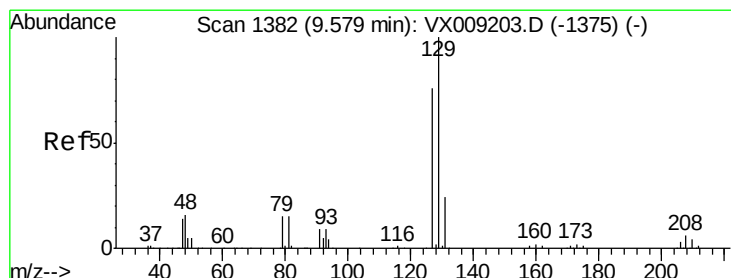
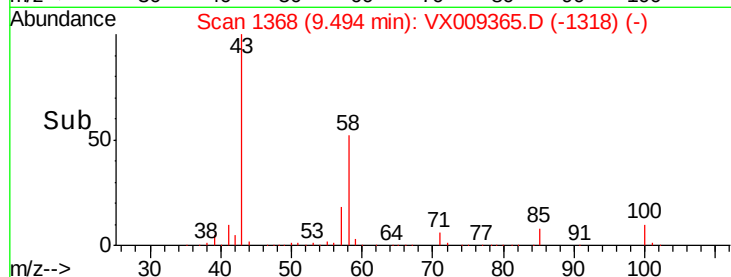
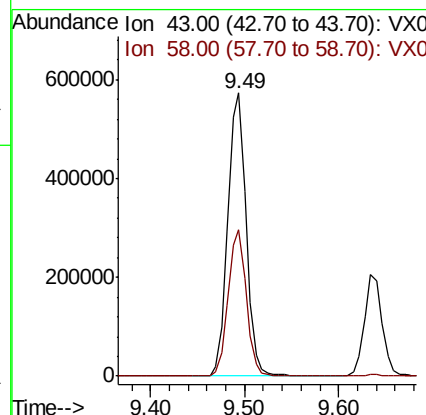
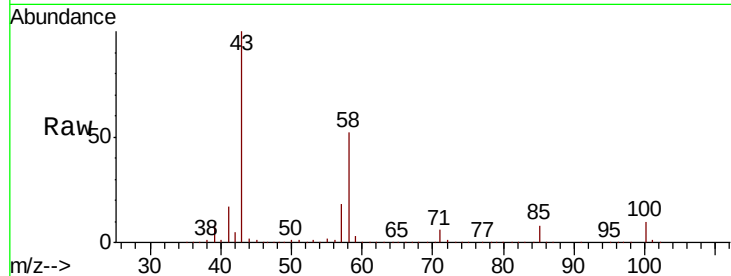




#59
2-Hexanone
Concen: 270.892 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX009365.D
Acq: 06 May 2019 20:56

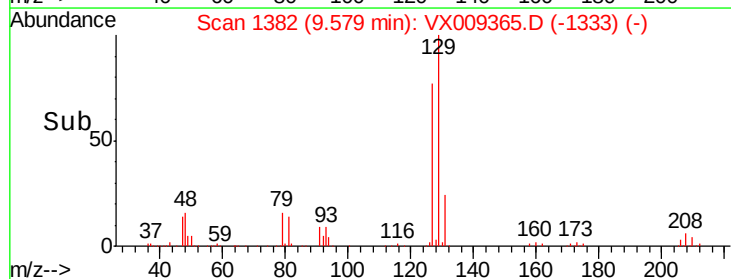
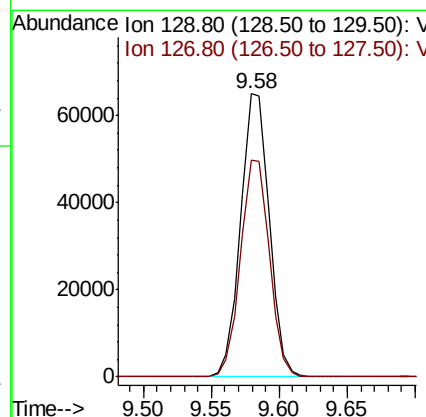
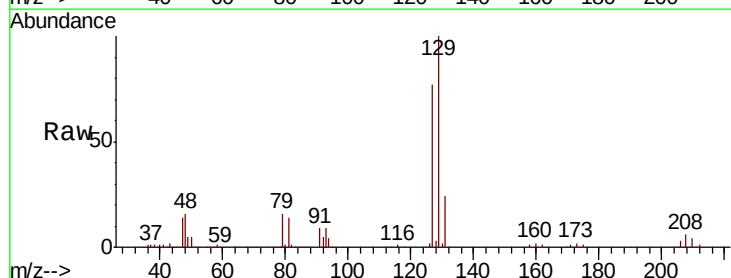
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

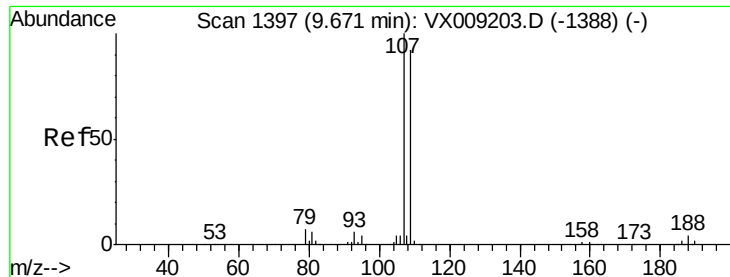
Tot Ion: 43 Resp: 772681
Ion Ratio Lower Upper
43 100
58 51.4 25.9 77.7



#60
Dibromochloromethane
Concen: 51.233 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009365.D
Acq: 06 May 2019 20:56

Tgt Ion: 129 Resp: 95749
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.1





#61

1,2-Dibromoethane

Concen: 50.004 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009365.D

Acq: 06 May 2019 20:56

Instrument :

MSVOA_X

ClientSampleId :

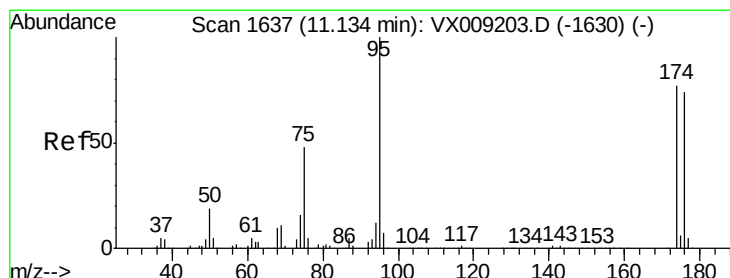
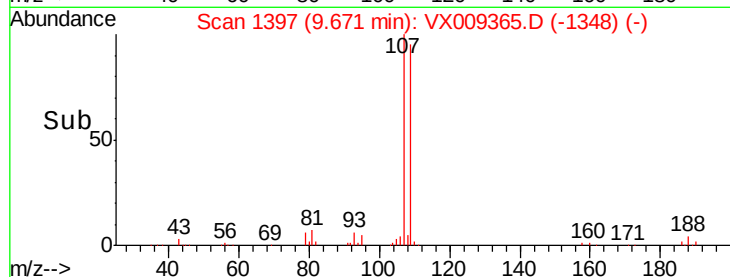
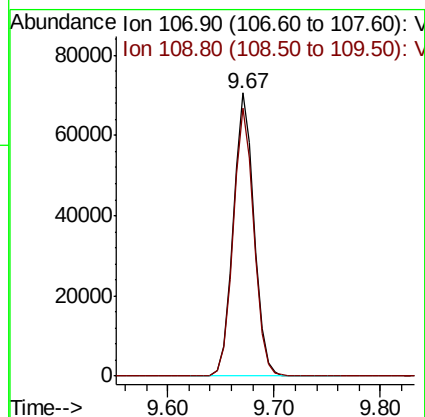
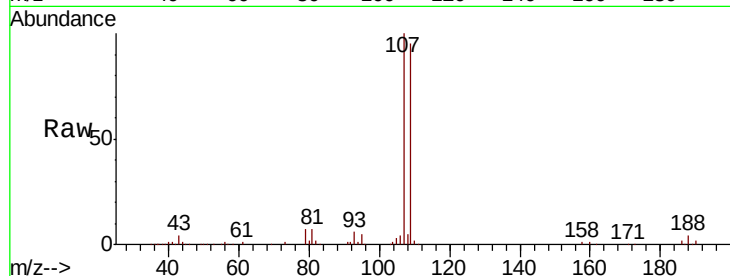
VSTDCCC050EC

Tot Ion:107 Resp: 96586

Ion Ratio Lower Upper

107 100

109 94.3 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 50.202 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009365.D

Acq: 06 May 2019 20:56

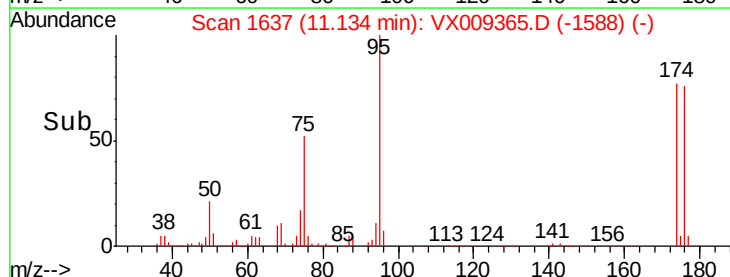
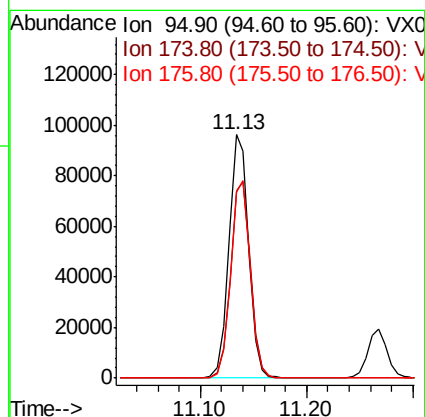
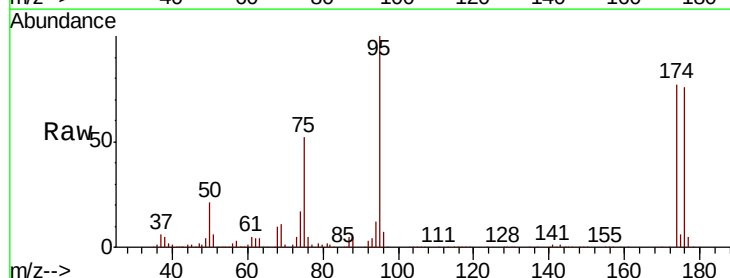
Tgt Ion: 95 Resp: 124204

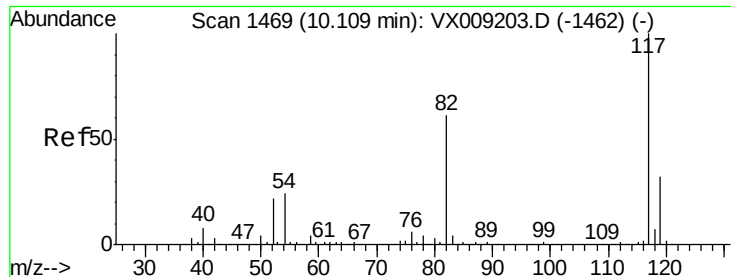
Ion Ratio Lower Upper

95 100

174 81.8 0.0 161.6

176 80.7 0.0 159.2

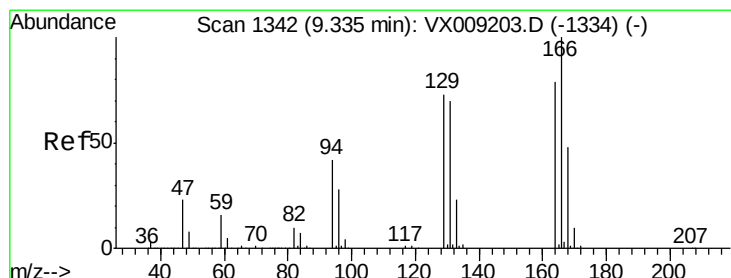
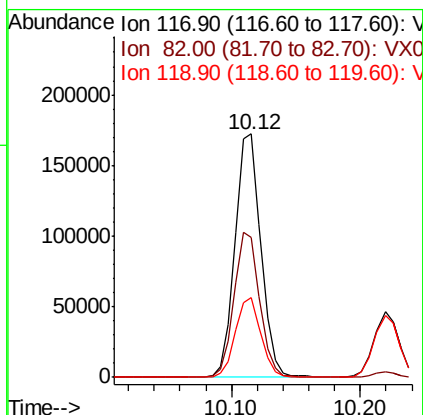
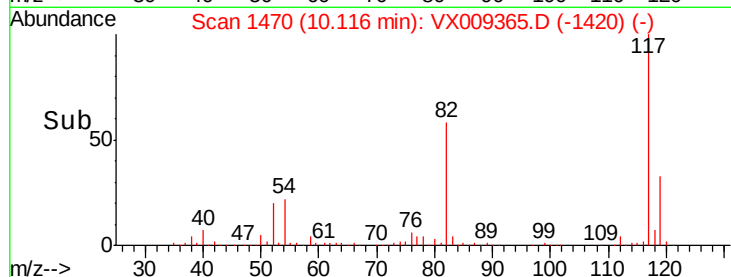
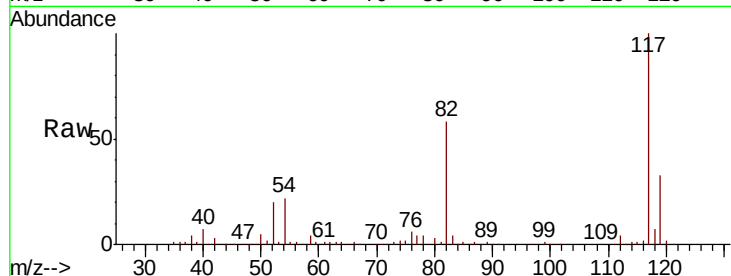




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009365.D
Acq: 06 May 2019 20:56

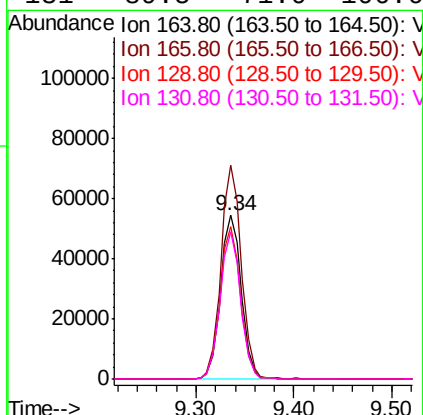
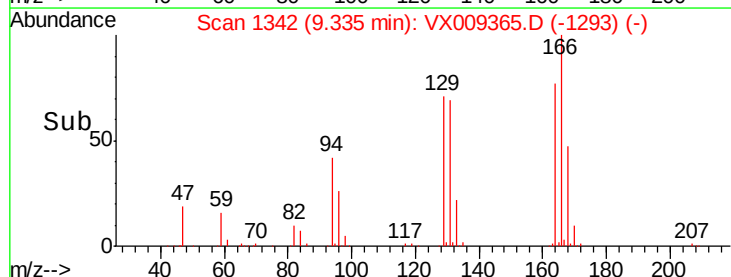
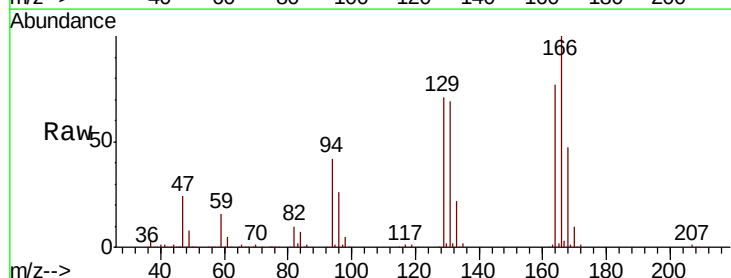
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

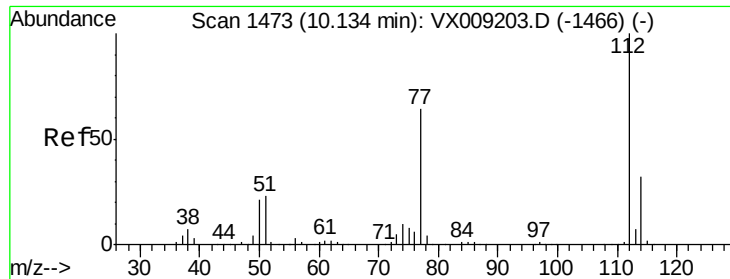
Tot Ion:117 Resp: 241523
Ion Ratio Lower Upper
117 100
82 57.5 48.8 73.2
119 32.9 25.8 38.6



#64
Tetrachloroethene
Concen: 48.317 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009365.D
Acq: 06 May 2019 20:56

Tgt Ion:164 Resp: 80049
Ion Ratio Lower Upper
164 100
166 130.4 101.2 151.8
129 93.0 74.3 111.5
131 89.5 71.0 106.6

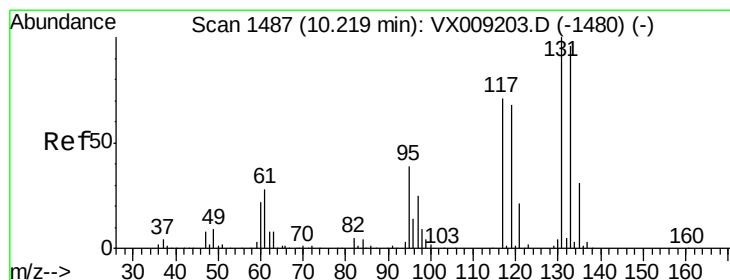
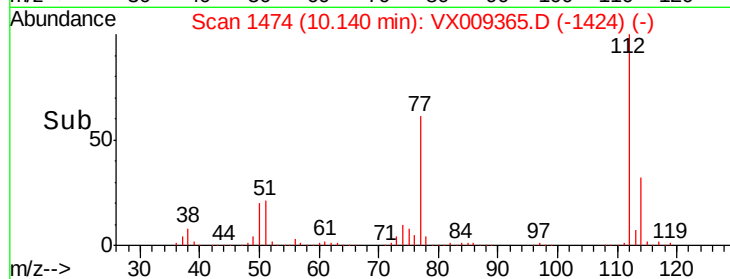
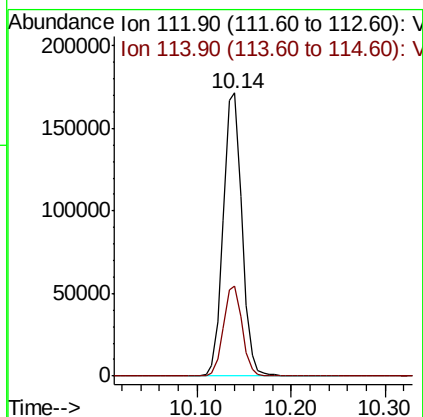
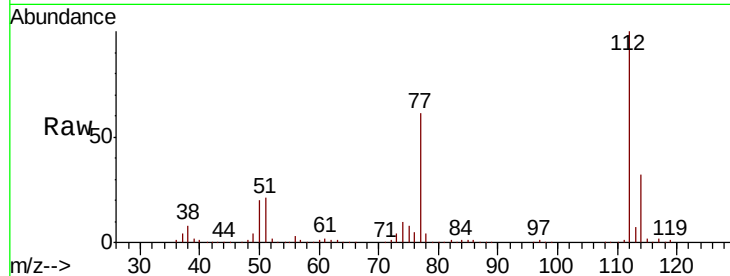




#65
Chlorobenzene
Concen: 48.965 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009365.D
Acq: 06 May 2019 20:56

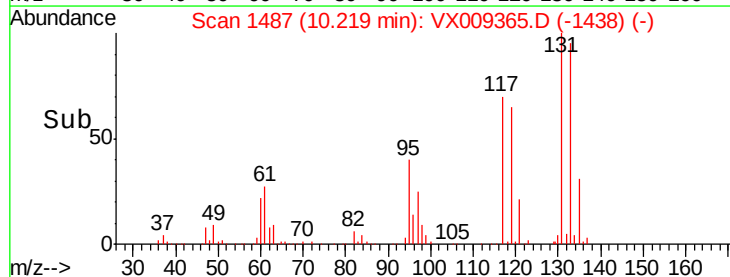
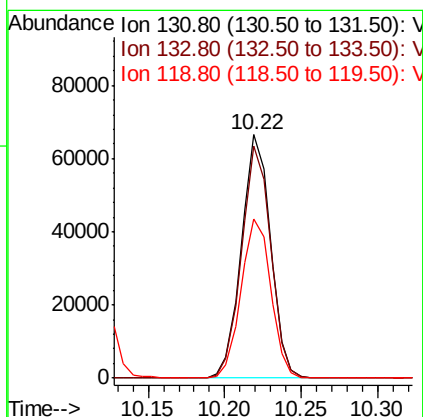
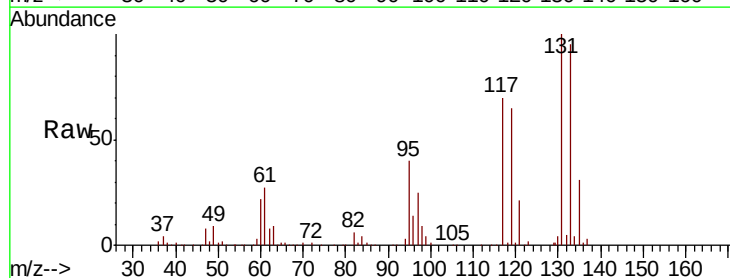
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

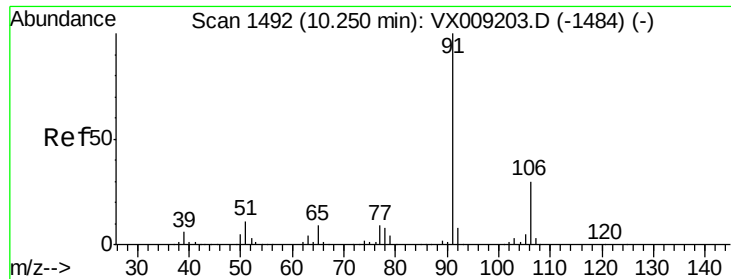
Tot Ion:112 Resp: 236577
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.348 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009365.D
Acq: 06 May 2019 20:56

Tgt Ion:131 Resp: 88192
Ion Ratio Lower Upper
131 100
133 95.3 47.7 143.1
119 66.8 33.5 100.4

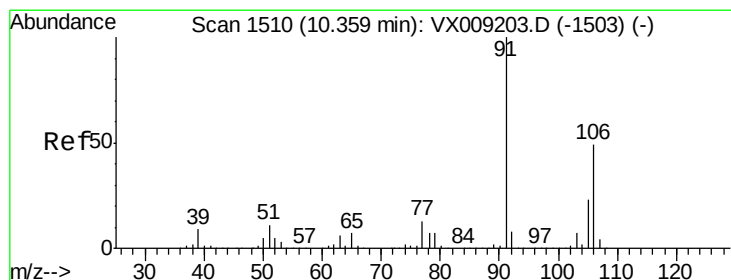
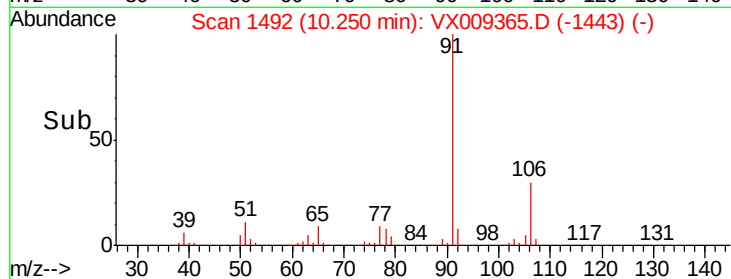
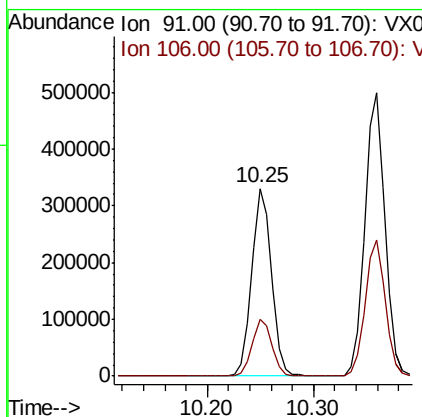
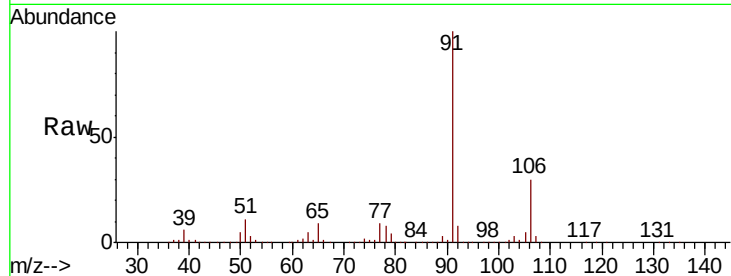




#67
Ethyl Benzene
Concen: 48.726 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009365.D
Acq: 06 May 2019 20:56

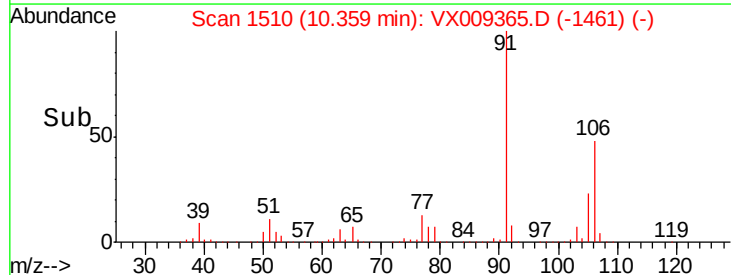
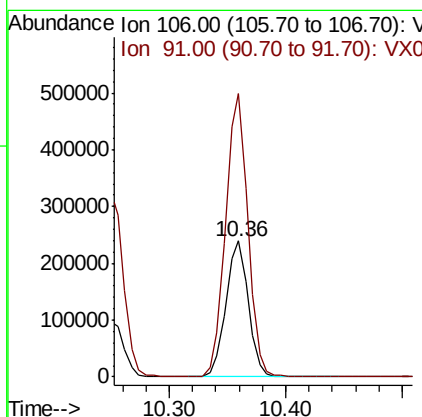
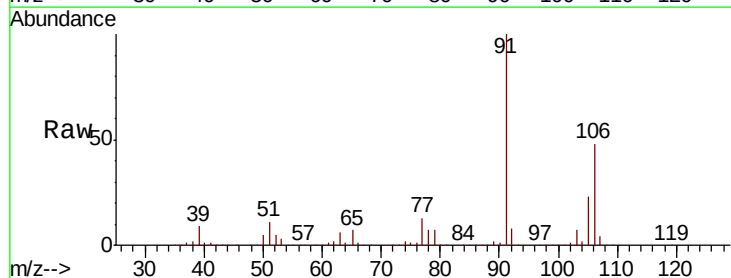
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

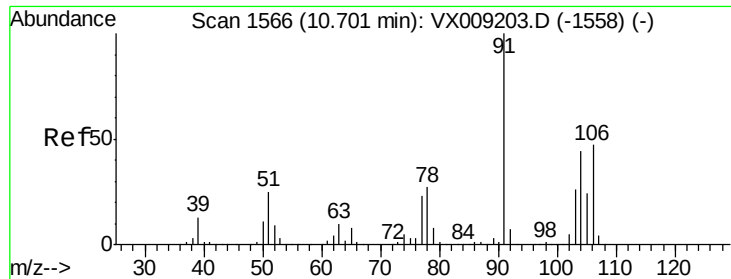
Tot Ion: 91 Resp: 433265
Ion Ratio Lower Upper
91 100
106 30.4 24.0 36.0



#68
m/p-Xylenes
Concen: 98.047 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009365.D
Acq: 06 May 2019 20:56

Tgt Ion: 106 Resp: 318593
Ion Ratio Lower Upper
106 100
91 207.1 164.0 246.0

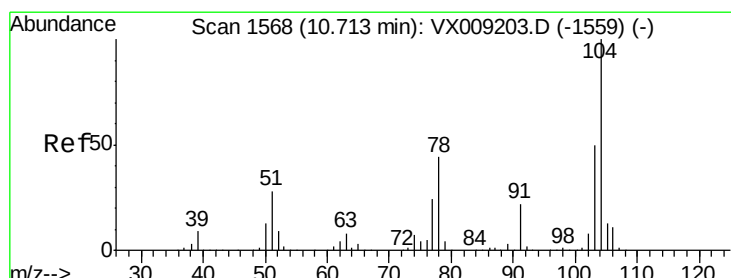
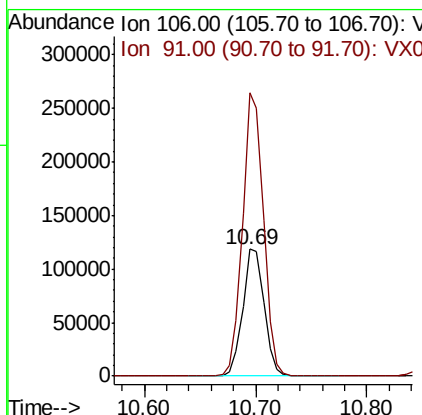
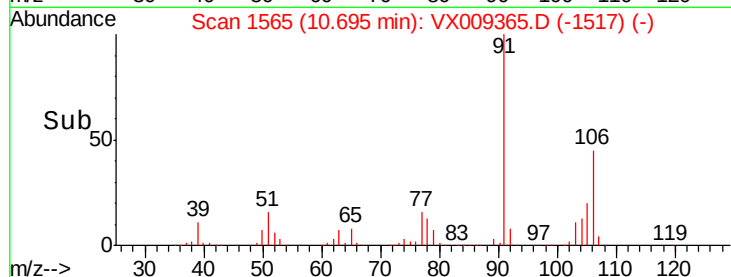
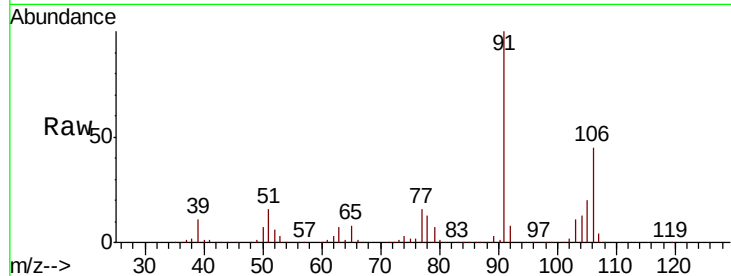




#69
o-Xylene
Concen: 49.110 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009365.D
Acq: 06 May 2019 20:56

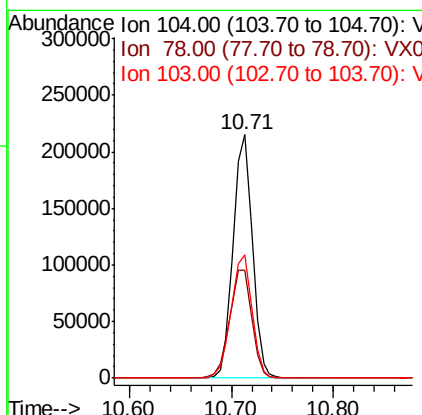
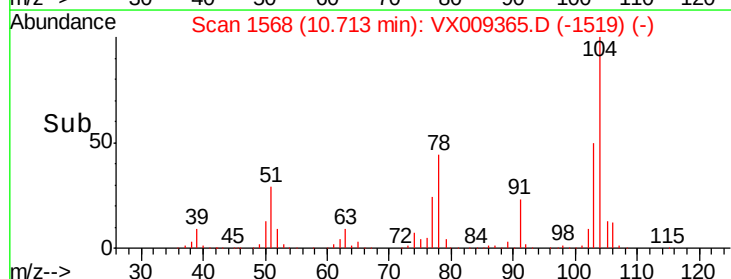
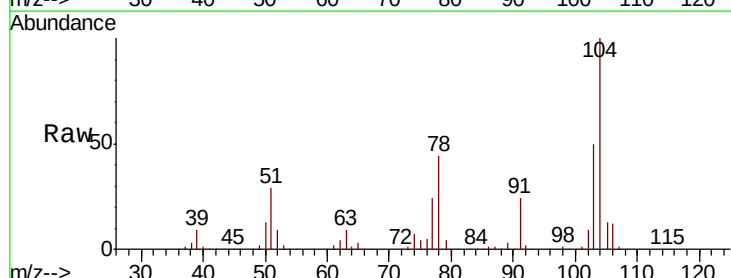
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

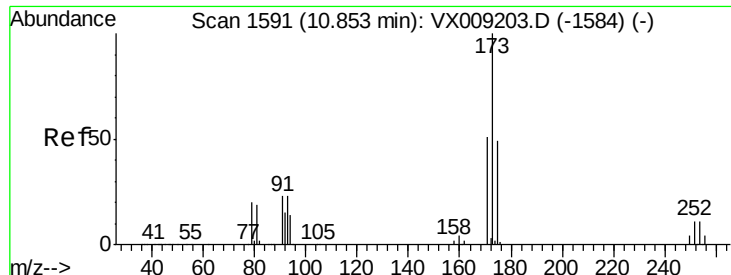
Tot Ion:106 Resp: 157446
Ion Ratio Lower Upper
106 100
91 218.9 109.5 328.4



#70
Styrene
Concen: 50.295 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009365.D
Acq: 06 May 2019 20:56

Tgt Ion:104 Resp: 280254
Ion Ratio Lower Upper
104 100
78 51.2 41.0 61.4
103 55.0 43.8 65.6

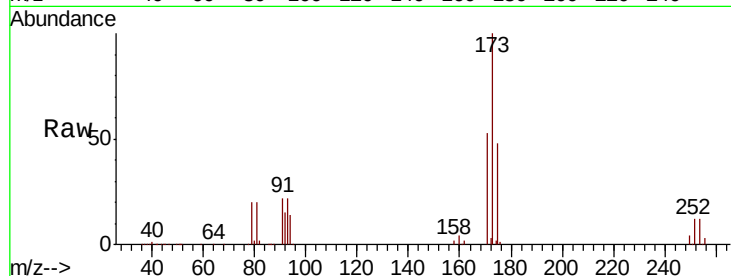




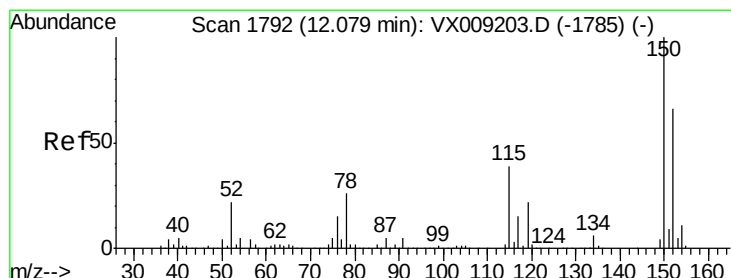
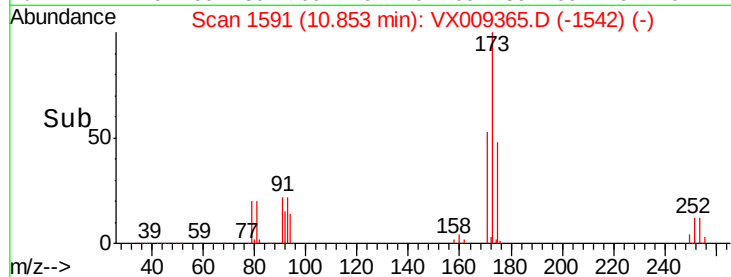
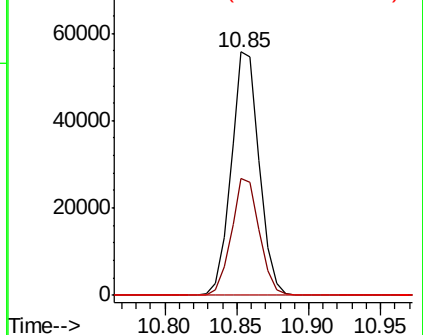
#71
Bromoform
Concen: 53.162 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX009365.D
Acq: 06 May 2019 20:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 75675
Ion Ratio Lower Upper
173 100
175 48.1 24.5 73.5
254 0.2 0.1 0.1#

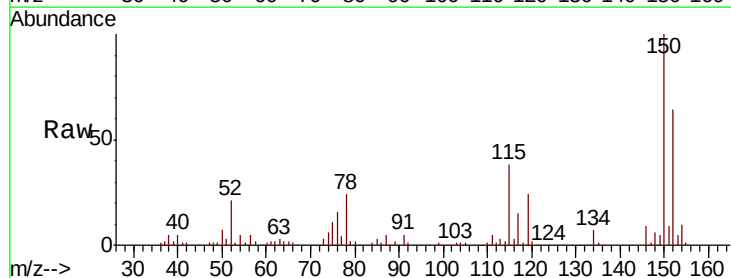


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

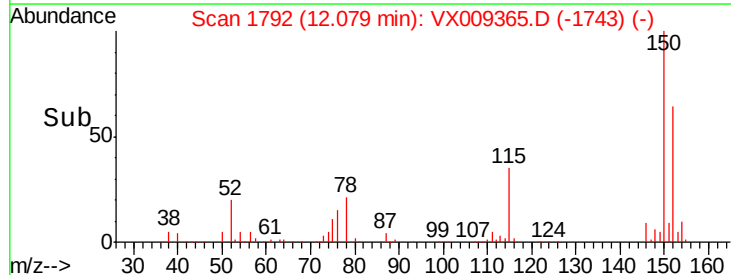
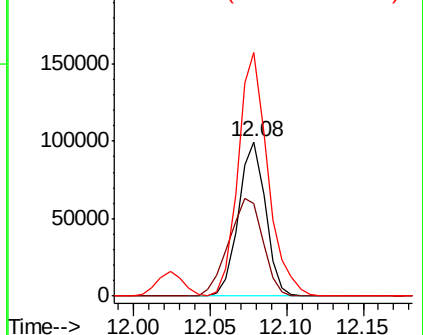


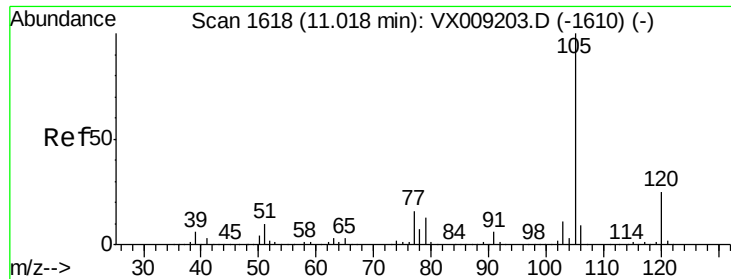
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009365.D
Acq: 06 May 2019 20:56

Tgt Ion:152 Resp: 121477
Ion Ratio Lower Upper
152 100
115 80.4 41.2 123.6
150 173.3 0.0 346.4



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: 47.697 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009365.D

Acq: 06 May 2019 20:56

Instrument :

MSVOA_X

ClientSampleId :

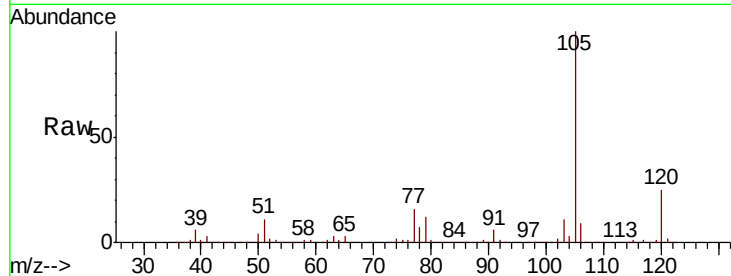
VSTDCCC050EC

Tot Ion:105 Resp: 421338

Ion Ratio Lower Upper

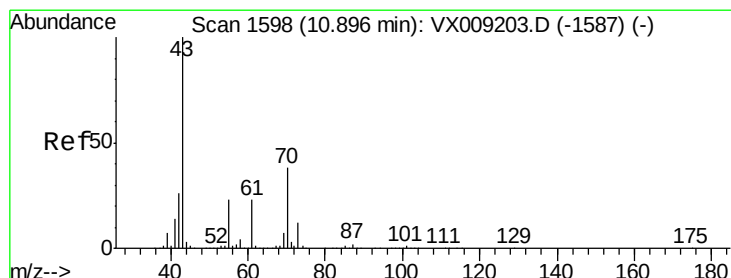
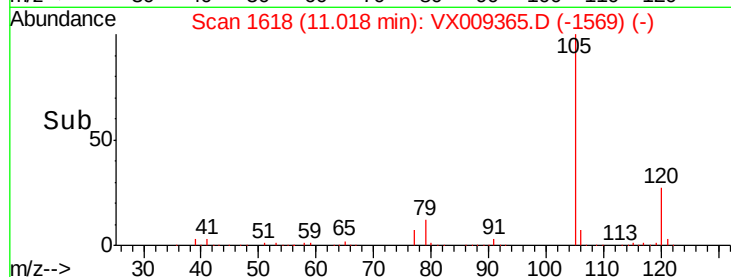
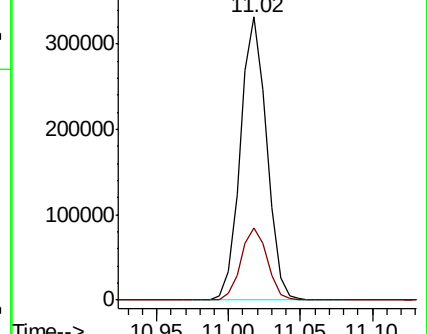
105 100

120 25.5 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.369 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009365.D

Acq: 06 May 2019 20:56

Tgt Ion: 43 Resp: 264557

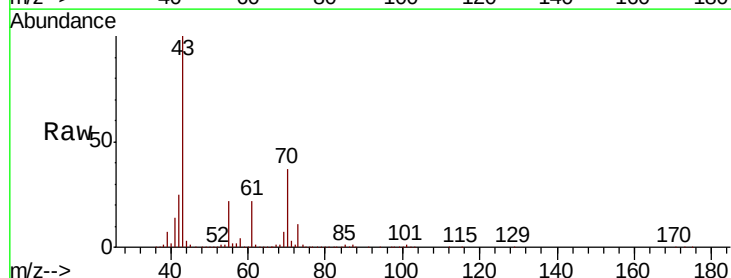
Ion Ratio Lower Upper

43 100

70 37.1 30.0 45.0

55 22.6 17.9 26.9

61 22.1 18.4 27.6

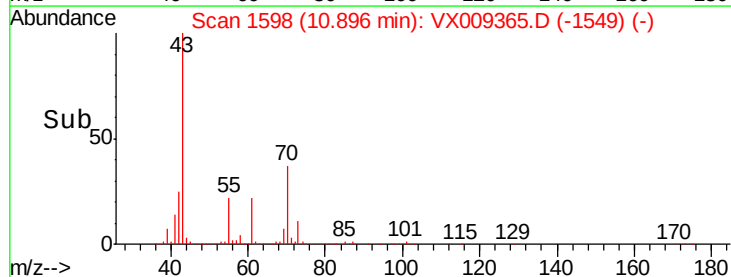
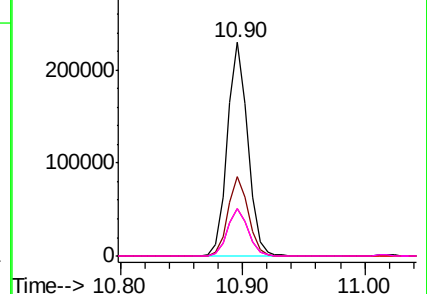


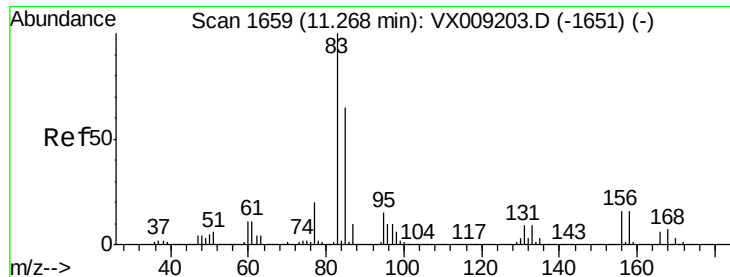
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.256 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009365.D

Acq: 06 May 2019 20:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

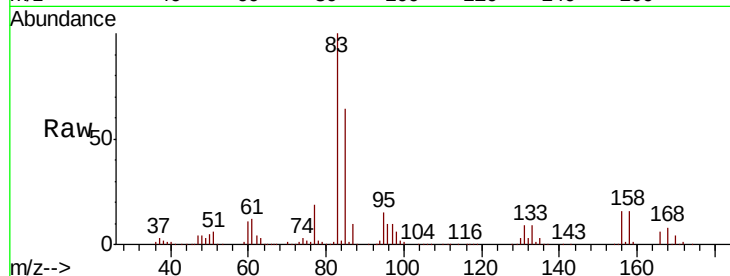
Tot Ion: 83 Resp: 165497

Ion Ratio Lower Upper

83 100

131 9.2 4.6 13.8

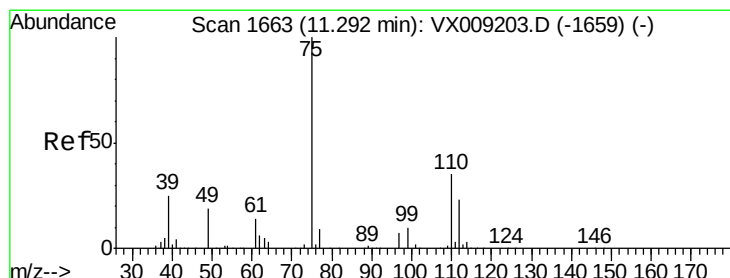
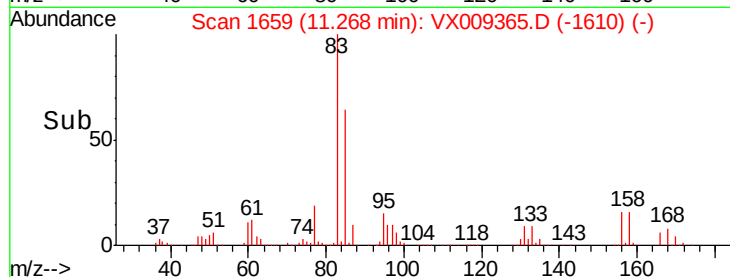
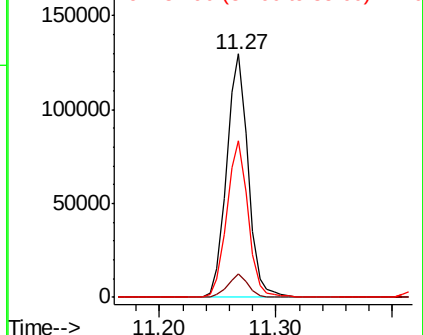
85 64.3 32.0 96.2



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: 68.412 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009365.D

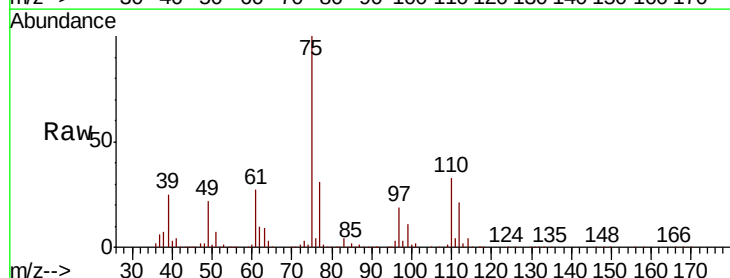
Acq: 06 May 2019 20:56

Tgt Ion: 75 Resp: 192774

Ion Ratio Lower Upper

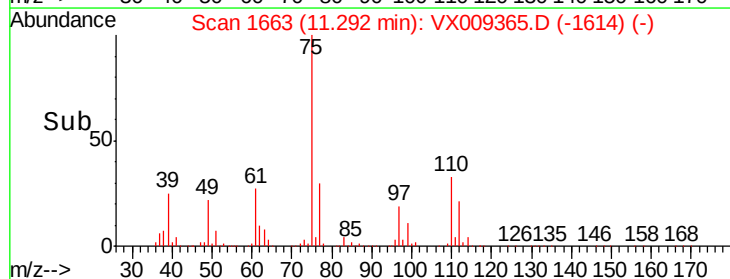
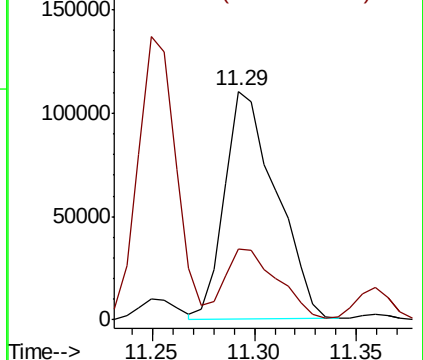
75 100

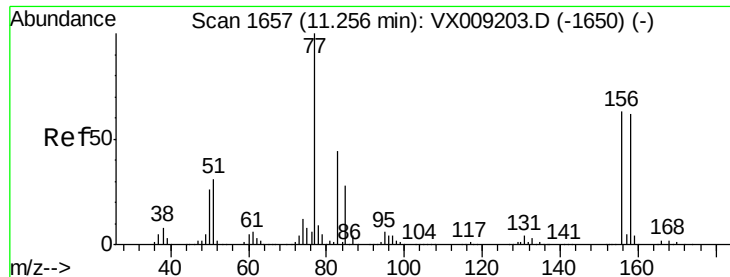
77 32.3 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.617 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009365.D

Acq: 06 May 2019 20:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

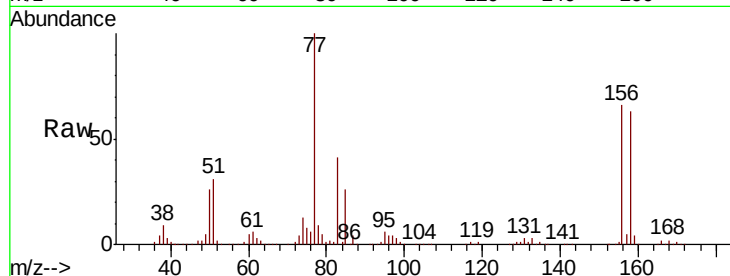
Tot Ion:156 Resp: 106595

Ion Ratio Lower Upper

156 100

77 165.7 84.8 254.3

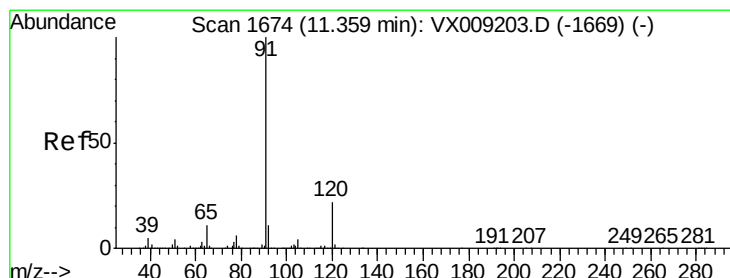
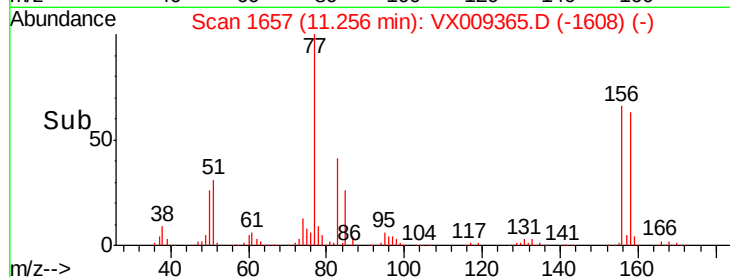
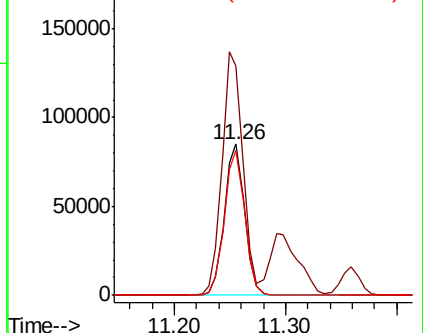
158 96.4 49.1 147.3



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: 47.511 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009365.D

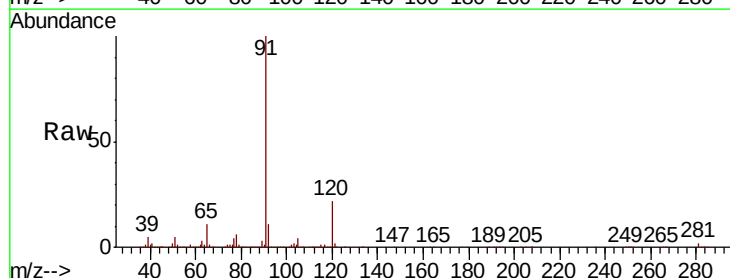
Acq: 06 May 2019 20:56

Tgt Ion: 91 Resp: 479316

Ion Ratio Lower Upper

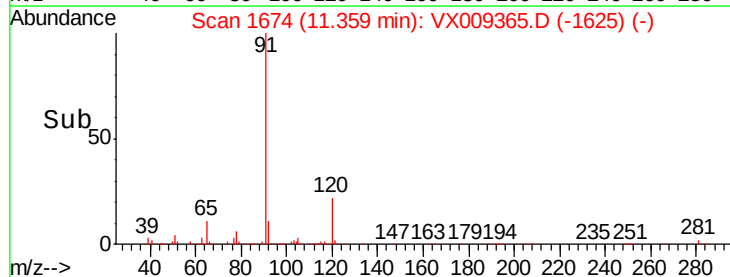
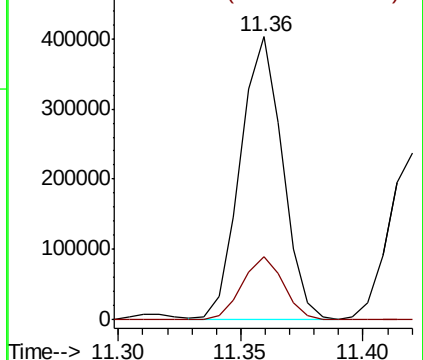
91 100

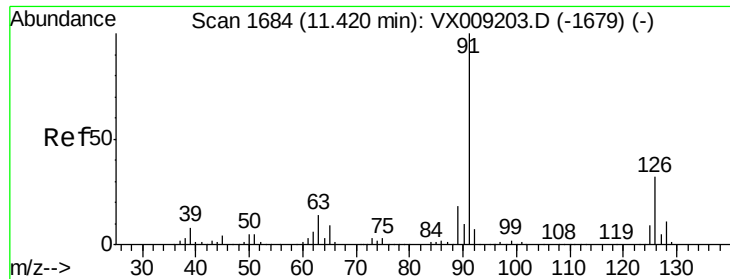
120 22.5 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

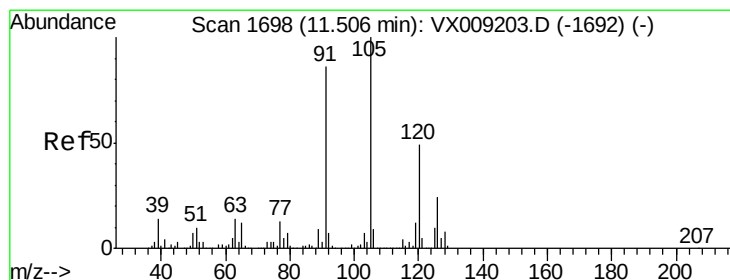
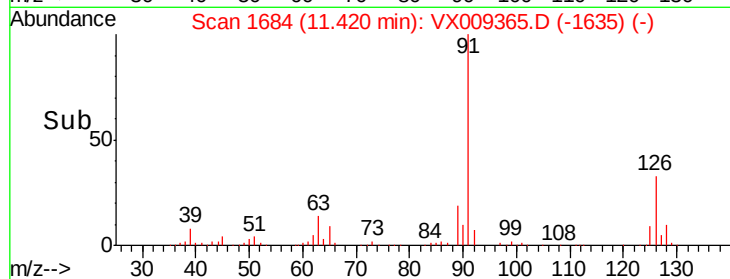
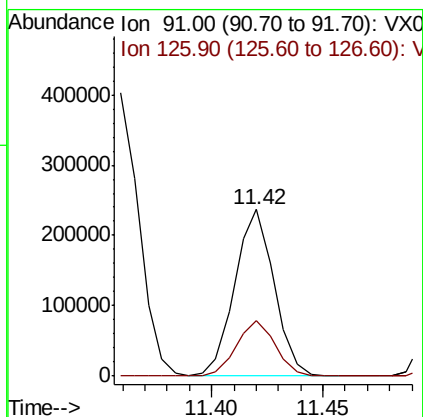
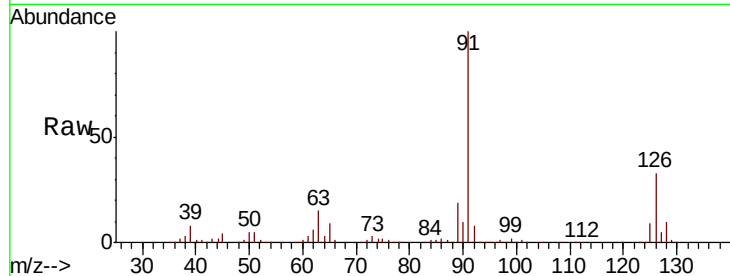




#79
 2-Chlorotoluene
 Concen: 46.833 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009365.D
 Acq: 06 May 2019 20:56

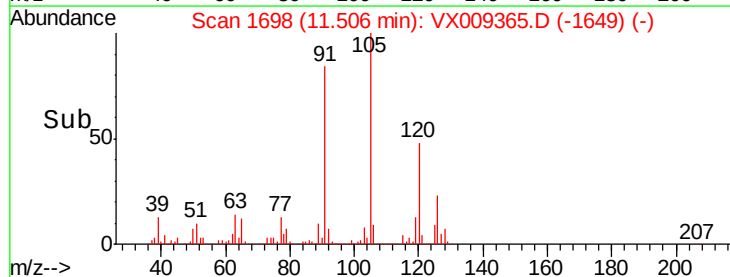
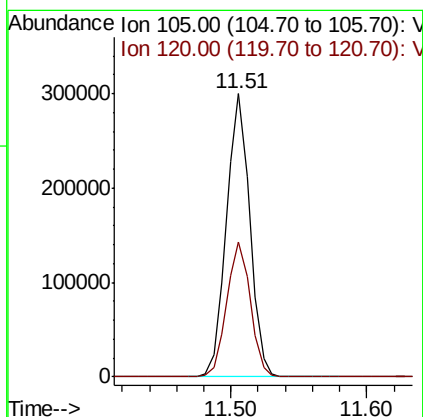
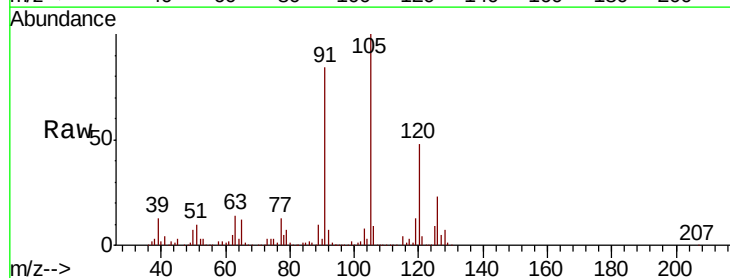
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

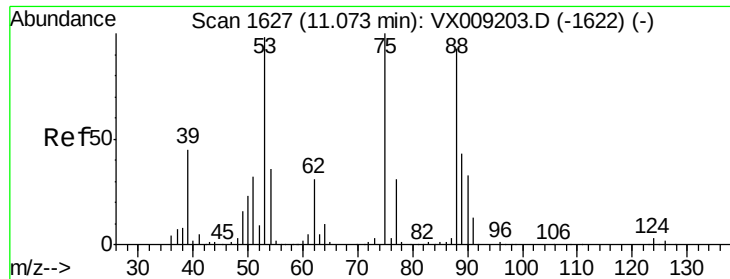
Tot Ion: 91 Resp: 291493
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 47.940 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009365.D
 Acq: 06 May 2019 20:56

Tgt Ion:105 Resp: 356574
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 48.622 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009365.D

Acq: 06 May 2019 20:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

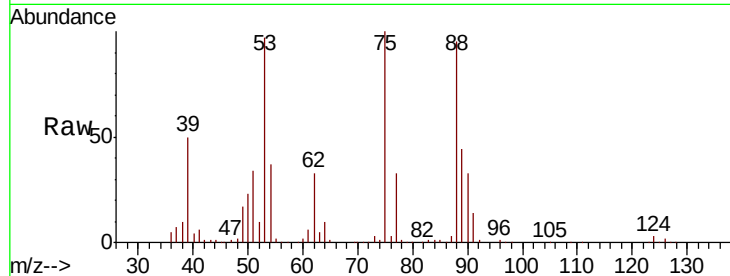
Tot Ion: 75 Resp: 53547

Ion Ratio Lower Upper

75 100

53 100.0 79.0 118.6

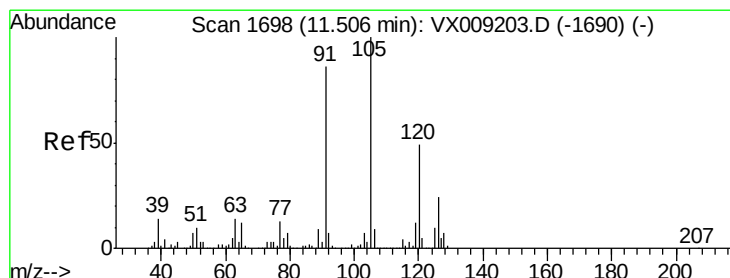
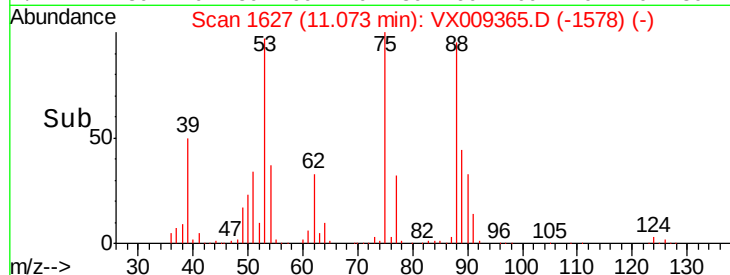
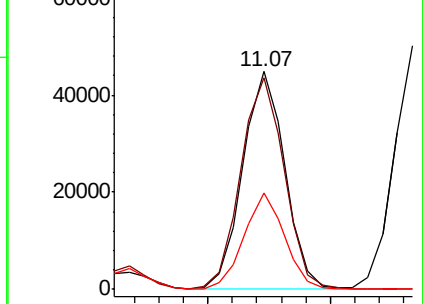
89 42.9 34.7 52.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 47.451 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009365.D

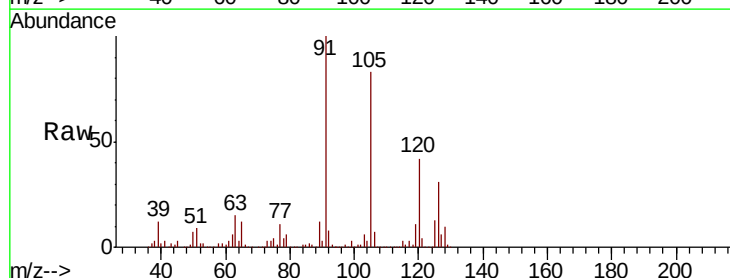
Acq: 06 May 2019 20:56

Tgt Ion: 91 Resp: 333652

Ion Ratio Lower Upper

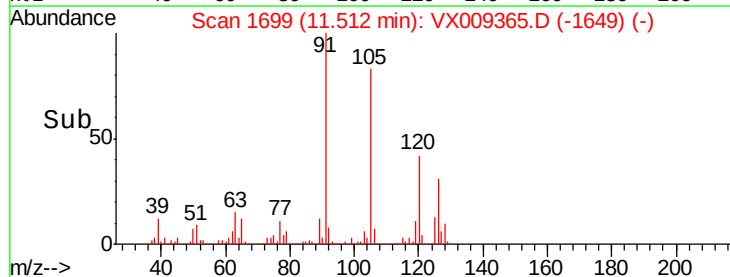
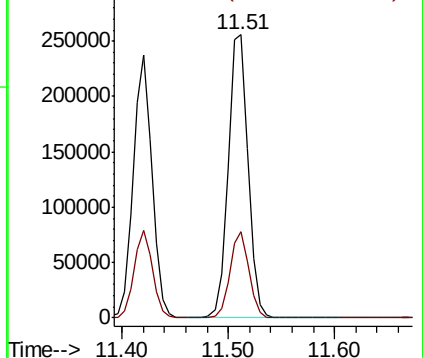
91 100

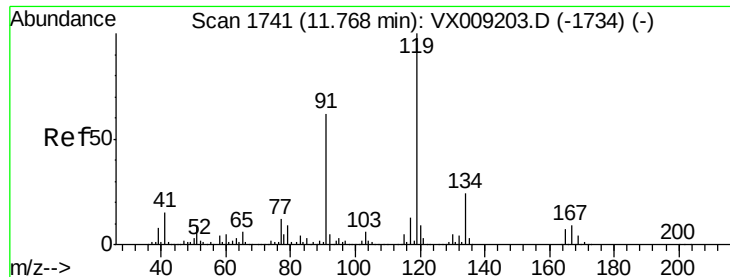
126 29.2 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

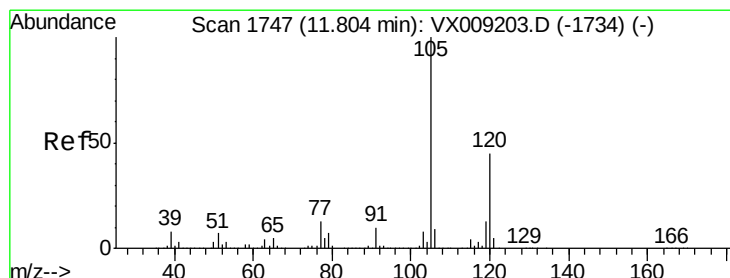
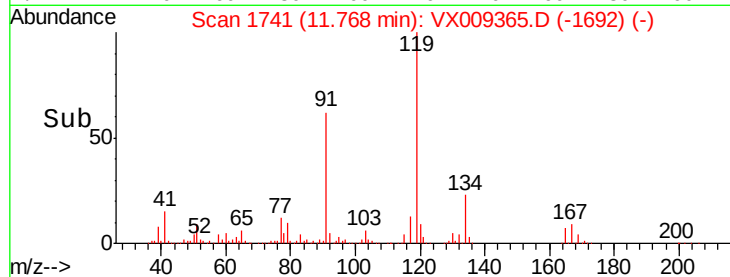
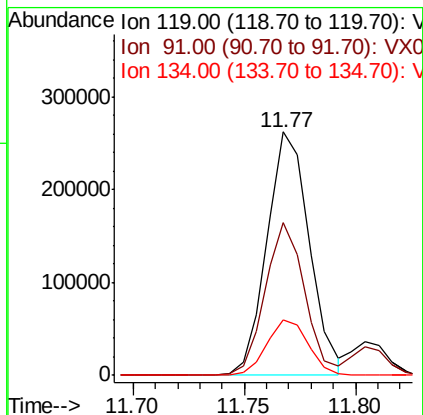
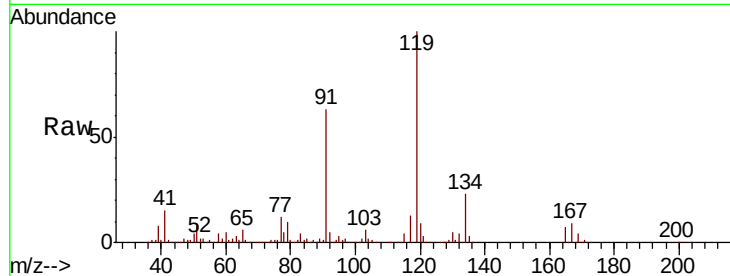




#83
 tert-Butylbenzene
 Concen: 47.946 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009365.D
 Acq: 06 May 2019 20:56

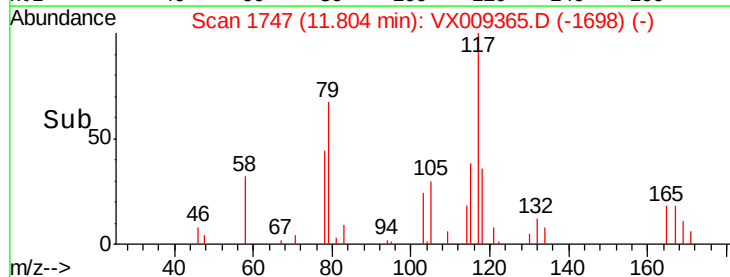
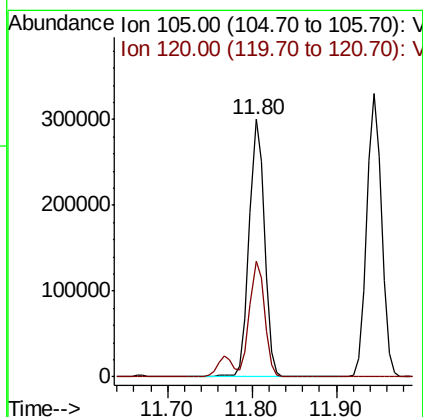
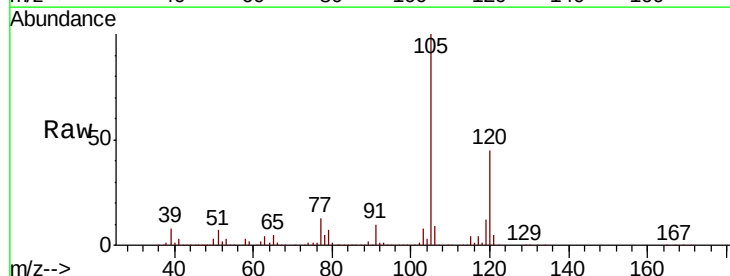
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

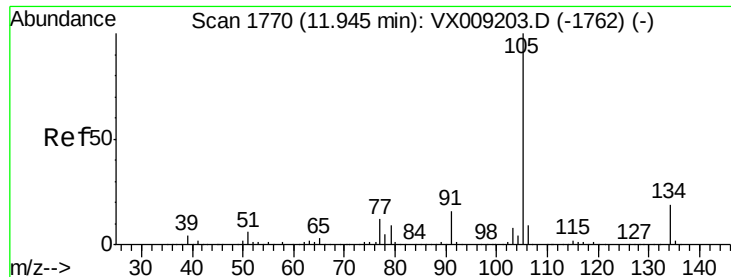
Tot Ion:119 Resp: 346918
 Ion Ratio Lower Upper
 119 100
 91 58.5 29.5 88.5
 134 22.2 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 48.260 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009365.D
 Acq: 06 May 2019 20:56

Tgt Ion:105 Resp: 360300
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.0 66.0





#85

sec-Butylbenzene

Concen: 47.486 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009365.D

Acq: 06 May 2019 20:56

Instrument :

MSVOA_X

ClientSampleId :

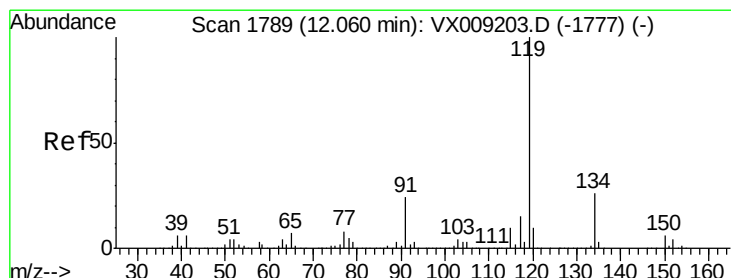
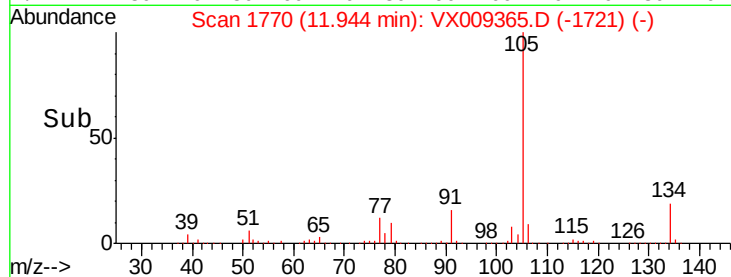
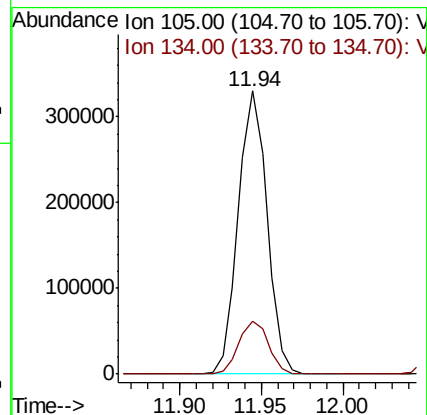
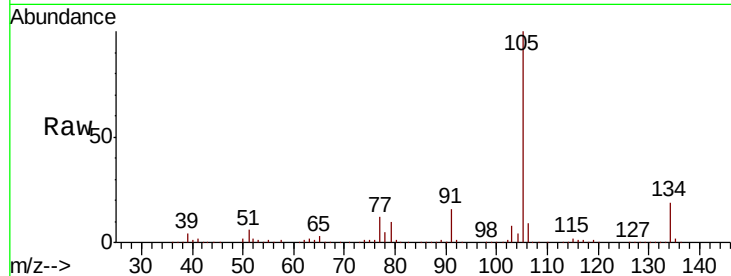
VSTDCCC050EC

Tot Ion:105 Resp: 407353

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



#86

p-Isopropyltoluene

Concen: 48.151 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009365.D

Acq: 06 May 2019 20:56

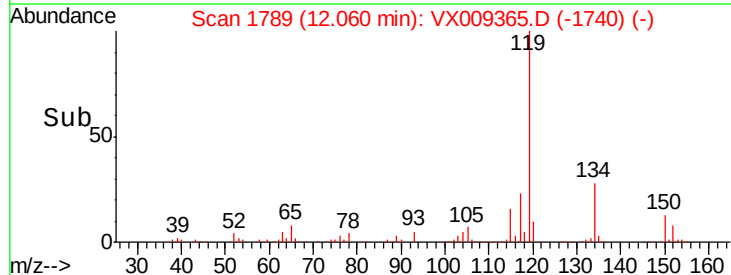
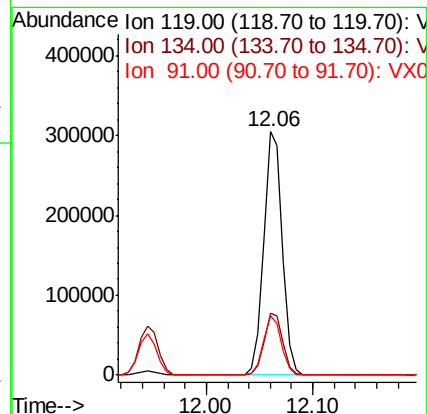
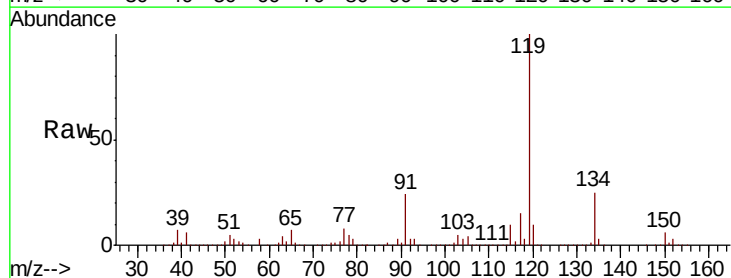
Tgt Ion:119 Resp: 371334

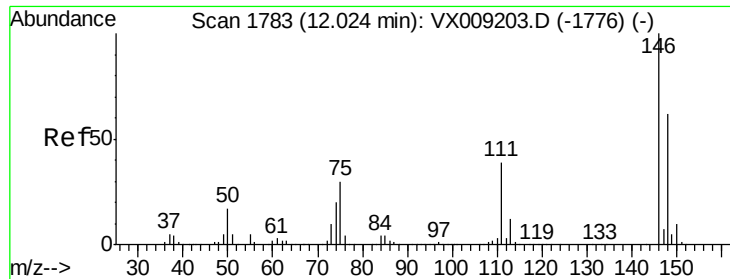
Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.7

91 23.7 11.8 35.4

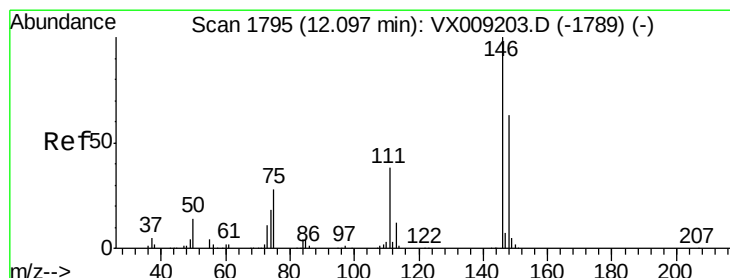
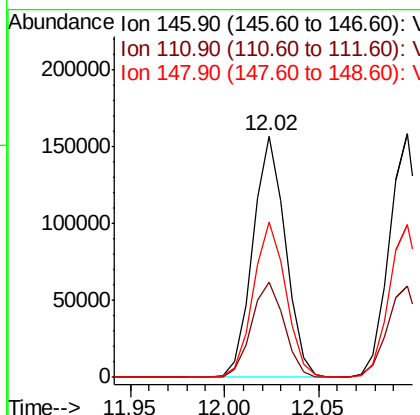
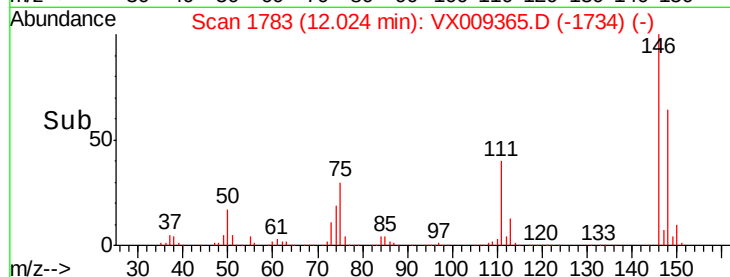
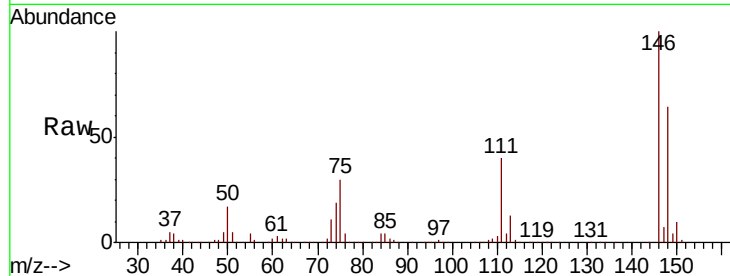




#87
 1,3-Dichlorobenzene
 Concen: 48.071 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009365.D
 Acq: 06 May 2019 20:56

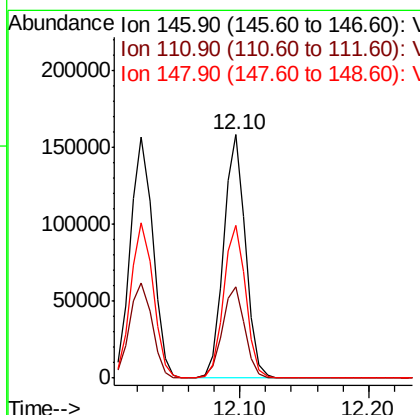
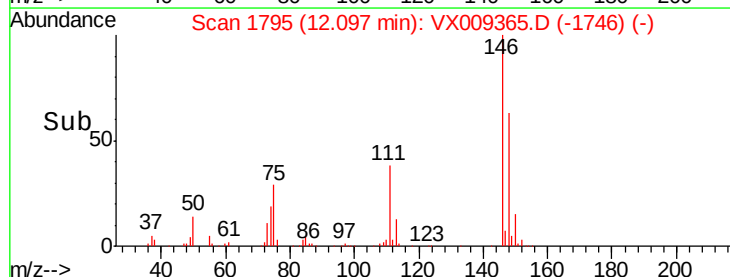
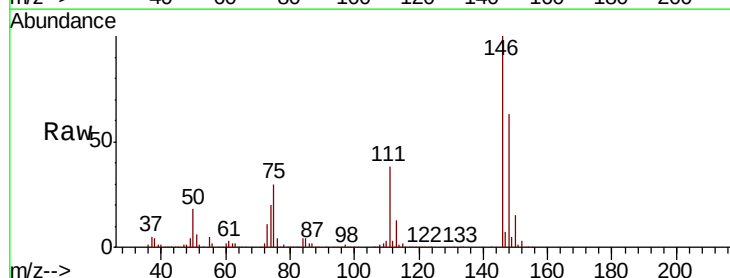
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

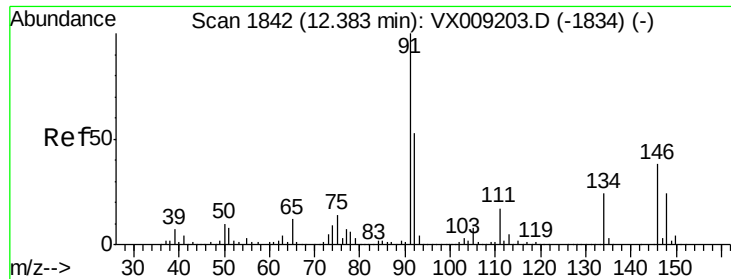
Tot Ion:146 Resp: 187892
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.0 59.9
 148 64.3 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 48.095 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009365.D
 Acq: 06 May 2019 20:56

Tgt Ion:146 Resp: 189522
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.6 58.8
 148 63.9 31.8 95.3

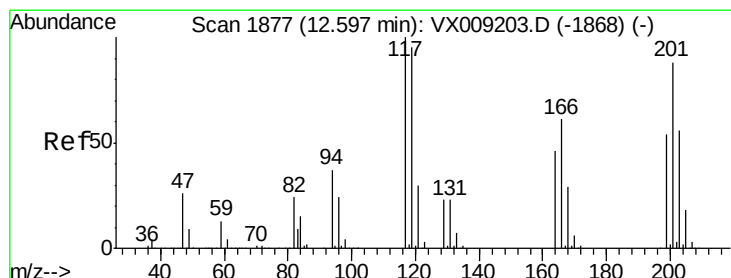
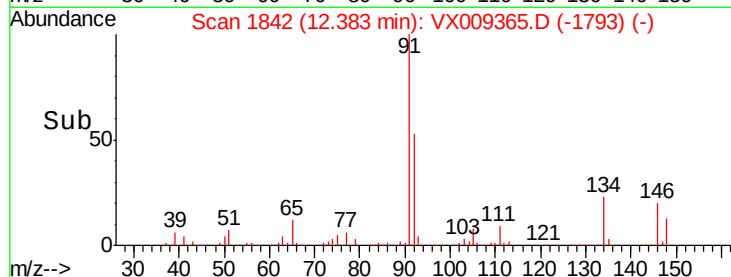
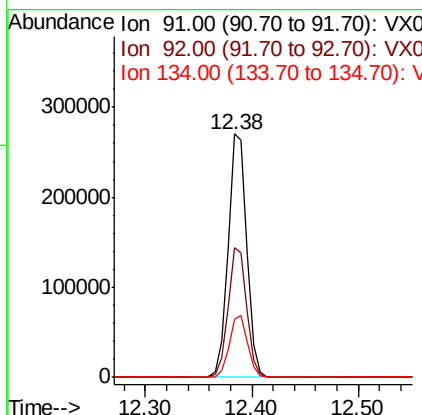
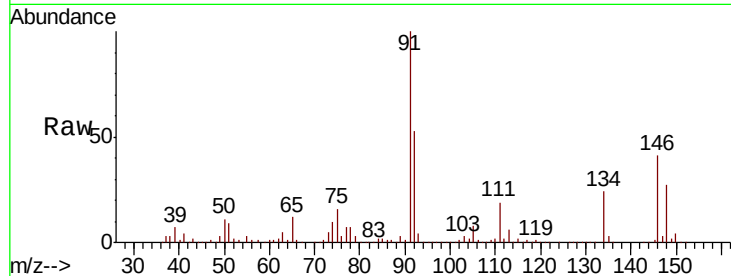




#89
n-Butylbenzene
Concen: 47.429 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009365.D
Acq: 06 May 2019 20:56

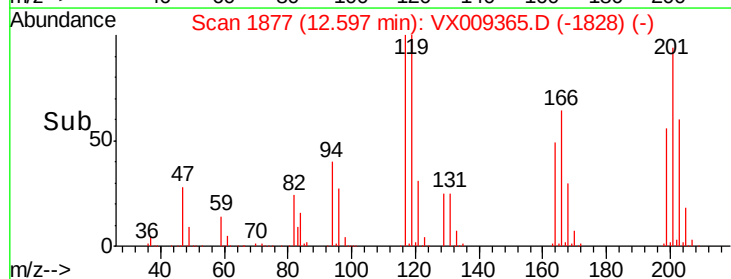
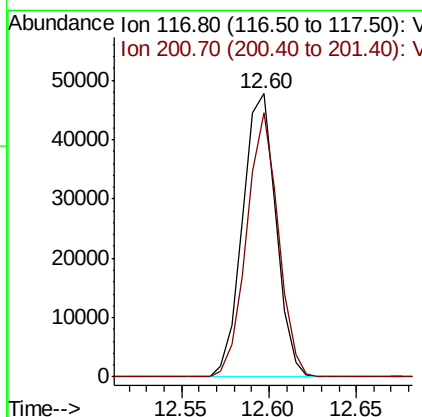
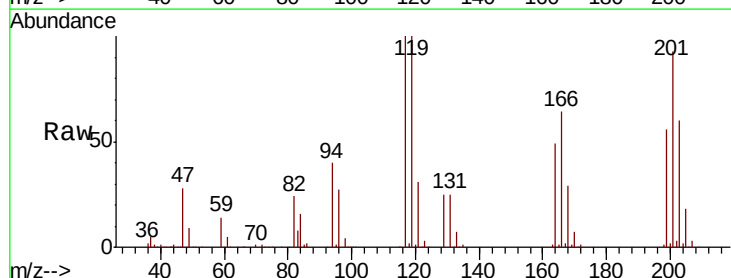
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

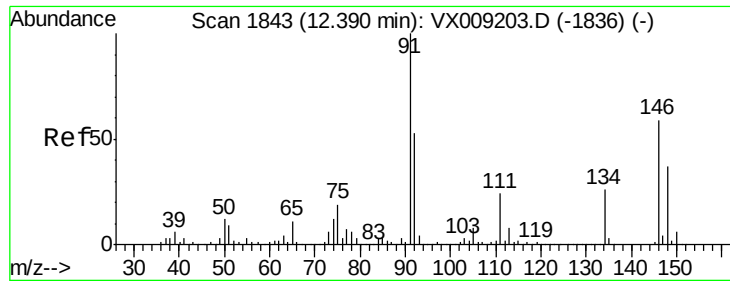
Tot Ion: 91 Resp: 330594
Ion Ratio Lower Upper
91 100
92 53.3 26.5 79.5
134 24.8 12.4 37.2



#90
Hexachloroethane
Concen: 48.242 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009365.D
Acq: 06 May 2019 20:56

Tgt Ion: 117 Resp: 63383
Ion Ratio Lower Upper
117 100
201 88.4 42.3 126.9

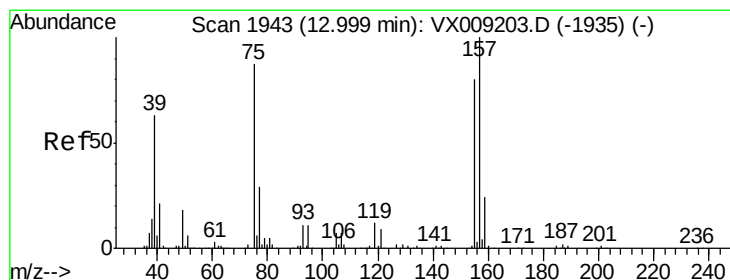
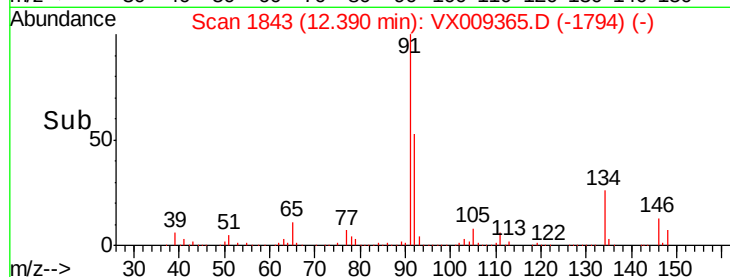
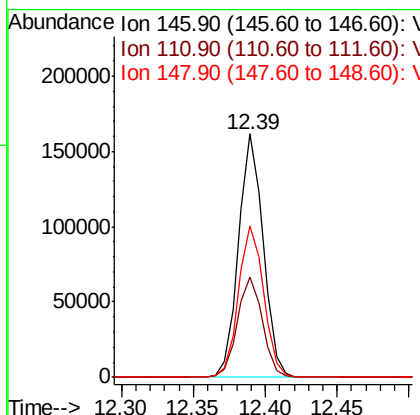
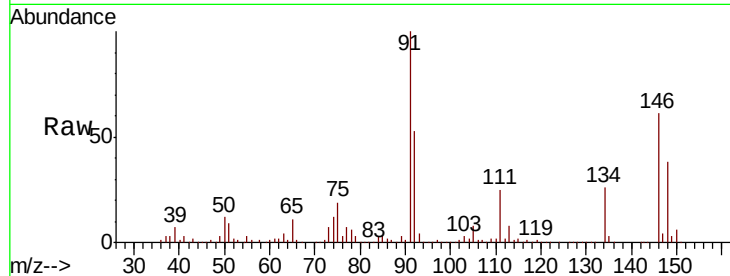




#91
 1,2-Dichlorobenzene
 Concen: 48.394 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009365.D
 Acq: 06 May 2019 20:56

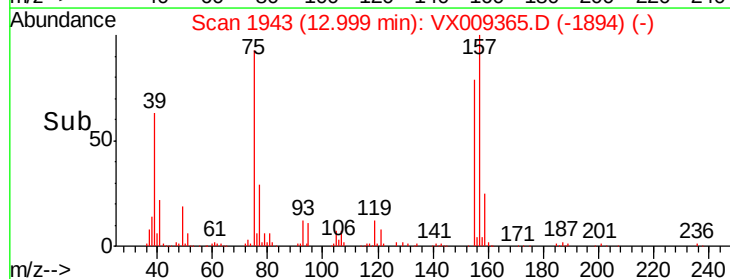
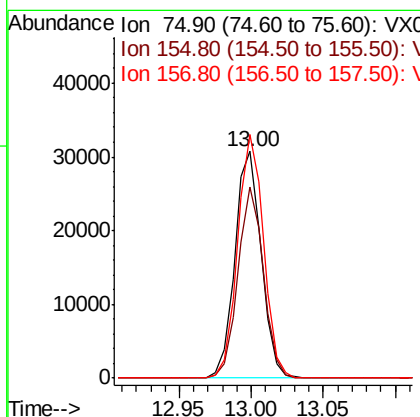
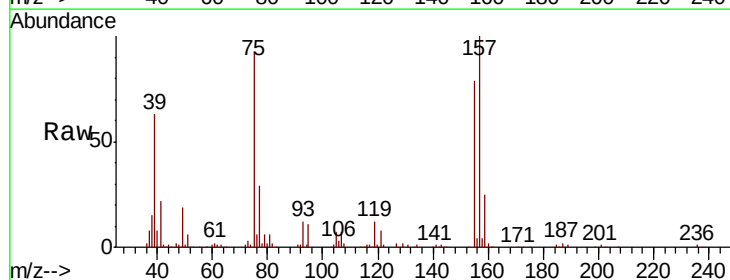
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

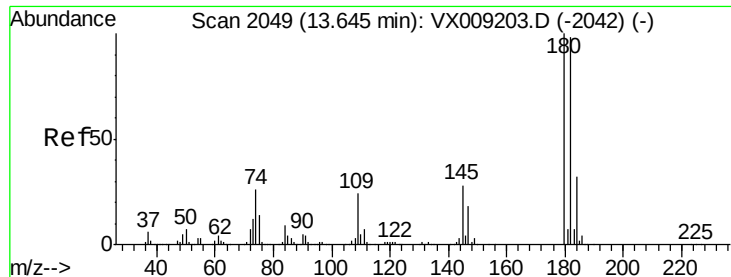
Tot Ion:146 Resp: 192661
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.8 62.4
 148 63.6 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.125 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009365.D
 Acq: 06 May 2019 20:56

Tgt Ion: 75 Resp: 39245
 Ion Ratio Lower Upper
 75 100
 155 81.2 42.0 126.0
 157 105.4 53.2 159.6

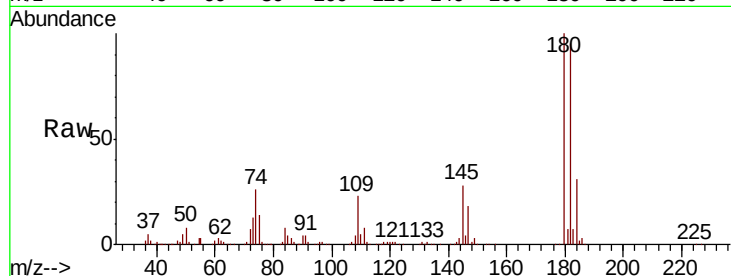




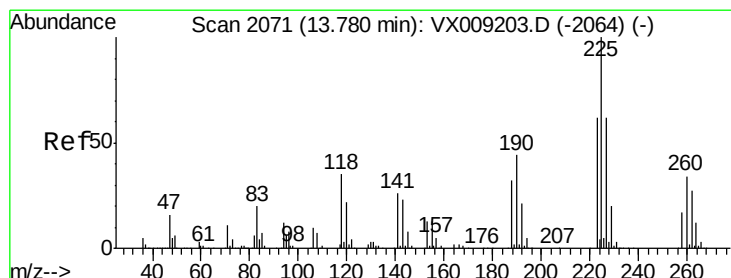
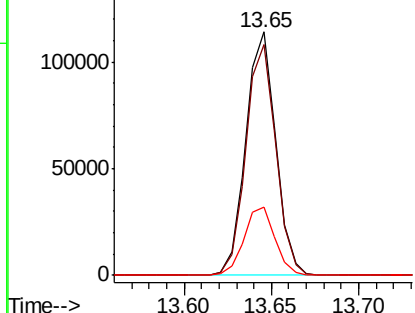
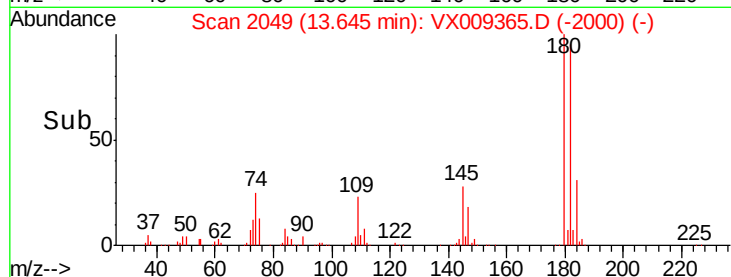
#93
 1,2,4-Trichlorobenzene
 Concen: 49.761 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009365.D
 Acq: 06 May 2019 20:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 135469
 Ion Ratio Lower Upper
 180 100
 182 95.0 48.4 145.2
 145 29.0 14.6 43.8

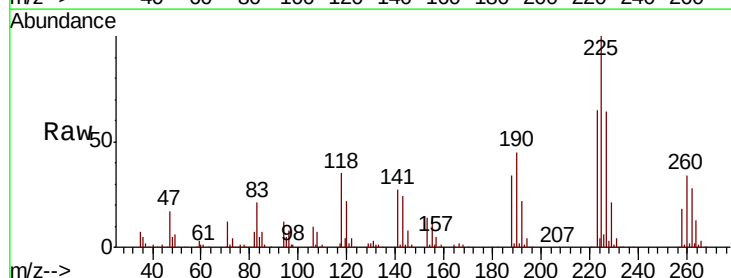


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

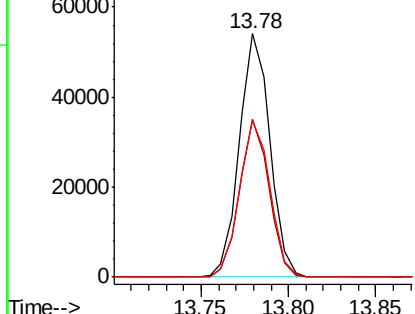
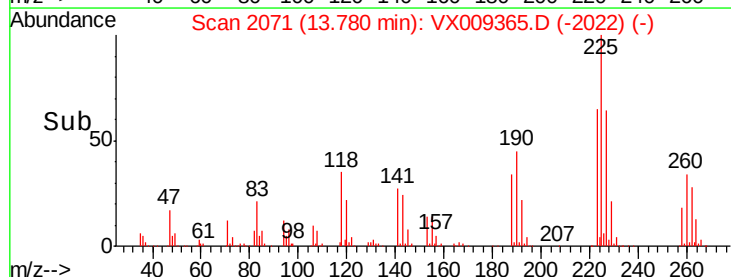


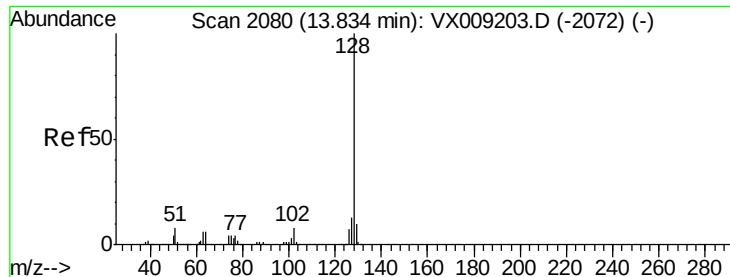
#94
 Hexachlorobutadiene
 Concen: 47.106 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009365.D
 Acq: 06 May 2019 20:56

Tgt Ion:225 Resp: 65488
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.3 93.8
 227 64.3 31.8 95.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 51.884 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009365.D

Acq: 06 May 2019 20:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

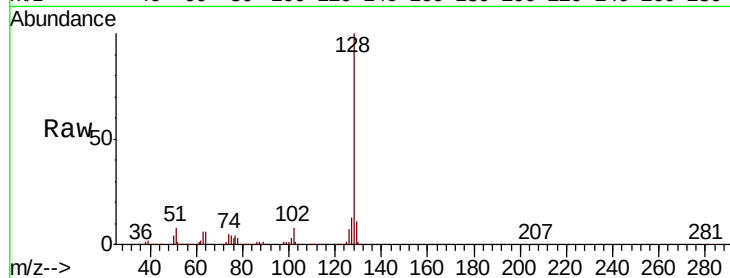
Tot Ion:128 Resp: 459547

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

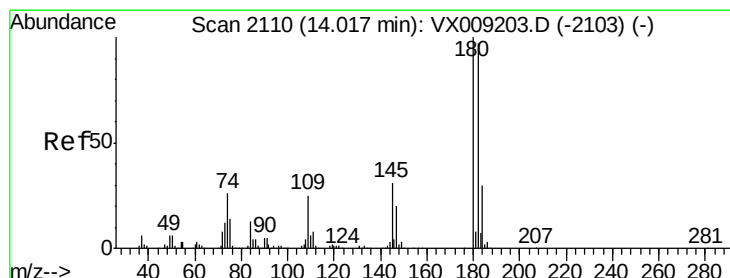
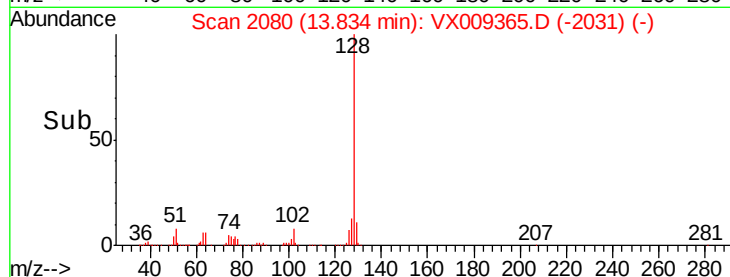
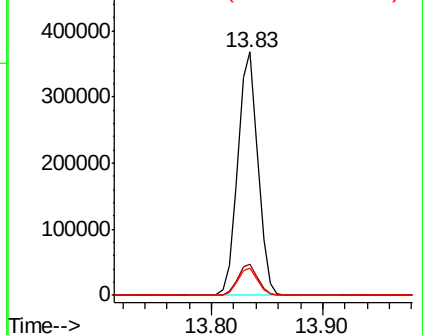
129 11.0 8.6 13.0



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: 50.103 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009365.D

Acq: 06 May 2019 20:56

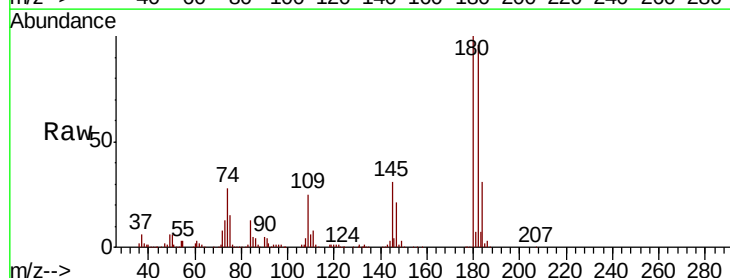
Tgt Ion:180 Resp: 138264

Ion Ratio Lower Upper

180 100

182 95.0 47.8 143.4

145 30.5 15.4 46.4



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

