

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052319\
 Data File : VX009873.D
 Acq On : 23 May 2019 20:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 24 03:55:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	170498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	290257	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	268417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129319	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	115814	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
35) Dibromofluoromethane	5.50	113	81458	44.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.28%	
50) Toluene-d8	8.71	98	331514	45.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.00%	
62) 4-Bromofluorobenzene	11.13	95	122686	45.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	57047	36.309	ug/l	100
3) Chloromethane	1.32	50	103689	48.339	ug/l	100
4) Vinyl Chloride	1.41	62	94619	45.236	ug/l	97
5) Bromomethane	1.64	94	58986	46.984	ug/l	96
6) Chloroethane	1.71	64	61891	46.086	ug/l	99
7) Trichlorofluoromethane	1.92	101	106299	41.808	ug/l	99
8) Diethyl Ether	2.19	74	58491	48.566	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	63611	39.840	ug/l	99
10) Methyl Iodide	2.51	142	89393	48.353	ug/l	98
11) Tert butyl alcohol	3.06	59	134546	249.733	ug/l	99
12) 1,1-Dichloroethene	2.37	96	70015	43.766	ug/l	96
13) Acrolein	2.29	56	112155	229.864	ug/l	99
14) Allyl chloride	2.73	41	186822	47.920	ug/l	98
15) Acrylonitrile	3.14	53	331887	251.944	ug/l	100
16) Acetone	2.45	43	295223	236.221	ug/l	97
17) Carbon Disulfide	2.57	76	202090	44.994	ug/l	99
18) Methyl Acetate	2.78	43	143515	48.285	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	307310	49.468	ug/l	99
20) Methylene Chloride	2.85	84	94721	46.809	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	80089	46.162	ug/l	98
22) Diisopropyl ether	3.86	45	381184	50.841	ug/l	93
23) Vinyl Acetate	3.82	43	1724328	268.578	ug/l	99
24) 1,1-Dichloroethane	3.70	63	175761	47.521	ug/l	99
25) 2-Butanone	4.68	43	503620	259.315	ug/l	98
26) 2,2-Dichloropropane	4.58	77	112367	40.816	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	97779	47.217	ug/l	99
28) Bromochloromethane	5.01	49	87440	59.235	ug/l	97
29) Tetrahydrofuran	5.13	42	330717	264.628	ug/l	97
30) Chloroform	5.21	83	162029	48.437	ug/l	100
31) Cyclohexane	5.58	56	146774	42.654	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	126281	45.348	ug/l	99
36) 1,1-Dichloropropene	5.80	75	116358	43.137	ug/l	99
37) Ethyl Acetate	4.84	43	190000	50.555	ug/l	98
38) Carbon Tetrachloride	5.79	117	101525	41.426	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	129500	39.093	ug/l	97
40) Benzene	6.14	78	382392	45.806	ug/l	99
41) Methacrylonitrile	5.04	41	107437	48.023	ug/l	99
42) 1,2-Dichloroethane	6.19	62	142700	47.653	ug/l	98
43) Isopropyl Acetate	6.45	43	303127	50.424	ug/l	98
44) Trichloroethene	7.21	130	86109	42.668	ug/l	100
45) 1,2-Dichloropropane	7.51	63	109816	46.457	ug/l	99
46) Dibromomethane	7.66	93	63607	46.338	ug/l	99
47) Bromodichloromethane	7.90	83	127088	46.414	ug/l	96
48) Methyl methacrylate	7.77	41	153726	51.543	ug/l	97
49) 1,4-Dioxane	7.74	88	52539	868.639	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	995040	253.237	ug/l	98
52) Toluene	8.79	92	230395	45.402	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	147927	47.851	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	162418	47.467	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	95630	46.192	ug/l	94
56) Ethyl methacrylate	9.18	69	181259	49.048	ug/l	95
57) 1,3-Dichloropropane	9.37	76	170796	46.882	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	456137	232.668	ug/l	99
59) 2-Hexanone	9.49	43	750778	243.284	ug/l	97
60) Dibromochloromethane	9.58	129	94720	46.845	ug/l	98
61) 1,2-Dibromoethane	9.67	107	98889	47.320	ug/l	99
64) Tetrachloroethene	9.34	164	78770	42.781	ug/l	99
65) Chlorobenzene	10.13	112	241301	44.939	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	87086	44.736	ug/l	99
67) Ethyl Benzene	10.25	91	442288	44.757	ug/l	99
68) m/p-Xylenes	10.36	106	323127	89.479	ug/l	97
69) o-Xylene	10.69	106	159722	44.828	ug/l	98
70) Styrene	10.71	104	283187	45.729	ug/l	99
71) Bromoform	10.85	173	72788	46.011	ug/l #	100
73) Isopropylbenzene	11.02	105	411473	43.755	ug/l	100
74) N-amyl acetate	10.90	43	269022	49.068	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	157829	45.021	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	184103	61.373	ug/l	81
77) Bromobenzene	11.26	156	105512	45.205	ug/l	97
78) n-propylbenzene	11.36	91	479975	44.691	ug/l	100
79) 2-Chlorotoluene	11.42	91	293484	44.293	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	354913	44.823	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	51765	44.153	ug/l	96
82) 4-Chlorotoluene	11.51	91	339913	45.410	ug/l	99
83) tert-Butylbenzene	11.77	119	332202	43.128	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	361434	45.476	ug/l	100
85) sec-Butylbenzene	11.94	105	388073	42.495	ug/l	100
86) p-Isopropyltoluene	12.06	119	357032	43.489	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	184402	44.317	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	183823	43.820	ug/l	99
89) n-Butylbenzene	12.38	91	328244	44.236	ug/l	100
90) Hexachloroethane	12.60	117	60457	43.225	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	184134	43.447	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35564	45.223	ug/l	96

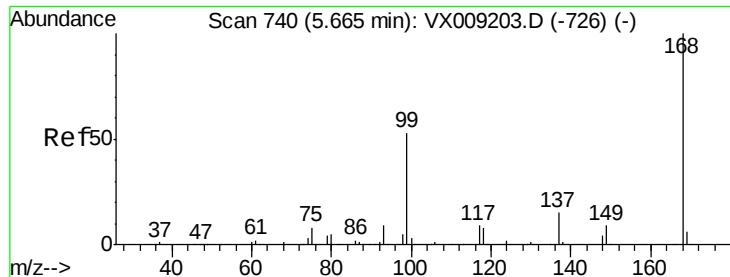
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052319\
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QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	128453	44.322	ug/l	99
94) Hexachlorobutadiene	13.78	225	57521	38.866	ug/l	98
95) Naphthalene	13.83	128	427393	45.328	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	130464	44.409	ug/l	100

(#) = 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: VX009873.D

Acq: 23 May 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

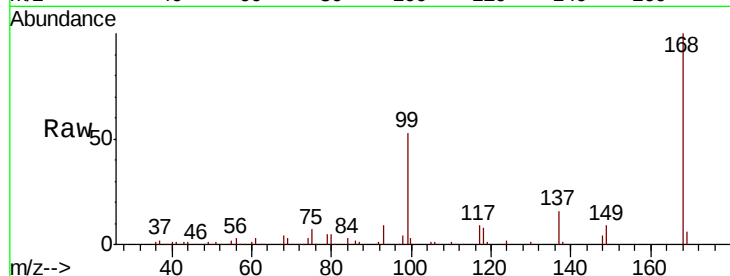
VSTDCCC050EC

Tot Ion:168 Resp: 170498

Ion Ratio Lower Upper

168 100

99 53.3 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

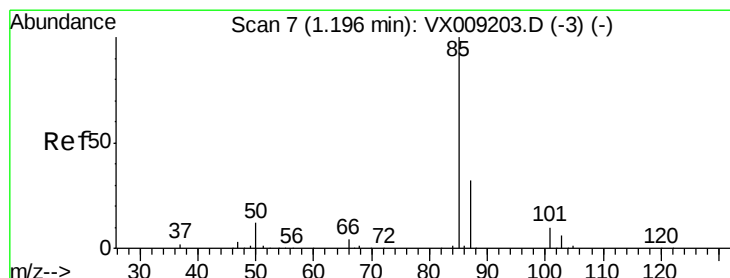
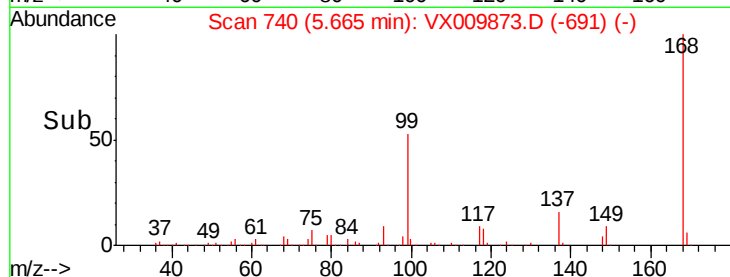
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 36.309 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009873.D

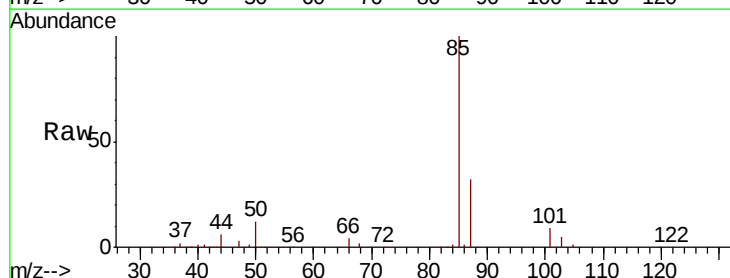
Acq: 23 May 2019 20:58

Tgt Ion: 85 Resp: 57047

Ion Ratio Lower Upper

85 100

87 32.4 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

50000

40000

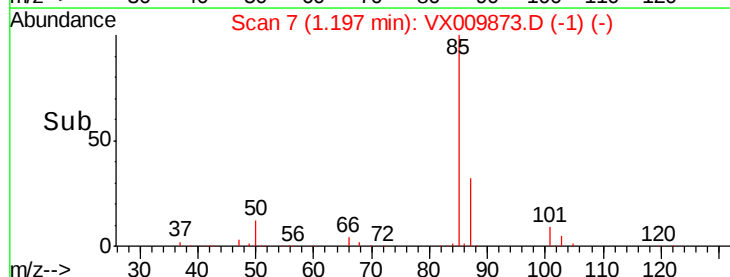
30000

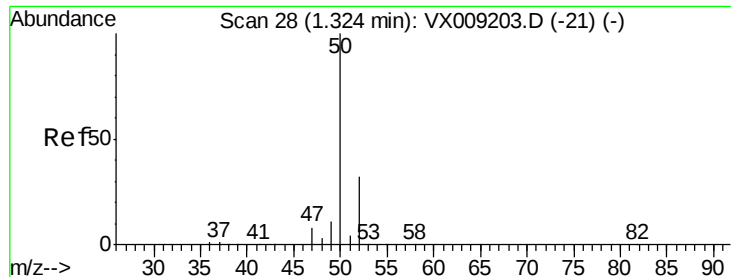
20000

10000

0

Time--> 1.15 1.20 1.25 1.30

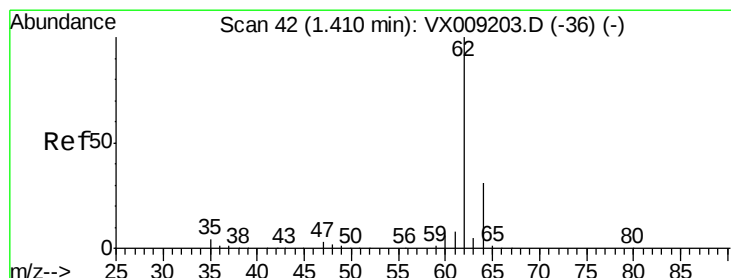
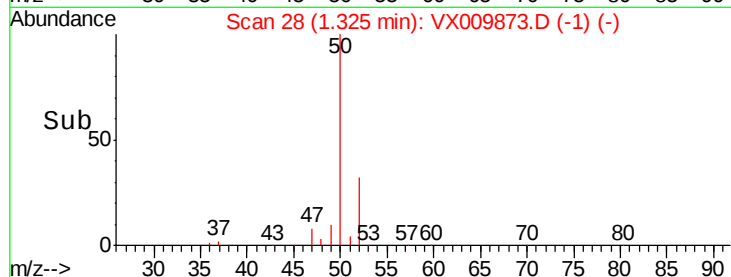
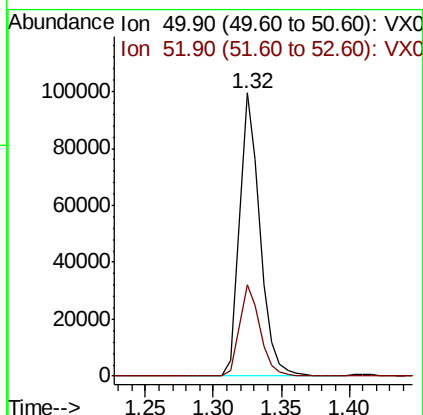
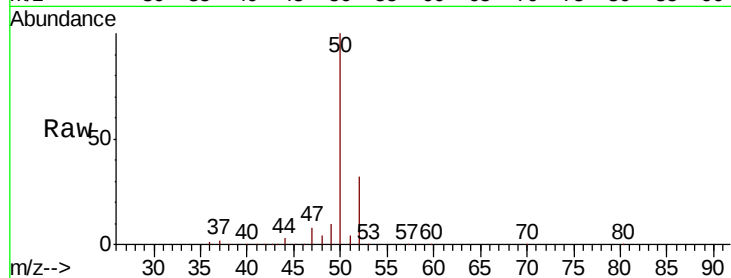




#3
Chloromethane
Concen: 48.339 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

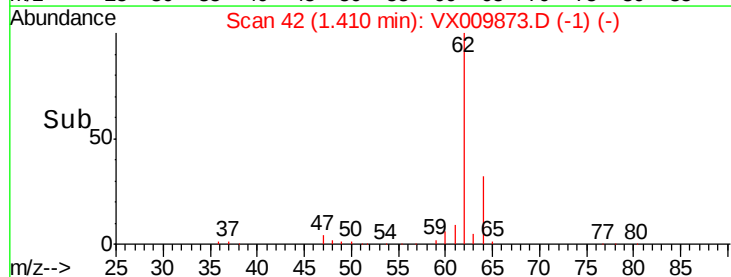
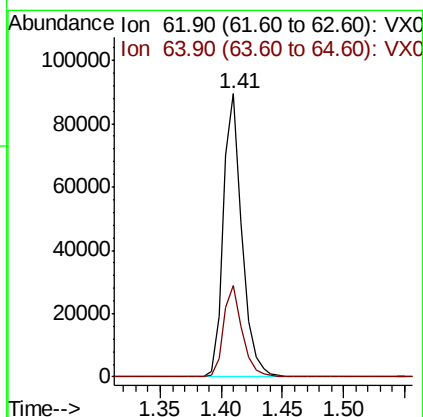
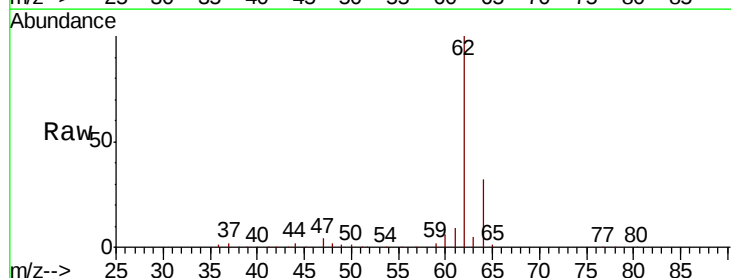
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 50 Resp: 103689
Ion Ratio Lower Upper
50 100
52 32.3 25.9 38.9



#4
Vinyl Chloride
Concen: 45.236 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

Tgt Ion: 62 Resp: 94619
Ion Ratio Lower Upper
62 100
64 32.2 24.6 36.8





#5

Bromomethane

Concen: 46.984 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

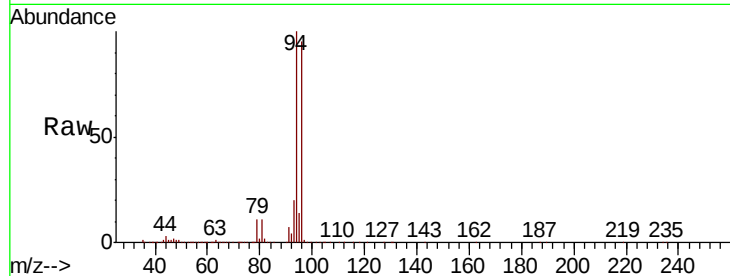
VSTDCCC050EC

Tot Ion: 94 Resp: 58986

Ion Ratio Lower Upper

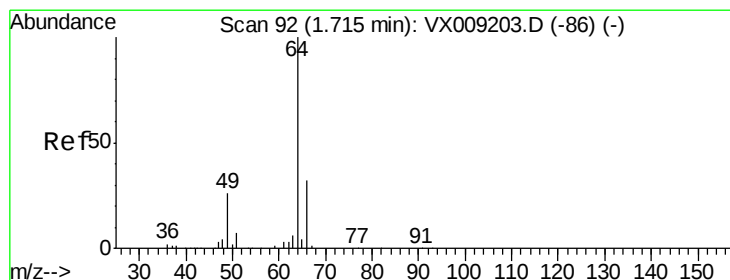
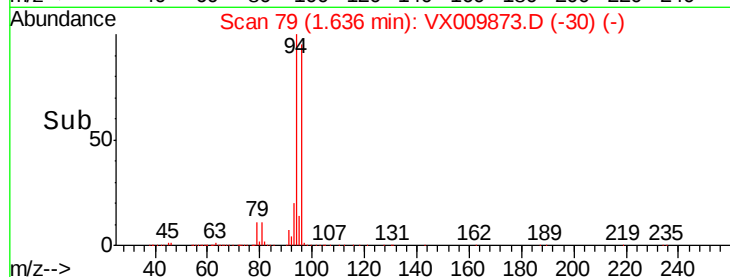
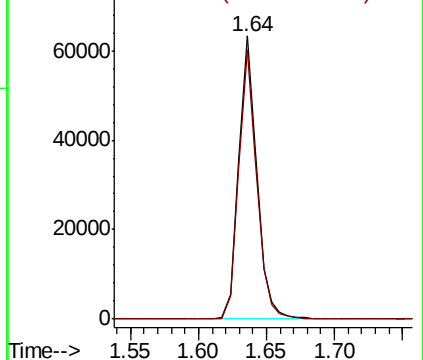
94 100

96 95.2 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: 46.086 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX009873.D

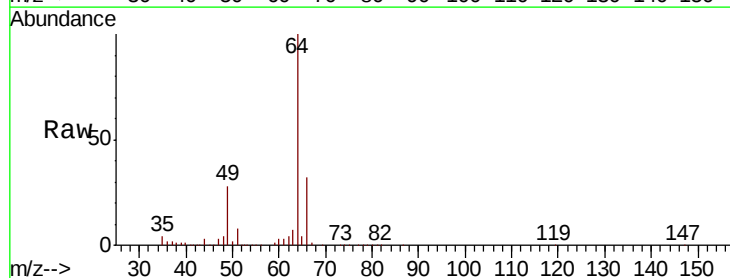
Acq: 23 May 2019 20:58

Tgt Ion: 64 Resp: 61891

Ion Ratio Lower Upper

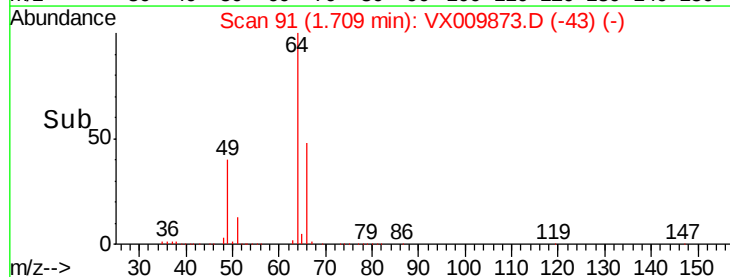
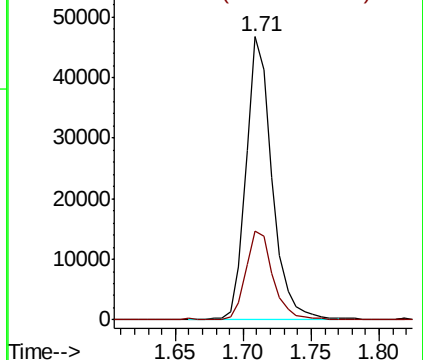
64 100

66 31.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



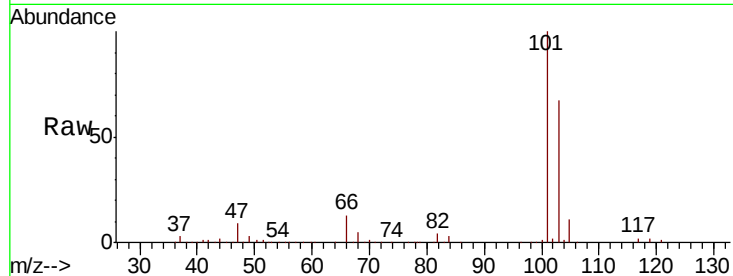


#7

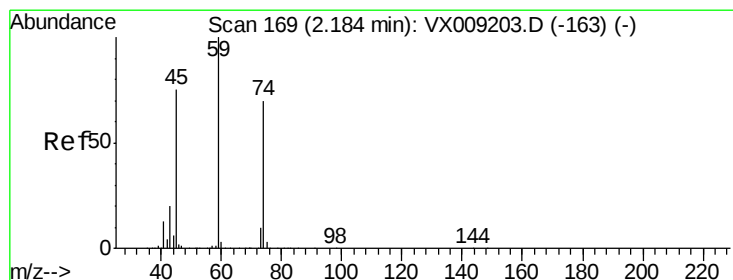
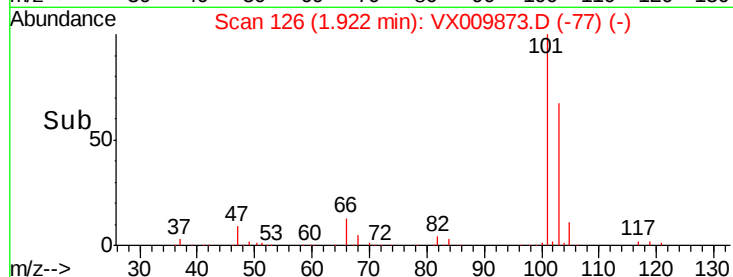
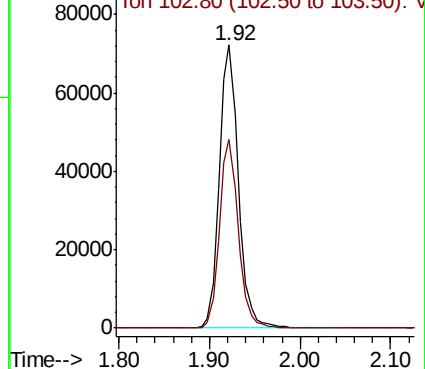
Trichlorofluoromethane
Concen: 41.808 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 106299
Ion Ratio Lower Upper
101 100
103 66.7 52.4 78.6



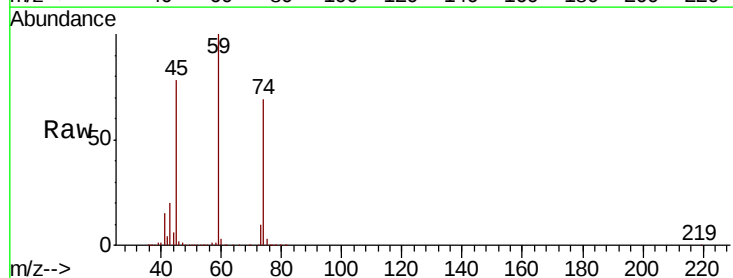
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



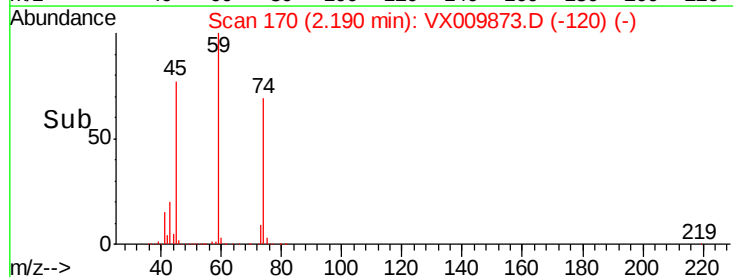
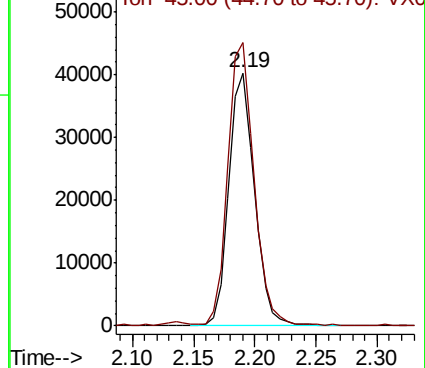
#8

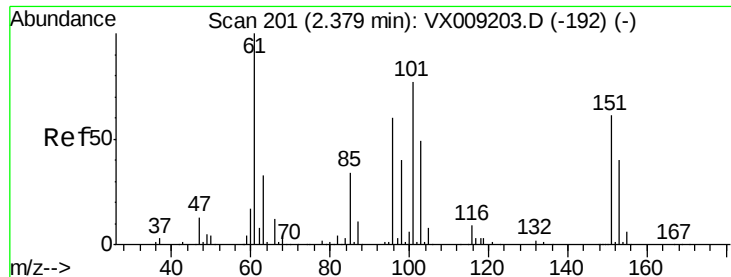
Diethyl Ether
Concen: 48.566 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

Tgt Ion: 74 Resp: 58491
Ion Ratio Lower Upper
74 100
45 113.0 53.3 159.9



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 39.840 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

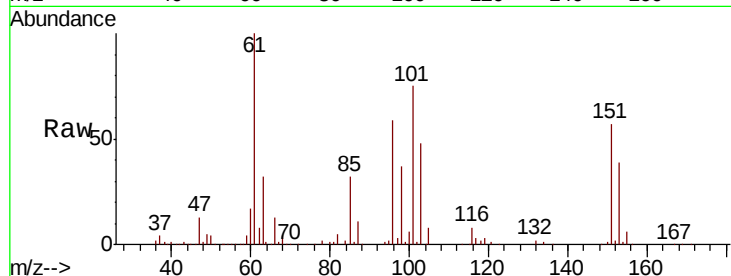
Tot Ion:101 Resp: 63611

Ion Ratio Lower Upper

101 100

85 44.4 35.7 53.5

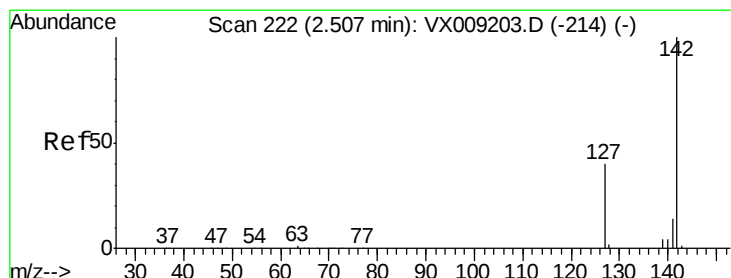
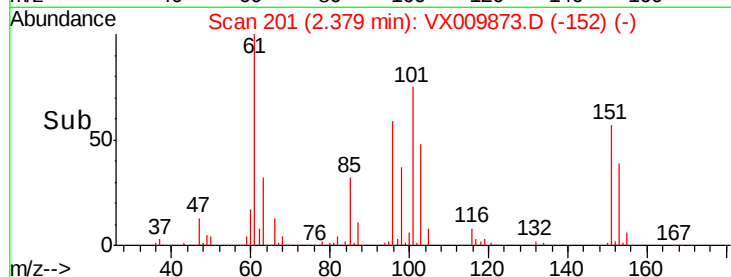
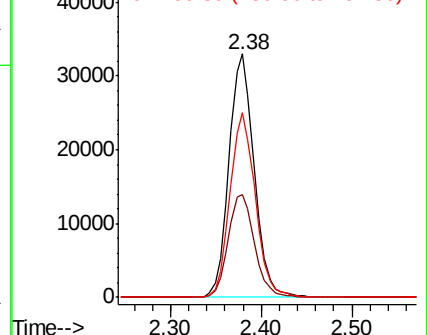
151 76.4 62.2 93.2



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: 48.353 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

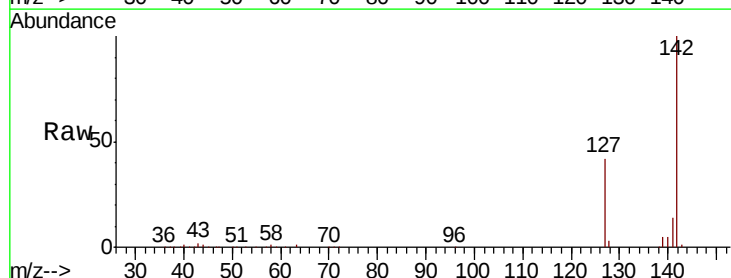
Tgt Ion:142 Resp: 89393

Ion Ratio Lower Upper

142 100

127 42.1 32.7 49.1

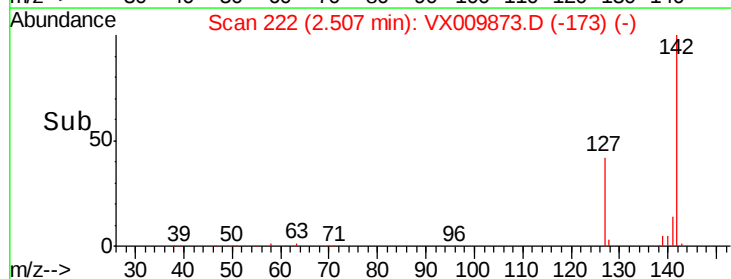
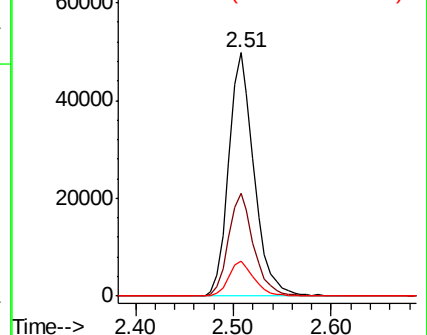
141 14.5 11.5 17.3

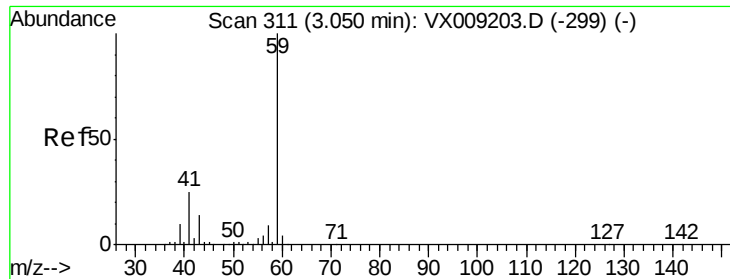


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

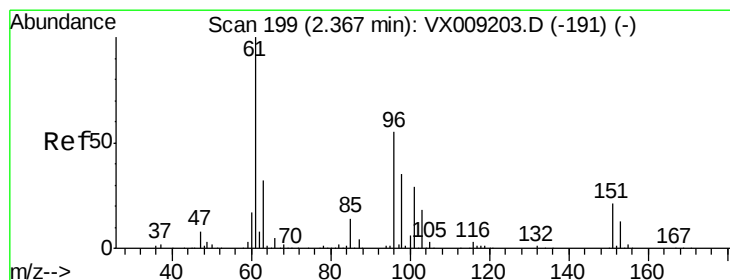
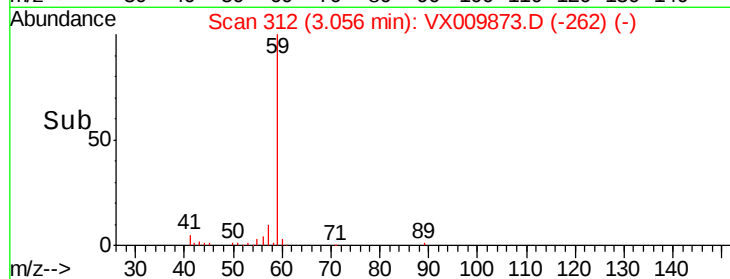
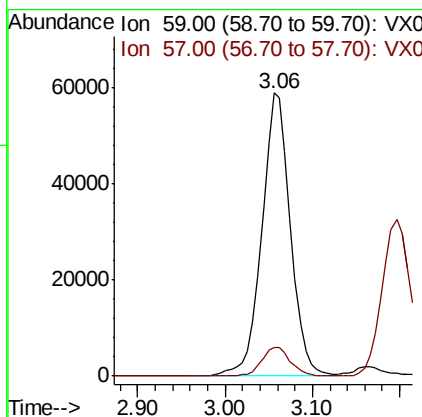
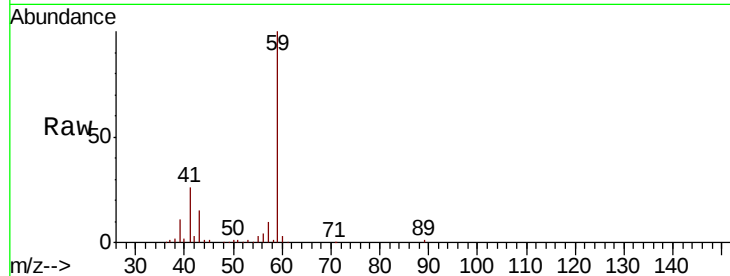




#11
Tert butyl alcohol
Concen: 249.733 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

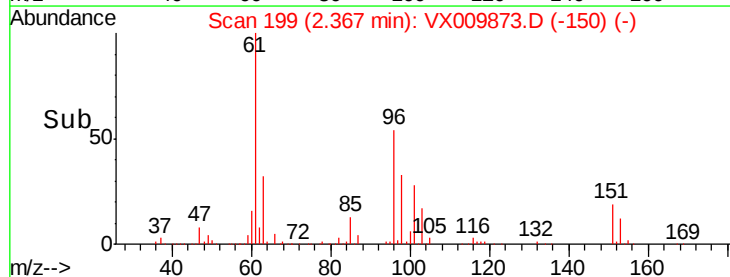
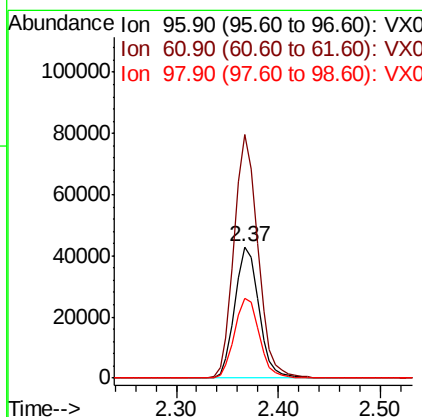
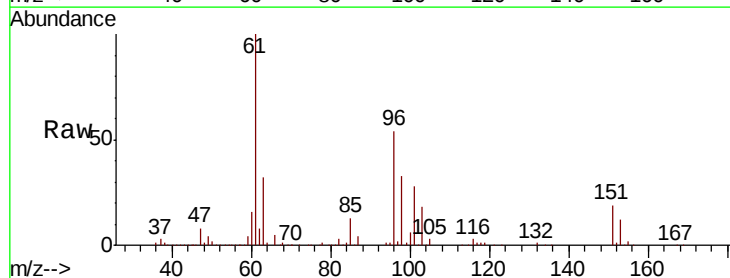
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

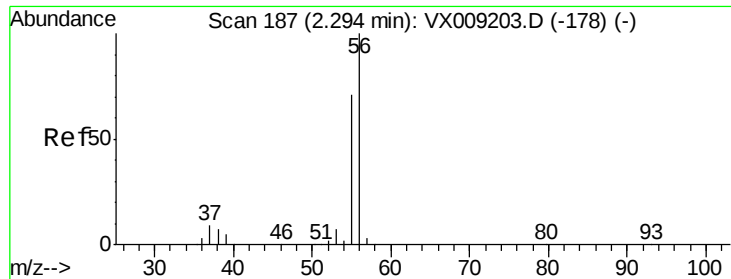
Tot Ion: 59 Resp: 134546
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 43.766 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

Tgt Ion: 96 Resp: 70015
Ion Ratio Lower Upper
96 100
61 185.9 144.3 216.5
98 60.9 50.3 75.5





#13

Acrolein

Concen: 229.864 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

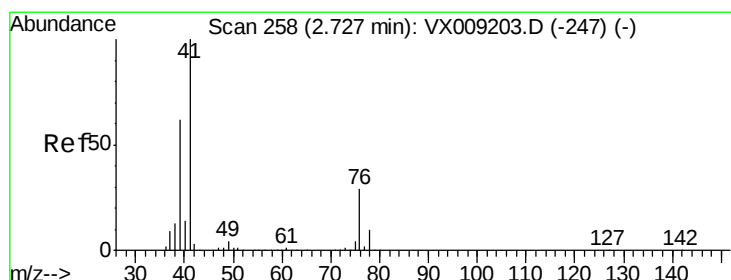
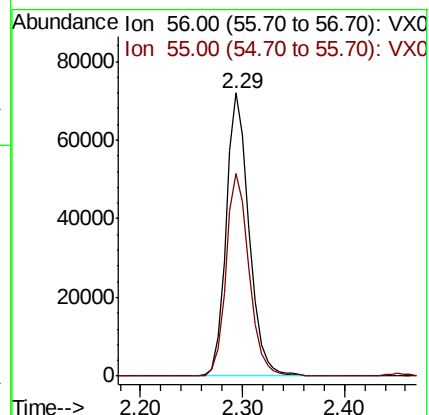
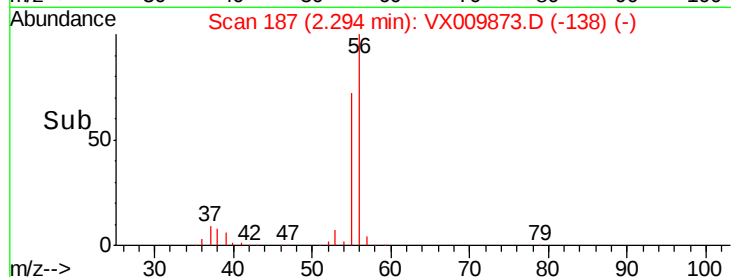
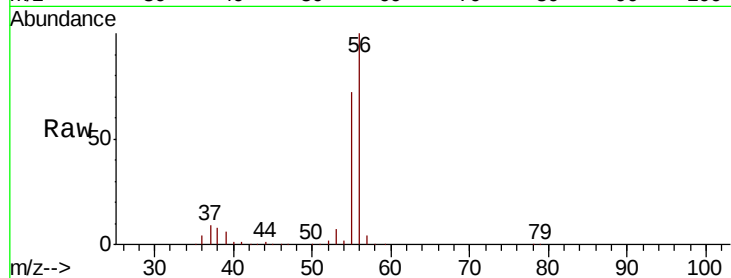
VSTDCCC050EC

Tot Ion: 56 Resp: 112155

Ion Ratio Lower Upper

56 100

55 71.9 56.6 85.0



#14

Allyl chloride

Concen: 47.920 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

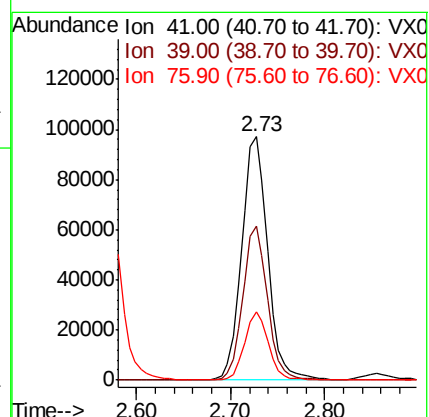
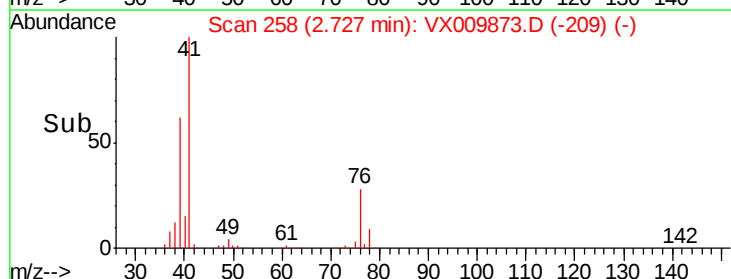
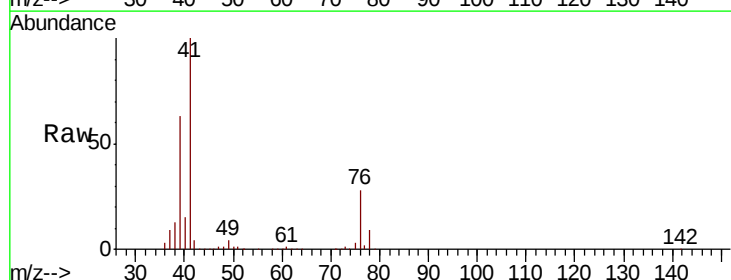
Tgt Ion: 41 Resp: 186822

Ion Ratio Lower Upper

41 100

39 59.5 46.7 70.1

76 25.8 21.8 32.8





#15

Acrylonitrile

Concen: 251.944 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

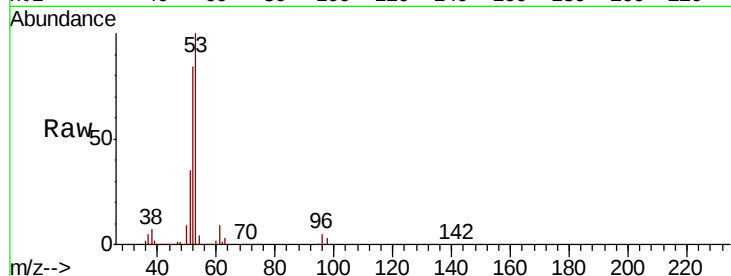
Tot Ion: 53 Resp: 331887

Ion Ratio Lower Upper

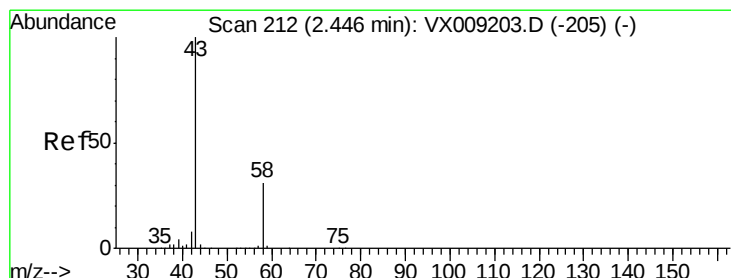
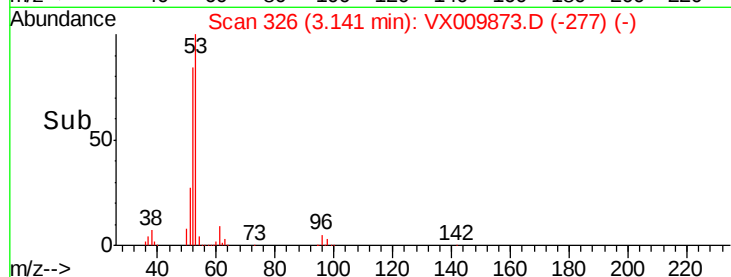
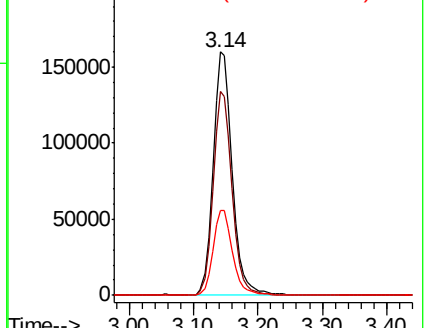
53 100

52 83.4 66.9 100.3

51 35.7 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: 236.221 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009873.D

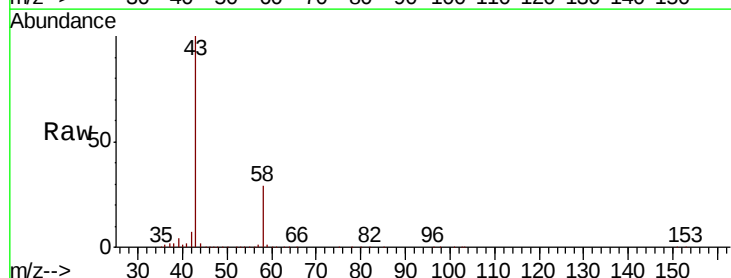
Acq: 23 May 2019 20:58

Tgt Ion: 43 Resp: 295223

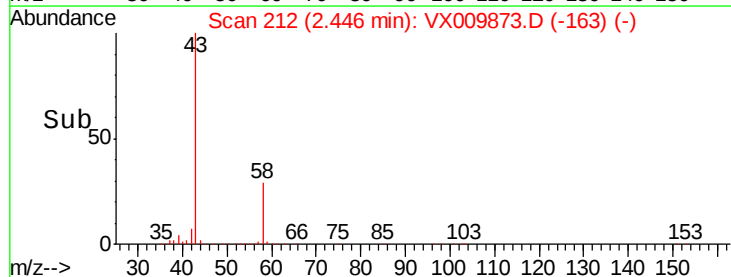
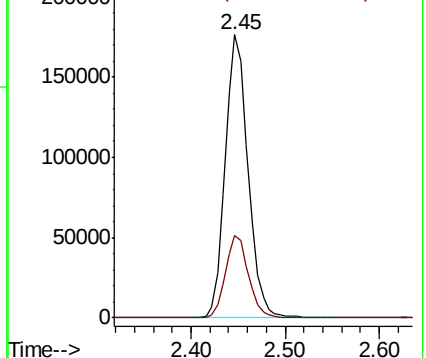
Ion Ratio Lower Upper

43 100

58 29.3 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: 44.994 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

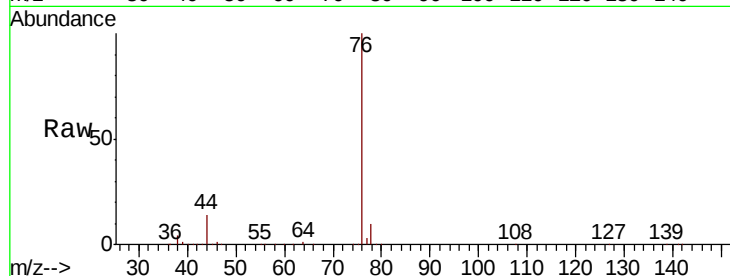
VSTDCCC050EC

Tot Ion: 76 Resp: 202090

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

120000

100000

80000

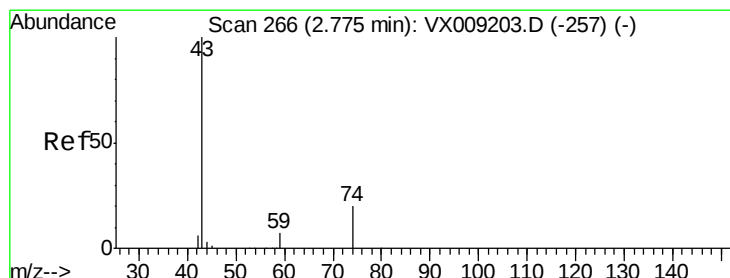
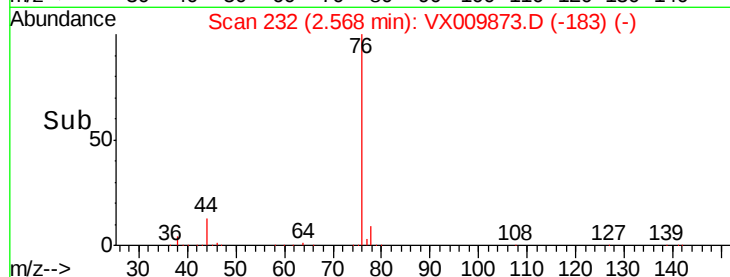
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 48.285 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX009873.D

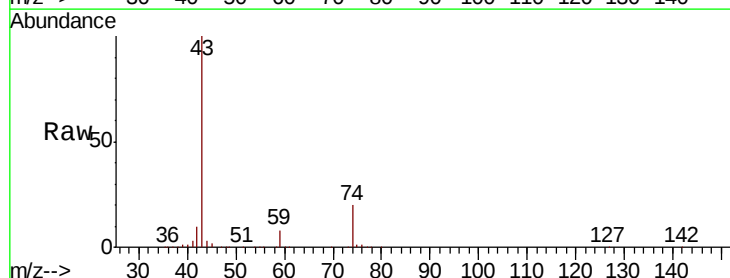
Acq: 23 May 2019 20:58

Tgt Ion: 43 Resp: 143515

Ion Ratio Lower Upper

43 100

74 20.2 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

80000

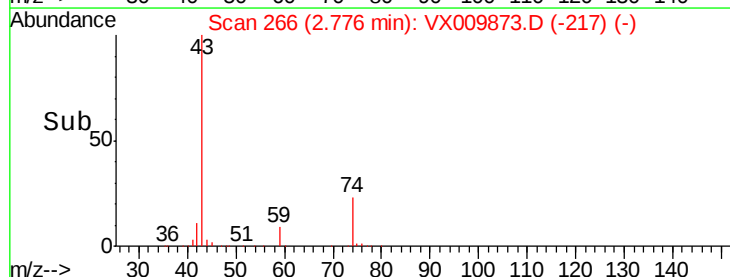
60000

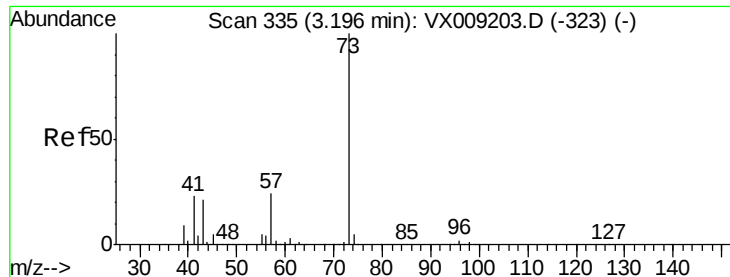
40000

20000

0

Time-->



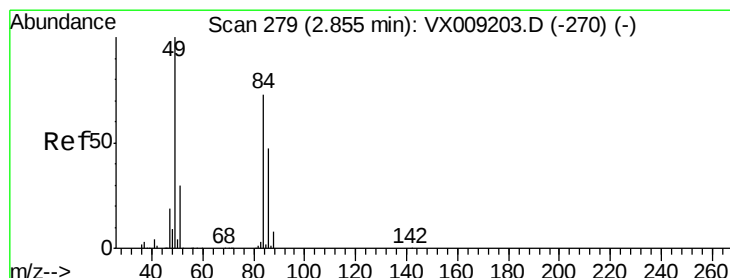
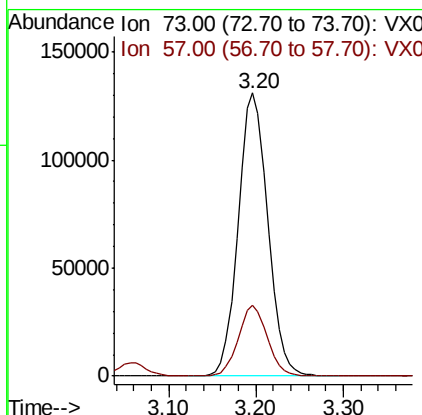
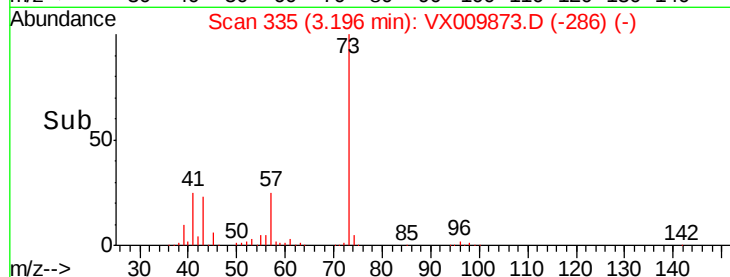
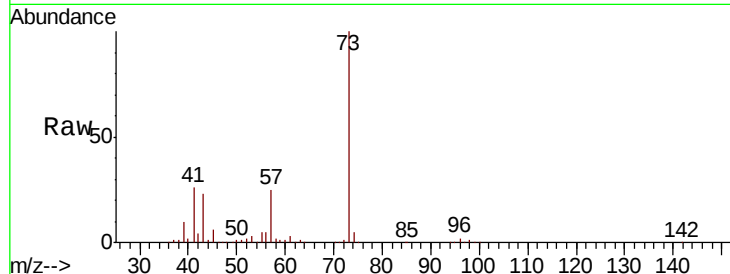


#19

Methyl tert-butyl Ether
 Concen: 49.468 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX009873.D
 Acq: 23 May 2019 20:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

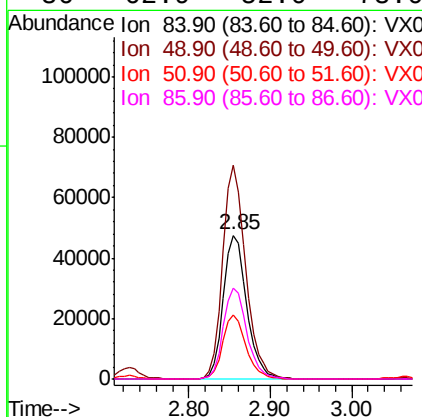
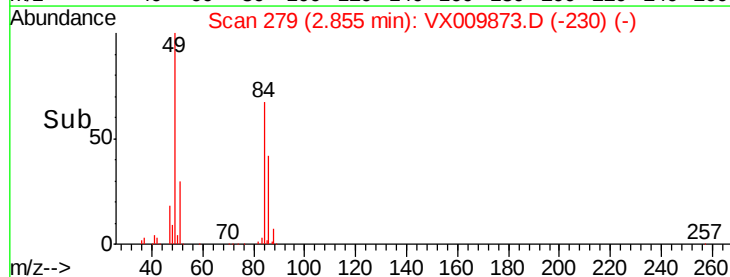
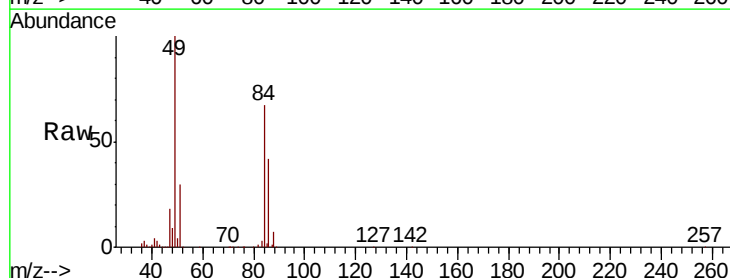
Tot Ion: 73 Resp: 307310
 Ion Ratio Lower Upper
 73 100
 57 24.8 19.3 28.9



#20

Methylene Chloride
 Concen: 46.809 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX009873.D
 Acq: 23 May 2019 20:58

Tgt Ion: 84 Resp: 94721
 Ion Ratio Lower Upper
 84 100
 49 148.6 109.9 164.9
 51 44.3 32.7 49.1
 86 62.9 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 46.162 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

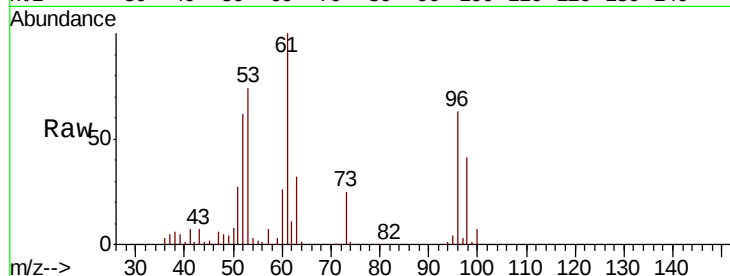
Tot Ion: 96 Resp: 80089

Ion Ratio Lower Upper

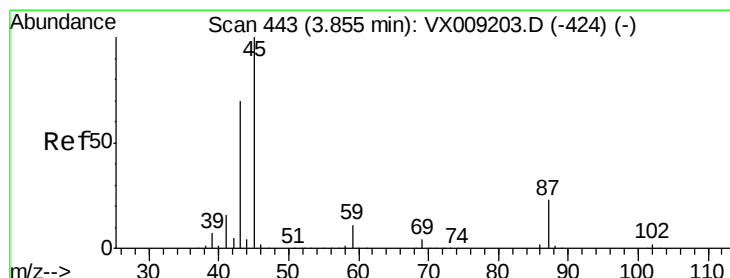
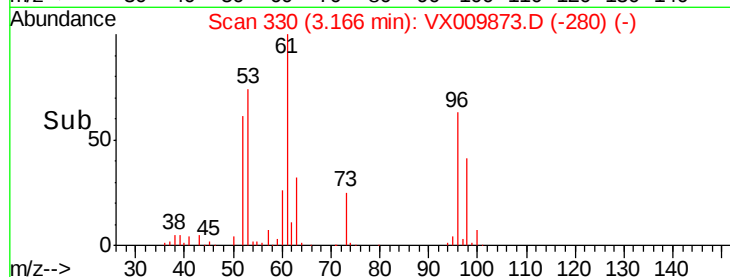
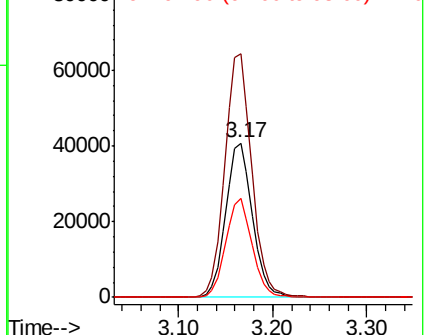
96 100

61 157.7 124.5 186.7

98 64.1 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: 50.841 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

Tgt Ion: 45 Resp: 381184

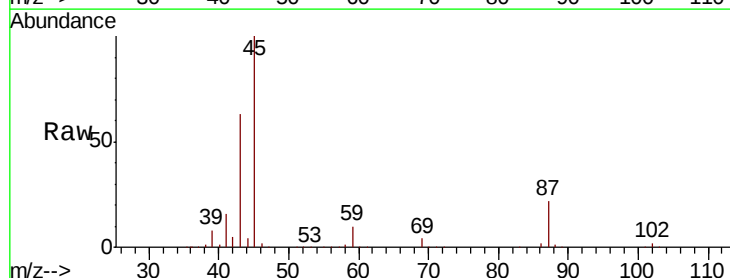
Ion Ratio Lower Upper

45 100

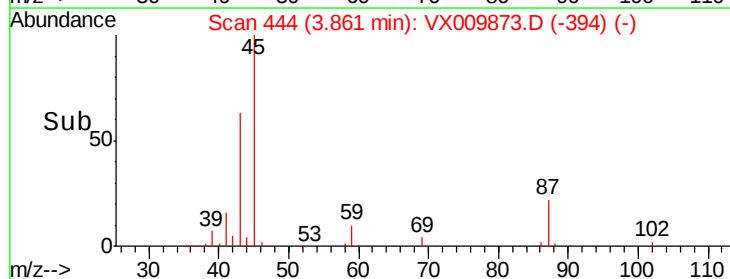
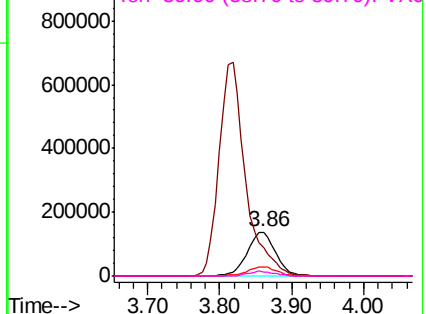
43 62.5 56.1 84.1

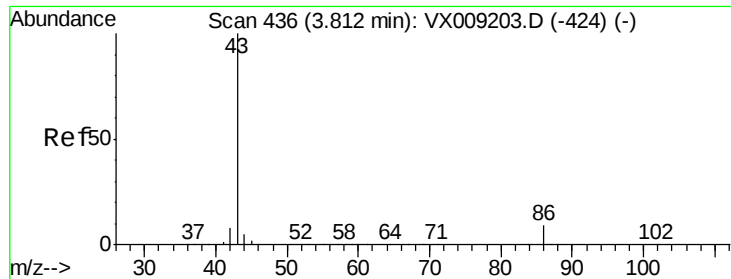
87 21.7 18.1 27.1

59 10.2 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: 268.578 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

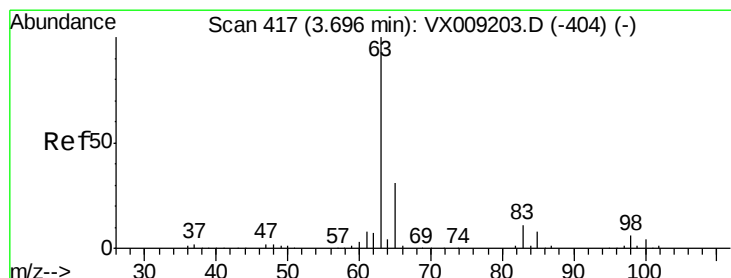
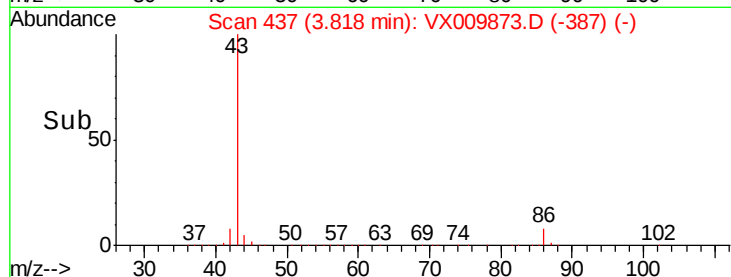
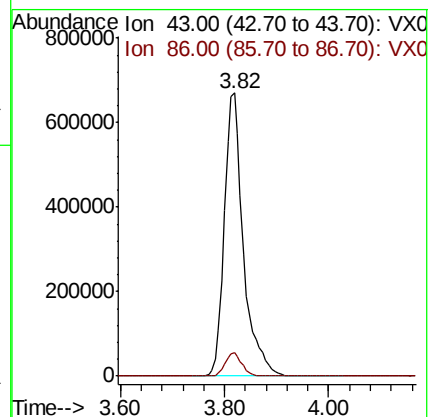
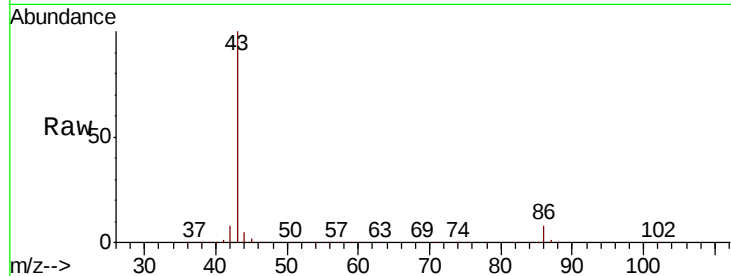
VSTDCCC050EC

Tot Ion: 43 Resp: 1724328

Ion Ratio Lower Upper

43 100

86 8.2 6.9 10.3



#24

1,1-Dichloroethane

Concen: 47.521 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

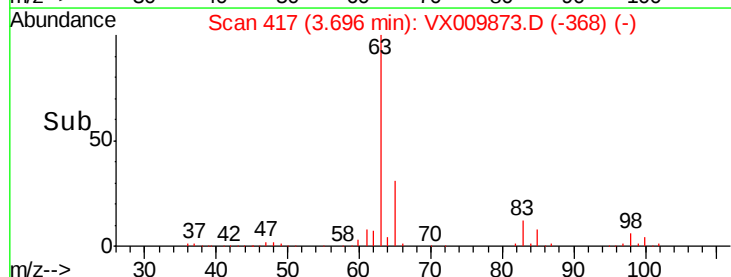
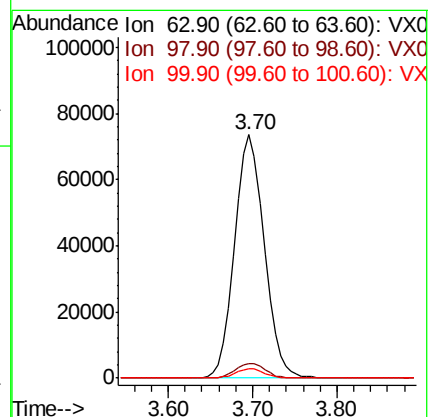
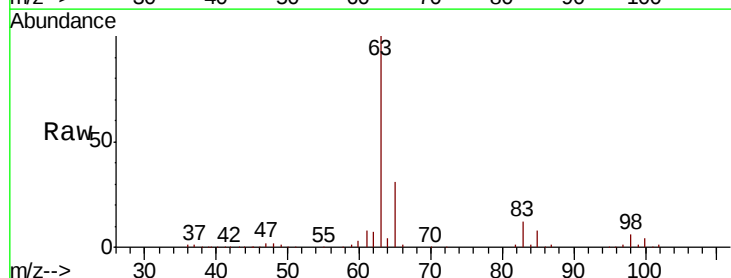
Tgt Ion: 63 Resp: 175761

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.2

100 3.6 2.0 6.0





#25

2-Butanone

Concen: 259.315 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

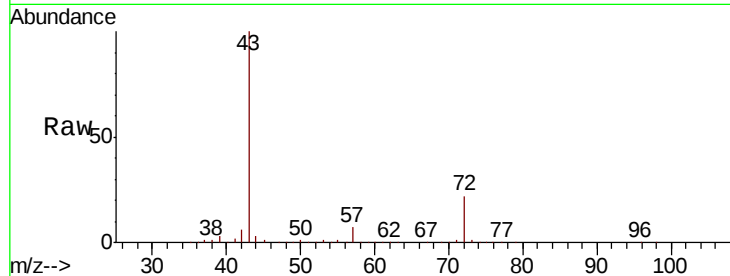
VSTDCCC050EC

Tot Ion: 43 Resp: 503620

Ion Ratio Lower Upper

43 100

72 21.5 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

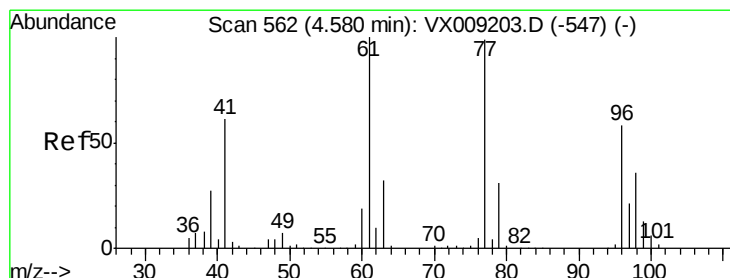
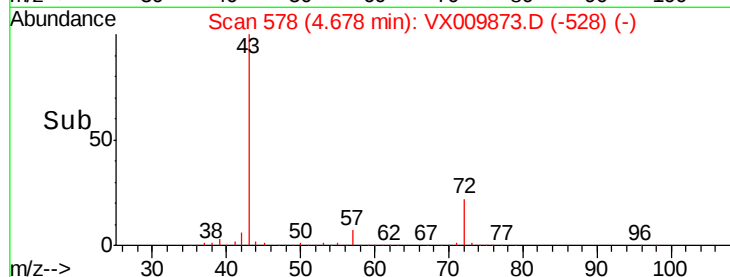
4.68

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 40.816 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009873.D

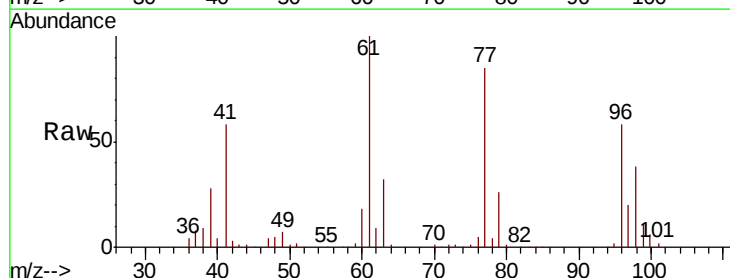
Acq: 23 May 2019 20:58

Tgt Ion: 77 Resp: 112367

Ion Ratio Lower Upper

77 100

97 23.1 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

4.58

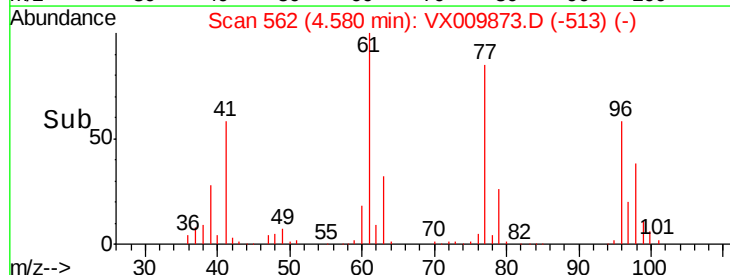
4.40

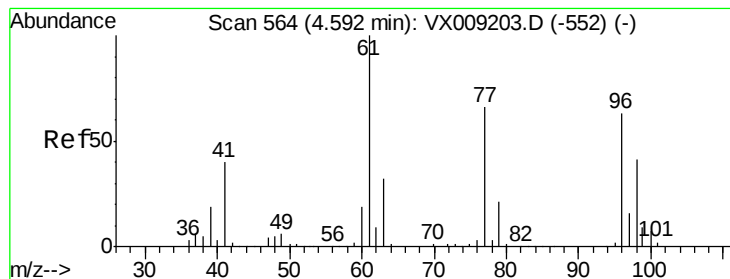
4.50

4.60

4.70

Time-->



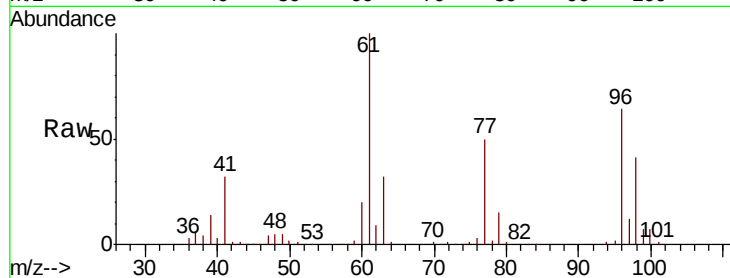


#27

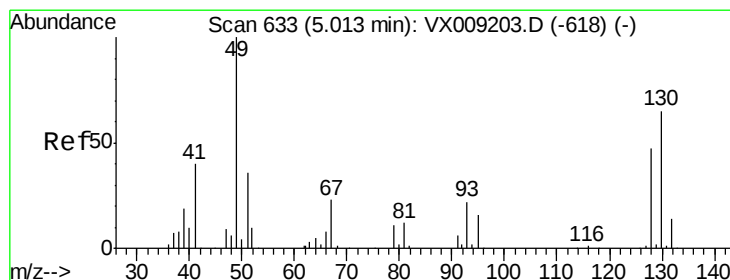
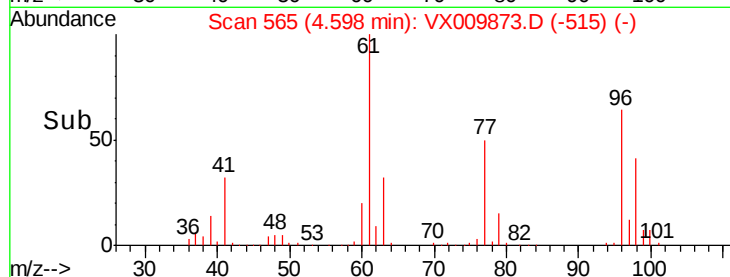
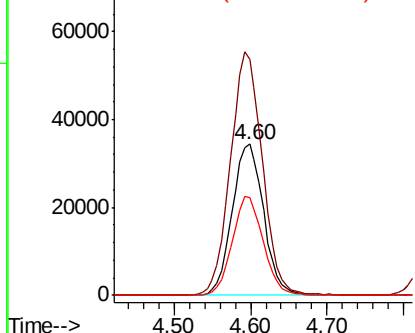
cis-1,2-Dichloroethene
Concen: 47.217 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 97779
Ion Ratio Lower Upper
96 100
61 163.8 0.0 324.0
98 64.3 0.0 130.4



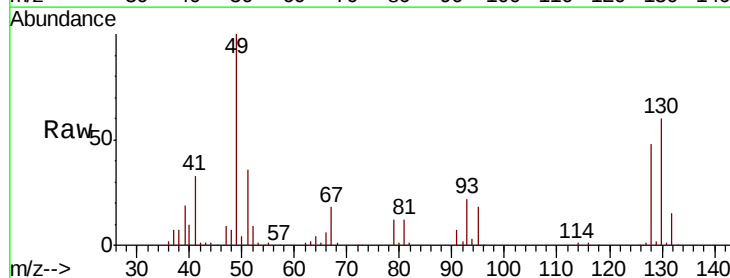
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



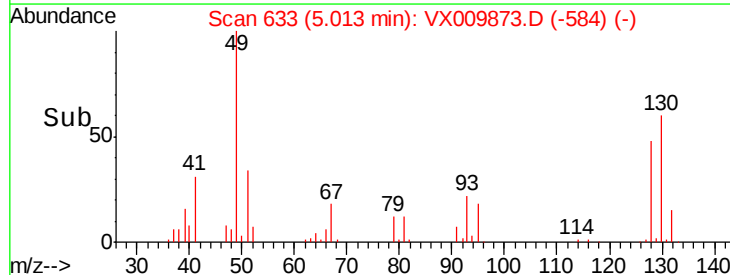
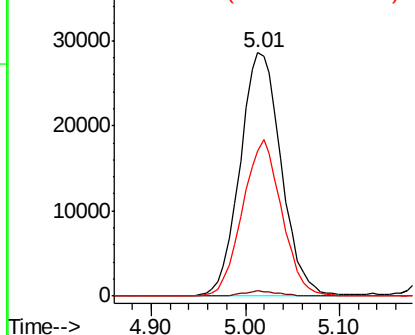
#28

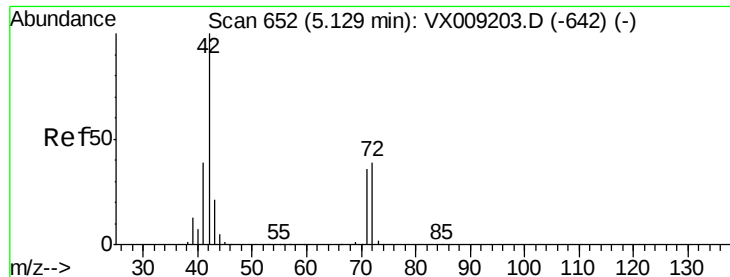
Bromochloromethane
Concen: 59.235 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

Tgt Ion: 49 Resp: 87440
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 61.3 51.2 76.8



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





#29

Tetrahydrofuran

Concen: 264.628 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

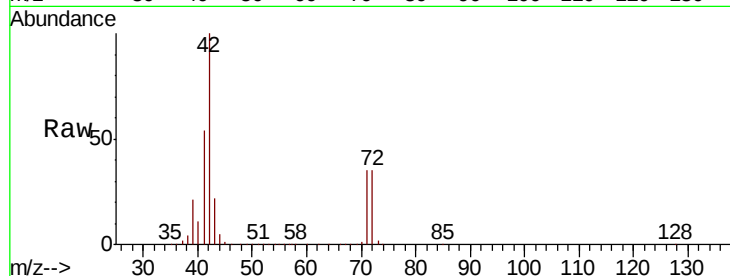
Tot Ion: 42 Resp: 330717

Ion Ratio Lower Upper

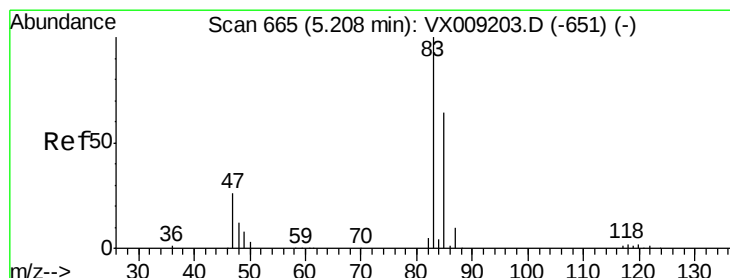
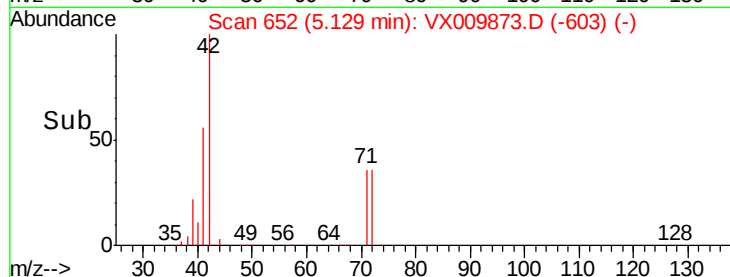
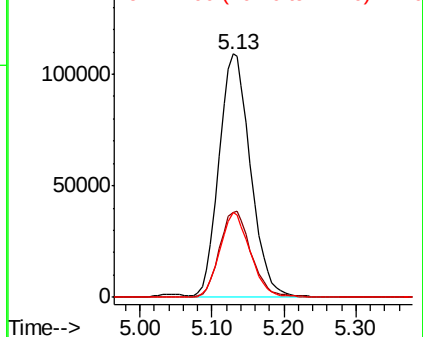
42 100

72 35.8 30.4 45.6

71 33.9 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.437 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX009873.D

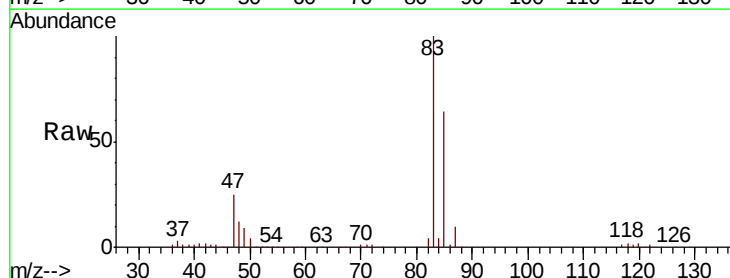
Acq: 23 May 2019 20:58

Tgt Ion: 83 Resp: 162029

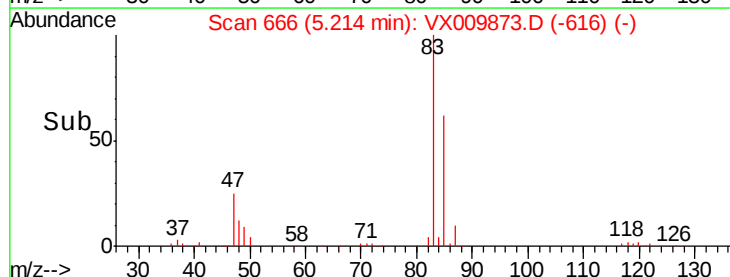
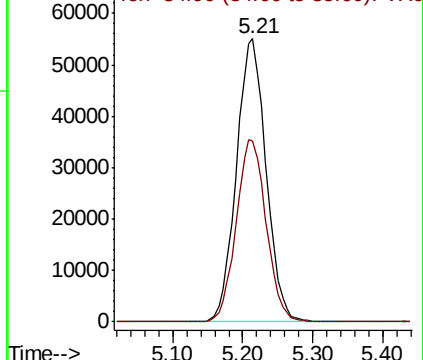
Ion Ratio Lower Upper

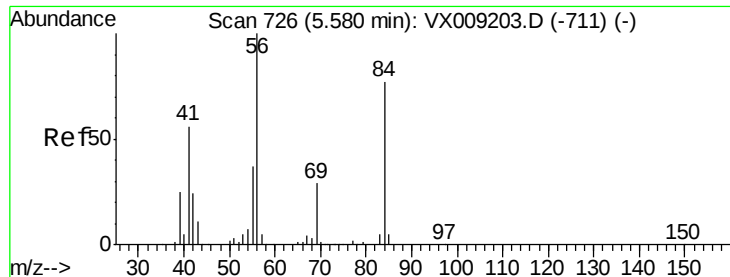
83 100

85 64.1 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

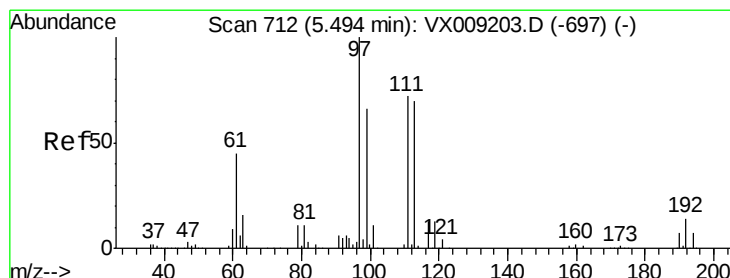
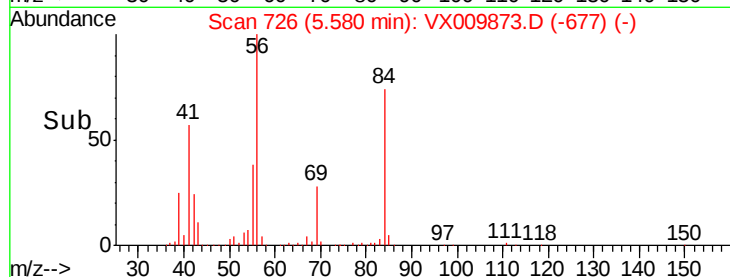
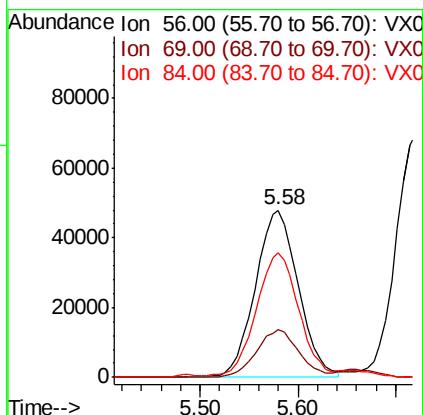
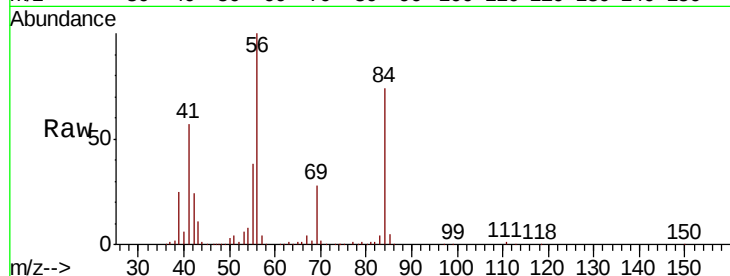




#31
Cyclohexane
Concen: 42.654 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

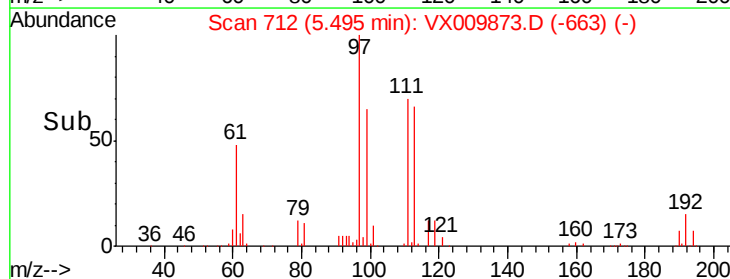
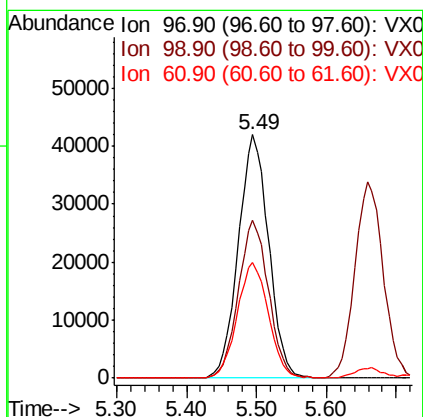
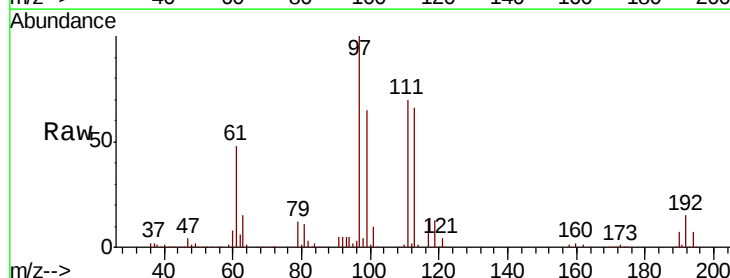
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 146774
Ion Ratio Lower Upper
56 100
69 28.2 23.4 35.0
84 72.5 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 45.348 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

Tgt Ion: 97 Resp: 126281
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.8
61 49.0 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 49.759 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

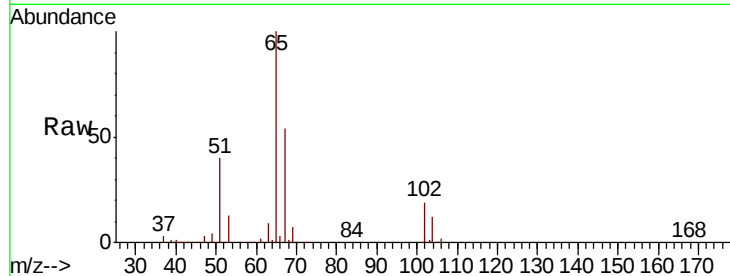
VSTDCCC050EC

Tot Ion: 65 Resp: 115814

Ion Ratio Lower Upper

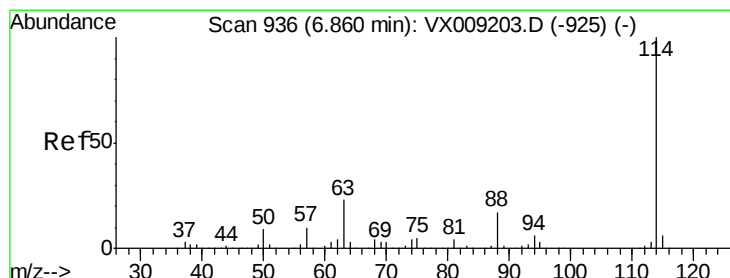
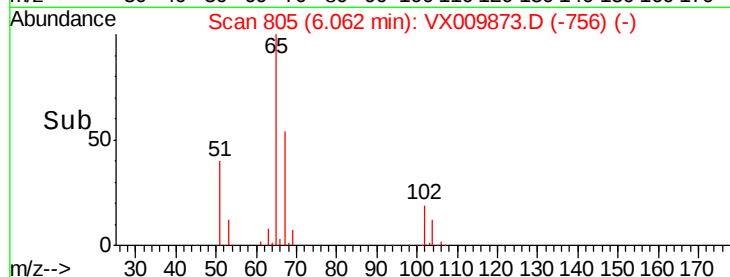
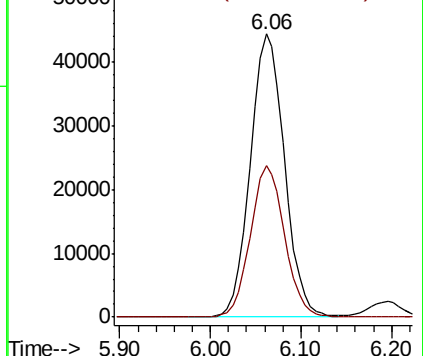
65 100

67 53.7 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

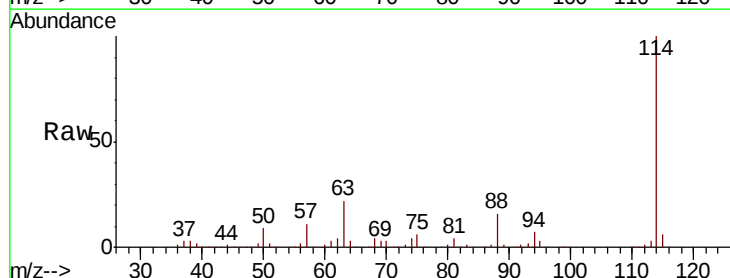
Tgt Ion: 114 Resp: 290257

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.6

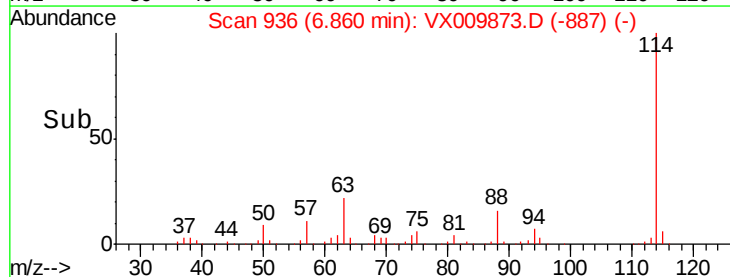
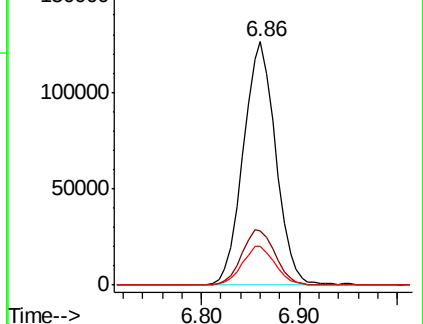
88 15.9 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

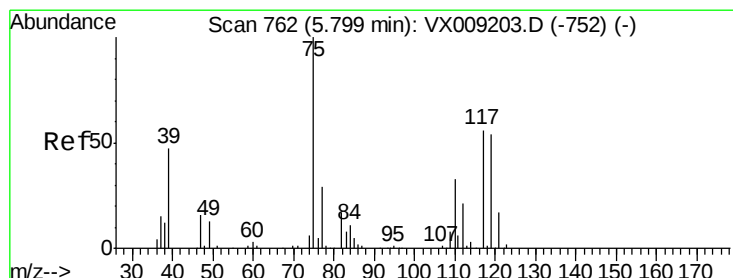
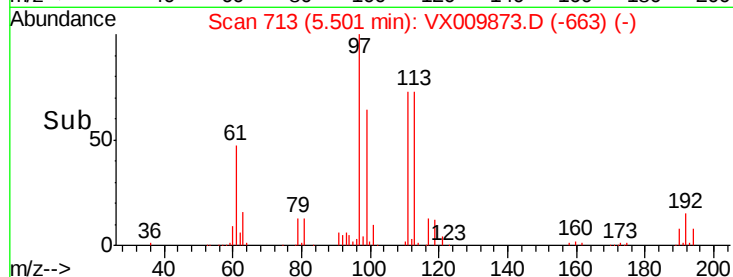
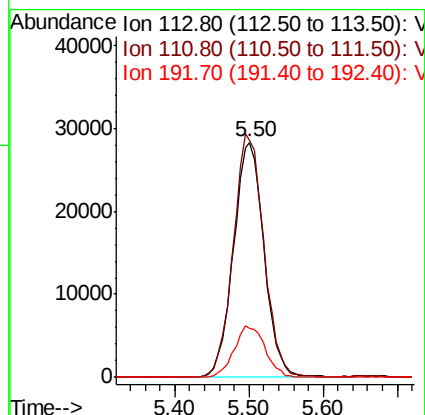
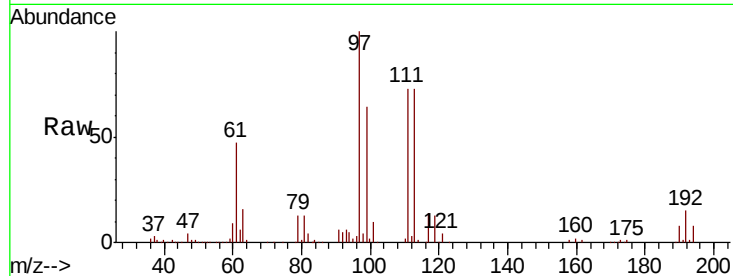




#35
 Dibromofluoromethane
 Concen: 44.643 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009873.D
 Acq: 23 May 2019 20:58

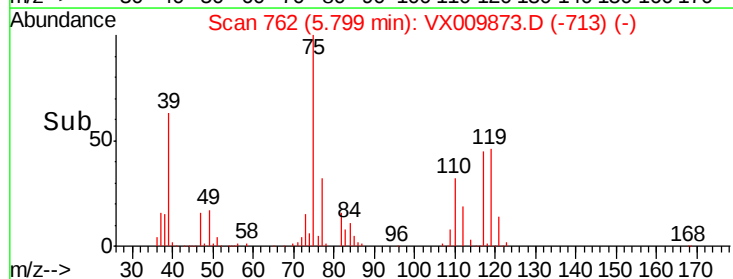
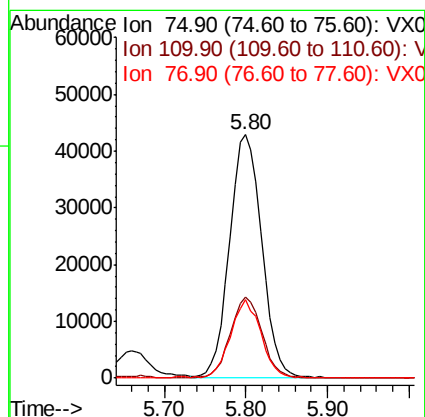
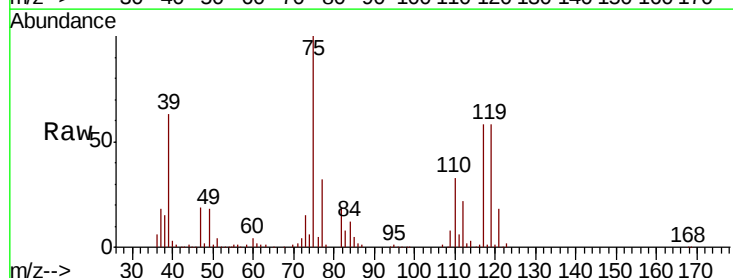
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

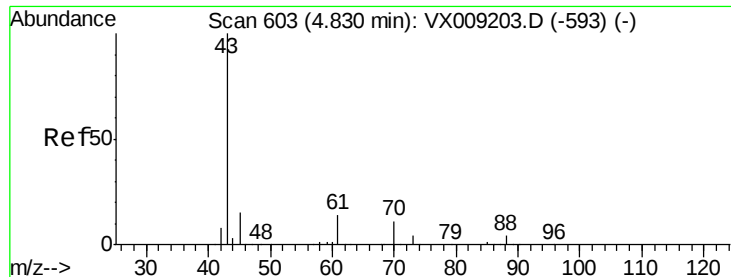
Tot Ion:113 Resp: 81458
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.8 124.2
 192 22.1 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 43.137 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX009873.D
 Acq: 23 May 2019 20:58

Tgt Ion: 75 Resp: 116358
 Ion Ratio Lower Upper
 75 100
 110 32.9 16.9 50.6
 77 30.8 24.8 37.2





#37

Ethyl Acetate

Concen: 50.555 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

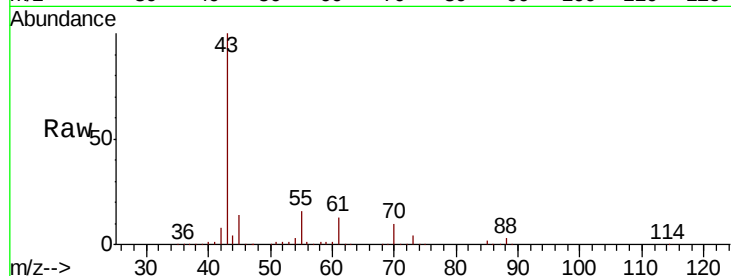
Tot Ion: 43 Resp: 190000

Ion Ratio Lower Upper

43 100

61 12.2 10.5 15.7

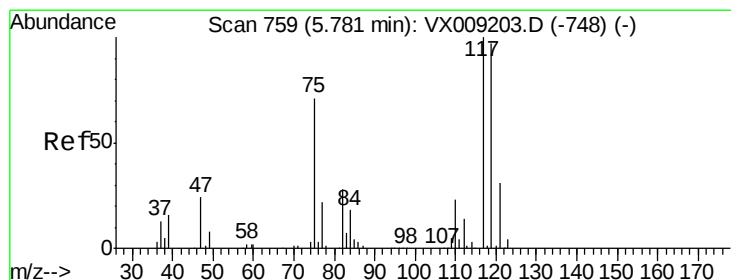
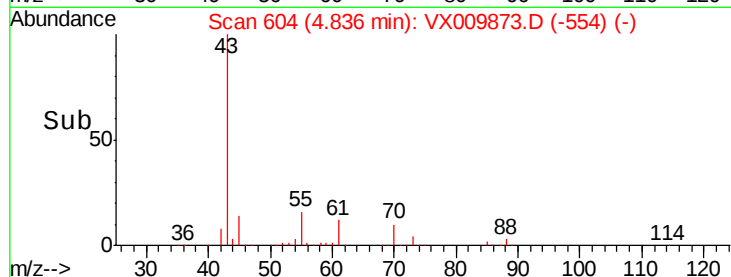
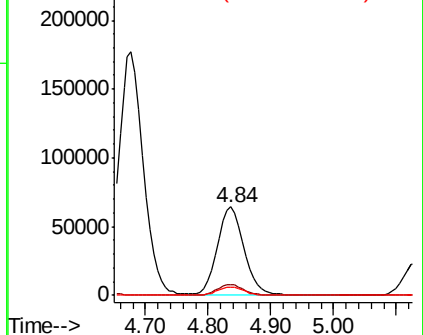
70 9.2 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 41.426 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

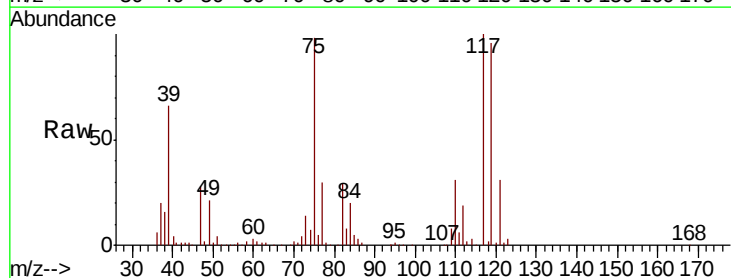
Tgt Ion: 117 Resp: 101525

Ion Ratio Lower Upper

117 100

119 95.6 77.5 116.3

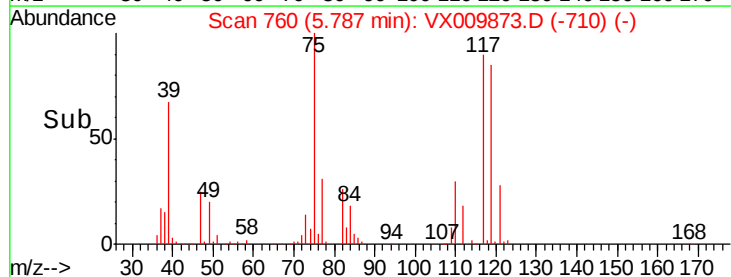
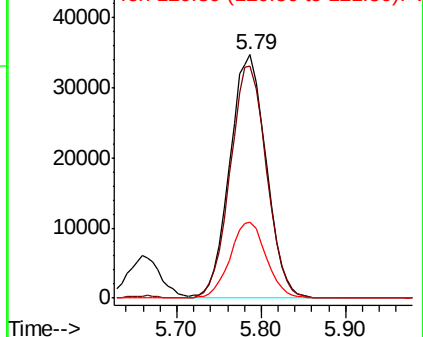
121 31.1 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

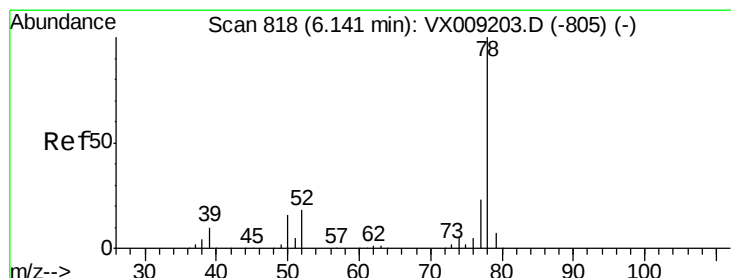
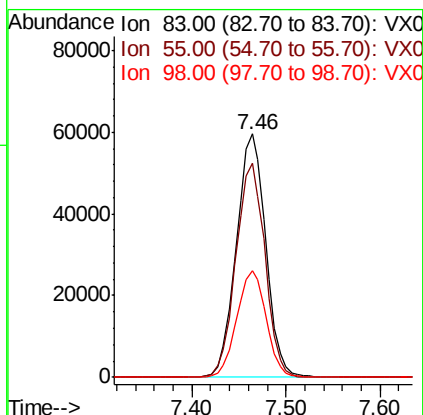
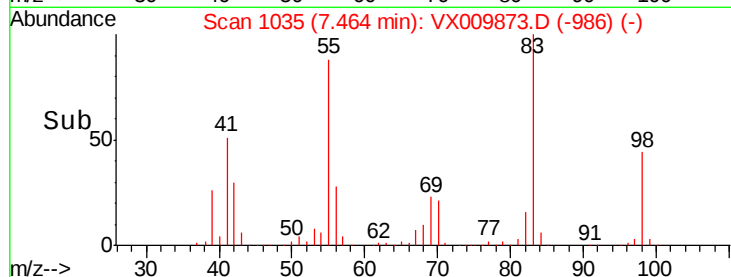
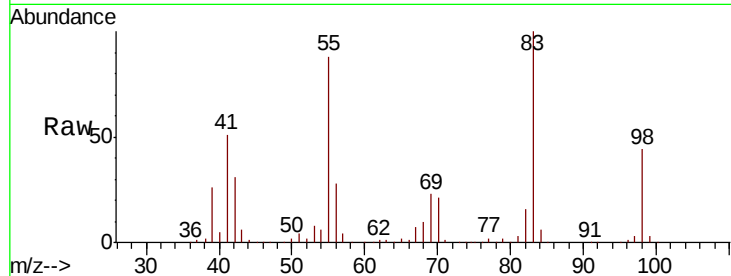




#39
Methvlcvclohexane
Concen: 39.093 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

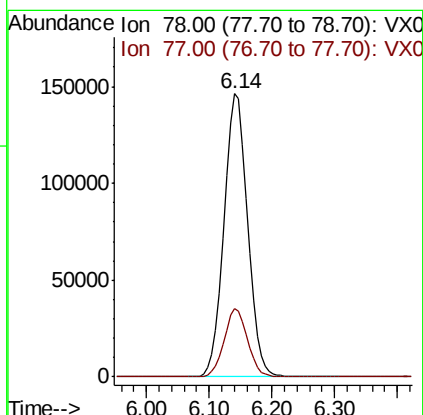
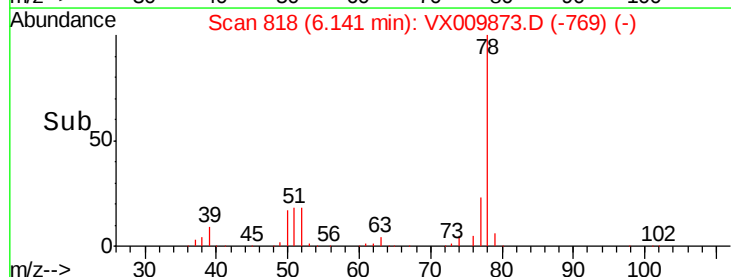
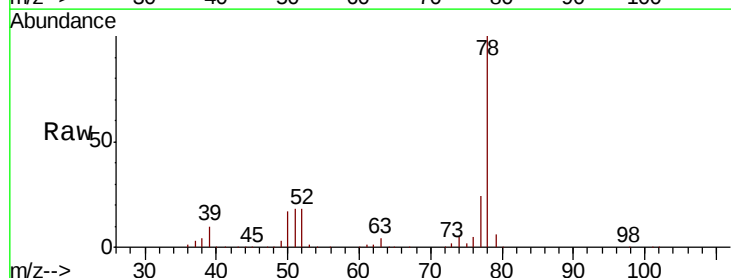
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 129500
Ion Ratio Lower Upper
83 100
55 88.0 67.7 101.5
98 44.0 35.5 53.3



#40
Benzene
Concen: 45.806 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

Tgt Ion: 78 Resp: 382392
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2

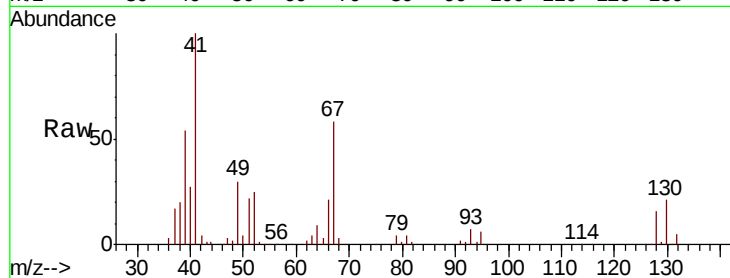




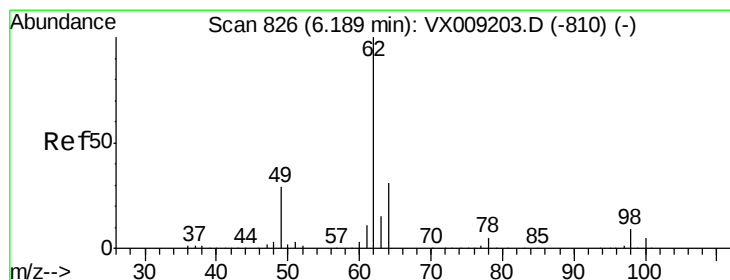
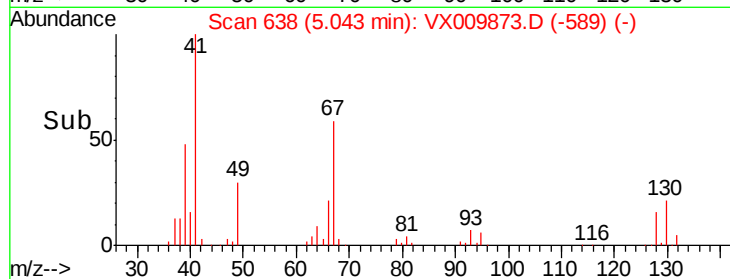
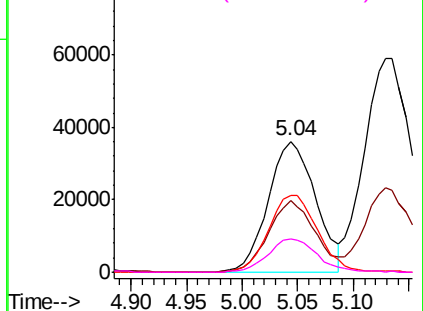
#41
Methacrylonitrile
Concen: 48.023 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	107437
Ion	Ratio	Lower	Upper
41	100		
39	53.1	42.0	63.0
67	61.1	49.8	74.8
52	26.1	20.3	30.5

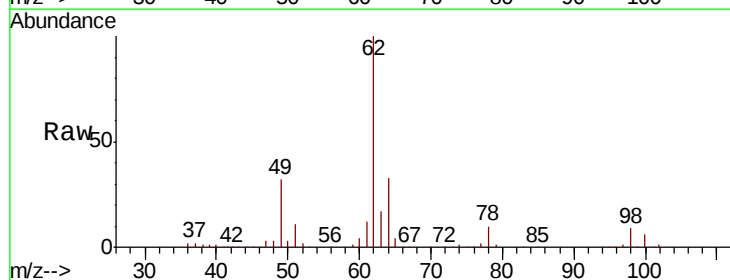


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

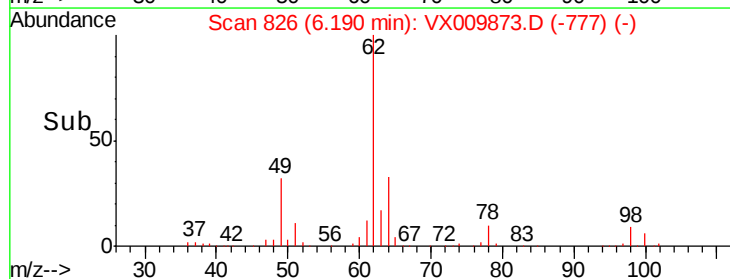
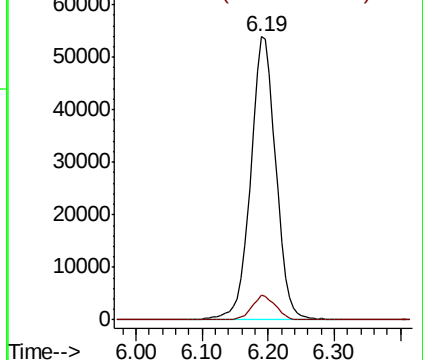


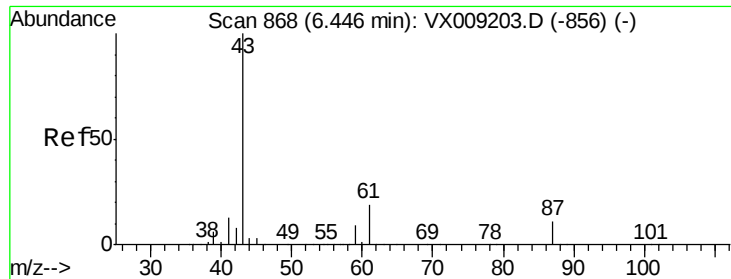
#42
1,2-Dichloroethane
Concen: 47.653 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

Tgt Ion:	62	Resp:	142700
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	18.2



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



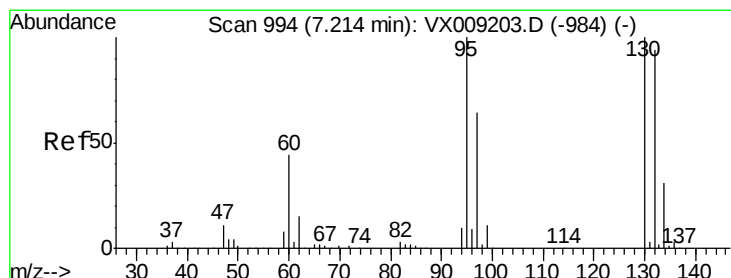
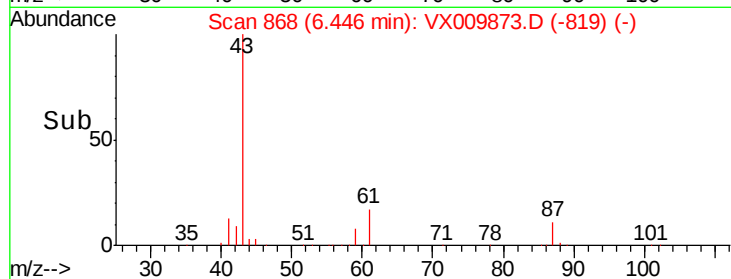
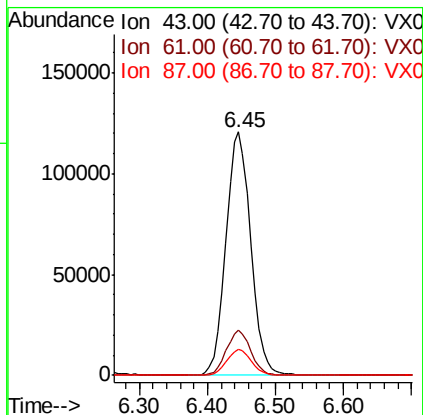
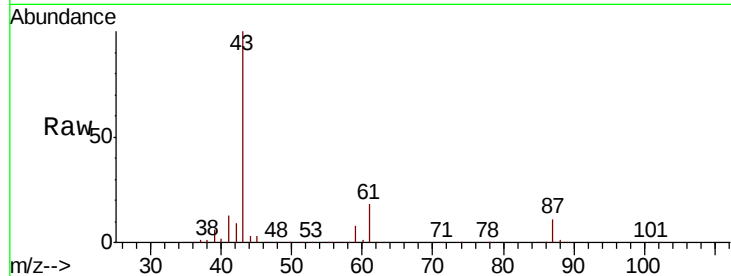


#43

Isopropyl Acetate
 Concen: 50.424 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX009873.D
 Acq: 23 May 2019 20:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

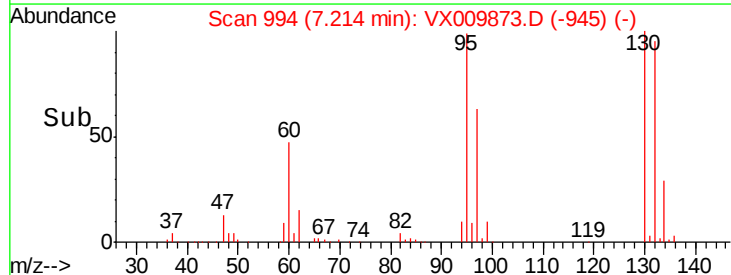
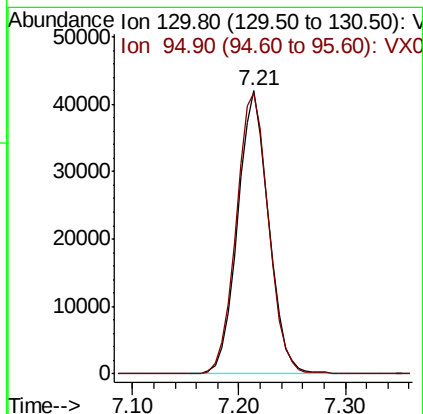
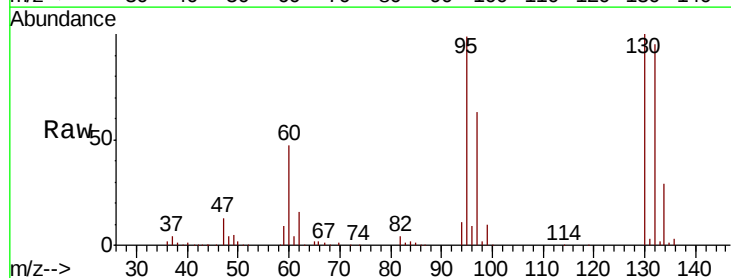
Tot Ion	43	Resp	303127
Ion Ratio	Lower	Upper	
43	100		
61	18.2	15.1	22.7
87	10.6	9.0	13.6

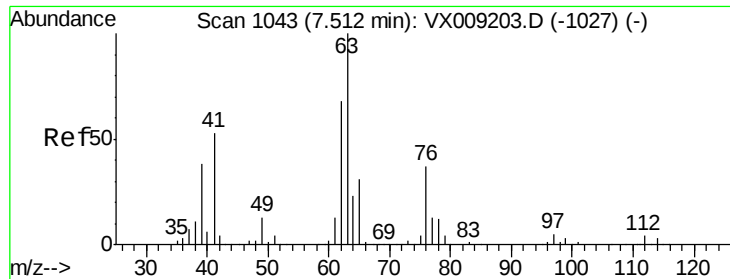


#44

Trichloroethene
 Concen: 42.668 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009873.D
 Acq: 23 May 2019 20:58

Tgt Ion	130	Resp	86109
Ion Ratio	Lower	Upper	
130	100		
95	99.1	0.0	199.2





#45

1,2-Dichloropropane

Concen: 46.457 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

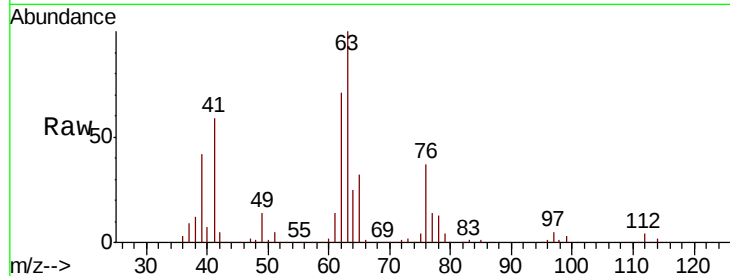
VSTDCCC050EC

Tot Ion: 63 Resp: 109816

Ion Ratio Lower Upper

63 100

65 32.0 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

60000

50000

40000

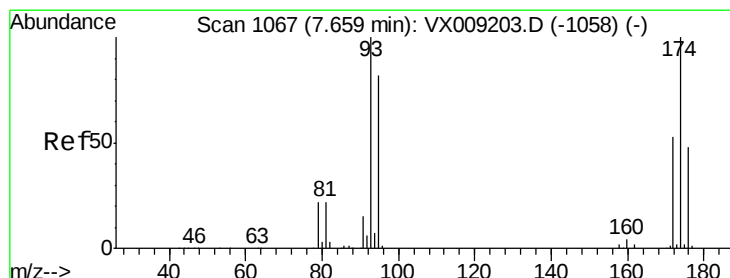
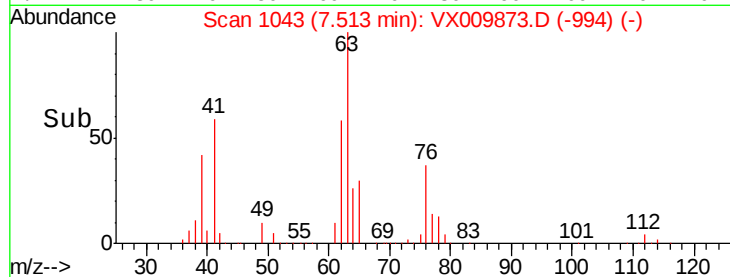
30000

20000

10000

0

Time-->



#46

Dibromomethane

Concen: 46.338 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

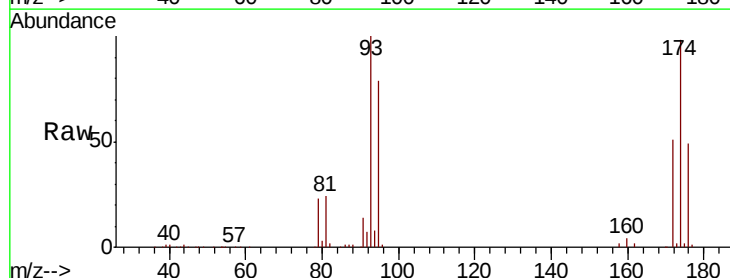
Tgt Ion: 93 Resp: 63607

Ion Ratio Lower Upper

93 100

95 81.8 66.5 99.7

174 101.8 82.1 123.1



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

40000

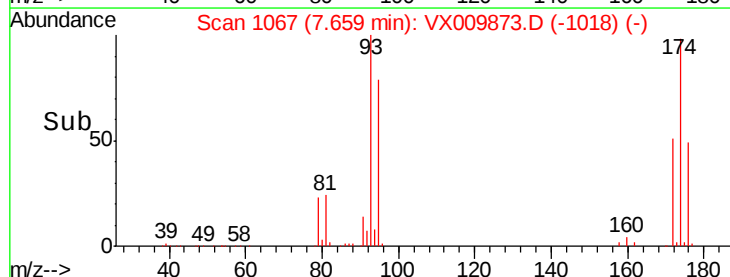
30000

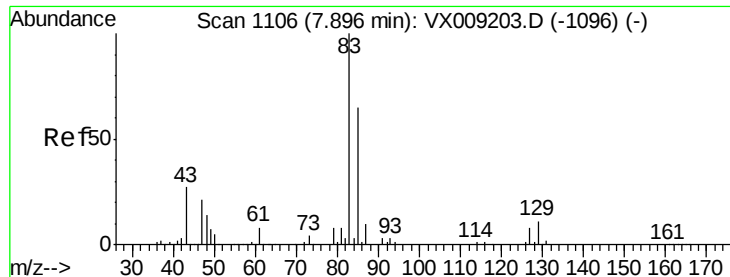
20000

10000

0

Time-->





#47

Bromodichloromethane

Concen: 46.414 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

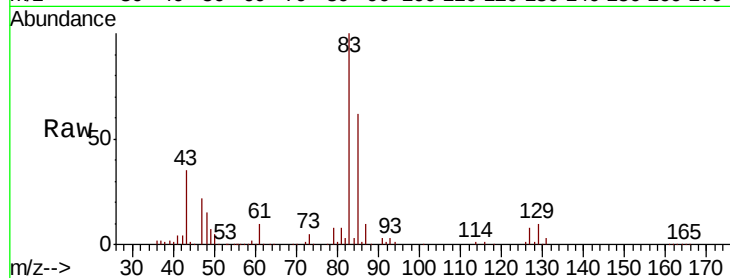
Tot Ion: 83 Resp: 127088

Ion Ratio Lower Upper

83 100

85 61.8 52.4 78.6

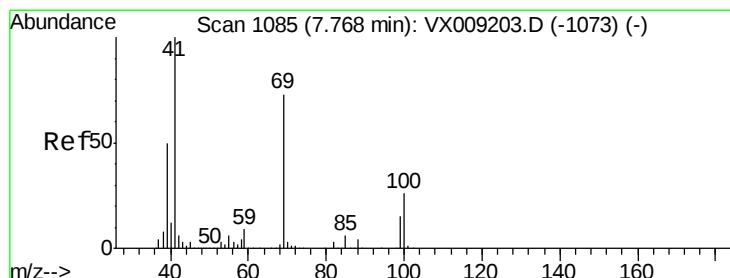
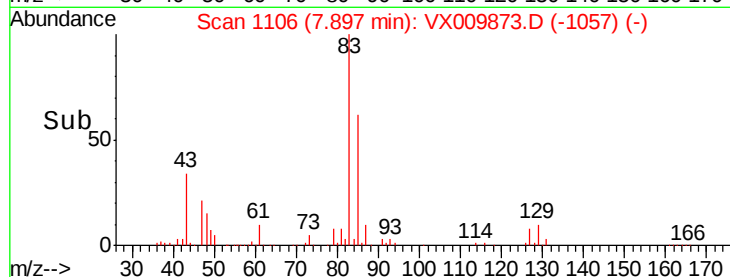
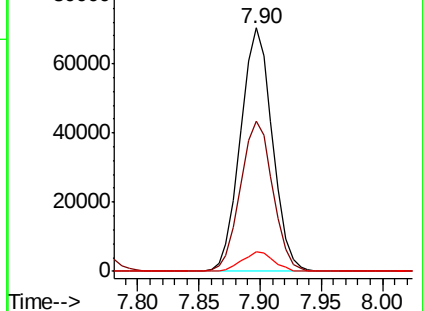
127 8.0 6.6 10.0



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: 51.543 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

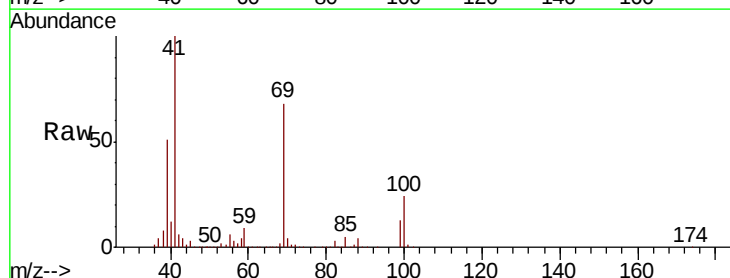
Tgt Ion: 41 Resp: 153726

Ion Ratio Lower Upper

41 100

69 70.1 59.1 88.7

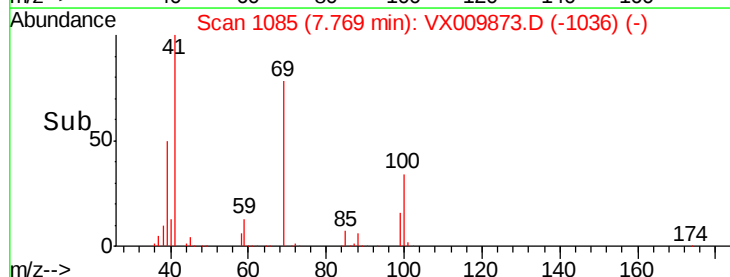
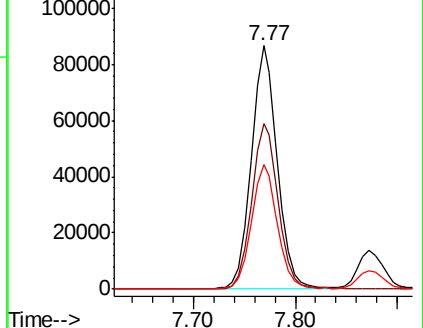
39 51.1 40.4 60.6

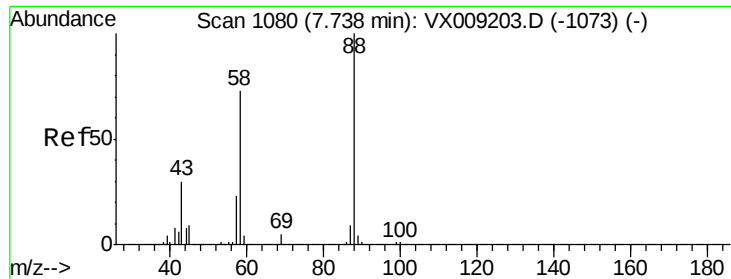


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

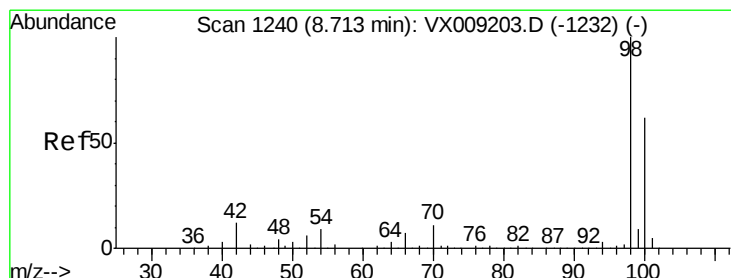
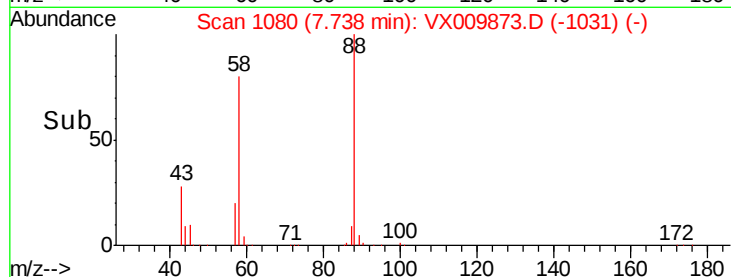
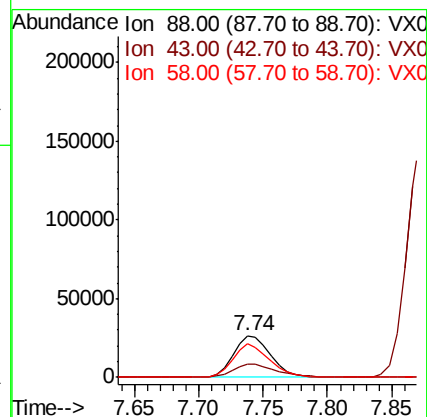
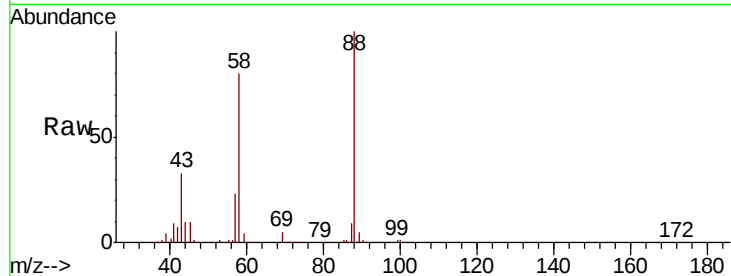




#49
1,4-Dioxane
Concen: 868.639 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

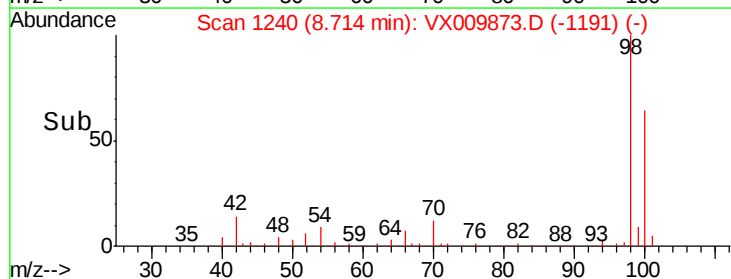
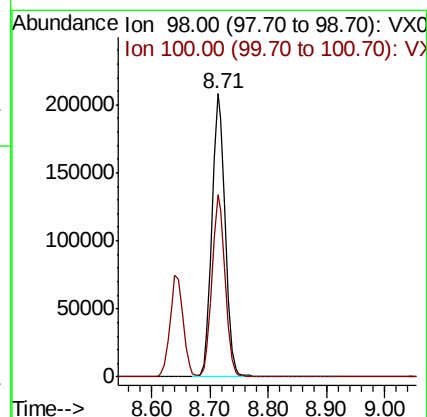
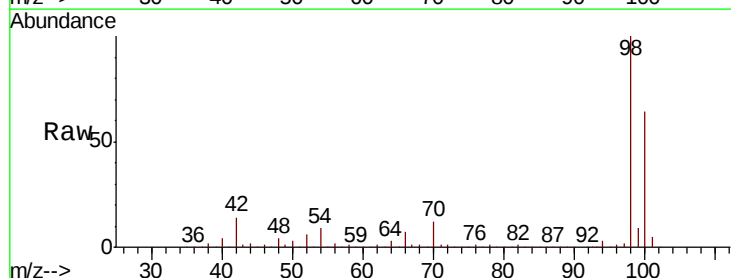
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

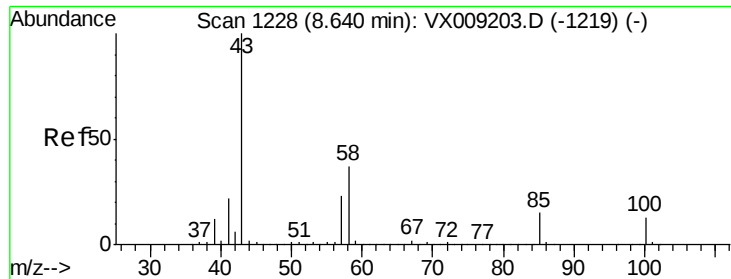
Tot Ion: 88 Resp: 52539
Ion Ratio Lower Upper
88 100
43 37.7 28.6 42.8
58 79.9 61.7 92.5



#50
Toluene-d8
Concen: 45.002 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

Tgt Ion: 98 Resp: 331514
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 253.237 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

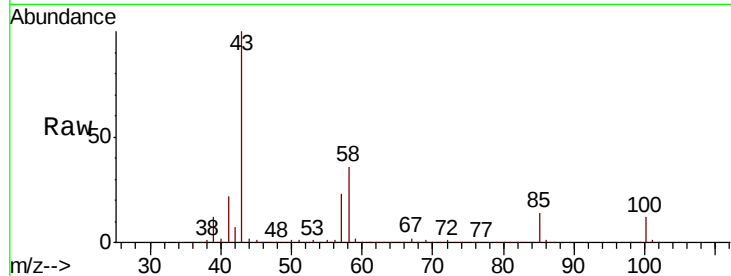
VSTDCCC050EC

Tot Ion: 43 Resp: 995040

Ion Ratio Lower Upper

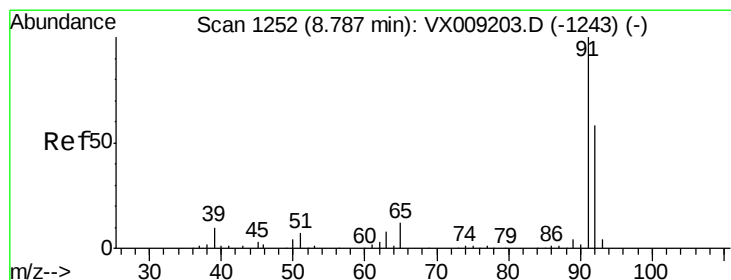
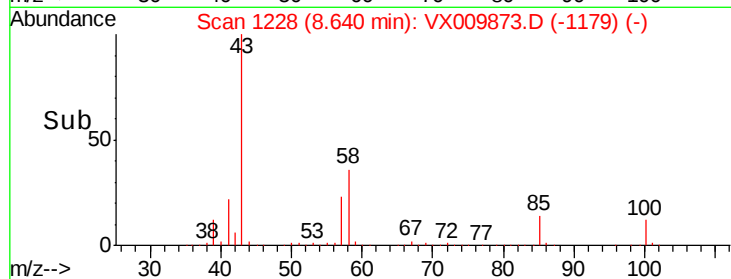
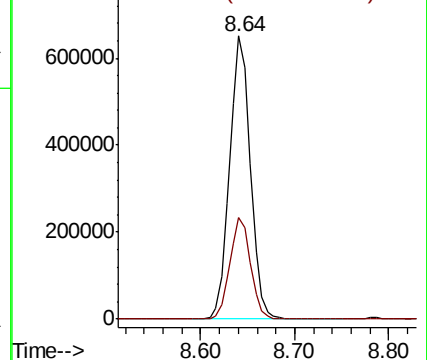
43 100

58 35.7 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 45.402 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009873.D

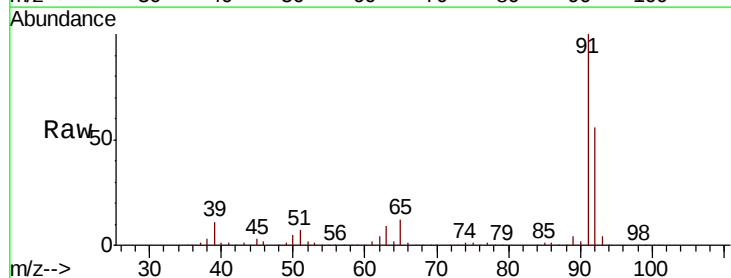
Acq: 23 May 2019 20:58

Tgt Ion: 92 Resp: 230395

Ion Ratio Lower Upper

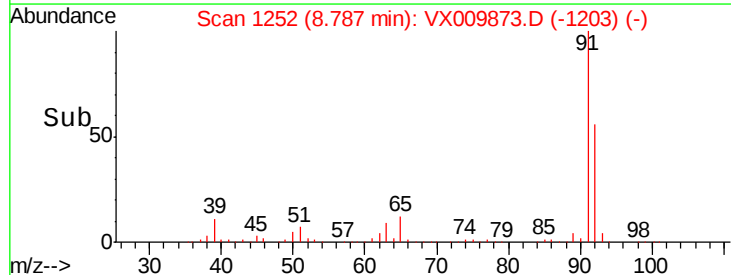
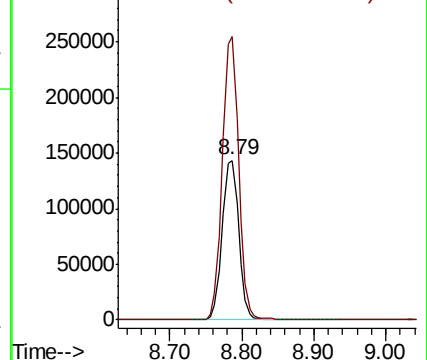
92 100

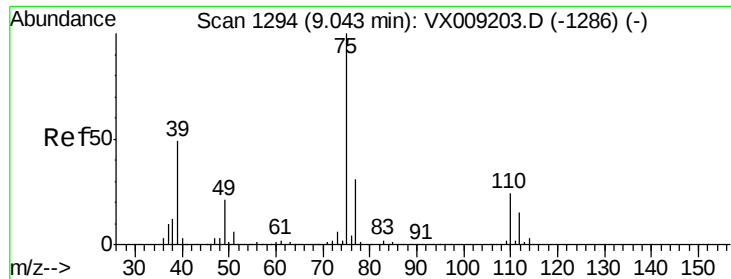
91 174.6 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

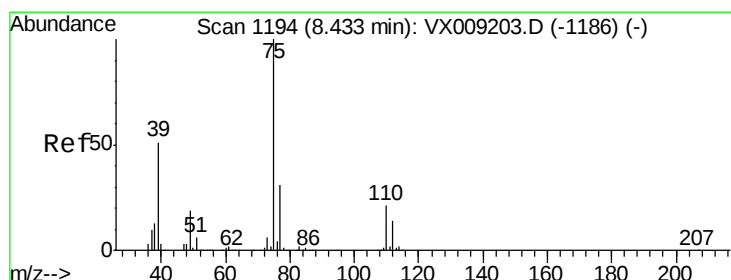
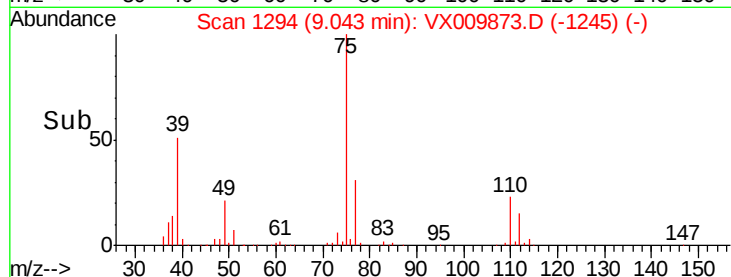
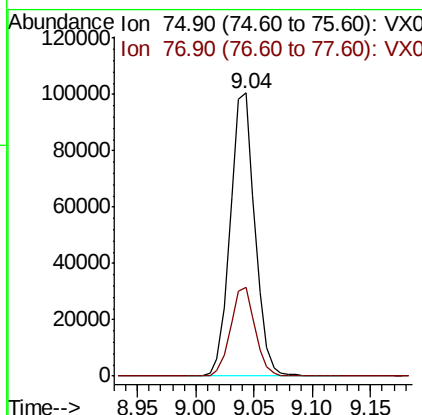
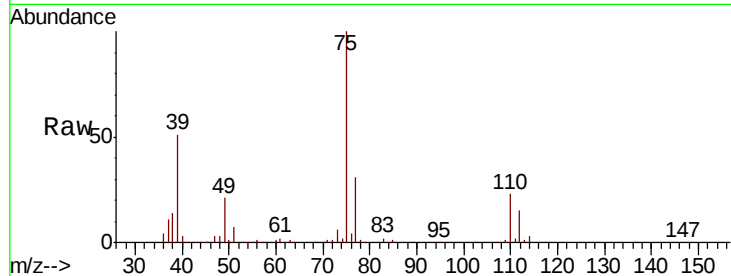




#53
t-1,3-Dichloropropene
Concen: 47.851 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

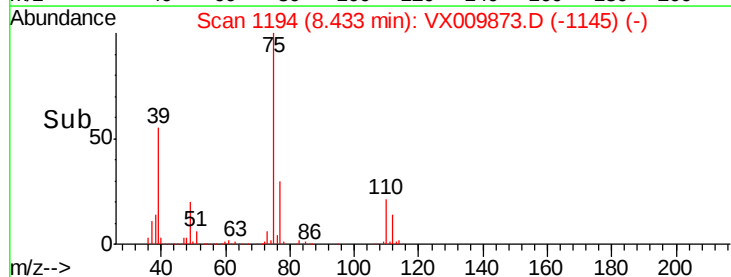
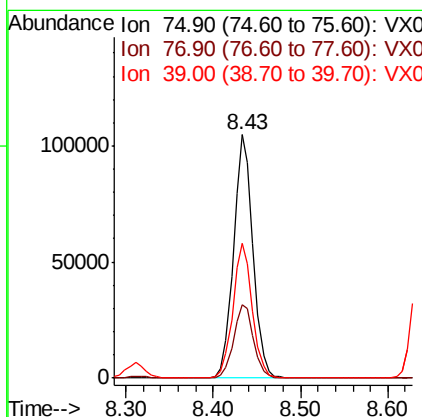
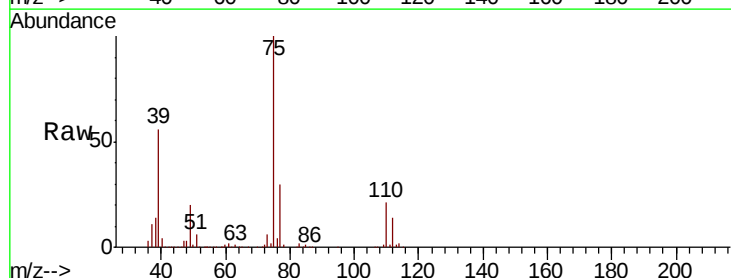
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

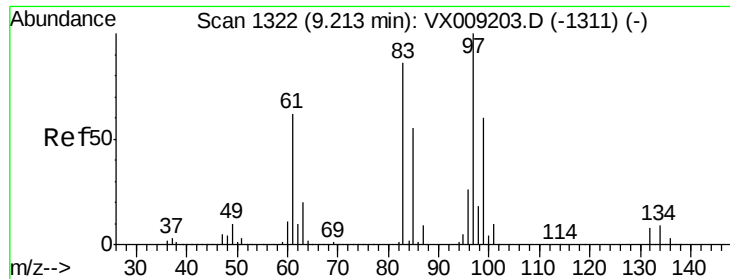
Tot Ion: 75 Resp: 147927
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 47.467 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

Tgt Ion: 75 Resp: 162418
Ion Ratio Lower Upper
75 100
77 30.2 24.6 36.8
39 55.4 40.6 60.8

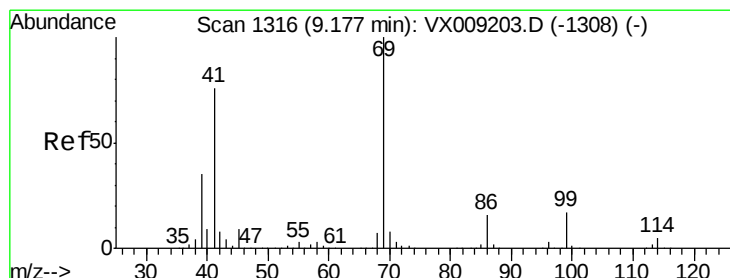
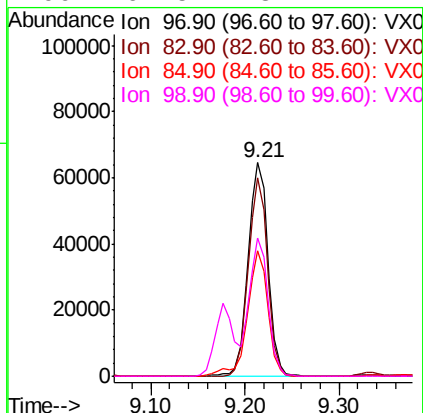
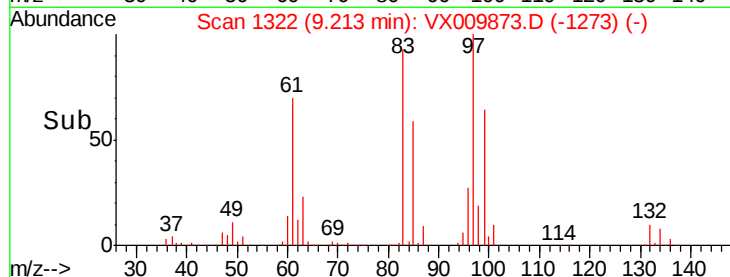
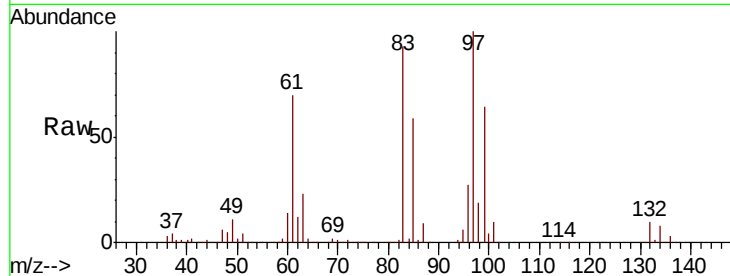




#55
 1,1,2-Trichloroethane
 Concen: 46.192 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009873.D
 Acq: 23 May 2019 20:58

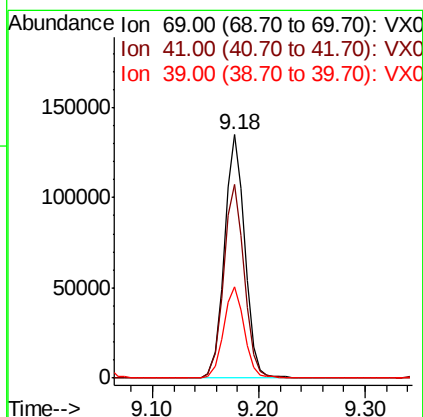
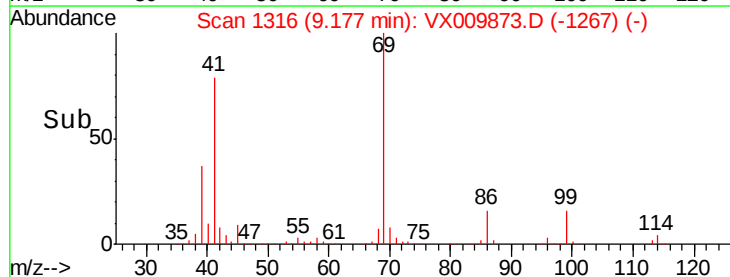
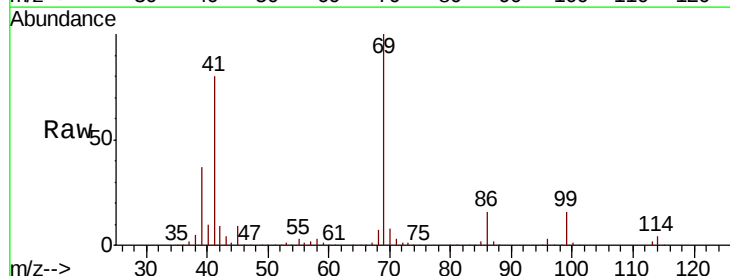
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

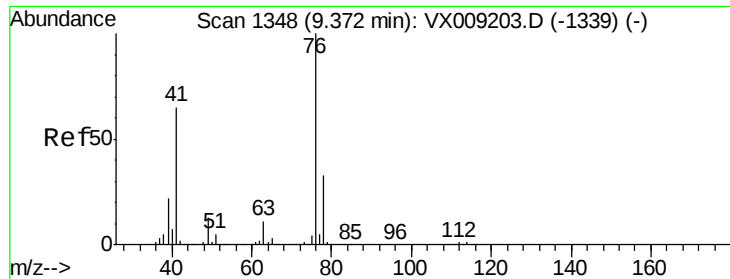
Tot Ion:	97	Resp:	95630
Ion	Ratio	Lower	Upper
97	100		
83	93.0	68.9	103.3
85	58.8	43.8	65.6
99	64.5	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 49.048 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009873.D
 Acq: 23 May 2019 20:58

Tgt Ion:	69	Resp:	181259
Ion	Ratio	Lower	Upper
69	100		
41	80.1	60.6	90.8
39	37.7	28.2	42.4





#57

1,3-Dichloropropane

Concen: 46.882 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

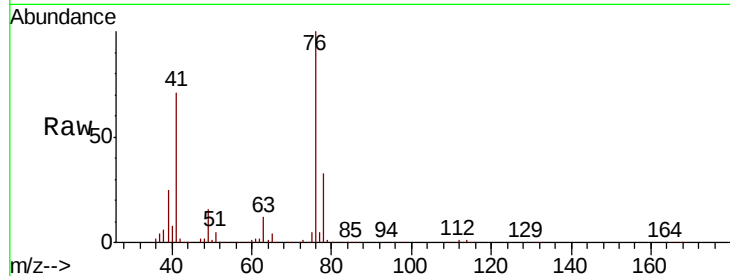
VSTDCCC050EC

Tot Ion: 76 Resp: 170796

Ion Ratio Lower Upper

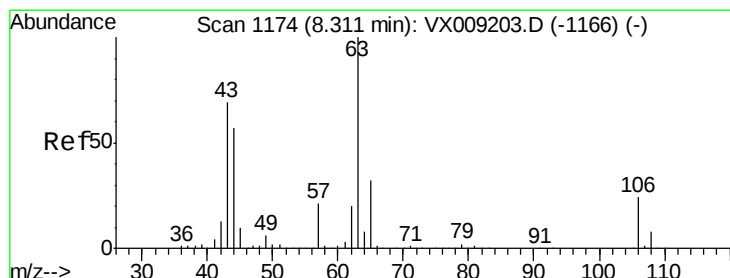
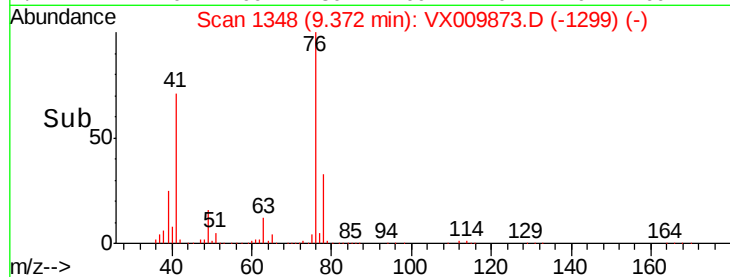
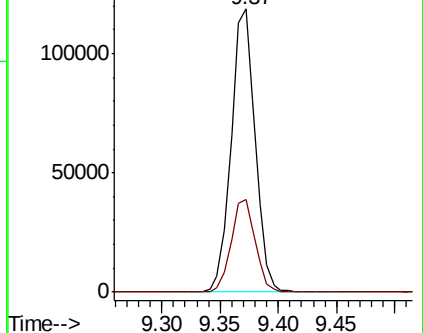
76 100

78 32.8 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 232.668 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009873.D

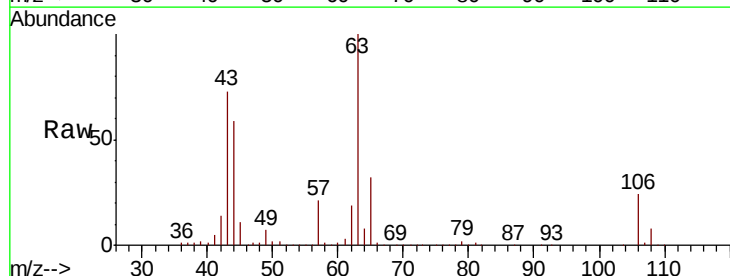
Acq: 23 May 2019 20:58

Tgt Ion: 63 Resp: 456137

Ion Ratio Lower Upper

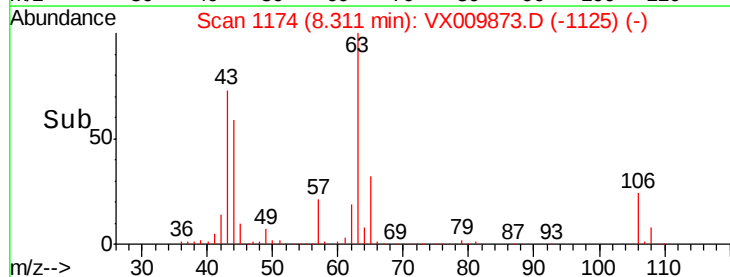
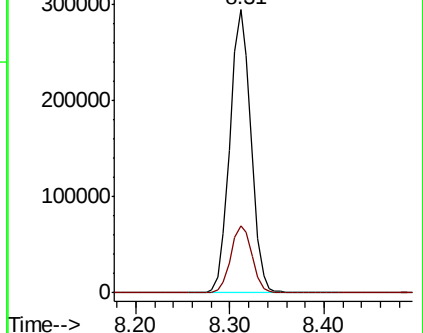
63 100

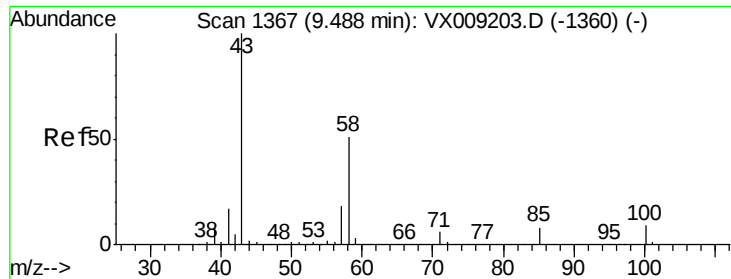
106 24.1 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

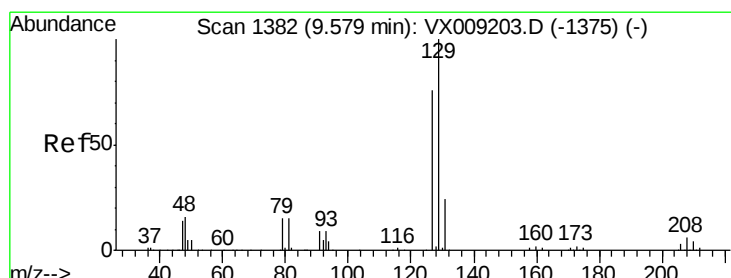
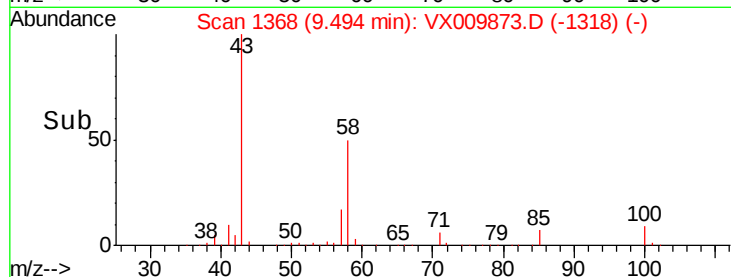
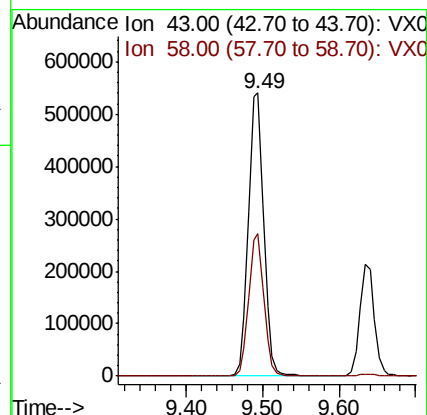
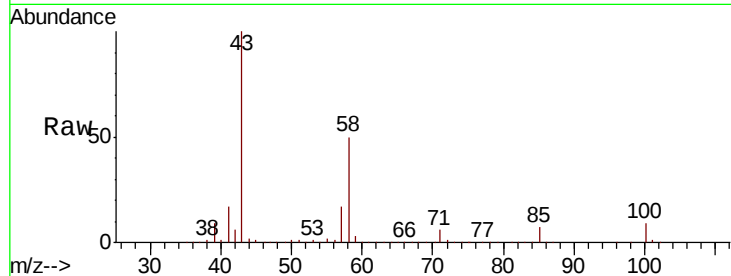




#59
2-Hexanone
Concen: 243.284 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

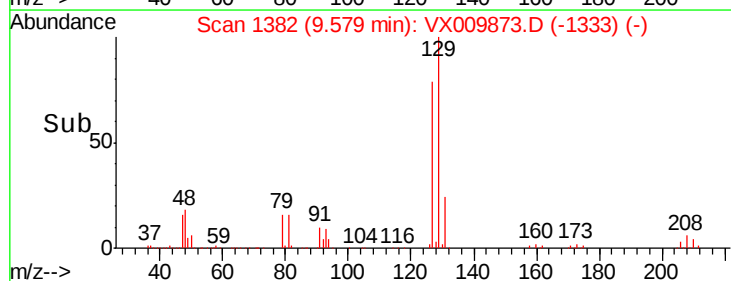
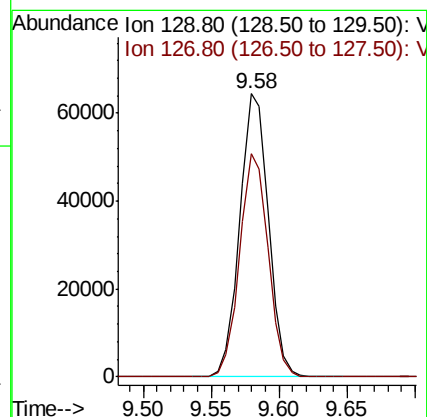
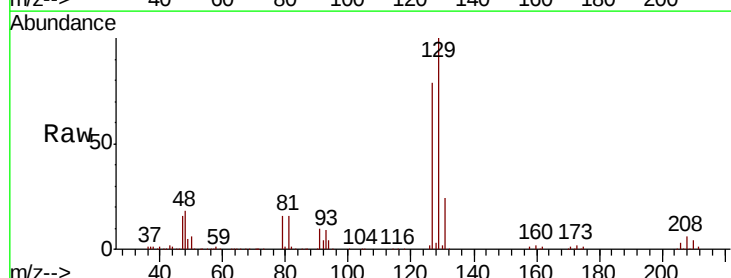
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

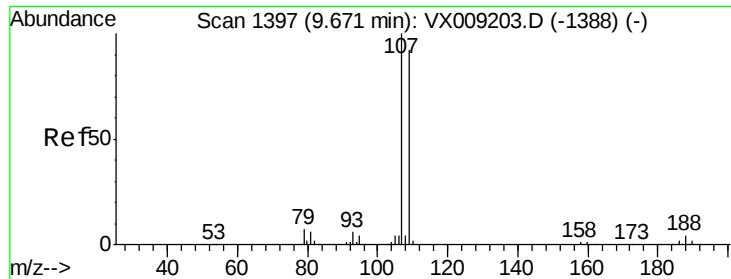
Tot Ion: 43 Resp: 750778
Ion Ratio Lower Upper
43 100
58 49.7 25.9 77.7



#60
Dibromochloromethane
Concen: 46.845 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

Tgt Ion: 129 Resp: 94720
Ion Ratio Lower Upper
129 100
127 78.2 38.4 115.1





#61

1,2-Dibromoethane

Concen: 47.320 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

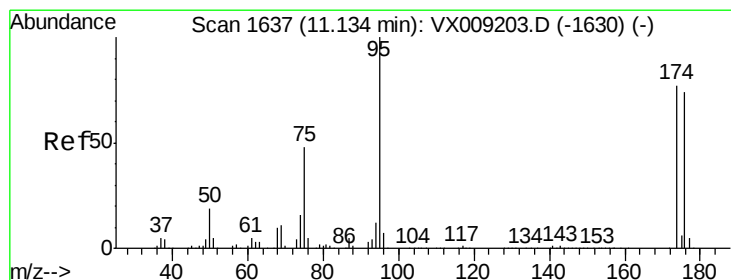
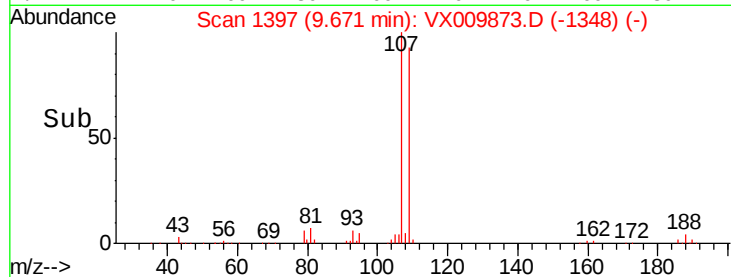
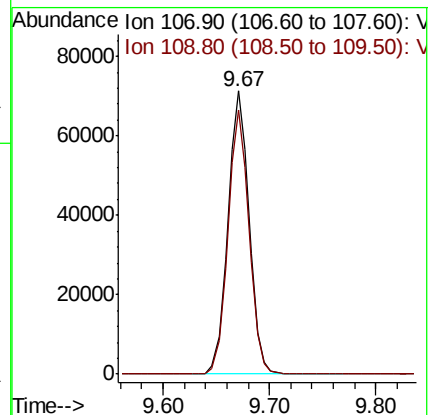
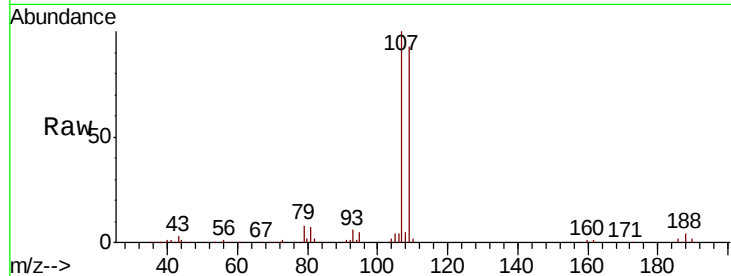
VSTDCCC050EC

Tot Ion: 107 Resp: 98889

Ion Ratio Lower Upper

107 100

109 93.0 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 45.834 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

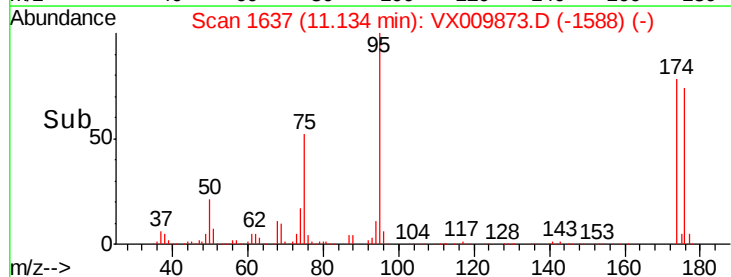
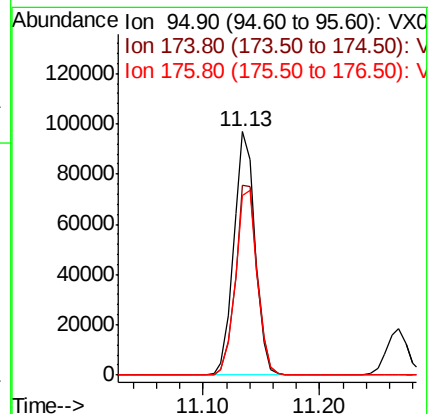
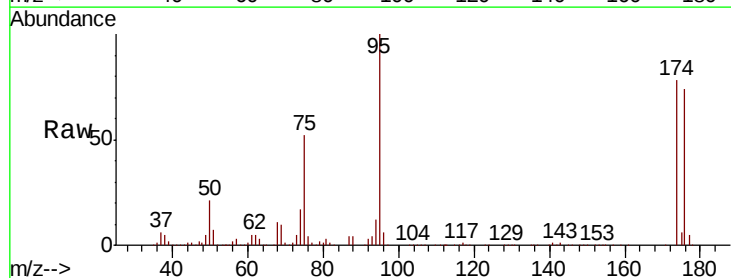
Tgt Ion: 95 Resp: 122686

Ion Ratio Lower Upper

95 100

174 80.0 0.0 161.6

176 77.4 0.0 159.2

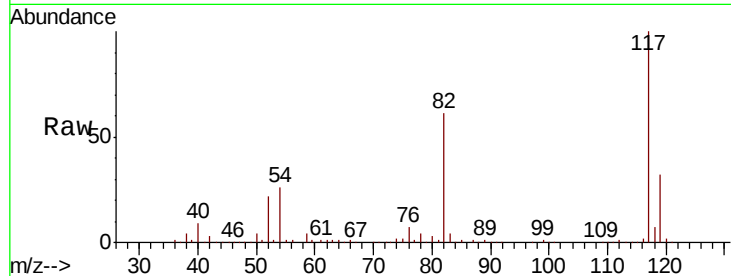




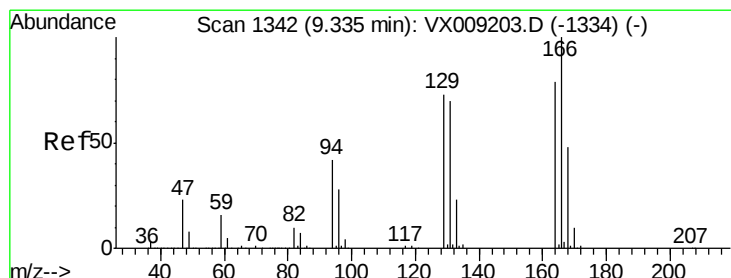
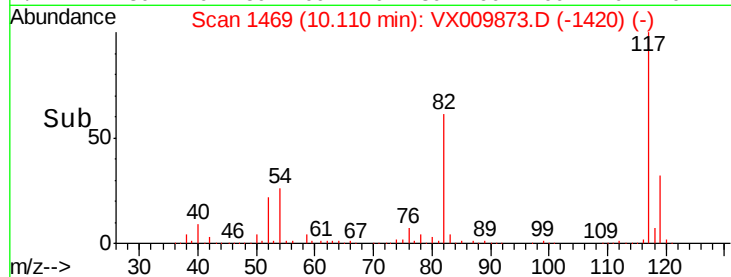
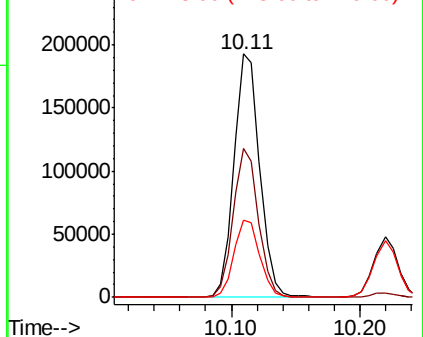
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 268417
Ion Ratio Lower Upper
117 100
82 61.2 48.8 73.2
119 31.8 25.8 38.6

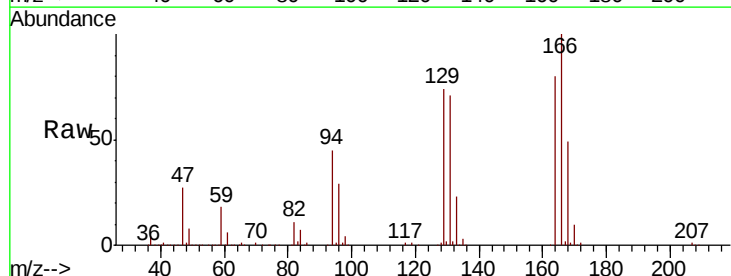


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

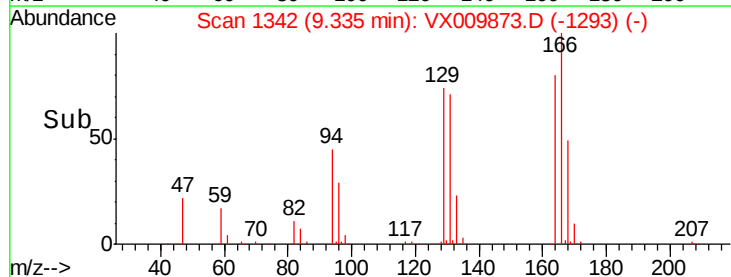
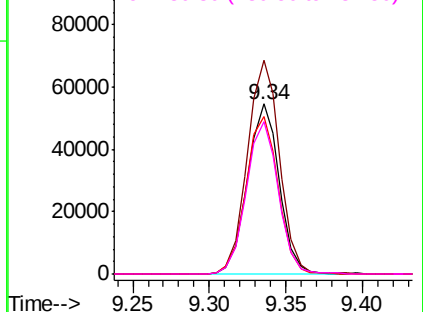


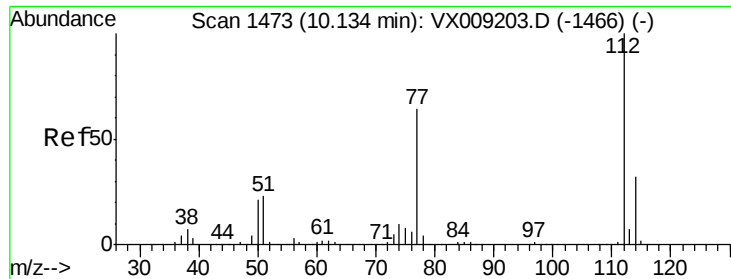
#64
Tetrachloroethene
Concen: 42.781 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

Tgt Ion:164 Resp: 78770
Ion Ratio Lower Upper
164 100
166 125.6 101.2 151.8
129 92.9 74.3 111.5
131 89.6 71.0 106.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

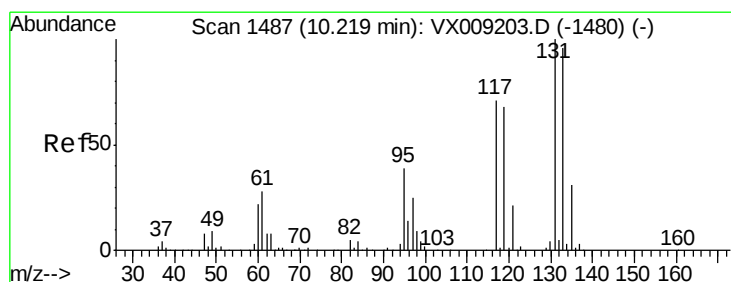
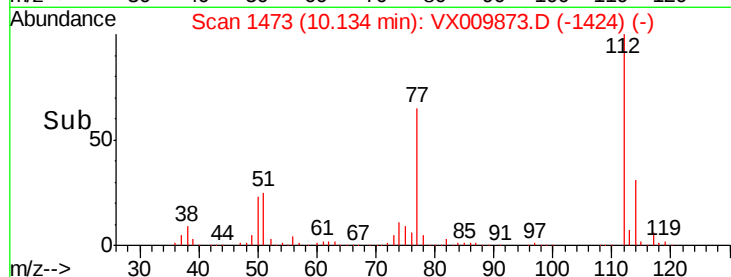
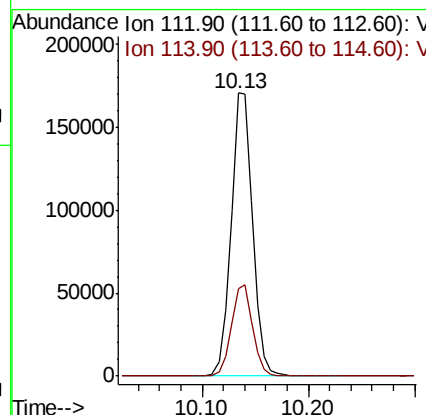
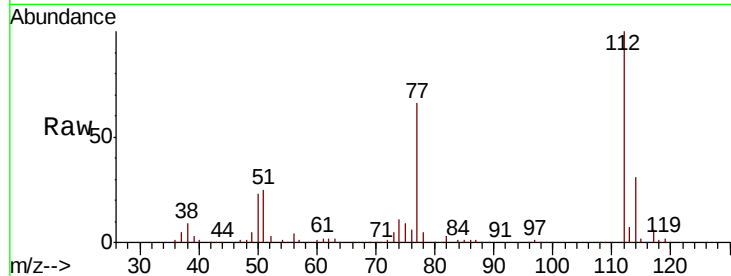




#65
Chlorobenzene
Concen: 44.939 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

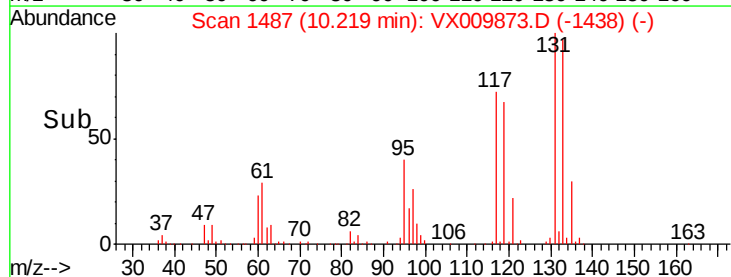
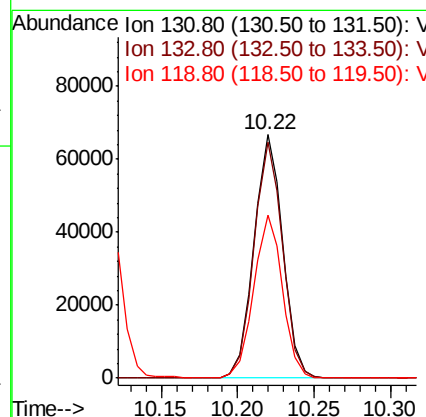
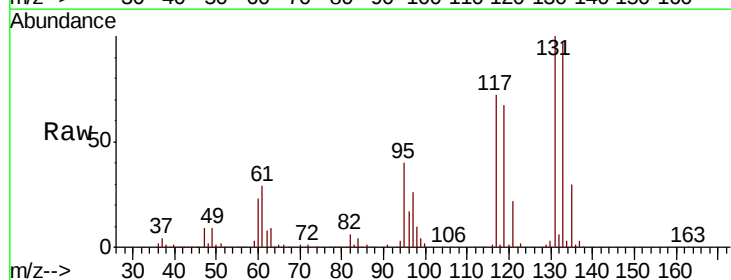
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

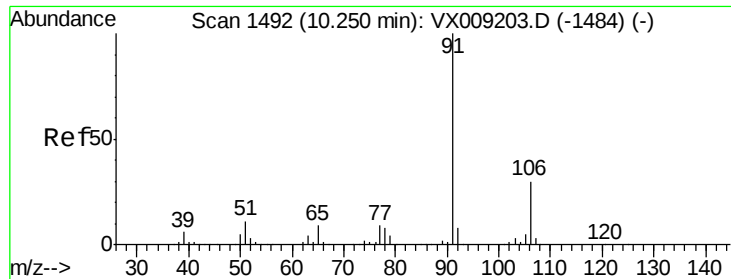
Tot Ion:112 Resp: 241301
Ion Ratio Lower Upper
112 100
114 30.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 44.736 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

Tgt Ion:131 Resp: 87086
Ion Ratio Lower Upper
131 100
133 96.5 47.7 143.1
119 67.1 33.5 100.4

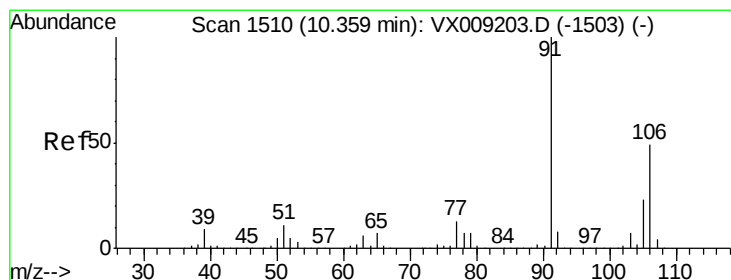
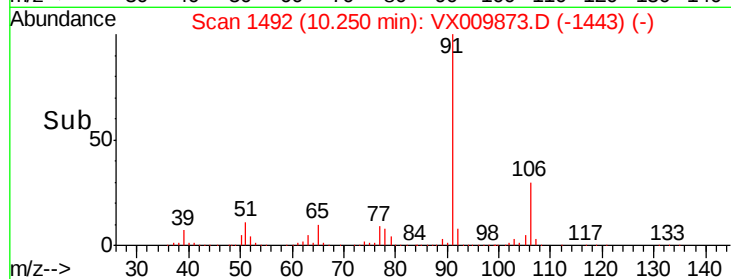
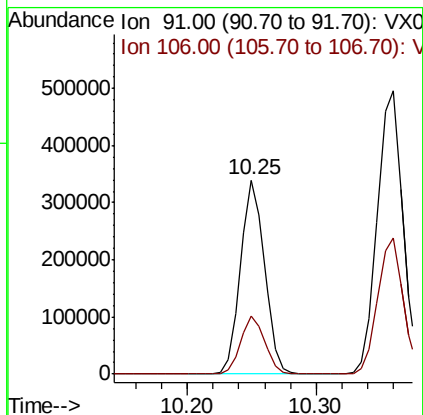
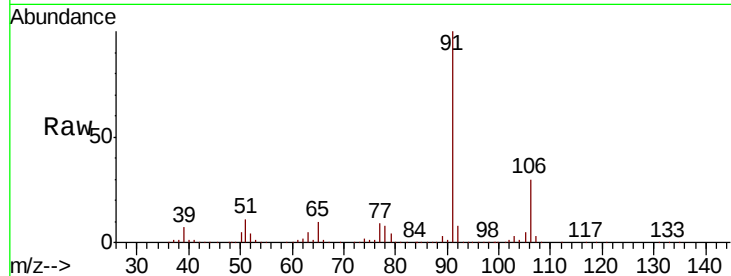




#67
Ethyl Benzene
Concen: 44.757 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

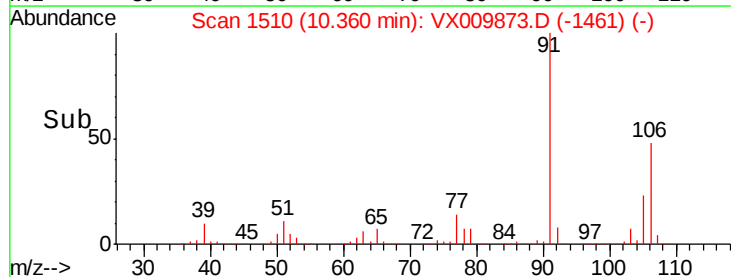
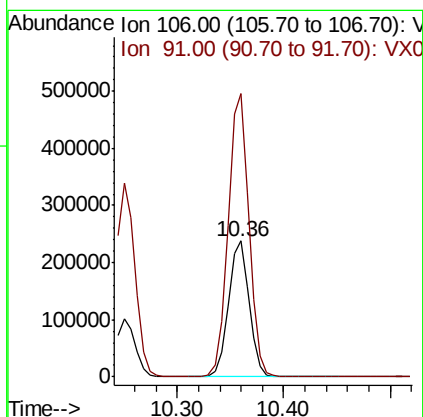
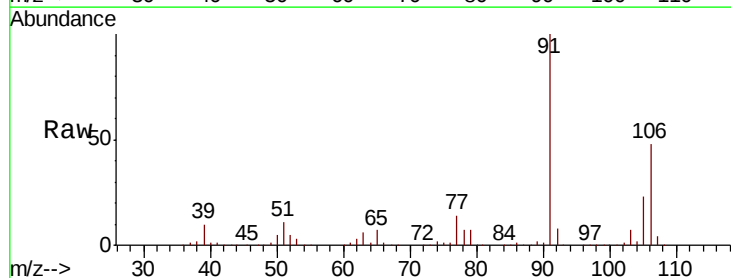
Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

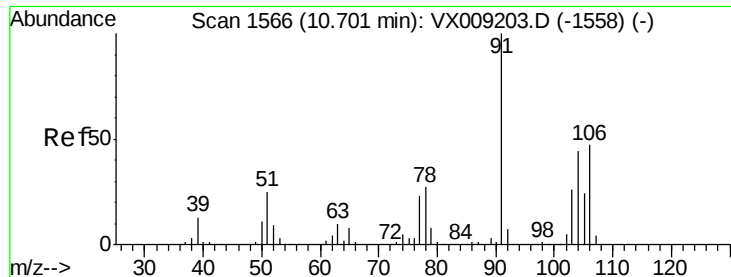
Tot Ion: 91 Resp: 442288
Ion Ratio Lower Upper
91 100
106 29.7 24.0 36.0



#68
m/p-Xylenes
Concen: 89.479 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

Tgt Ion: 106 Resp: 323127
Ion Ratio Lower Upper
106 100
91 209.4 164.0 246.0

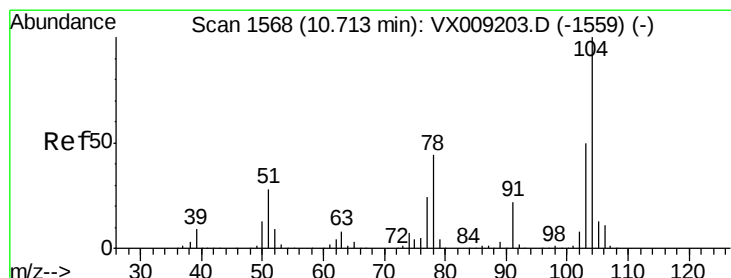
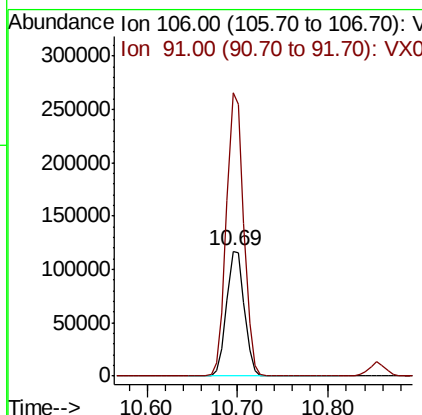
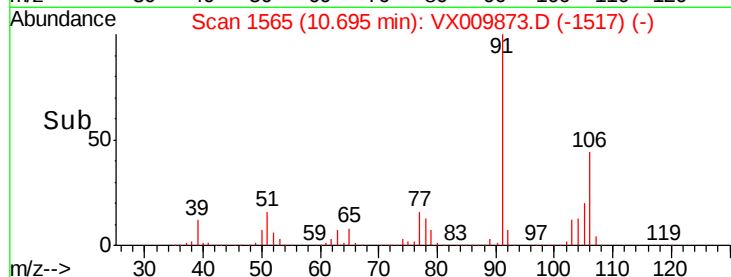
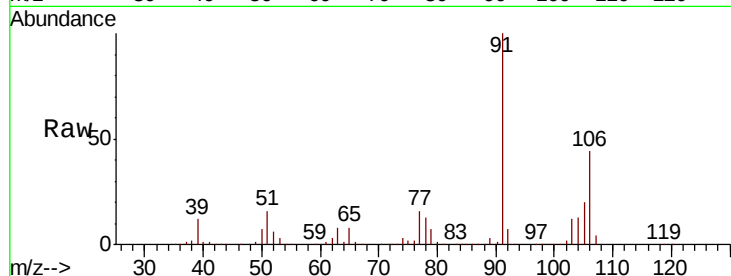




#69
o-Xylene
Concen: 44.828 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

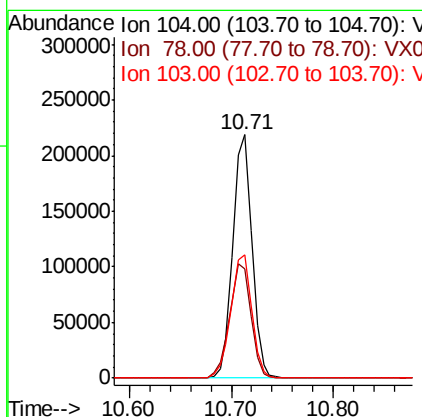
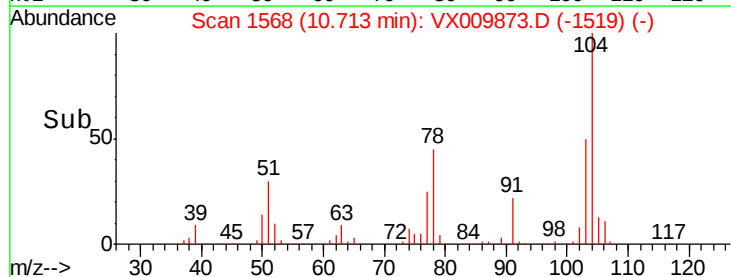
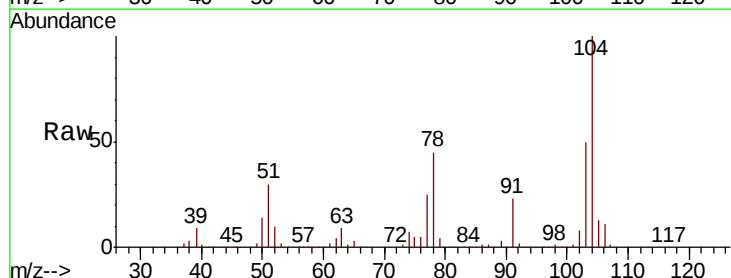
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

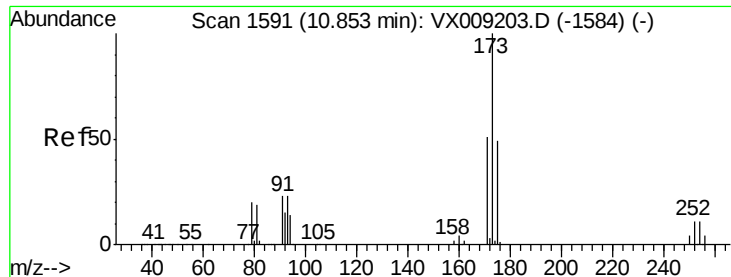
Tot Ion:106 Resp: 159722
Ion Ratio Lower Upper
106 100
91 221.3 109.5 328.4



#70
Styrene
Concen: 45.729 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

Tgt Ion:104 Resp: 283187
Ion Ratio Lower Upper
104 100
78 52.5 41.0 61.4
103 55.3 43.8 65.6





#71

Bromoform

Concen: 46.011 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

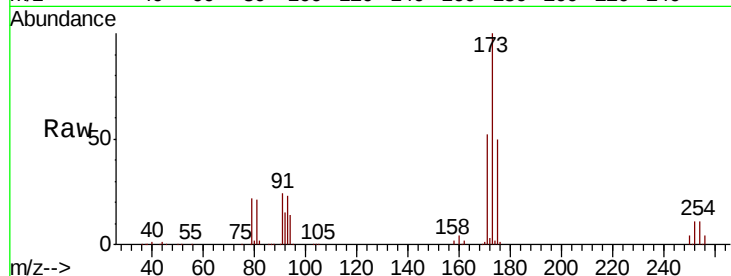
Tot Ion:173 Resp: 72788

Ion Ratio Lower Upper

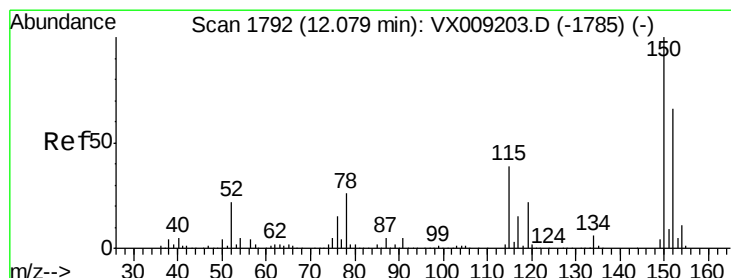
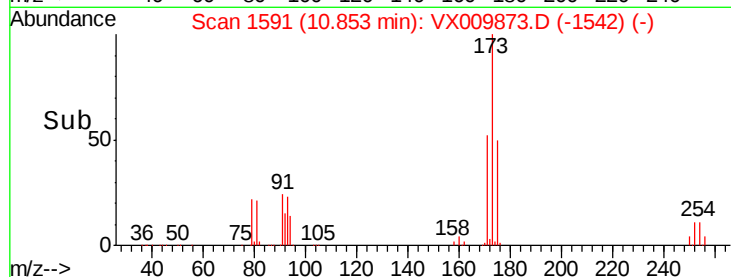
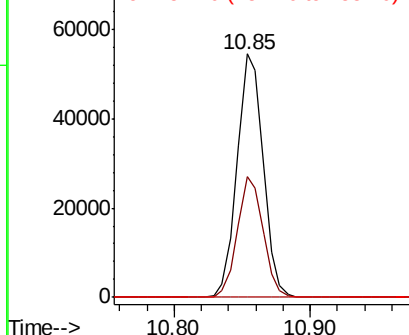
173 100

175 48.9 24.5 73.5

254 0.3 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: VX009873.D

Acq: 23 May 2019 20:58

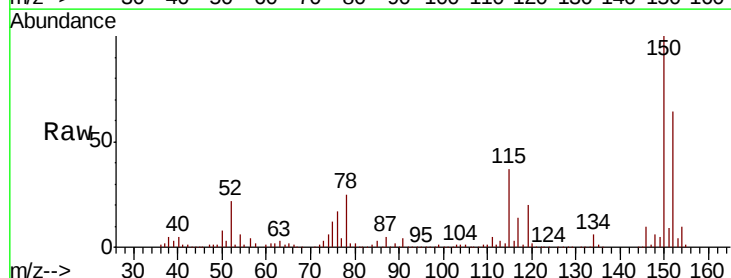
Tgt Ion:152 Resp: 129319

Ion Ratio Lower Upper

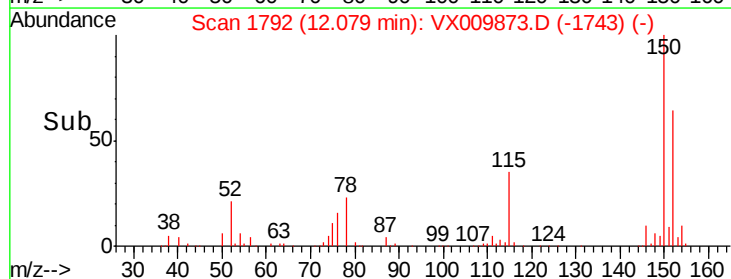
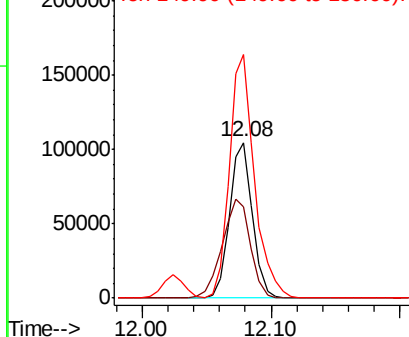
152 100

115 78.6 41.2 123.6

150 171.8 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: 43.755 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

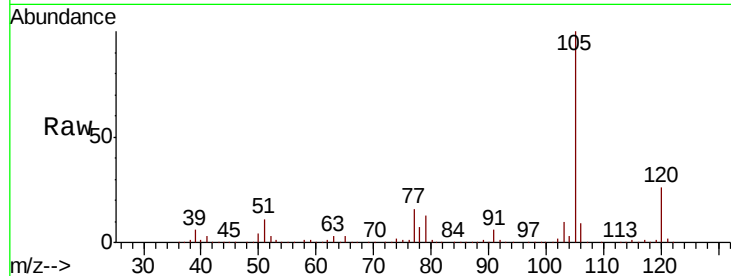
VSTDCCC050EC

Tot Ion:105 Resp: 411473

Ion Ratio Lower Upper

105 100

120 25.7 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

300000

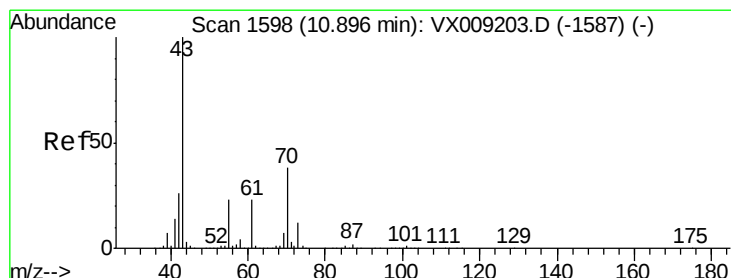
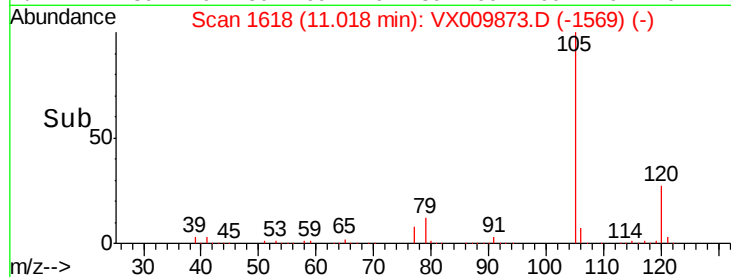
200000

100000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 49.068 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

Tgt Ion: 43 Resp: 269022

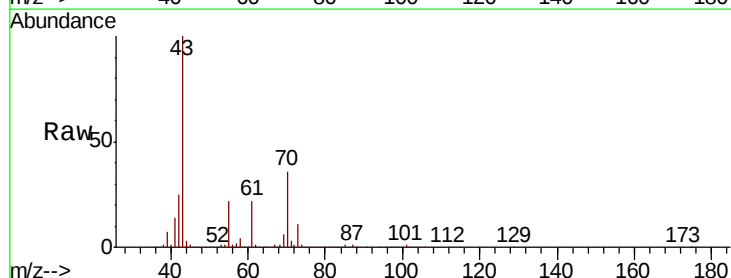
Ion Ratio Lower Upper

43 100

70 36.0 30.0 45.0

55 22.0 17.9 26.9

61 21.9 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

10.90

300000

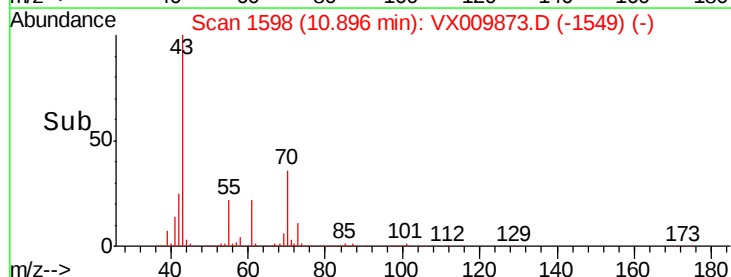
200000

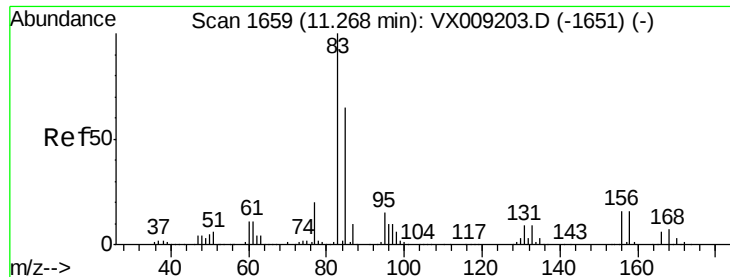
100000

0

Time-->

10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 45.021 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

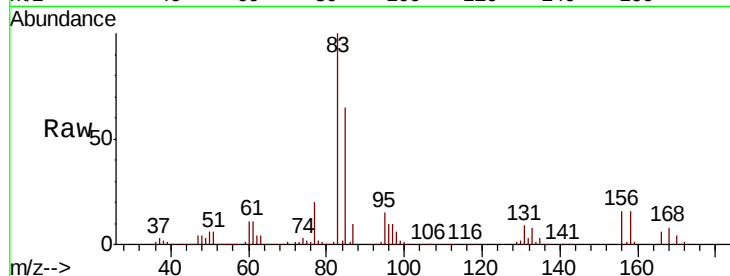
Tot Ion: 83 Resp: 157829

Ion Ratio Lower Upper

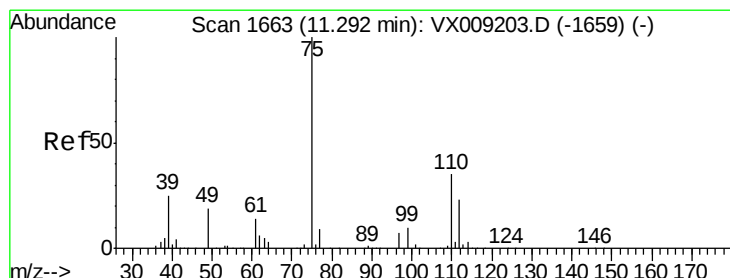
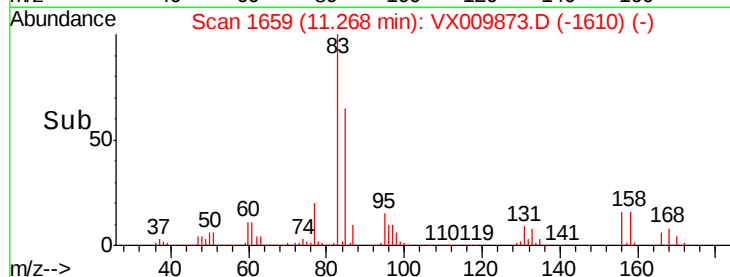
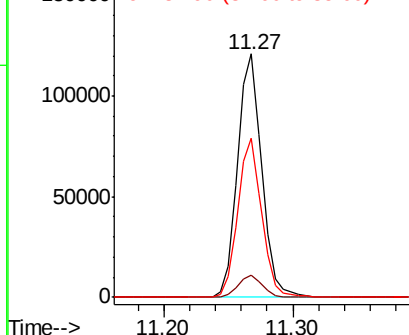
83 100

131 9.0 4.6 13.8

85 64.4 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: 61.373 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009873.D

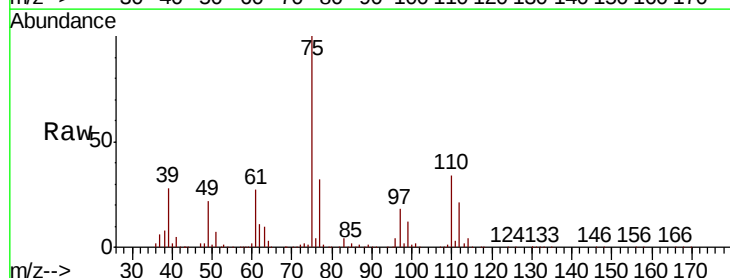
Acq: 23 May 2019 20:58

Tgt Ion: 75 Resp: 184103

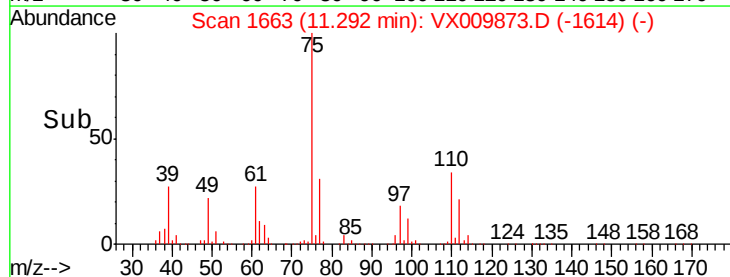
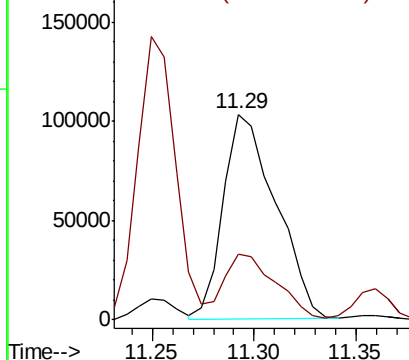
Ion Ratio Lower Upper

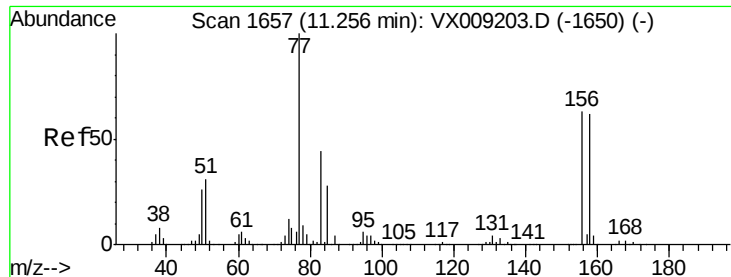
75 100

77 32.1 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: 45.205 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

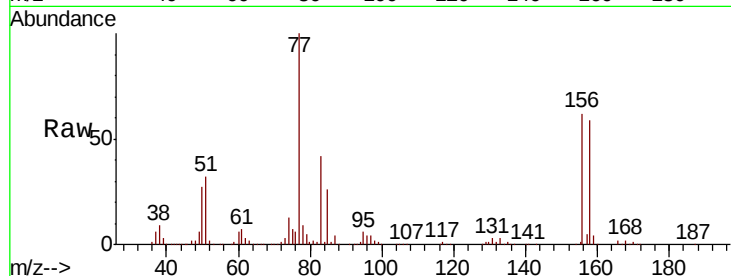
Tot Ion:156 Resp: 105512

Ion Ratio Lower Upper

156 100

77 174.6 84.8 254.3

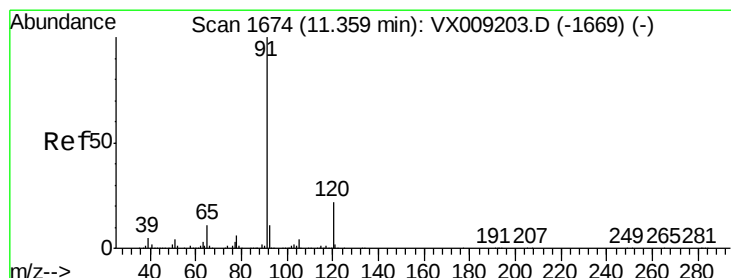
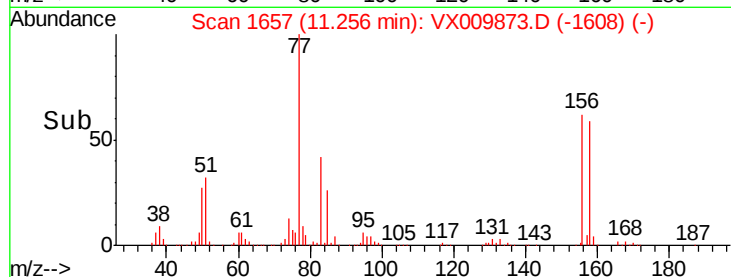
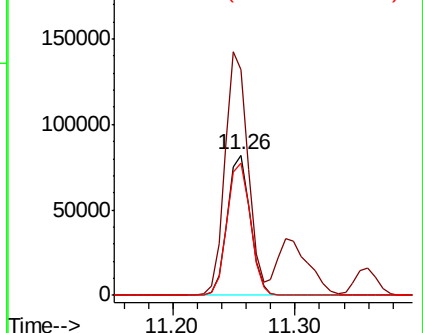
158 96.8 49.1 147.3



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: 44.691 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009873.D

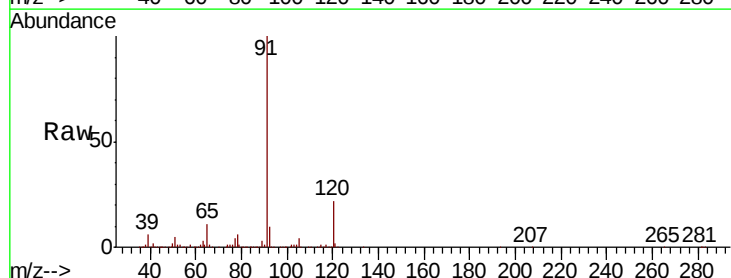
Acq: 23 May 2019 20:58

Tgt Ion: 91 Resp: 479975

Ion Ratio Lower Upper

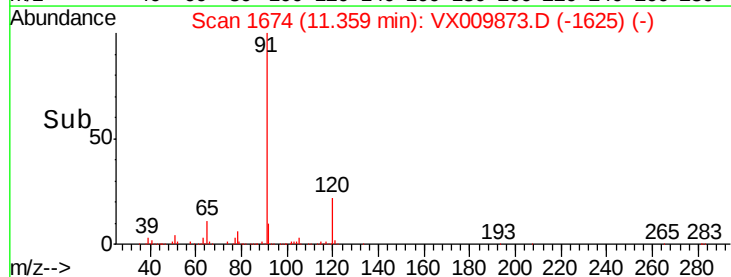
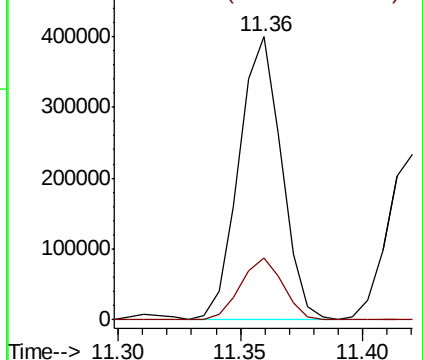
91 100

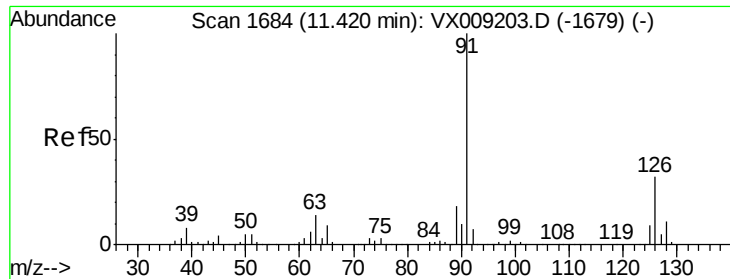
120 22.0 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

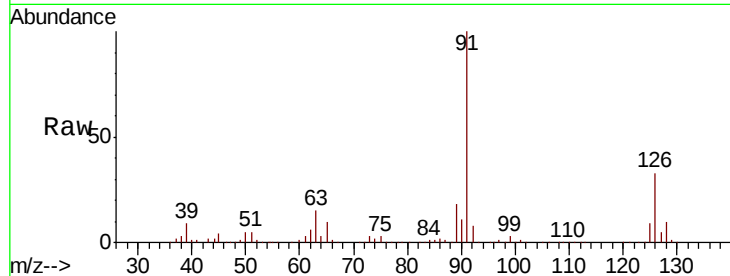




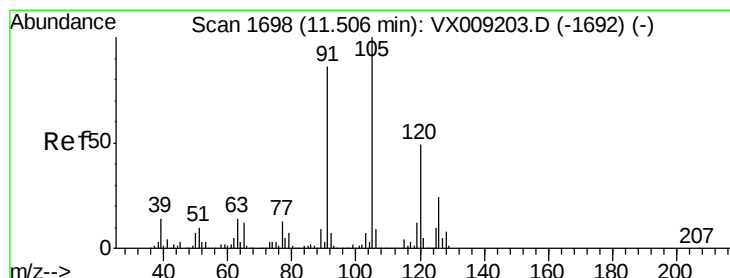
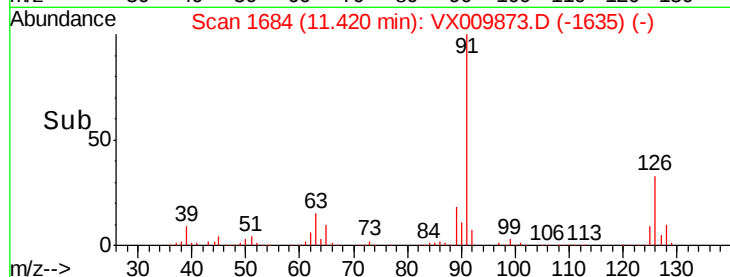
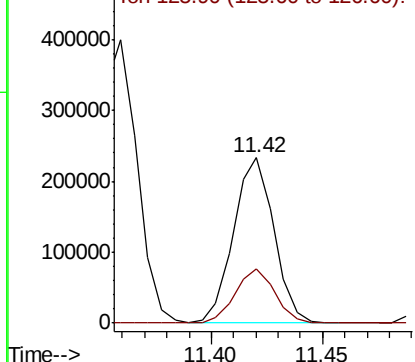
#79
 2-Chlorotoluene
 Concen: 44.293 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX009873.D
 Acq: 23 May 2019 20:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 293484
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.3 48.9

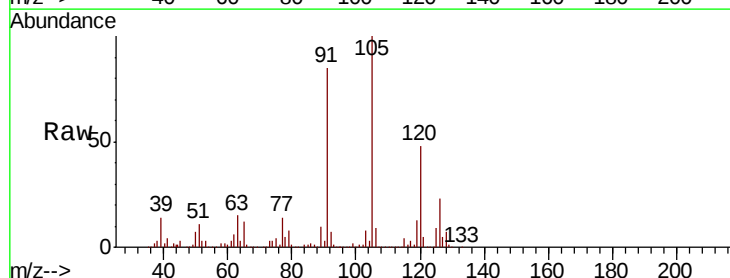


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

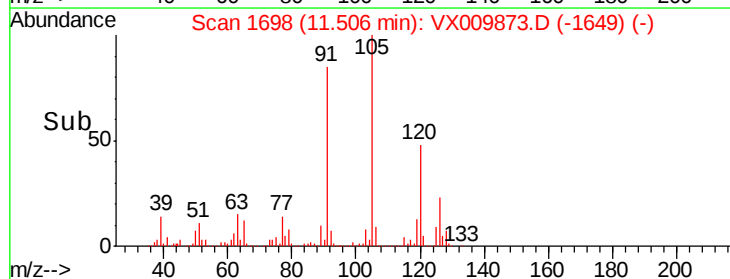
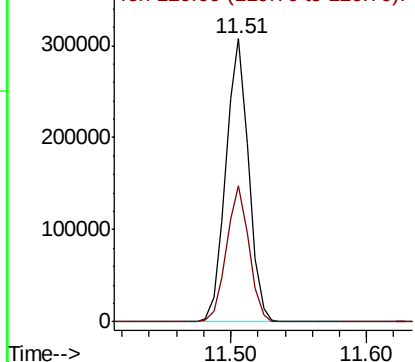


#80
 1,3,5-Trimethylbenzene
 Concen: 44.823 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009873.D
 Acq: 23 May 2019 20:58

Tgt Ion: 105 Resp: 354913
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.3 72.9



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





#81

trans-1,4-Dichloro-2-butene

Concen: 44.153 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

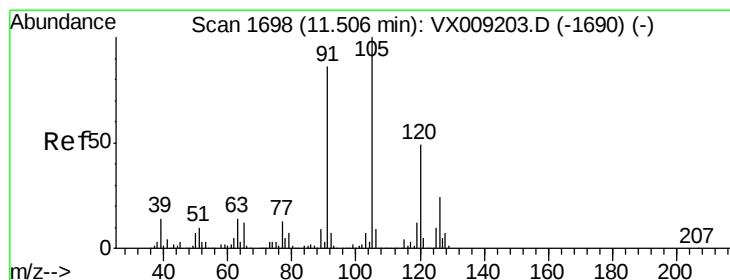
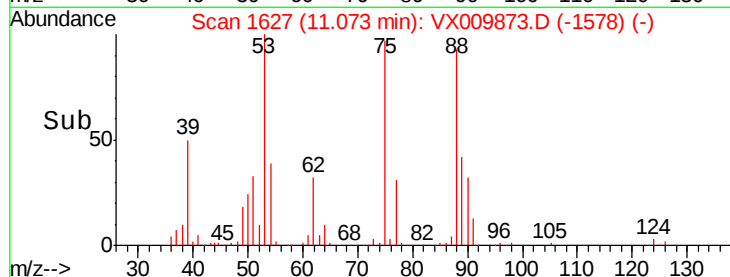
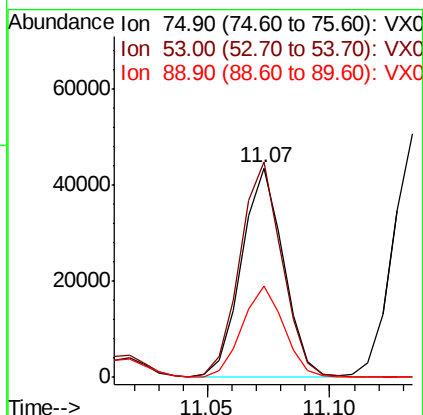
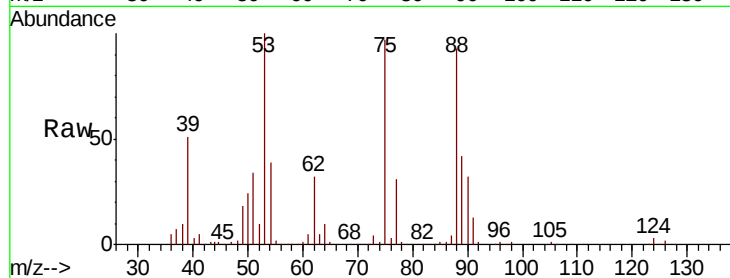
Tot Ion: 75 Resp: 51765

Ion Ratio Lower Upper

75 100

53 103.7 79.0 118.6

89 44.0 34.7 52.1



#82

4-Chlorotoluene

Concen: 45.410 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009873.D

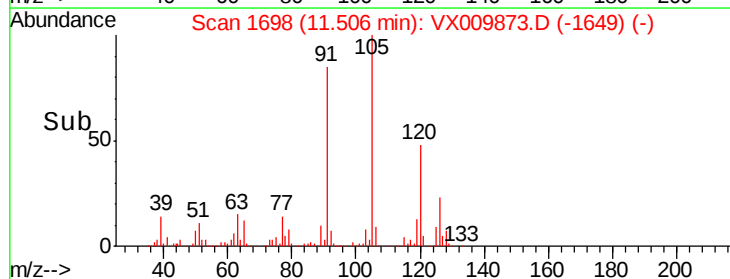
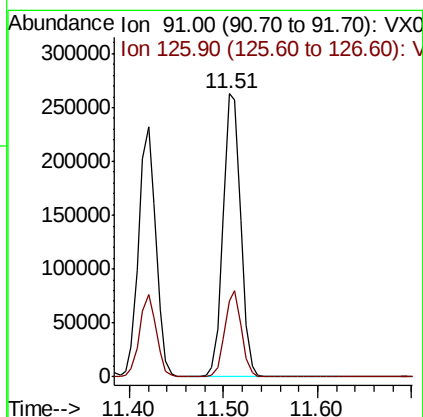
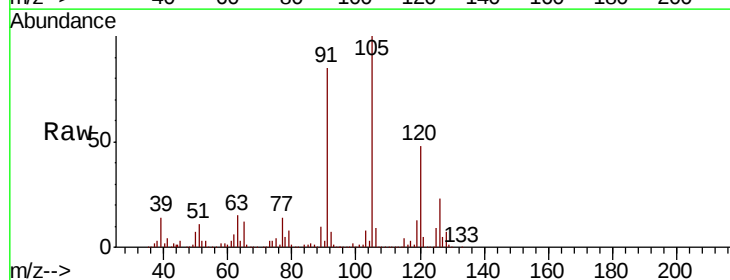
Acq: 23 May 2019 20:58

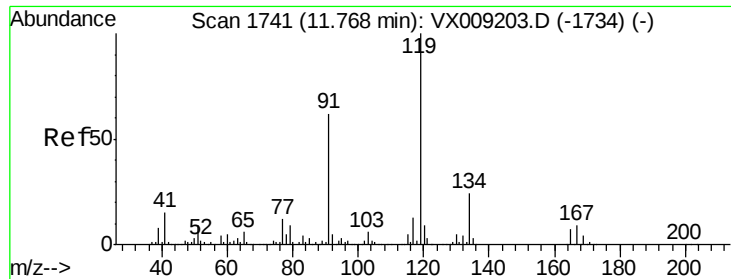
Tgt Ion: 91 Resp: 339913

Ion Ratio Lower Upper

91 100

126 28.7 14.5 43.6

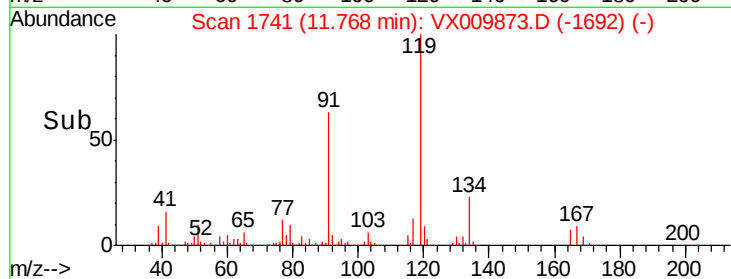
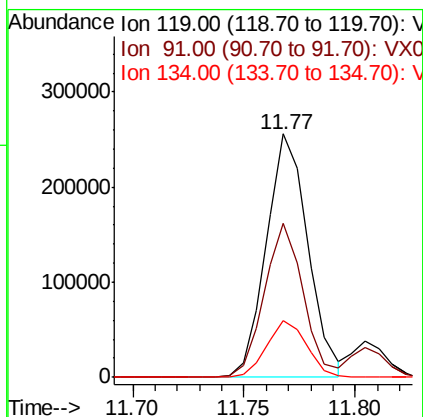
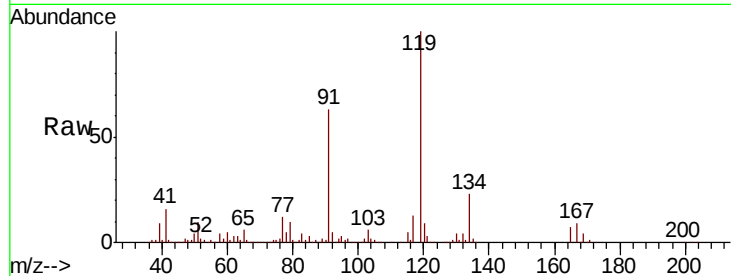




#83
tert-Butylbenzene
Concen: 43.128 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

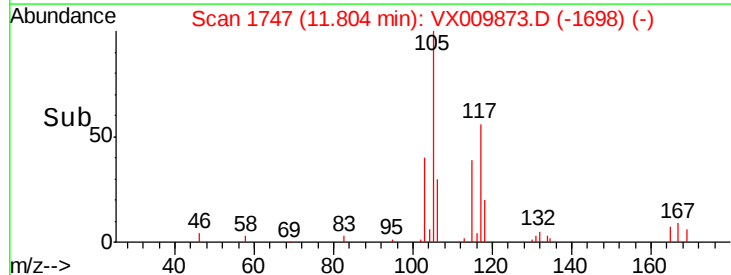
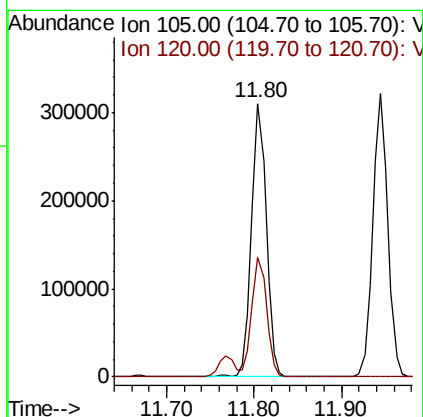
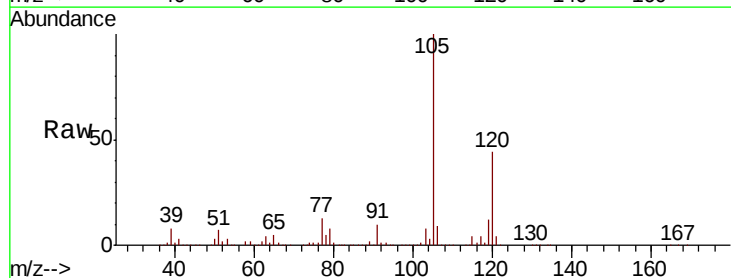
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

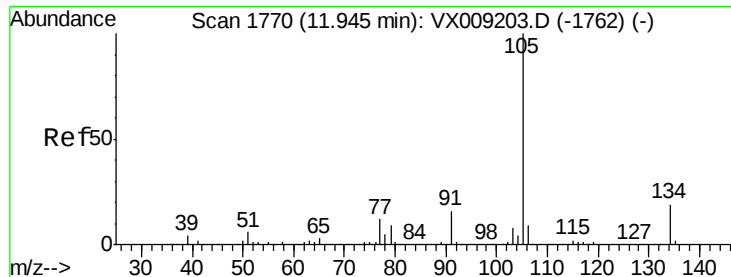
Tot Ion:119 Resp: 332202
Ion Ratio Lower Upper
119 100
91 59.6 29.5 88.5
134 22.4 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 45.476 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

Tgt Ion:105 Resp: 361434
Ion Ratio Lower Upper
105 100
120 43.7 22.0 66.0





#85

sec-Butylbenzene

Concen: 42.495 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

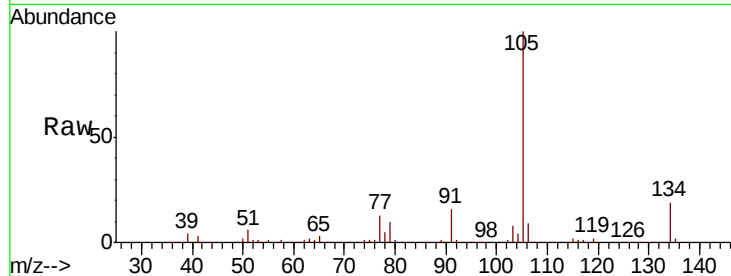
VSTDCCC050EC

Tot Ion:105 Resp: 388073

Ion Ratio Lower Upper

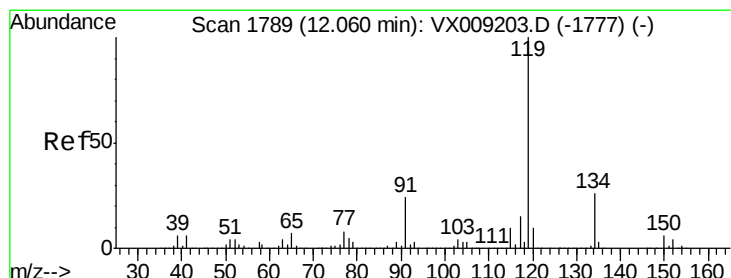
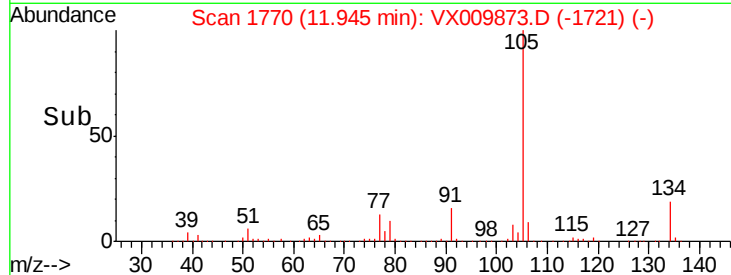
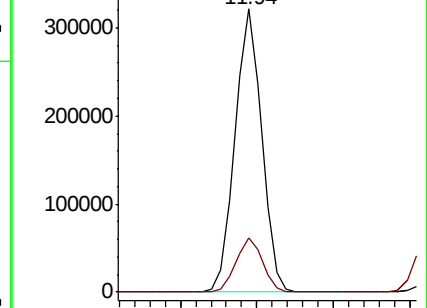
105 100

134 19.2 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 43.489 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

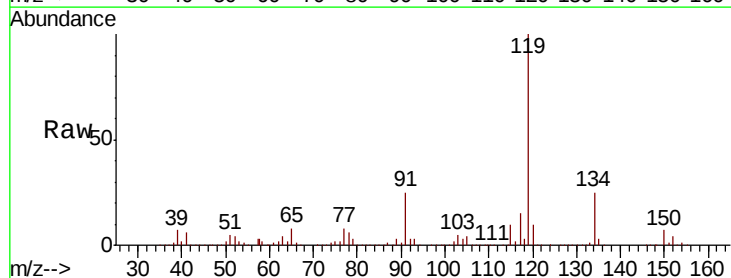
Tgt Ion:119 Resp: 357032

Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.7

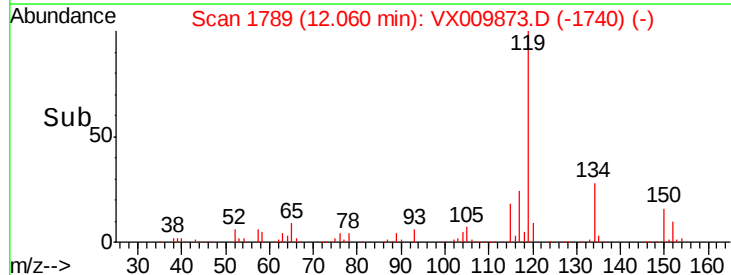
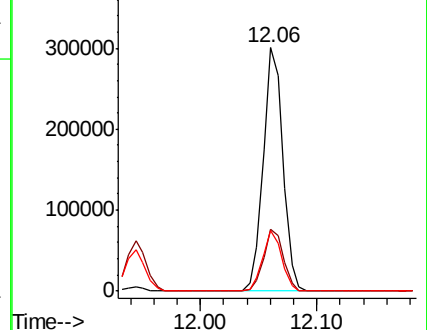
91 24.3 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

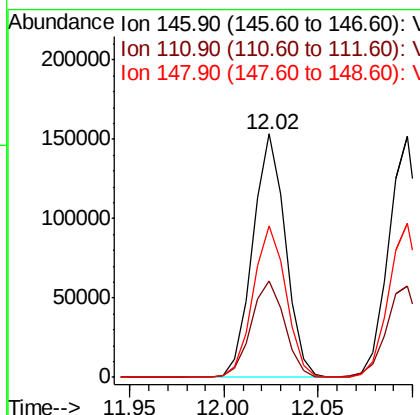
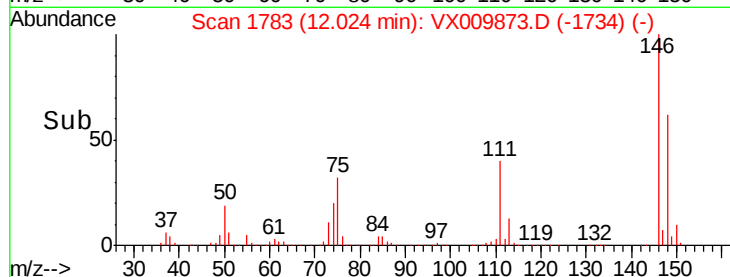
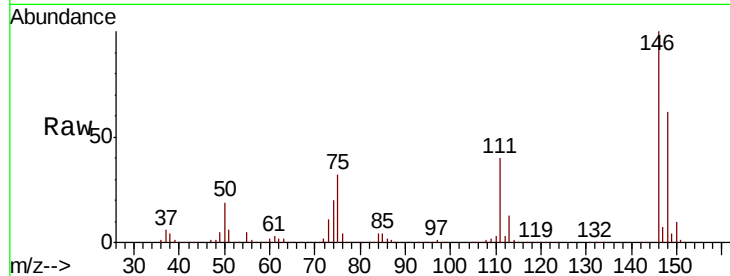




#87
 1,3-Dichlorobenzene
 Concen: 44.317 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009873.D
 Acq: 23 May 2019 20:58

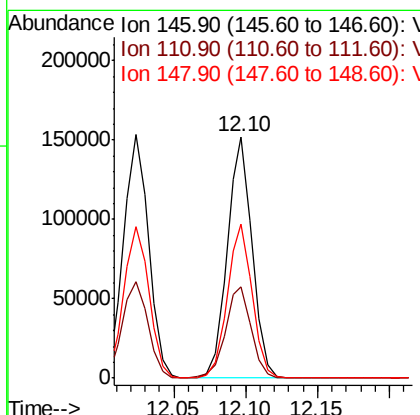
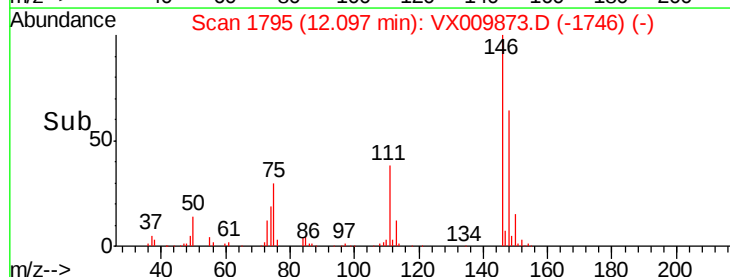
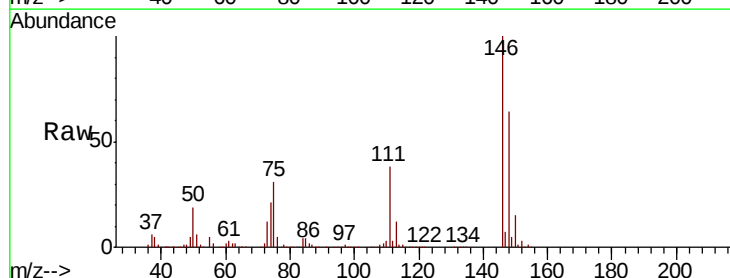
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

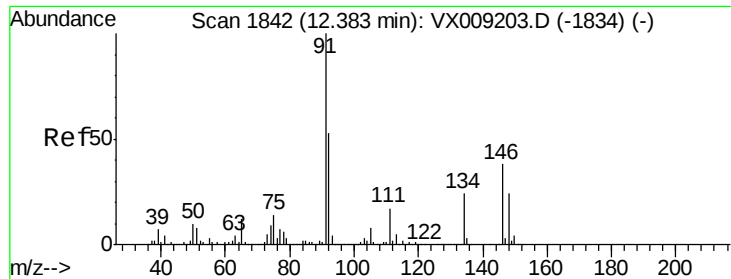
Tot Ion:146 Resp: 184402
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.0 59.9
 148 63.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 43.820 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009873.D
 Acq: 23 May 2019 20:58

Tgt Ion:146 Resp: 183823
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.6 58.8
 148 63.9 31.8 95.3

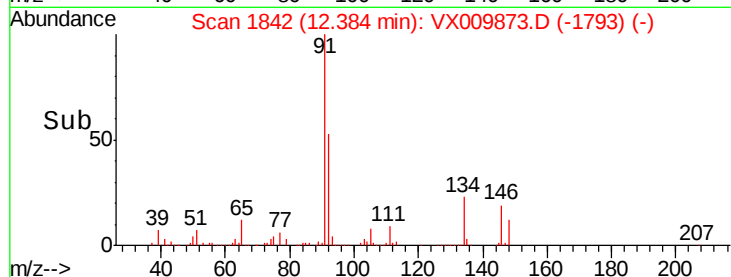
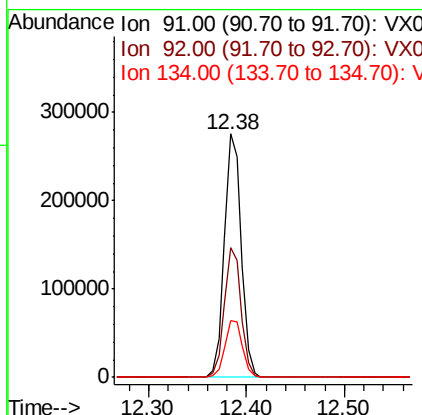
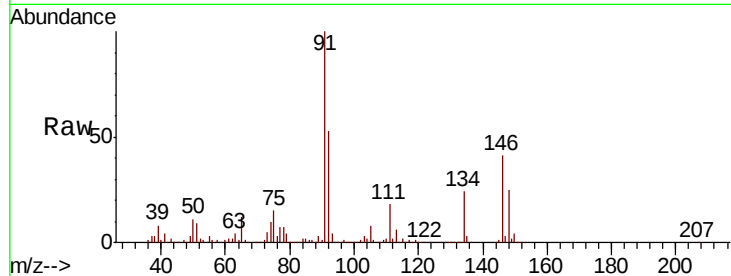




#89
n-Butylbenzene
Concen: 44.236 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

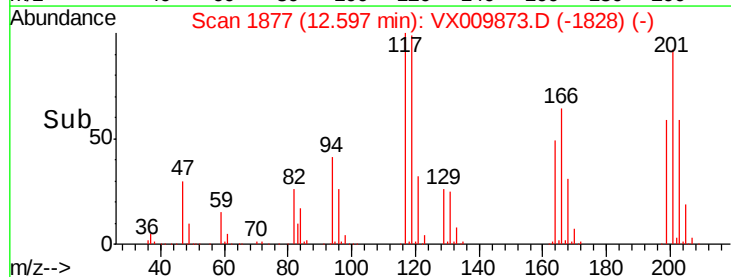
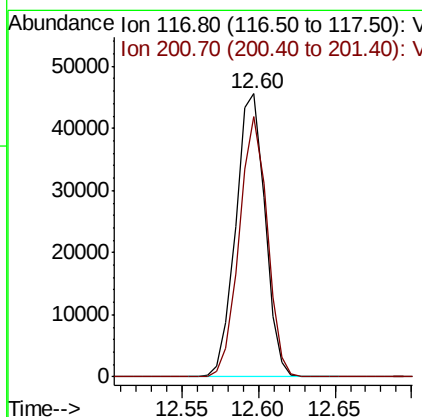
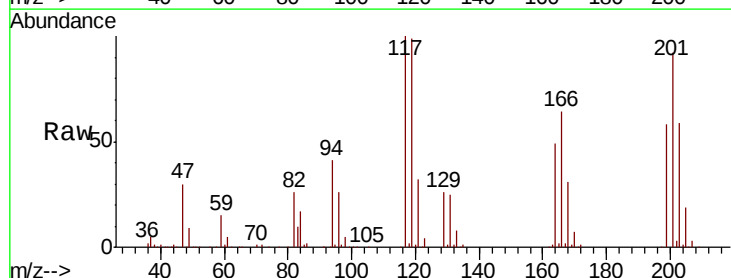
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 328244
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 24.3 12.4 37.2



#90
Hexachloroethane
Concen: 43.225 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

Tgt Ion: 117 Resp: 60457
Ion Ratio Lower Upper
117 100
201 87.9 42.3 126.9





#91

1,2-Dichlorobenzene

Concen: 43.447 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

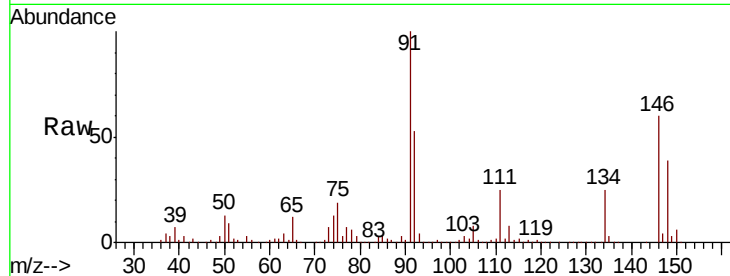
Tot Ion:146 Resp: 184134

Ion Ratio Lower Upper

146 100

111 41.8 20.8 62.4

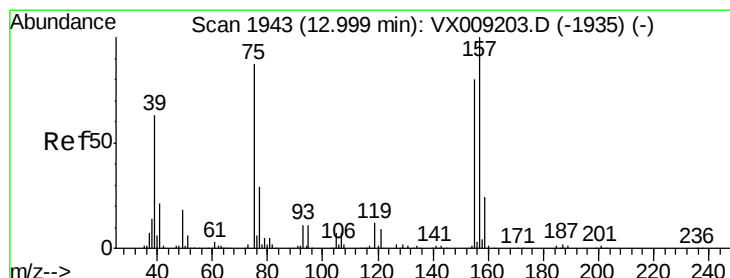
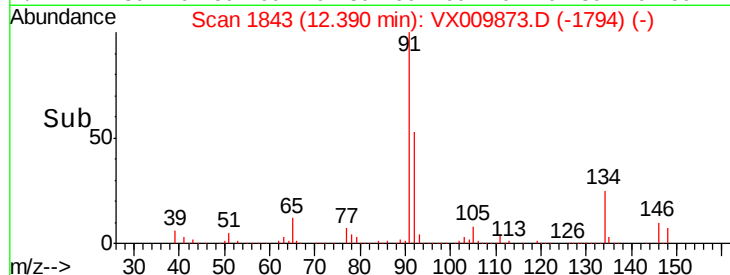
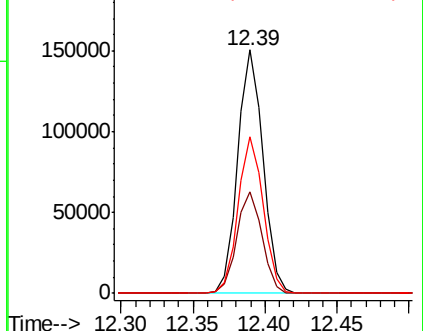
148 64.2 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.223 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX009873.D

Acq: 23 May 2019 20:58

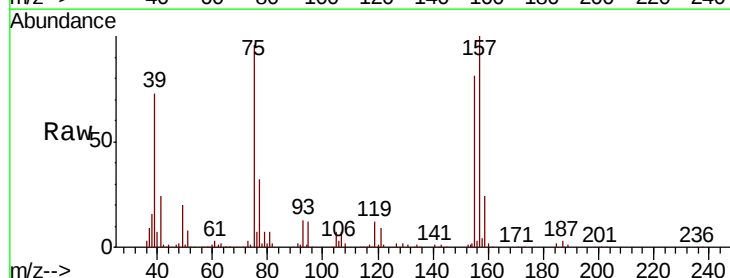
Tgt Ion: 75 Resp: 35564

Ion Ratio Lower Upper

75 100

155 80.8 42.0 126.0

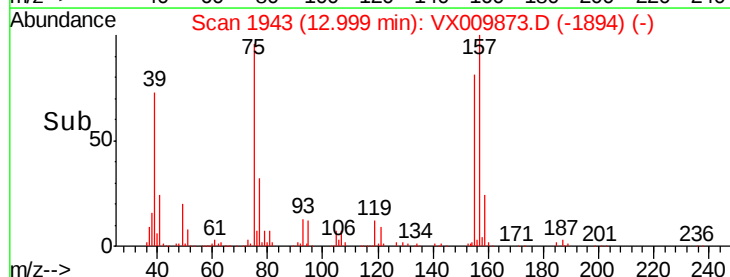
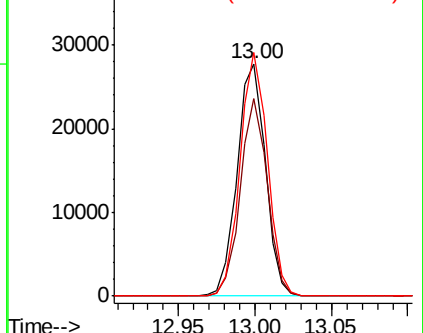
157 101.6 53.2 159.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

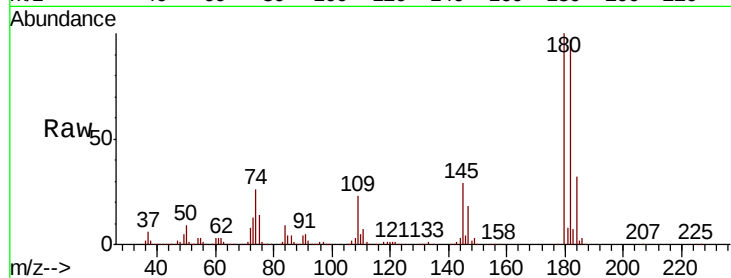




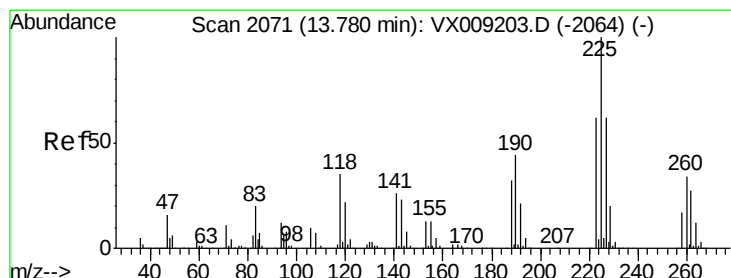
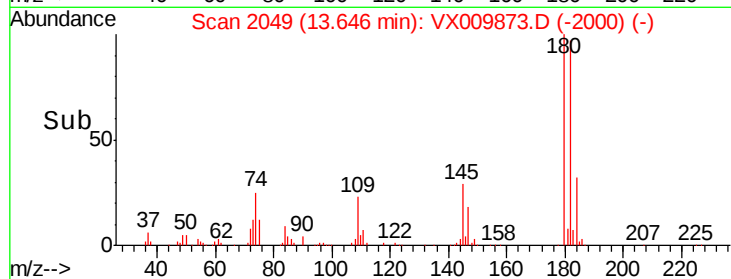
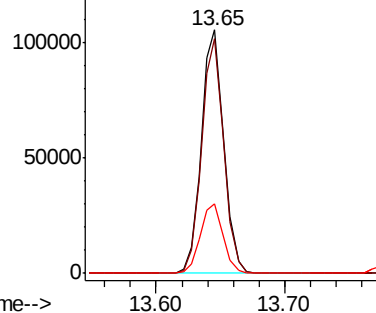
#93
 1,2,4-Trichlorobenzene
 Concen: 44.322 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009873.D
 Acq: 23 May 2019 20:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.4	145.2
145	29.3	14.6	43.8

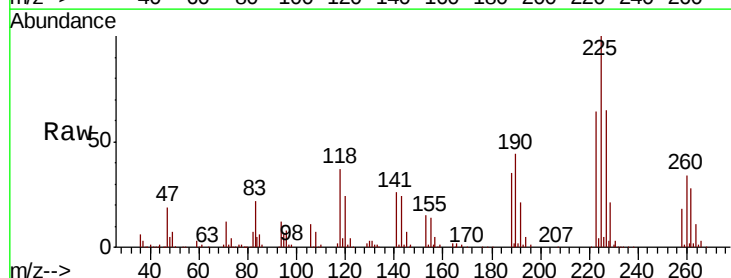


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

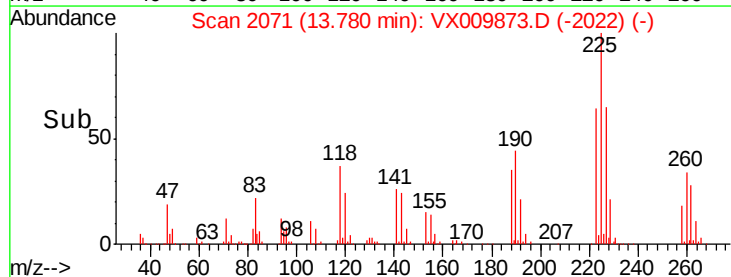
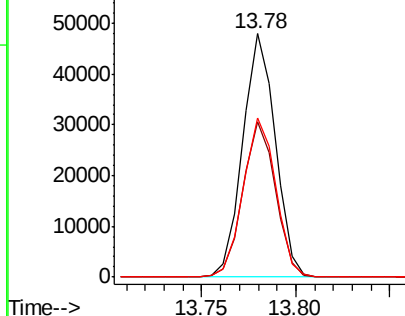


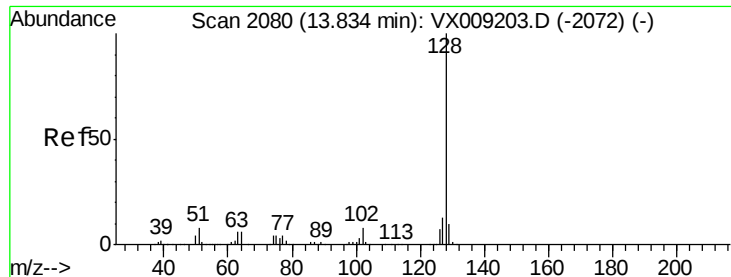
#94
 Hexachlorobutadiene
 Concen: 38.866 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009873.D
 Acq: 23 May 2019 20:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.3	93.8
227	65.6	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

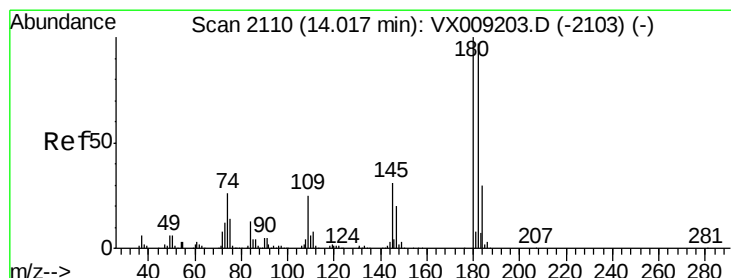
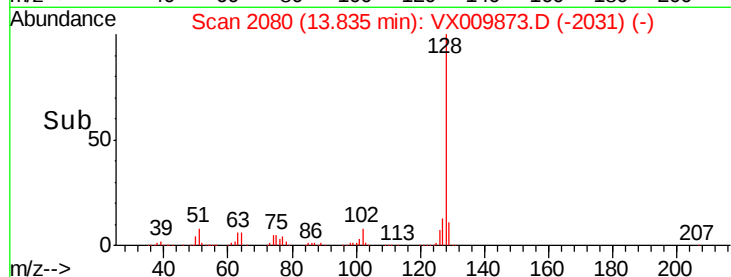
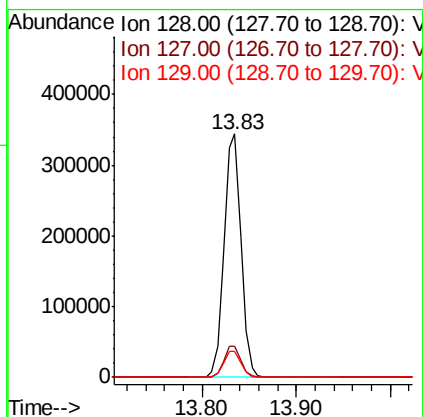
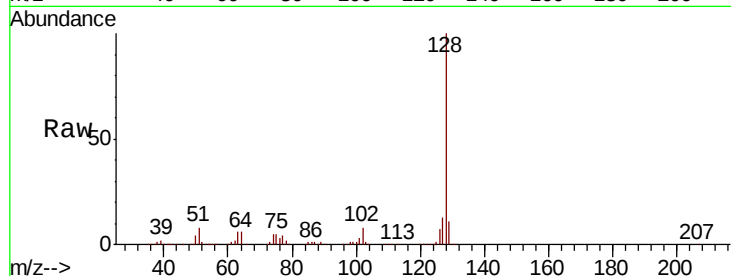




#95
Naphthalene
Concen: 45.328 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 427393
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 44.409 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009873.D
Acq: 23 May 2019 20:58

Tgt Ion:180 Resp: 130464
Ion Ratio Lower Upper
180 100
182 95.5 47.8 143.4
145 30.8 15.4 46.4

