

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041219\
 Data File : VX008900.D
 Acq On : 12 Apr 2019 20:34
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 13 05:02:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	156016	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	262245	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	228622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	105666	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	112558	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
35) Dibromofluoromethane	5.50	113	82908	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
50) Toluene-d8	8.71	98	325286	48.72	ug/l	0.00
Spiked Amount			Recovery	=	97.44%	
62) 4-Bromofluorobenzene	11.13	95	114866	48.52	ug/l	0.00
Spiked Amount			Recovery	=	97.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	104238	58.043	ug/l	98
3) Chloromethane	1.32	50	119098	54.256	ug/l	100
4) Vinyl Chloride	1.41	62	118229	48.700	ug/l	97
5) Bromomethane	1.64	94	66741	55.589	ug/l	99
6) Chloroethane	1.71	64	74724	56.770	ug/l	98
7) Trichlorofluoromethane	1.92	101	135550	50.510	ug/l	99
8) Diethyl Ether	2.19	74	62034	48.745	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	83838	48.523	ug/l	98
10) Methyl Iodide	2.51	142	79773	50.639	ug/l	100
11) Tert butyl alcohol	3.06	59	139365	261.599	ug/l	100
12) 1,1-Dichloroethene	2.37	96	87780	48.667	ug/l	98
13) Acrolein	2.29	56	71962	272.416	ug/l	99
14) Allyl chloride	2.73	41	209152	50.653	ug/l	98
15) Acrylonitrile	3.15	53	359563	254.769	ug/l	100
16) Acetone	2.45	43	310967	237.258	ug/l	99
17) Carbon Disulfide	2.57	76	259567	49.833	ug/l	99
18) Methyl Acetate	2.78	43	164766	51.834	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	336218	52.197	ug/l	99
20) Methylene Chloride	2.85	84	104701	47.724	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	94218	48.293	ug/l	96
22) Diisopropyl ether	3.86	45	407062	51.149	ug/l	99
23) Vinyl Acetate	3.82	43	1846425	266.697	ug/l	100
24) 1,1-Dichloroethane	3.70	63	200172	50.801	ug/l	99
25) 2-Butanone	4.68	43	539724	260.541	ug/l	99
26) 2,2-Dichloropropane	4.59	77	126294	45.508	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	110711	49.357	ug/l	98
28) Bromochloromethane	5.02	49	84640	51.515	ug/l	100
29) Tetrahydrofuran	5.13	42	361041	262.587	ug/l	99
30) Chloroform	5.21	83	178572	50.740	ug/l	98
31) Cyclohexane	5.58	56	195473	49.717	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	147828	51.980	ug/l	100
36) 1,1-Dichloropropene	5.80	75	139335	48.606	ug/l	100
37) Ethyl Acetate	4.84	43	204489	53.443	ug/l	100
38) Carbon Tetrachloride	5.79	117	121894	51.376	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	169004	47.725	ug/l	99
40) Benzene	6.15	78	428945	50.228	ug/l	99
41) Methacrylonitrile	5.04	41	112481	51.142	ug/l	100
42) 1,2-Dichloroethane	6.20	62	152613	49.848	ug/l	100
43) Isopropyl Acetate	6.45	43	316724	52.841	ug/l	99
44) Trichloroethene	7.21	130	100452	50.504	ug/l	95
45) 1,2-Dichloropropane	7.51	63	122818	50.387	ug/l	98
46) Dibromomethane	7.66	93	68505	48.457	ug/l	97
47) Bromodichloromethane	7.90	83	137684	51.653	ug/l	99
48) Methyl methacrylate	7.77	41	158861	52.394	ug/l	99
49) 1,4-Dioxane	7.74	88	55332	974.181	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1015717	263.241	ug/l	100
52) Toluene	8.79	92	252799	50.211	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	157184	52.643	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	175129	51.331	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	102490	50.713	ug/l	99
56) Ethyl methacrylate	9.18	69	191688	52.422	ug/l	99
57) 1,3-Dichloropropane	9.37	76	184247	50.771	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	472993	253.326	ug/l	100
59) 2-Hexanone	9.49	43	765676	255.342	ug/l	100
60) Dibromochloromethane	9.59	129	101762	53.435	ug/l	100
61) 1,2-Dibromoethane	9.67	107	106043	50.403	ug/l	98
64) Tetrachloroethene	9.34	164	87948	51.922	ug/l	99
65) Chlorobenzene	10.14	112	254160	50.152	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	94169	52.967	ug/l	99
67) Ethyl Benzene	10.25	91	472186	49.967	ug/l	98
68) m/p-Xylenes	10.36	106	340458	100.202	ug/l	99
69) o-Xylene	10.70	106	164723	50.025	ug/l	99
70) Styrene	10.71	104	290132	51.116	ug/l	99
71) Bromoform	10.86	173	73943	54.456	ug/l	98
73) Isopropylbenzene	11.02	105	443532	50.650	ug/l	100
74) N-amyl acetate	10.90	43	264167	51.274	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	161961	48.632	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	194141	66.882	ug/l	81
77) Bromobenzene	11.26	156	105717	50.218	ug/l	98
78) n-propylbenzene	11.36	91	506352	49.661	ug/l	100
79) 2-Chlorotoluene	11.42	91	298989	48.456	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	367933	50.055	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	54890	52.125	ug/l	99
82) 4-Chlorotoluene	11.51	91	343623	48.111	ug/l	98
83) tert-Butylbenzene	11.77	119	358513	50.696	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	370576	49.789	ug/l	100
85) sec-Butylbenzene	11.94	105	419170	49.901	ug/l	99
86) p-Isopropyltoluene	12.06	119	378567	50.211	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	183931	48.805	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	183244	48.017	ug/l	99
89) n-Butylbenzene	12.39	91	350138	49.520	ug/l	100
90) Hexachloroethane	12.60	117	65045	52.015	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	182447	48.758	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36976	50.471	ug/l	99

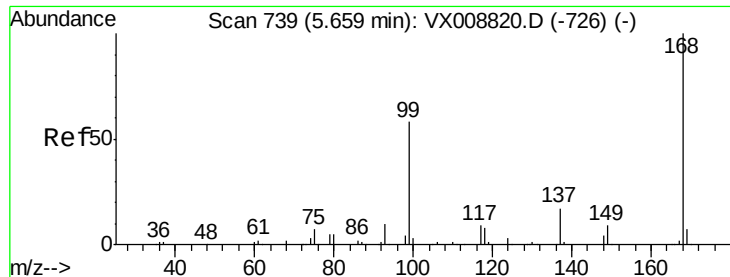
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041219\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	128302	49.315	ug/l	99
94) Hexachlorobutadiene	13.78	225	63937	51.243	ug/l	99
95) Naphthalene	13.83	128	435224	50.052	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	128968	49.614	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

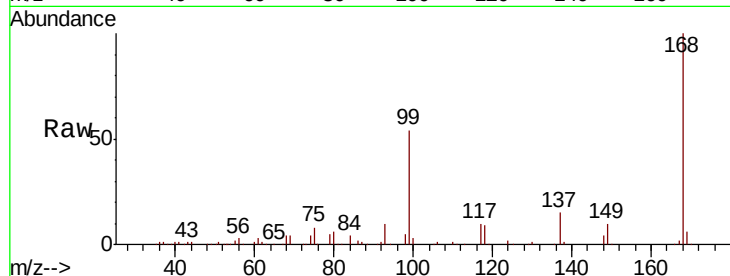
VSTDCCC050EC

Tot Ion:168 Resp: 156016

Ion Ratio Lower Upper

168 100

99 54.2 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

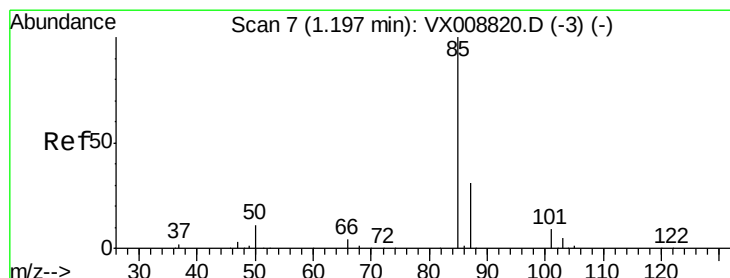
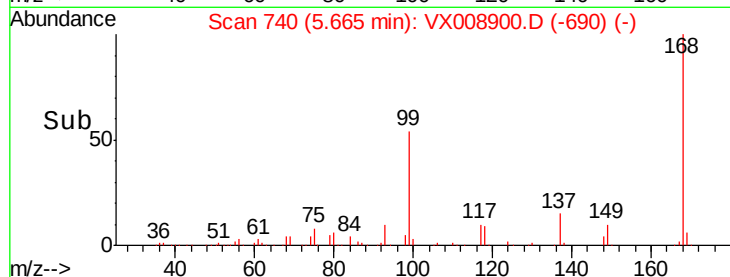
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 58.043 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008900.D

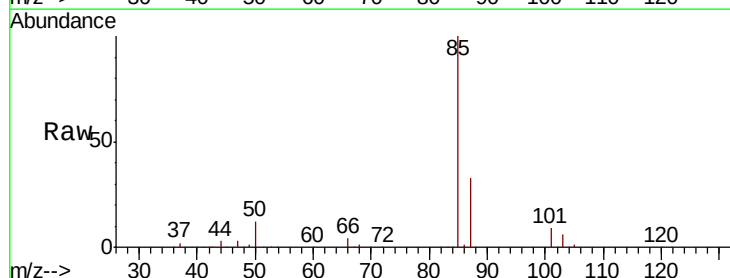
Acq: 12 Apr 2019 20:34

Tgt Ion: 85 Resp: 104238

Ion Ratio Lower Upper

85 100

87 32.6 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

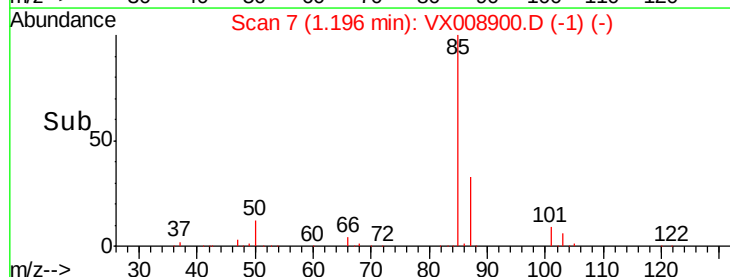
60000

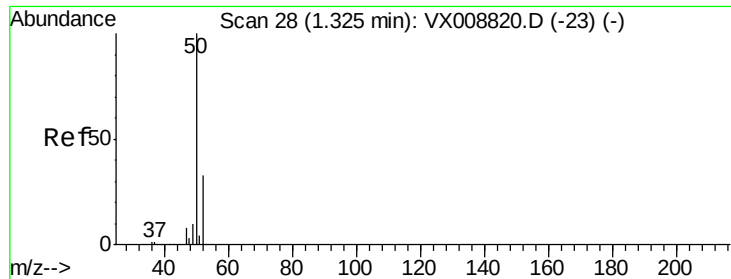
40000

20000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 54.256 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

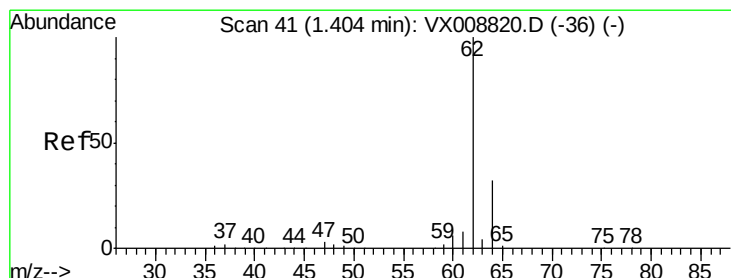
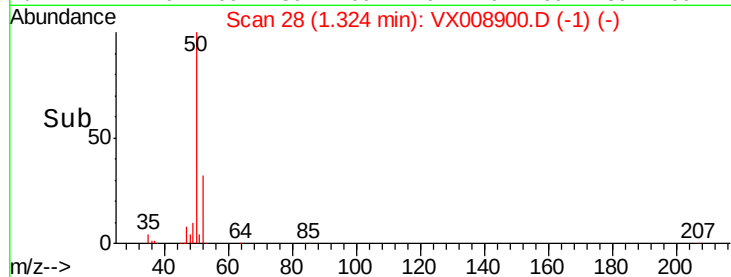
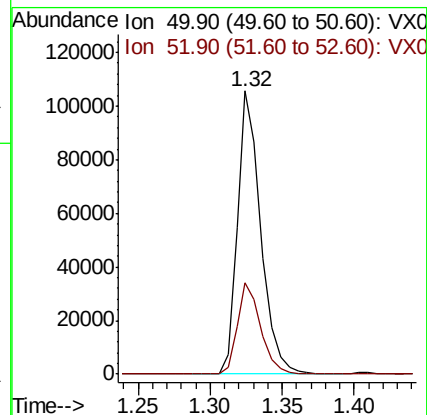
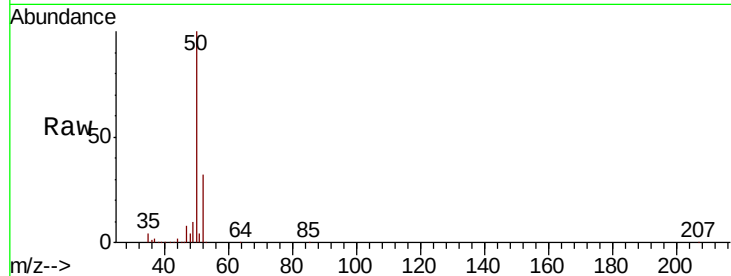
VSTDCCC050EC

Tot Ion: 50 Resp: 119098

Ion Ratio Lower Upper

50 100

52 32.3 25.8 38.8



#4

Vinyl Chloride

Concen: 48.700 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008900.D

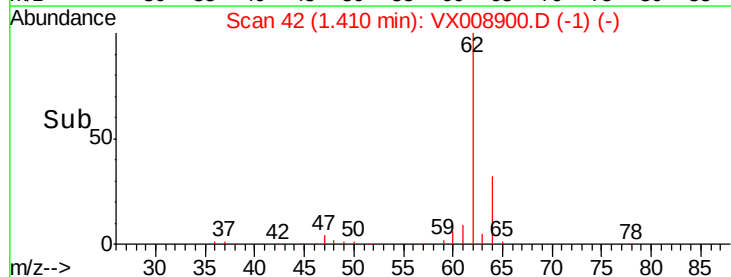
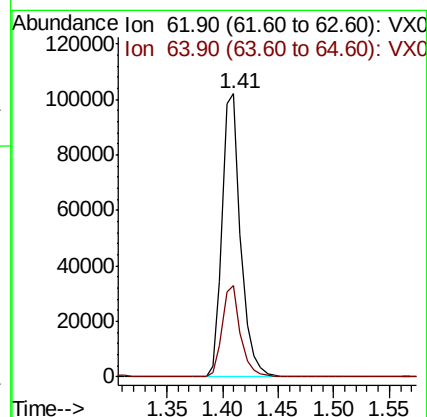
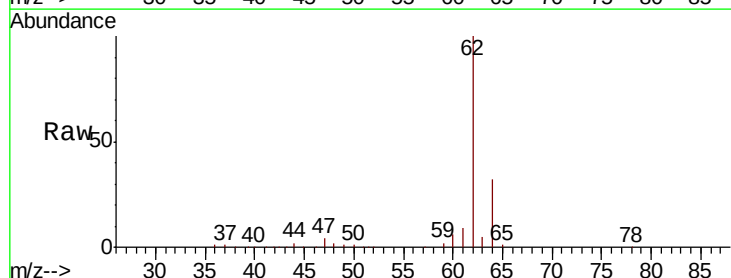
Acq: 12 Apr 2019 20:34

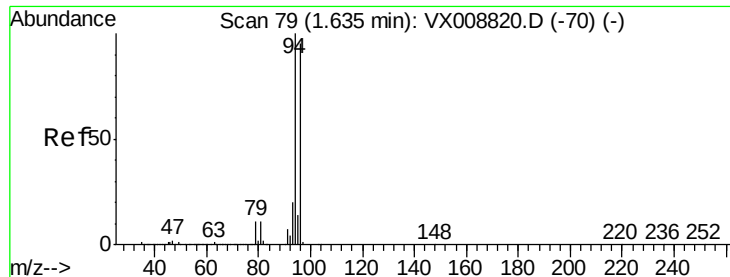
Tgt Ion: 62 Resp: 118229

Ion Ratio Lower Upper

62 100

64 32.3 24.7 37.1





#5

Bromomethane

Concen: 55.589 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

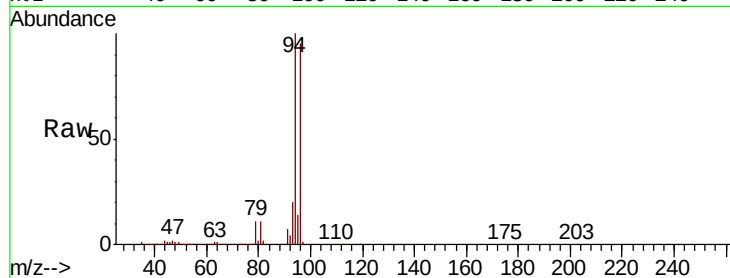
VSTDCCC050EC

Tot Ion: 94 Resp: 66741

Ion Ratio Lower Upper

94 100

96 94.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

60000

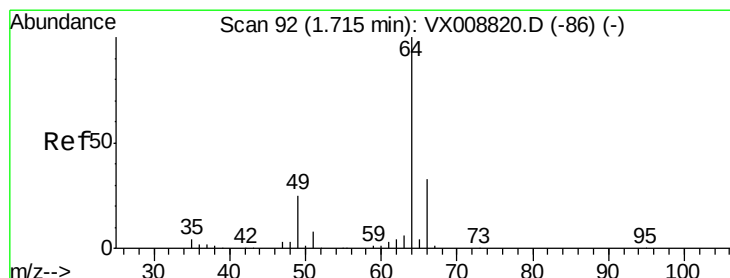
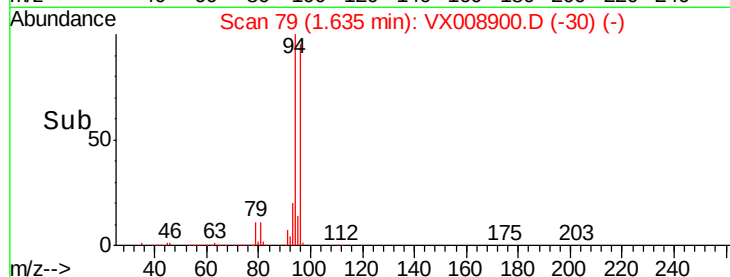
40000

20000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 56.770 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008900.D

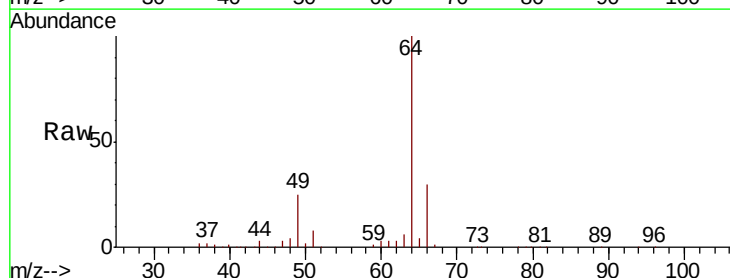
Acq: 12 Apr 2019 20:34

Tgt Ion: 64 Resp: 74724

Ion Ratio Lower Upper

64 100

66 30.3 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

50000

40000

30000

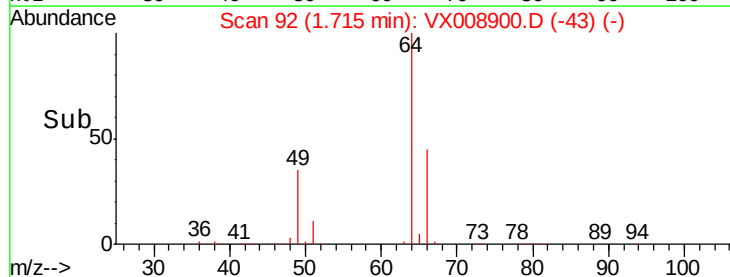
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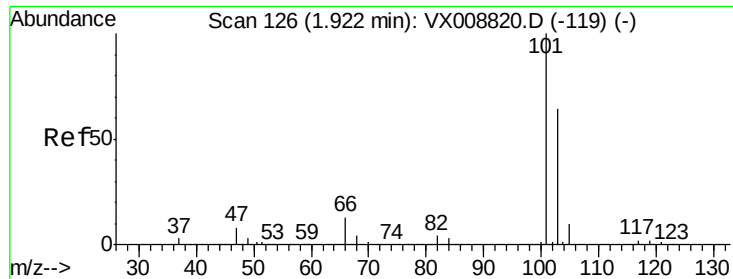
10000

0

Time-->

1.50 1.60 1.70 1.80



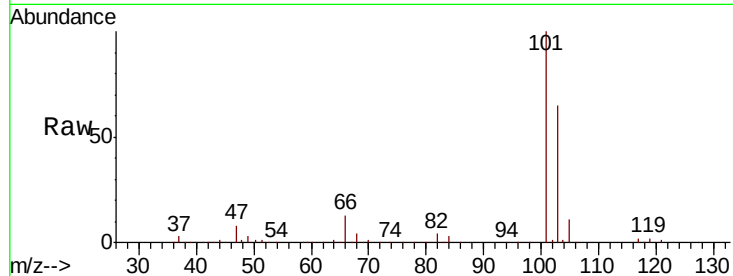


#7

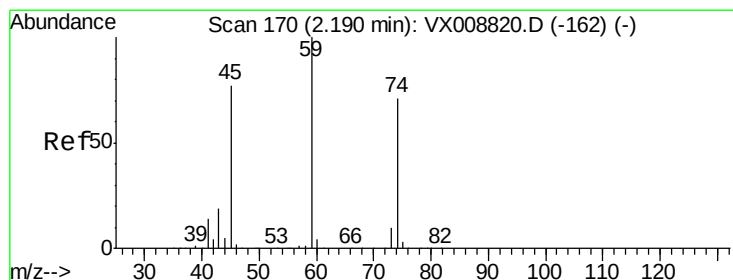
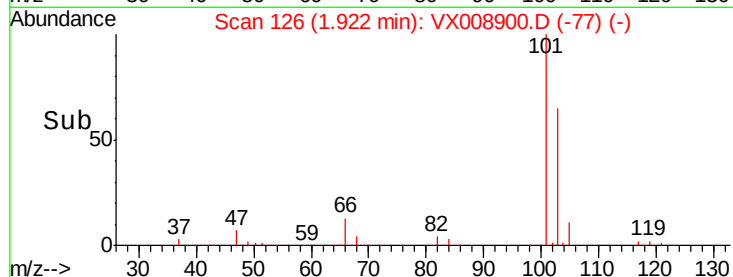
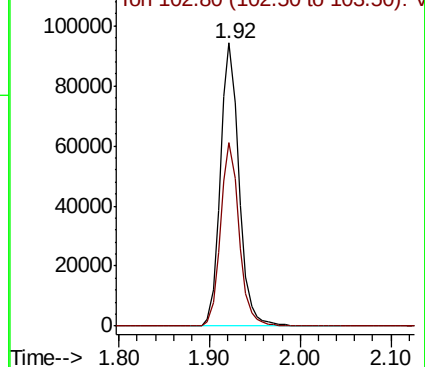
Trichlorofluoromethane
Concen: 50.510 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX008900.D
Acq: 12 Apr 2019 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 135550
Ion Ratio Lower Upper
101 100
103 64.6 52.3 78.5



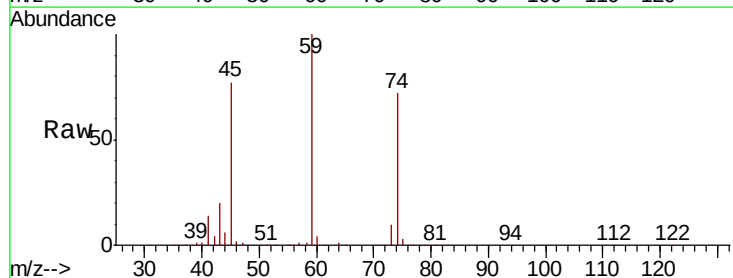
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



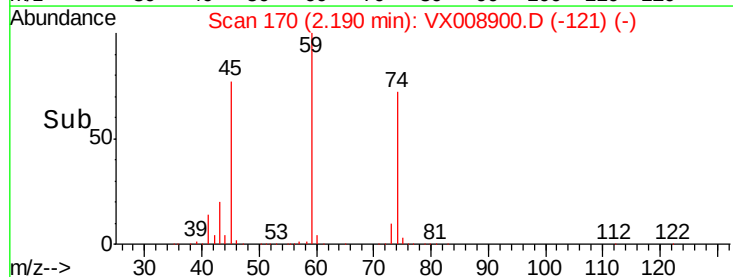
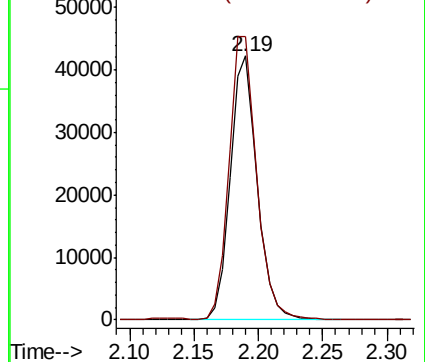
#8

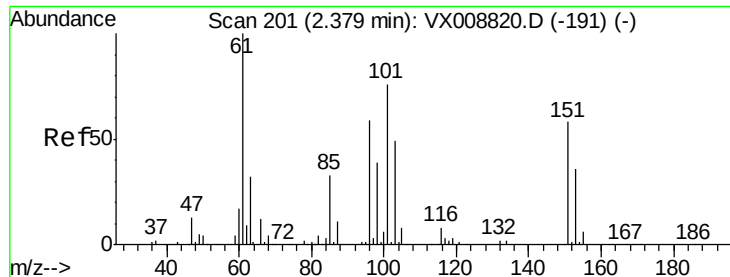
Diethyl Ether
Concen: 48.745 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008900.D
Acq: 12 Apr 2019 20:34

Tgt Ion: 74 Resp: 62034
Ion Ratio Lower Upper
74 100
45 109.5 56.5 169.5



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: 48.523 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

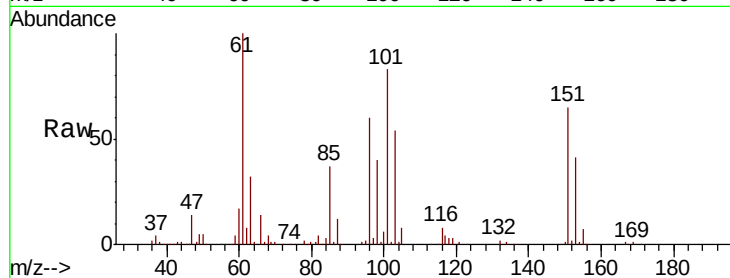
Tot Ion:101 Resp: 83838

Ion Ratio Lower Upper

101 100

85 44.6 36.0 54.0

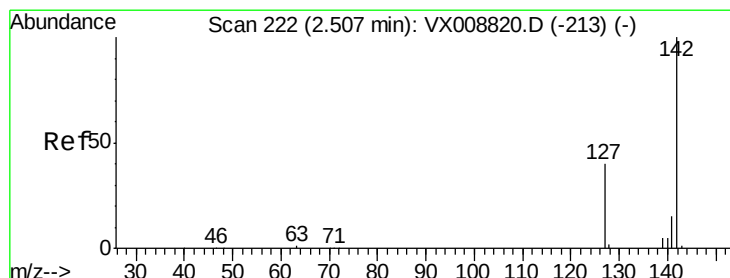
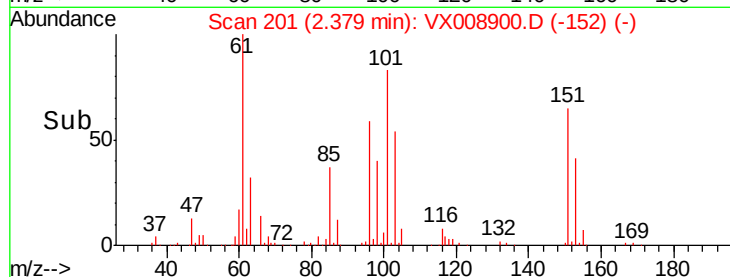
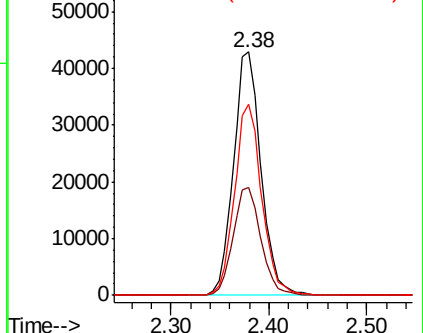
151 77.4 59.9 89.9



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: 50.639 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

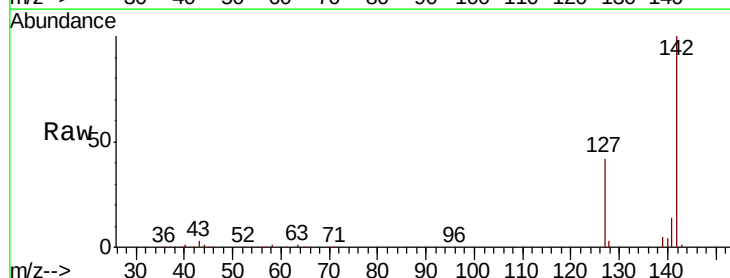
Tgt Ion:142 Resp: 79773

Ion Ratio Lower Upper

142 100

127 41.3 33.0 49.6

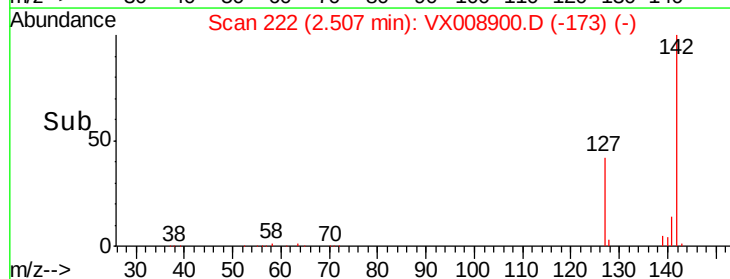
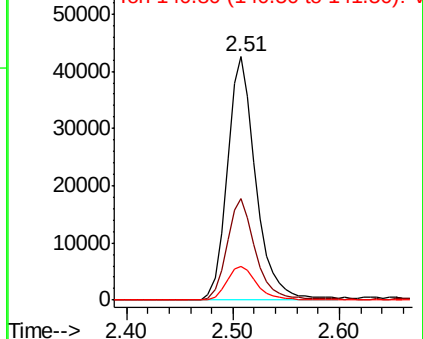
141 14.6 11.4 17.2

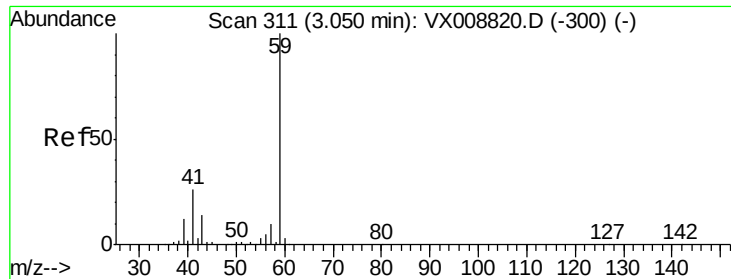


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



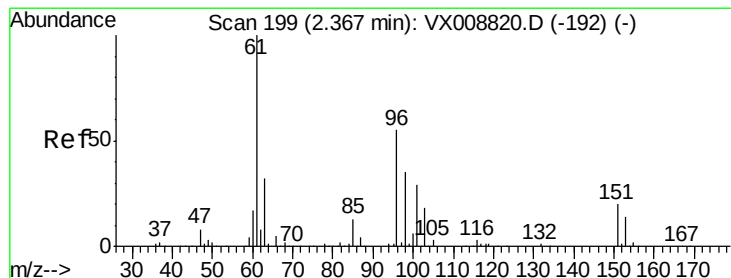
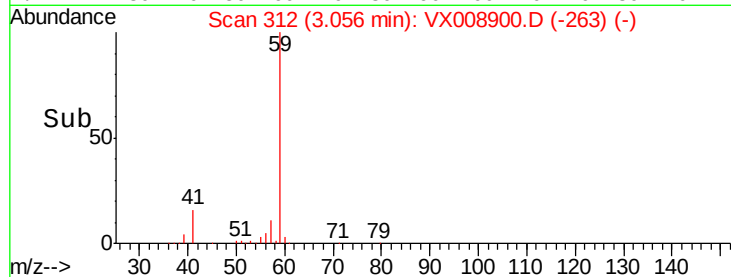
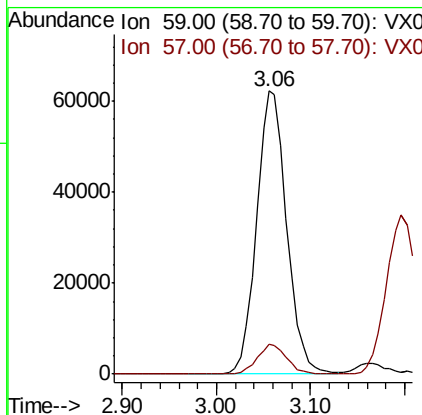
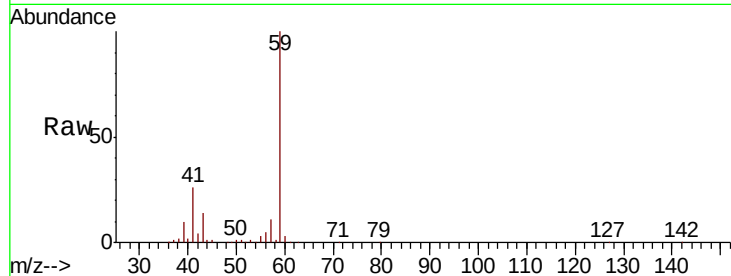


#11

Tert butyl alcohol
 Concen: 261.599 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. -0.00 min
 Lab File: VX008900.D
 Acq: 12 Apr 2019 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

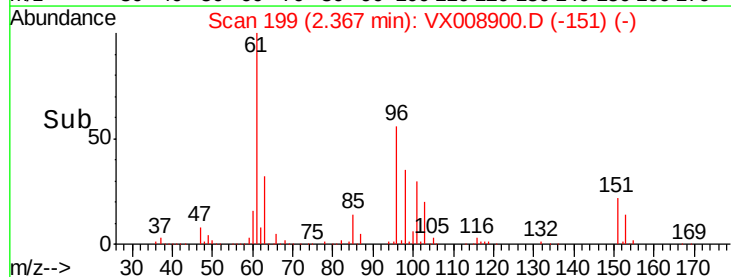
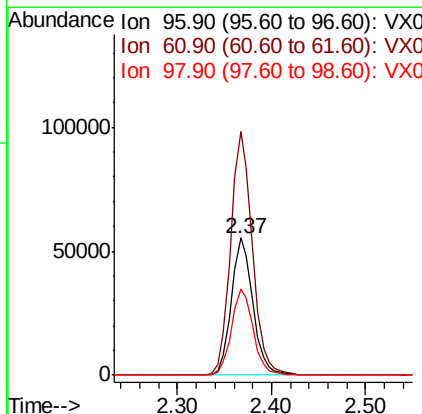
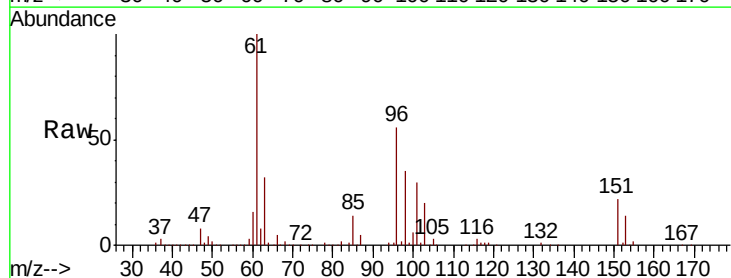
Tot Ion: 59 Resp: 139365
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.3 12.5

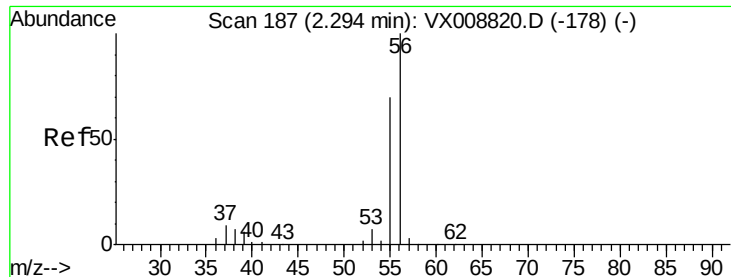


#12

1,1-Dichloroethene
 Concen: 48.667 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX008900.D
 Acq: 12 Apr 2019 20:34

Tgt Ion: 96 Resp: 87780
 Ion Ratio Lower Upper
 96 100
 61 177.7 140.9 211.3
 98 62.6 52.1 78.1

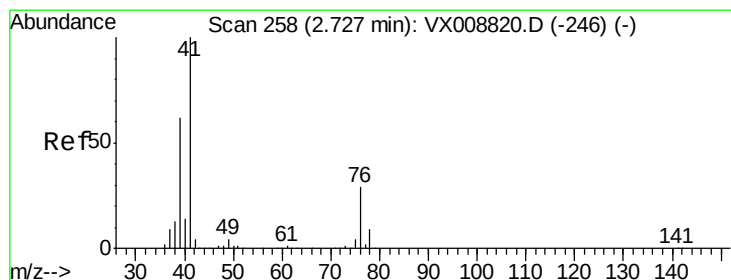
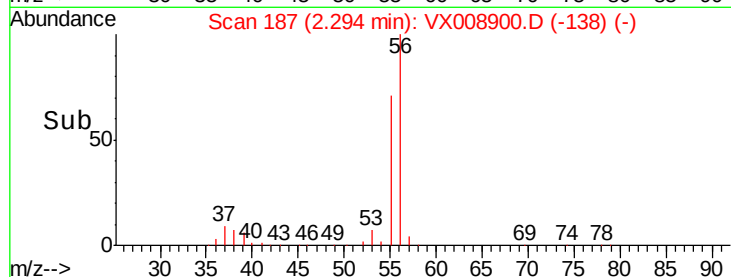
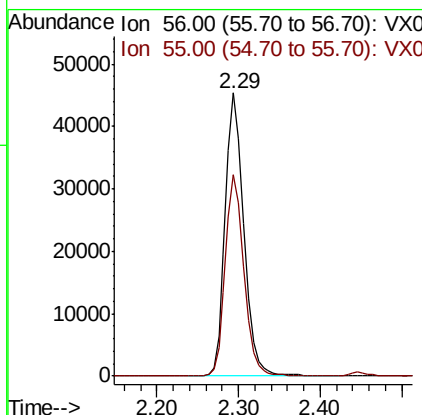
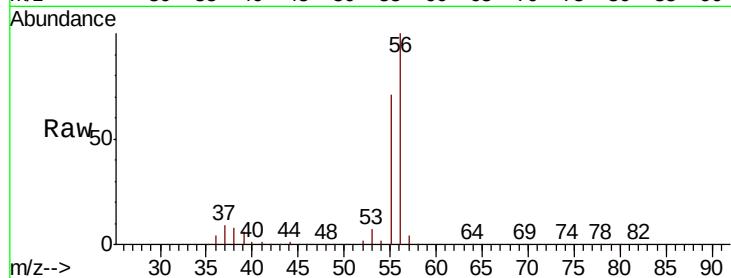




#13
Acrolein
Concen: 272.416 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX008900.D
Acq: 12 Apr 2019 20:34

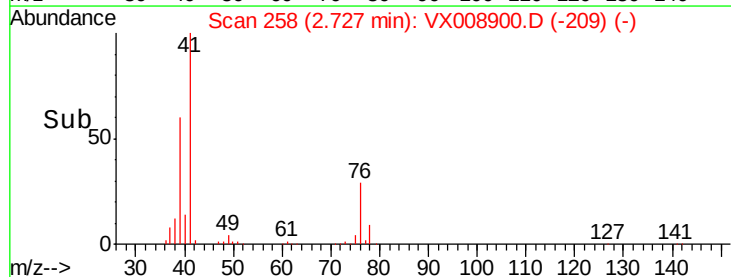
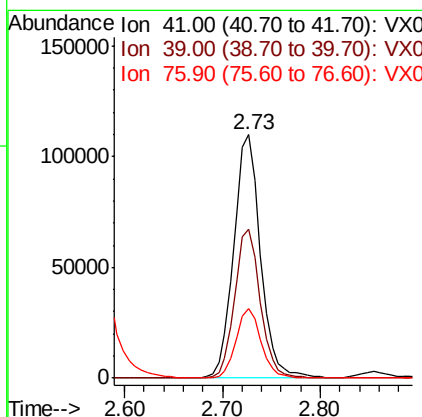
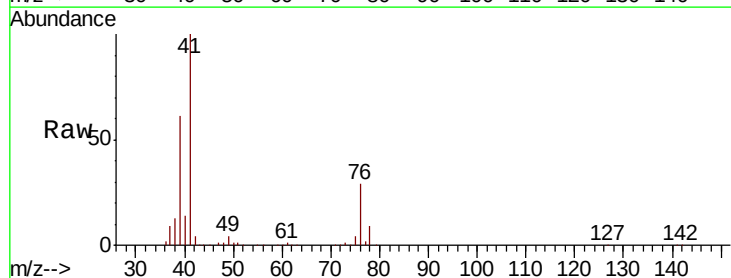
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

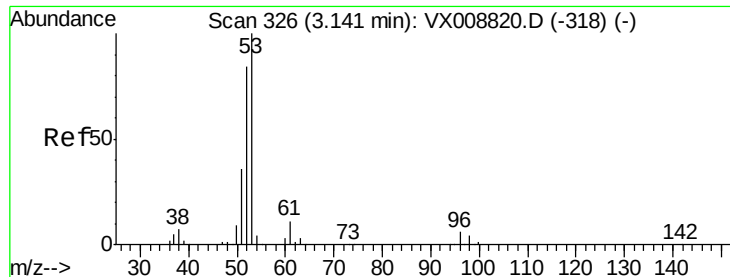
Tot Ion: 56 Resp: 71962
Ion Ratio Lower Upper
56 100
55 71.2 58.0 87.0



#14
Allyl chloride
Concen: 50.653 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX008900.D
Acq: 12 Apr 2019 20:34

Tgt Ion: 41 Resp: 209152
Ion Ratio Lower Upper
41 100
39 58.5 48.0 72.0
76 26.6 22.0 33.0





#15

Acrylonitrile

Concen: 254.769 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

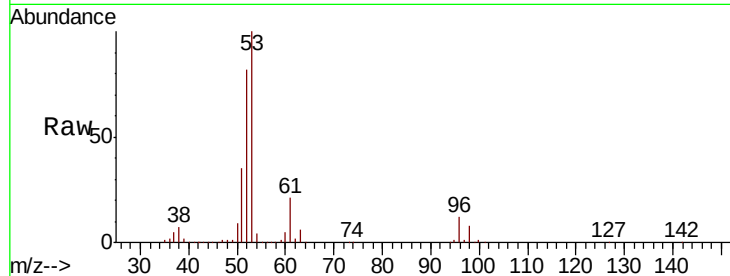
Tot Ion: 53 Resp: 359563

Ion Ratio Lower Upper

53 100

52 83.2 66.5 99.7

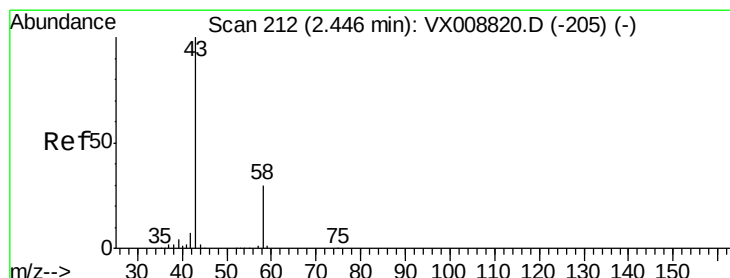
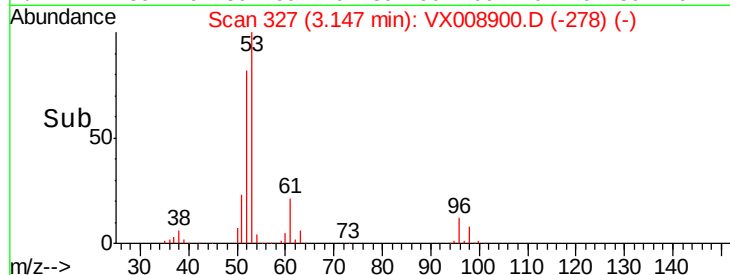
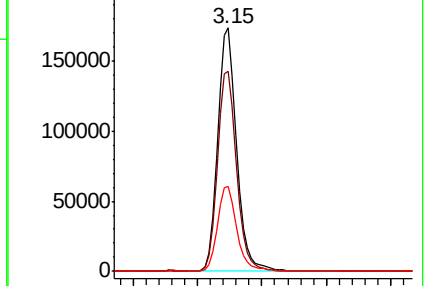
51 35.7 28.6 42.8



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: 237.258 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008900.D

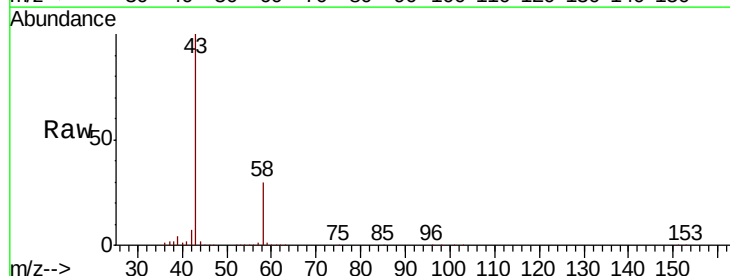
Acq: 12 Apr 2019 20:34

Tgt Ion: 43 Resp: 310967

Ion Ratio Lower Upper

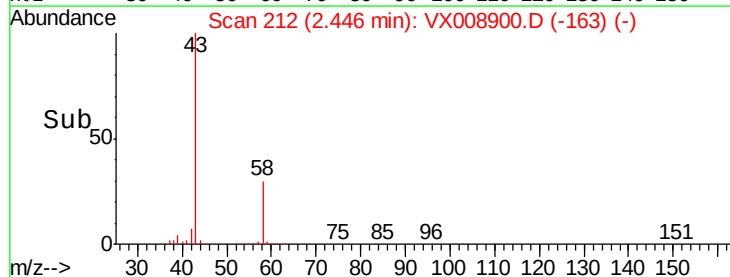
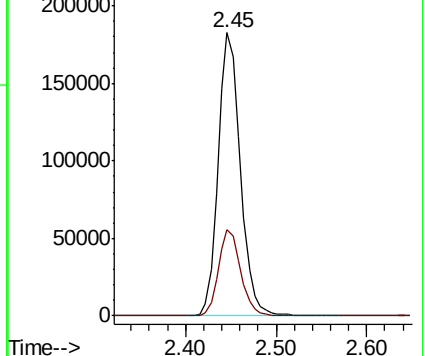
43 100

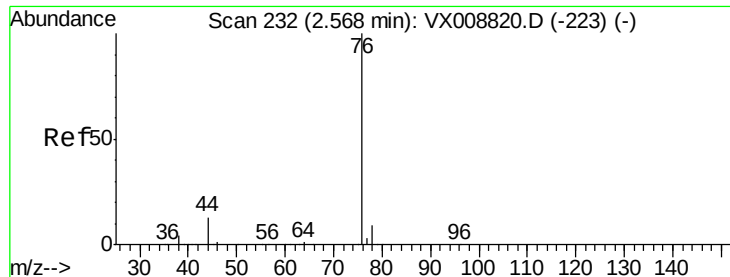
58 30.4 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 49.833 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

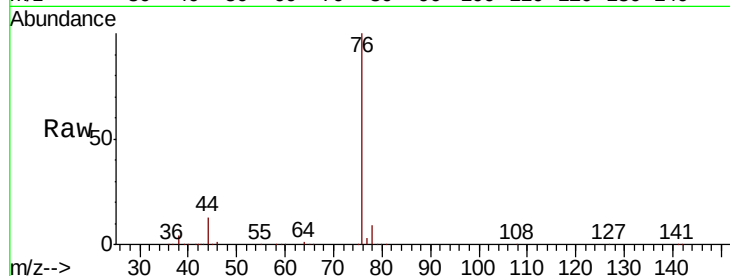
VSTDCCC050EC

Tot Ion: 76 Resp: 259567

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

150000

100000

50000

0

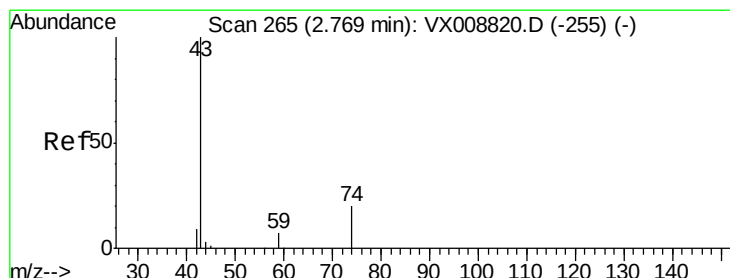
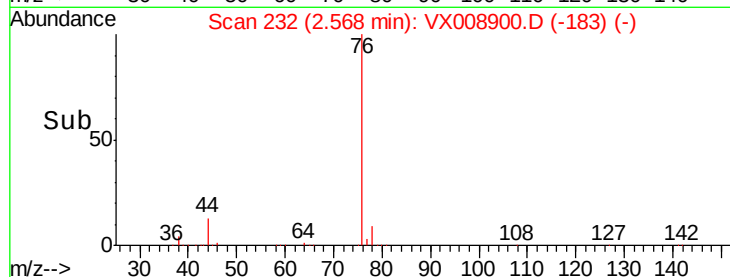
Time-->

2.50

2.60

2.70

0



#18

Methyl Acetate

Concen: 51.834 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008900.D

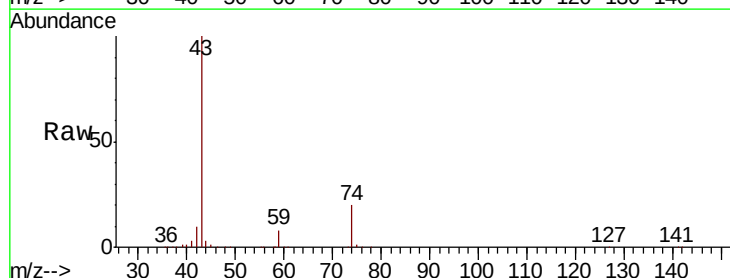
Acq: 12 Apr 2019 20:34

Tgt Ion: 43 Resp: 164766

Ion Ratio Lower Upper

43 100

74 19.4 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

100000

80000

60000

40000

20000

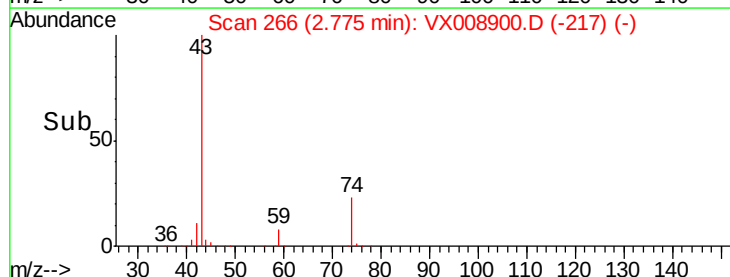
0

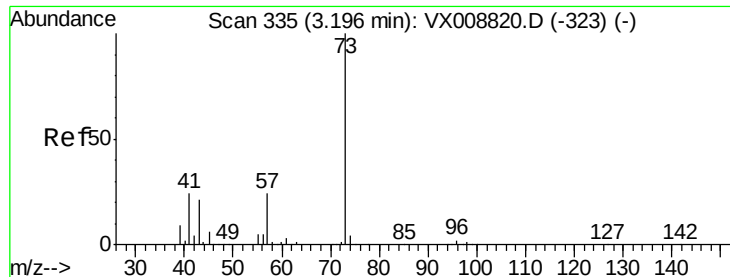
Time-->

2.70

2.80

2.90

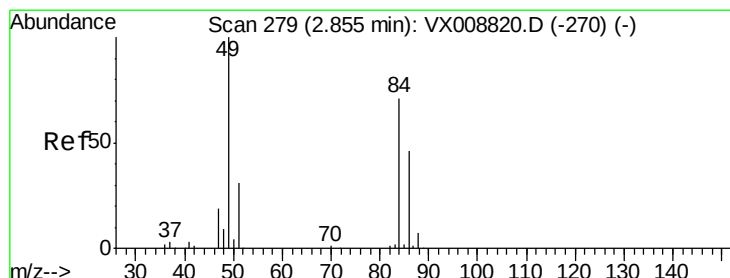
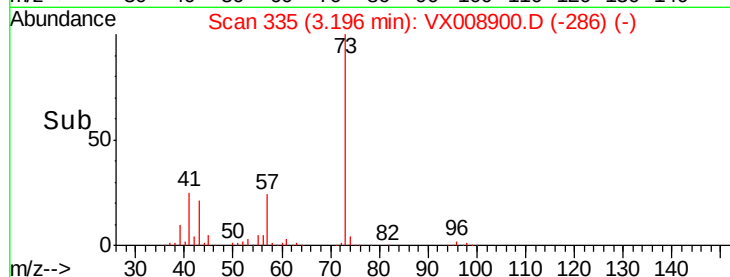
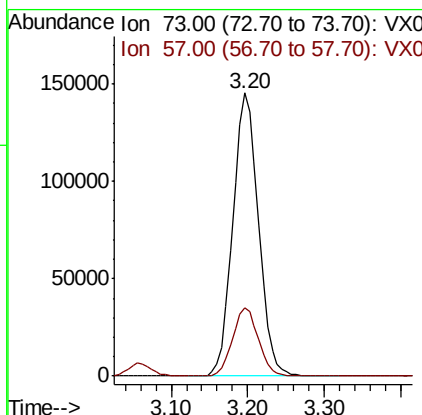
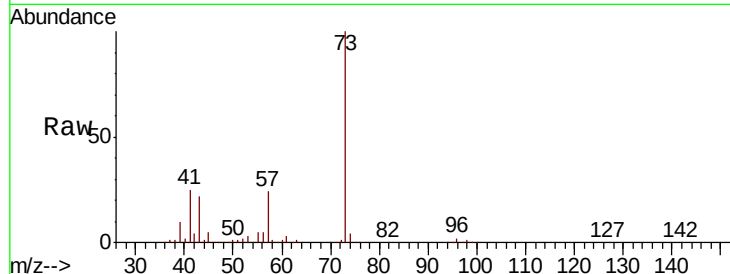




#19
Methvl tert-butyl Ether
Concen: 52.197 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008900.D
Acq: 12 Apr 2019 20:34

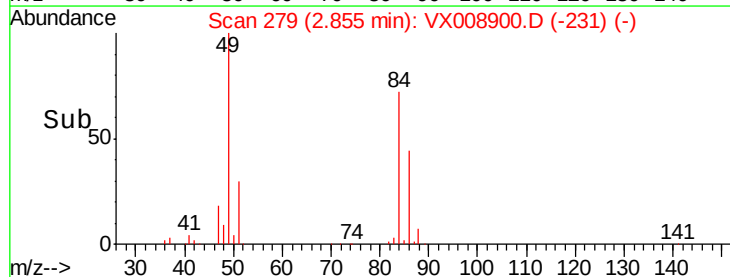
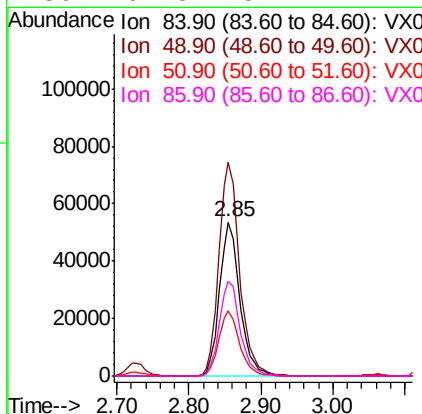
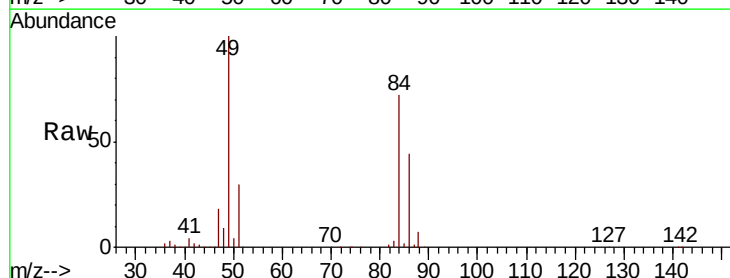
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

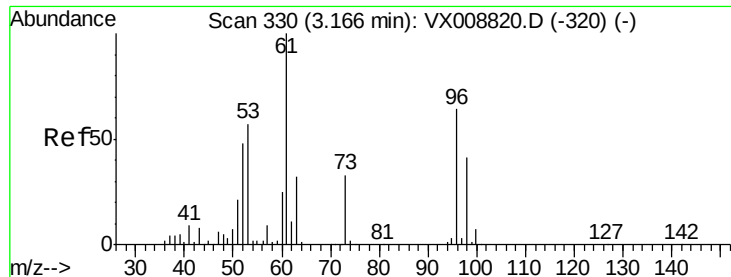
Tot Ion: 73 Resp: 336218
Ion Ratio Lower Upper
73 100
57 24.0 19.5 29.3



#20
Methylene Chloride
Concen: 47.724 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008900.D
Acq: 12 Apr 2019 20:34

Tgt Ion: 84 Resp: 104701
Ion Ratio Lower Upper
84 100
49 138.8 109.7 164.5
51 42.0 33.6 50.4
86 61.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 48.293 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

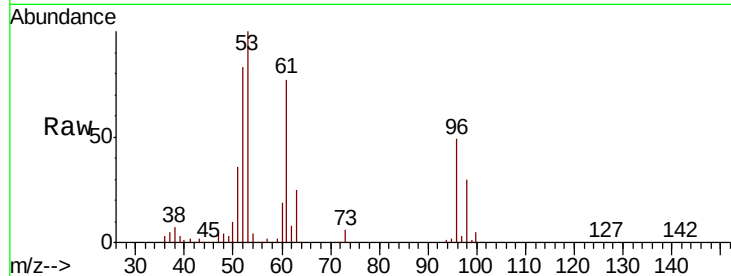
Tot Ion: 96 Resp: 94218

Ion Ratio Lower Upper

96 100

61 158.7 132.1 198.1

98 62.4 52.2 78.2

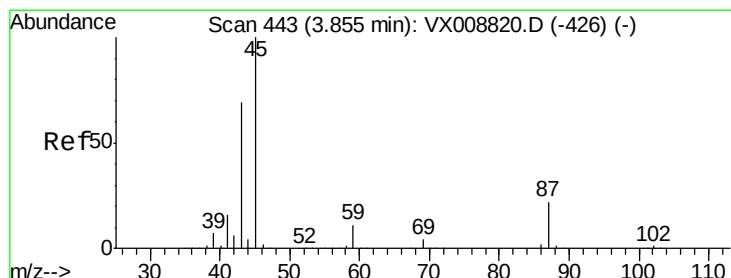
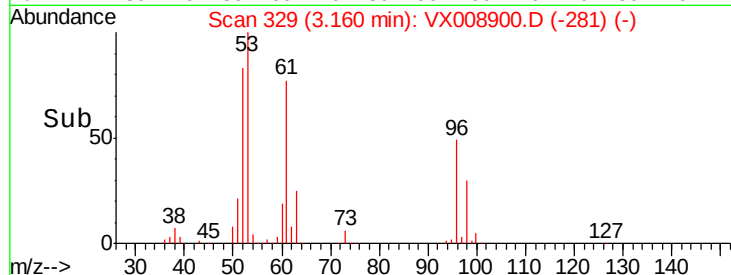
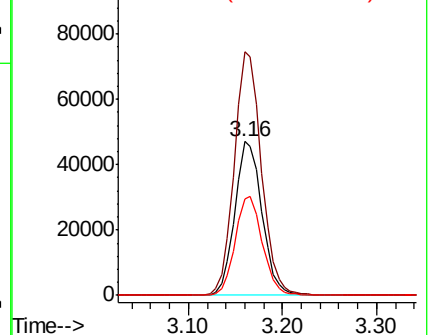


Abundance

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: 51.149 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.00 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

Tgt Ion: 45 Resp: 407062

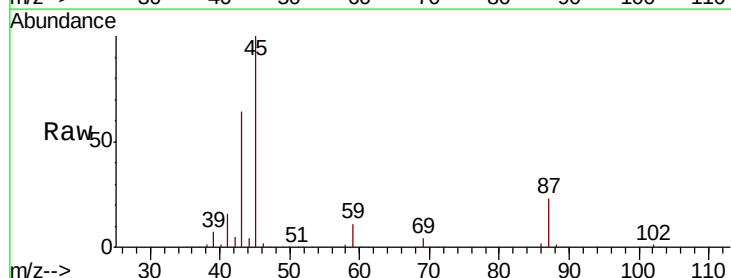
Ion Ratio Lower Upper

45 100

43 63.8 51.3 76.9

87 23.3 18.1 27.1

59 10.8 8.6 13.0



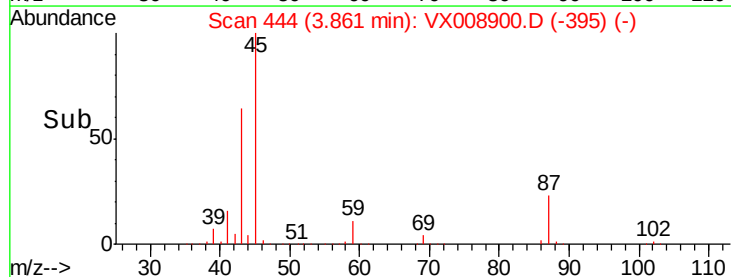
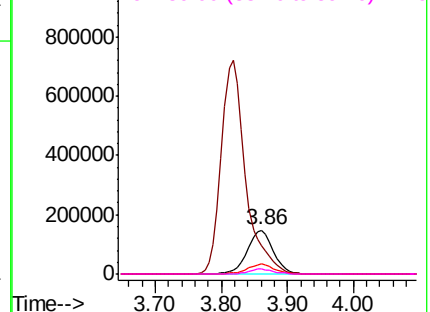
Abundance

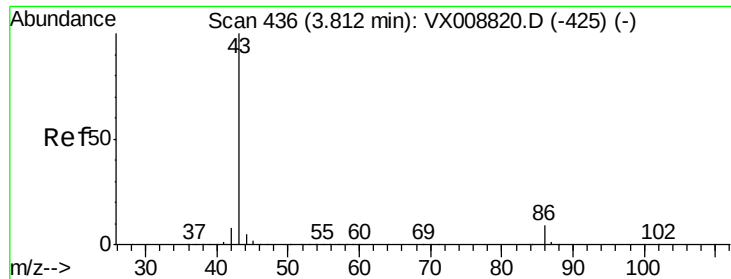
Ion 45.00 (44.70 to 45.70): VX0

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: 266.697 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

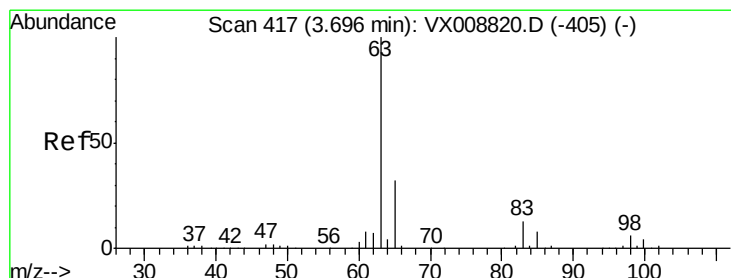
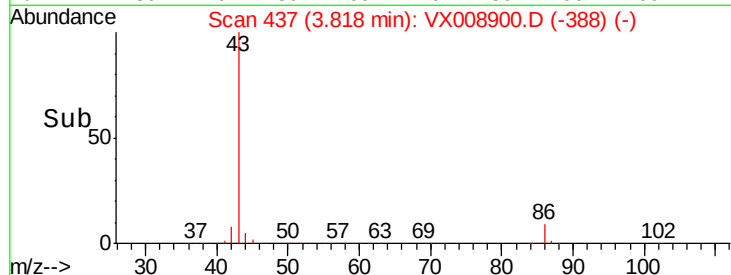
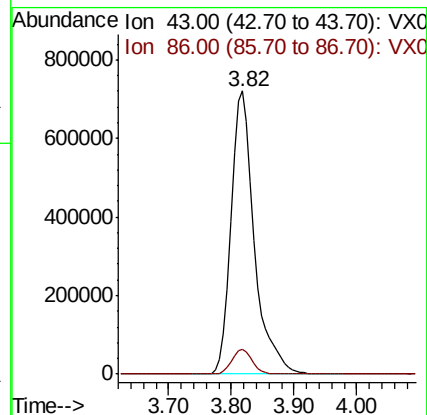
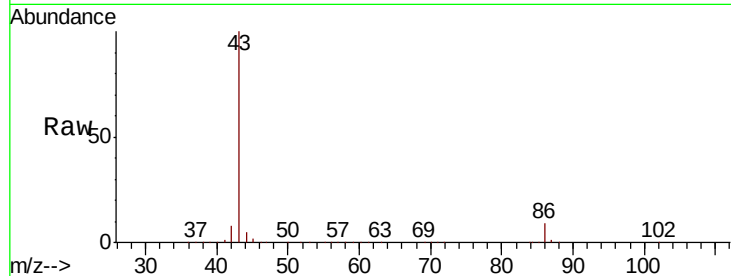
VSTDCCC050EC

Tot Ion: 43 Resp: 1846425

Ion Ratio Lower Upper

43 100

86 8.7 7.0 10.6



#24

1,1-Dichloroethane

Concen: 50.801 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

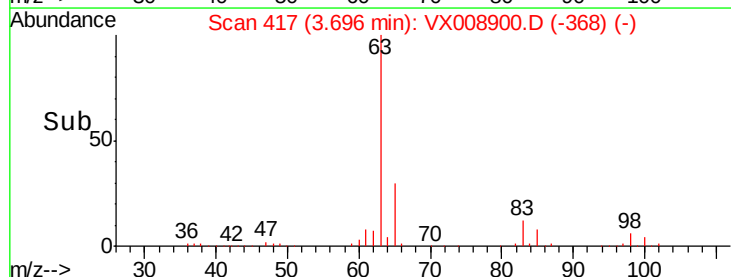
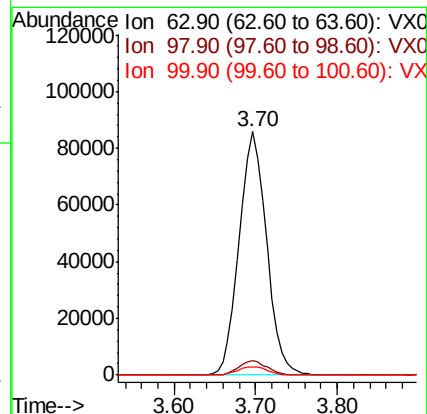
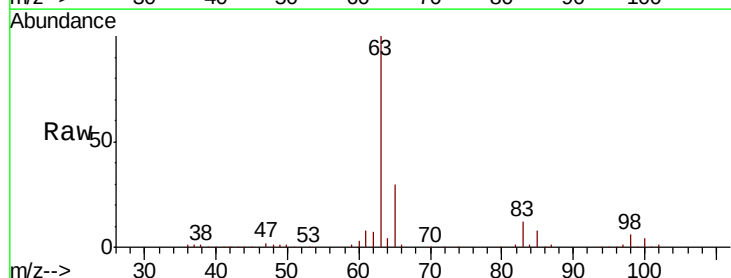
Tgt Ion: 63 Resp: 200172

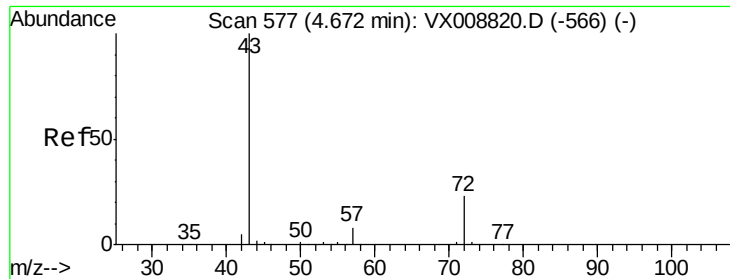
Ion Ratio Lower Upper

63 100

98 5.8 2.8 8.4

100 3.5 1.8 5.5





#25

2-Butanone

Concen: 260.541 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

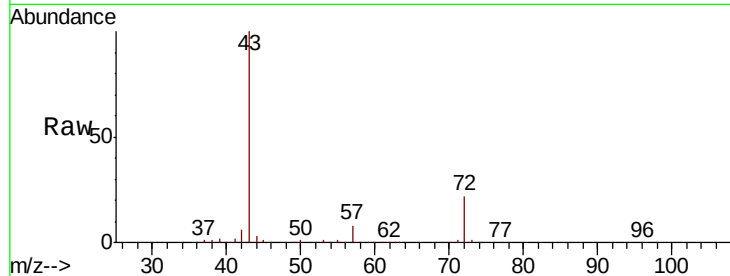
VSTDCCC050EC

Tot Ion: 43 Resp: 539724

Ion Ratio Lower Upper

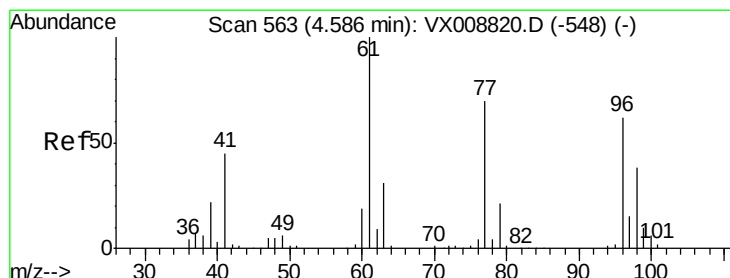
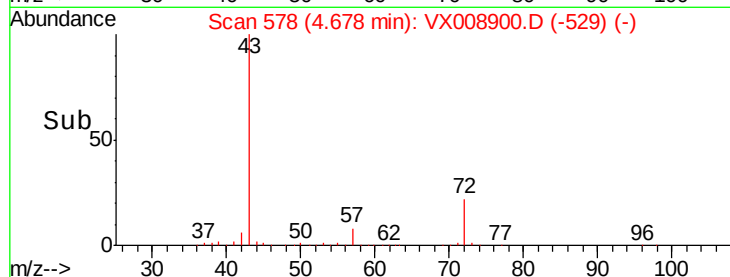
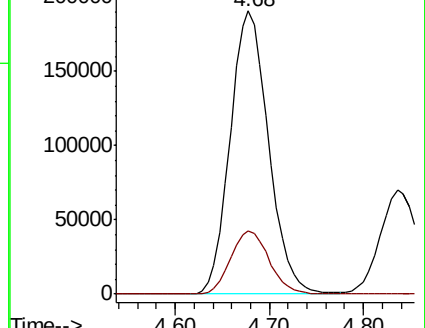
43 100

72 22.1 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 45.508 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008900.D

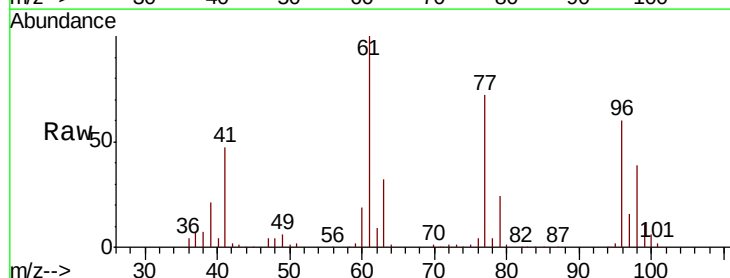
Acq: 12 Apr 2019 20:34

Tgt Ion: 77 Resp: 126294

Ion Ratio Lower Upper

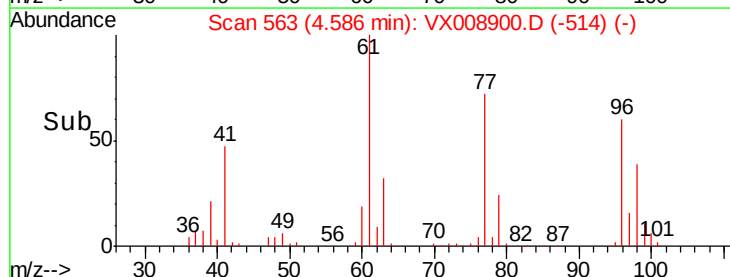
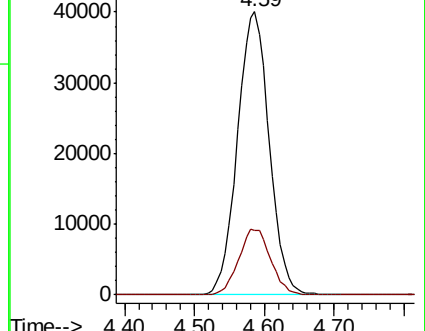
77 100

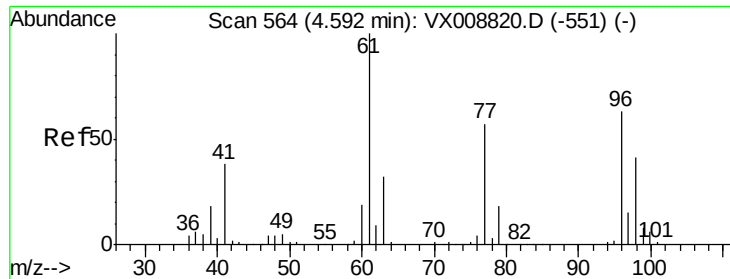
97 23.4 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



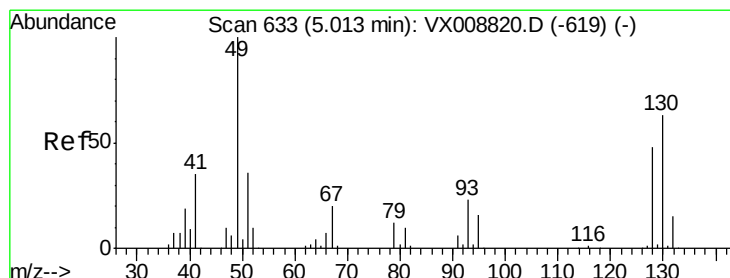
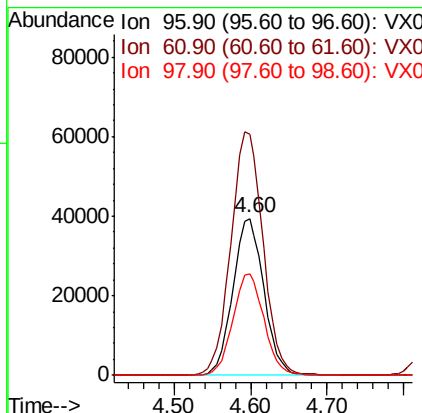
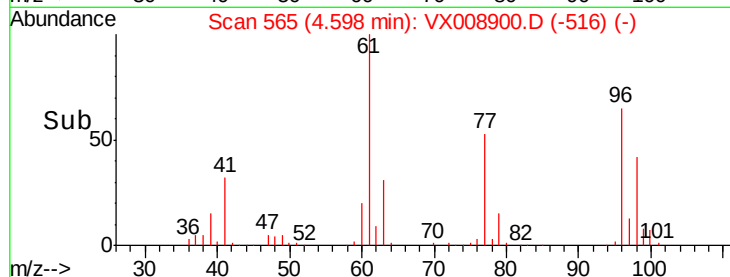
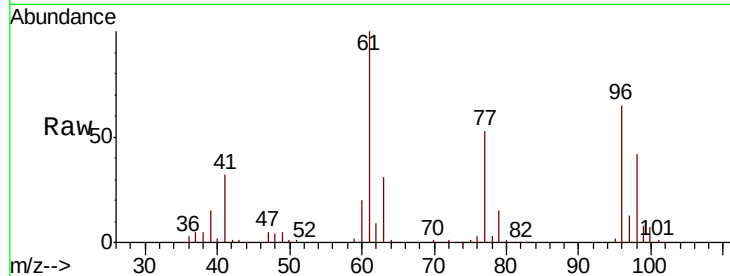


#27

cis-1,2-Dichloroethene
Concen: 49.357 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008900.D
Acq: 12 Apr 2019 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

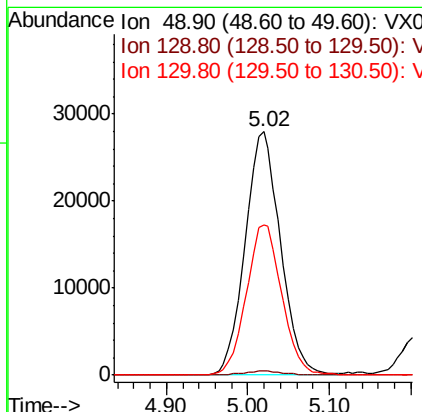
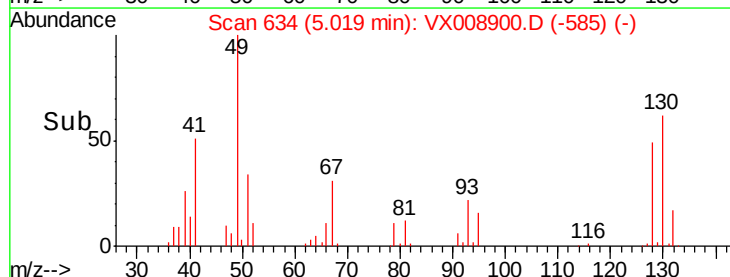
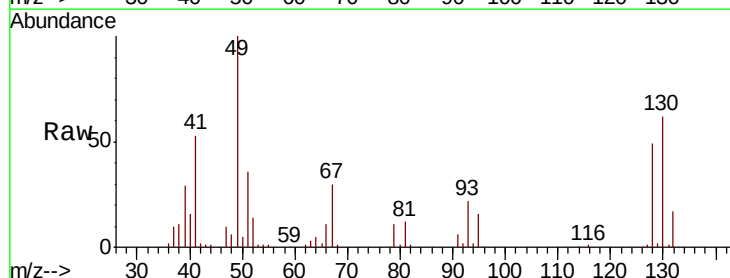
Tot Ion: 96 Resp: 110711
Ion Ratio Lower Upper
96 100
61 161.2 0.0 327.6
98 64.8 0.0 128.6

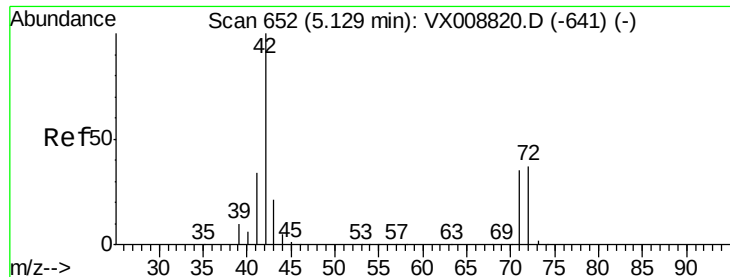


#28

Bromochloromethane
Concen: 51.515 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008900.D
Acq: 12 Apr 2019 20:34

Tgt Ion: 49 Resp: 84640
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.6
130 61.8 49.3 73.9





#29

Tetrahydrofuran

Concen: 262.587 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

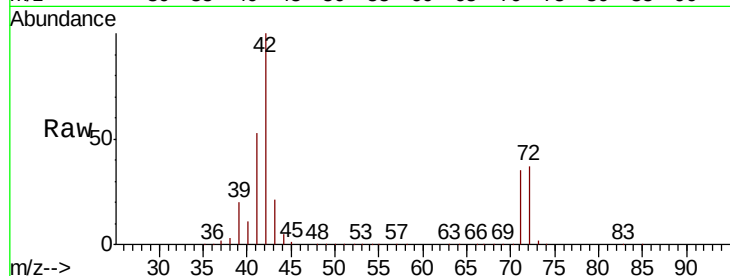
Tot Ion: 42 Resp: 361041

Ion Ratio Lower Upper

42 100

72 37.7 30.5 45.7

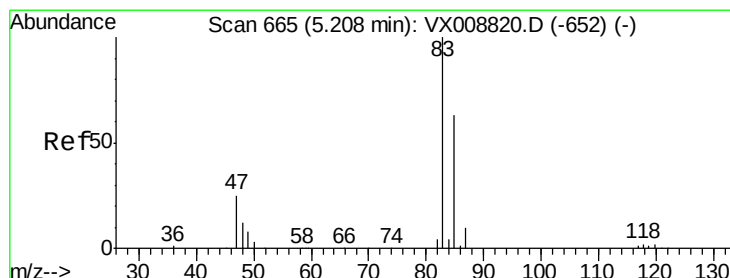
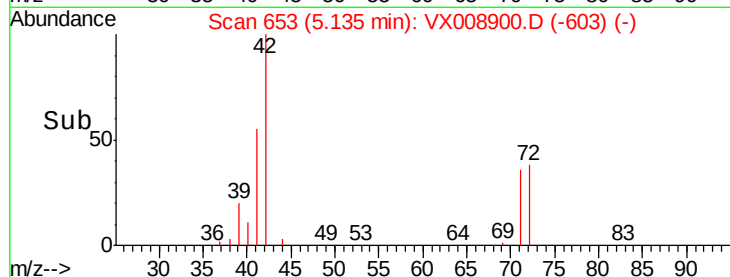
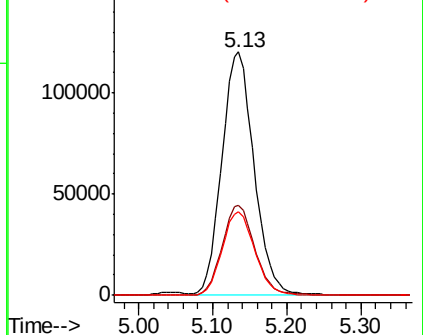
71 34.9 28.6 43.0



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: 50.740 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008900.D

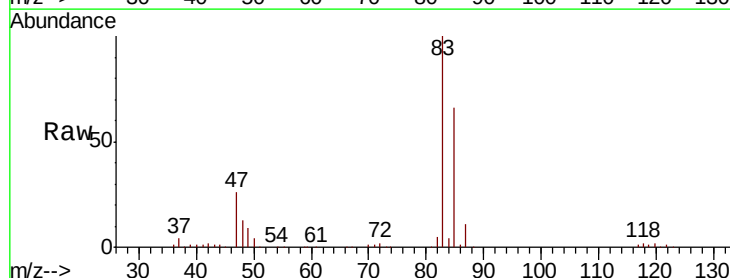
Acq: 12 Apr 2019 20:34

Tgt Ion: 83 Resp: 178572

Ion Ratio Lower Upper

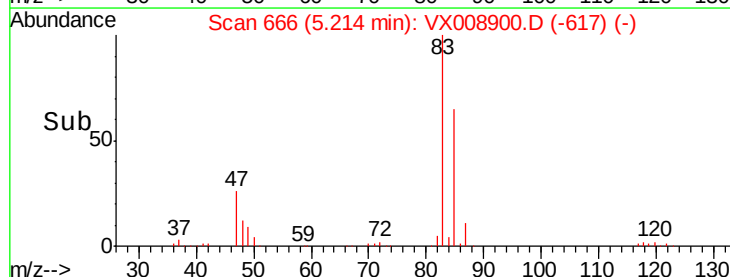
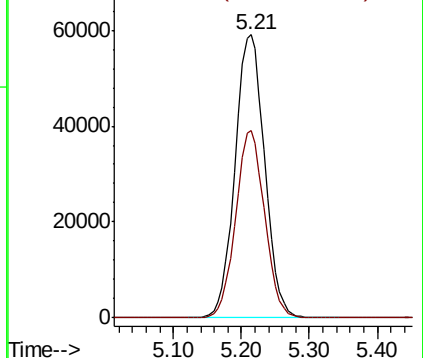
83 100

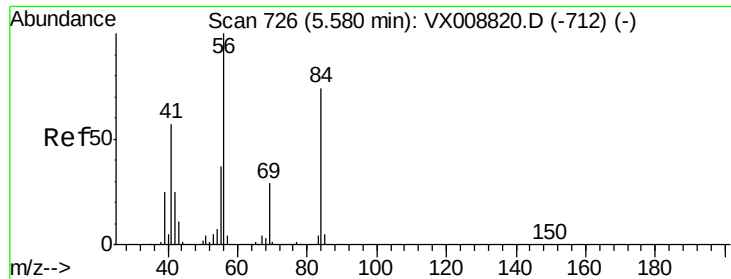
85 66.4 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

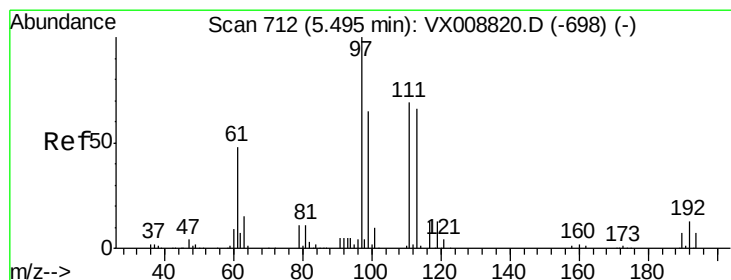
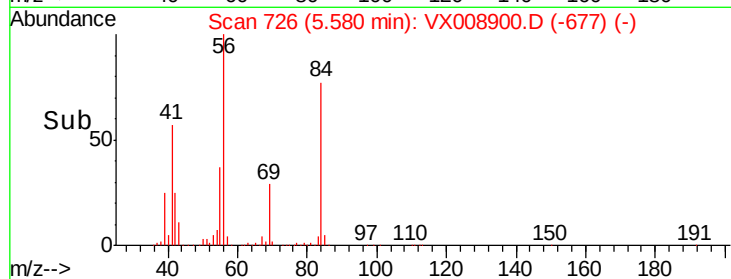
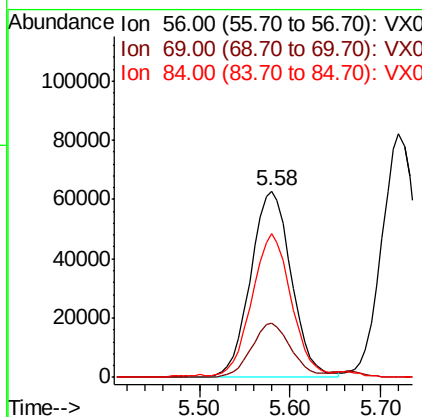
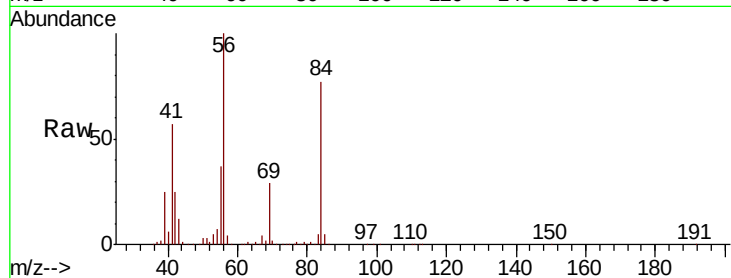




#31
Cyclohexane
Concen: 49.717 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008900.D
Acq: 12 Apr 2019 20:34

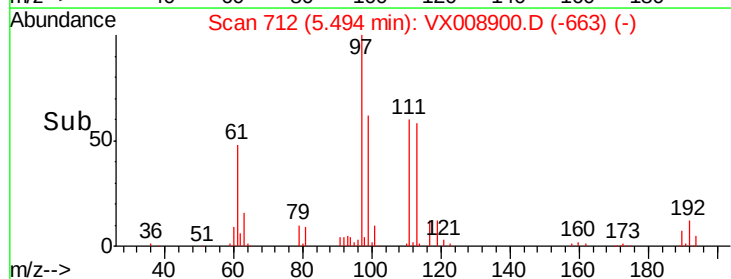
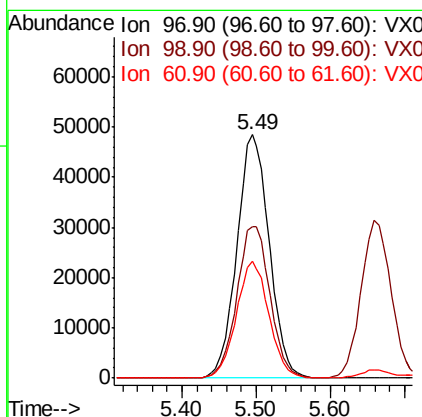
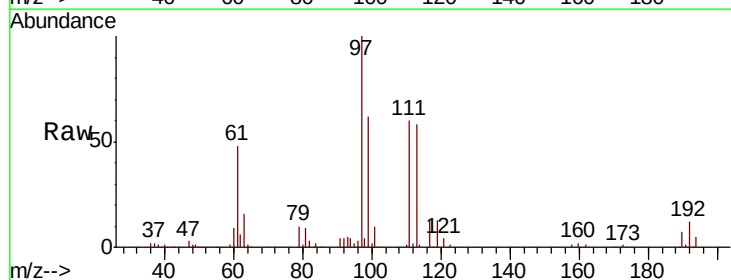
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

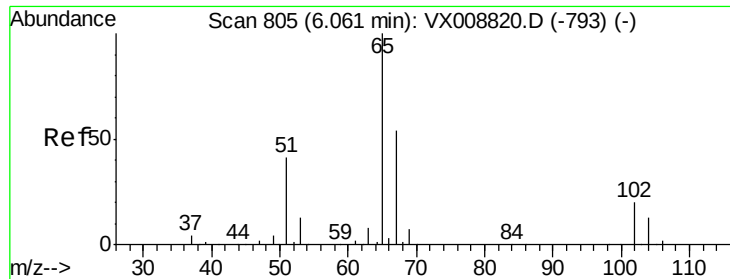
Tot Ion: 56 Resp: 195473
Ion Ratio Lower Upper
56 100
69 28.8 22.6 33.8
84 76.1 59.3 88.9



#32
1,1,1-Trichloroethane
Concen: 51.980 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX008900.D
Acq: 12 Apr 2019 20:34

Tgt Ion: 97 Resp: 147828
Ion Ratio Lower Upper
97 100
99 64.0 51.3 76.9
61 48.3 38.9 58.3

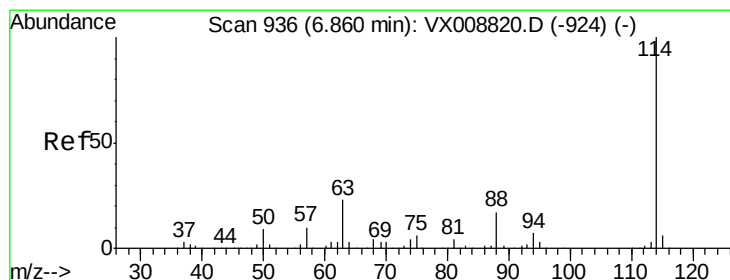
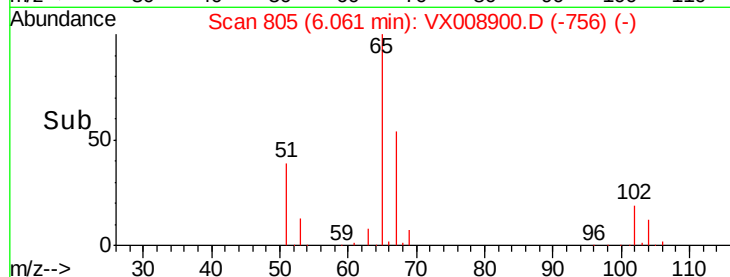
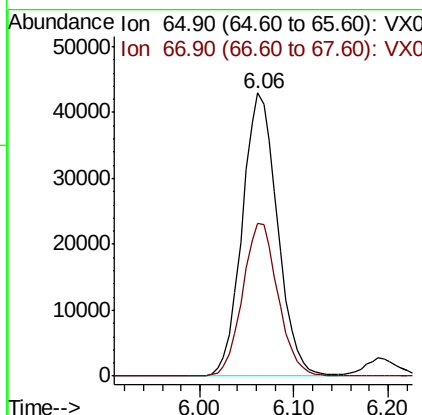
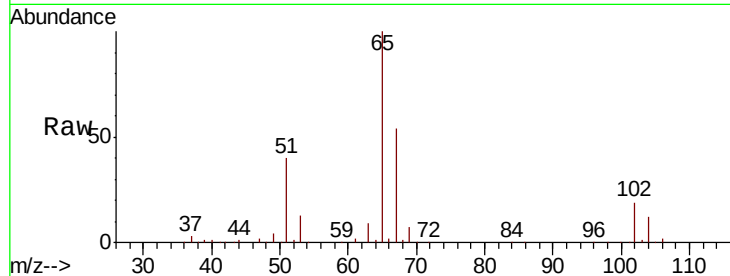




#33
 1,2-Dichloroethane-d4
 Concen: 49.463 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008900.D
 Acq: 12 Apr 2019 20:34

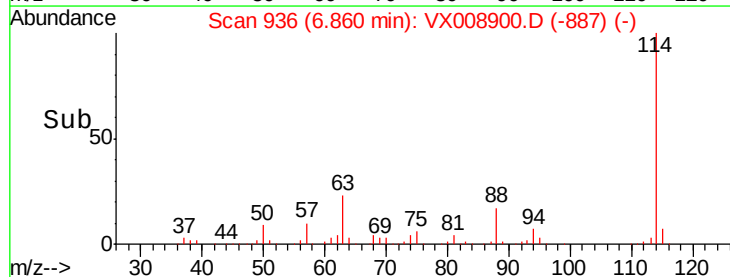
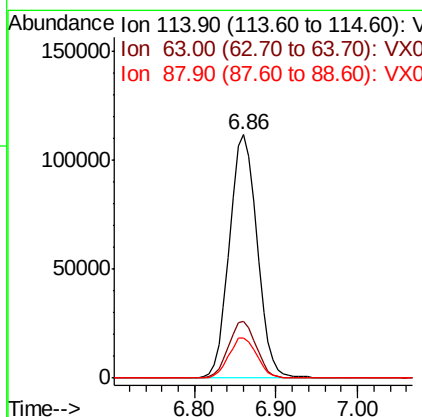
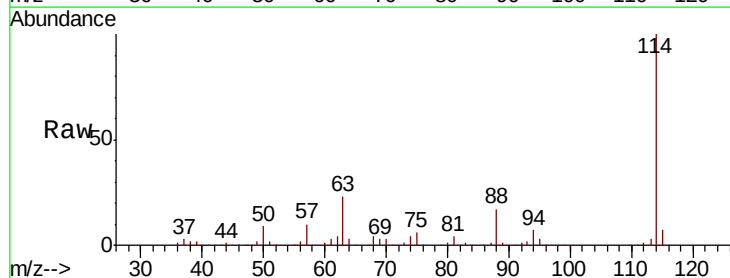
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

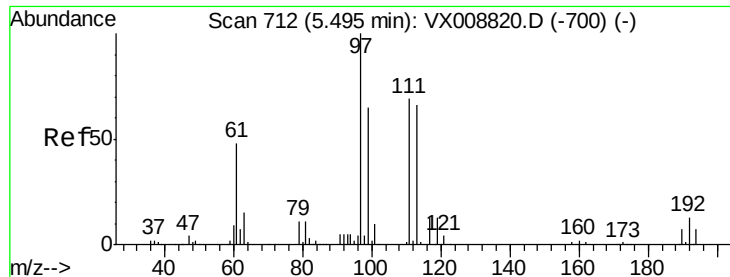
Tot Ion: 65 Resp: 112558
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008900.D
 Acq: 12 Apr 2019 20:34

Tgt Ion: 114 Resp: 262245
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 47.2
 88 16.7 0.0 34.0

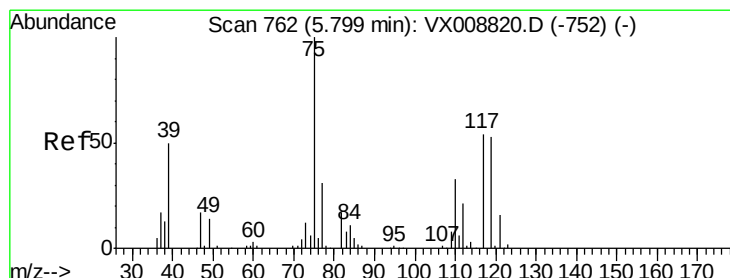
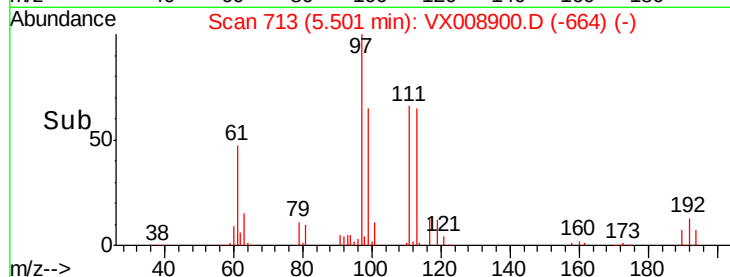
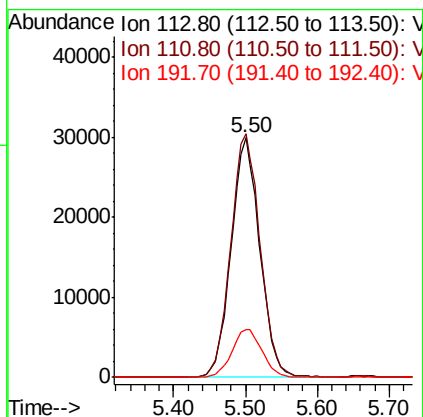
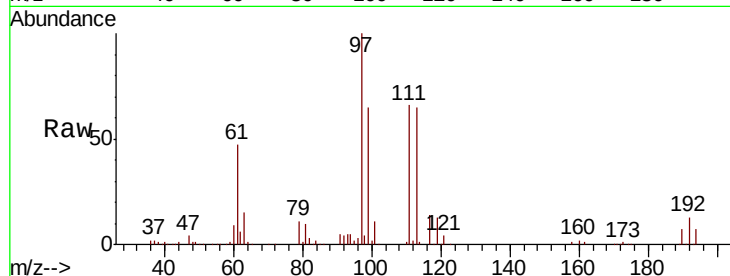




#35
 Dibromofluoromethane
 Concen: 49.447 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008900.D
 Acq: 12 Apr 2019 20:34

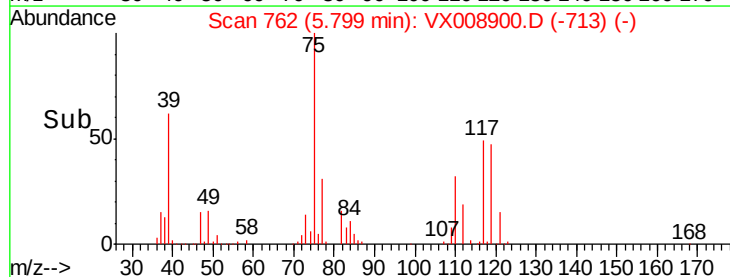
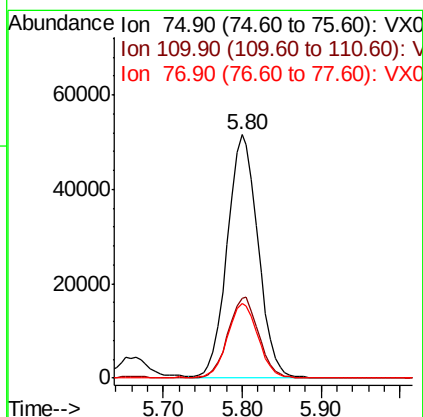
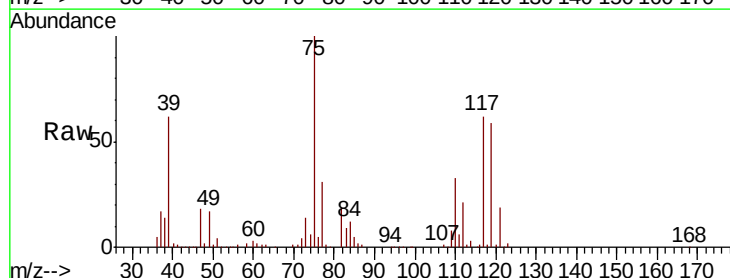
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

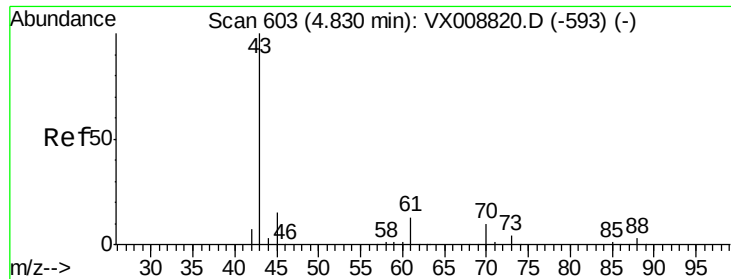
Tot Ion:113 Resp: 82908
 Ion Ratio Lower Upper
 113 100
 111 103.7 83.4 125.2
 192 21.0 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 48.606 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008900.D
 Acq: 12 Apr 2019 20:34

Tgt Ion: 75 Resp: 139335
 Ion Ratio Lower Upper
 75 100
 110 33.2 16.4 49.2
 77 30.9 24.7 37.1

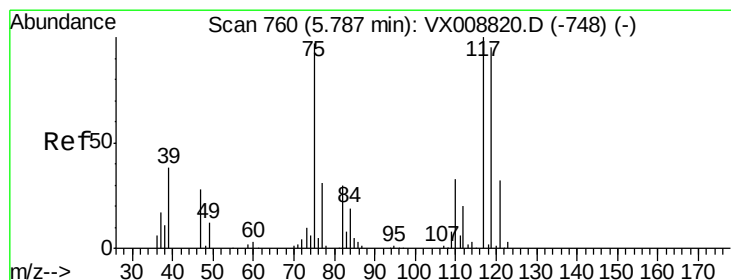
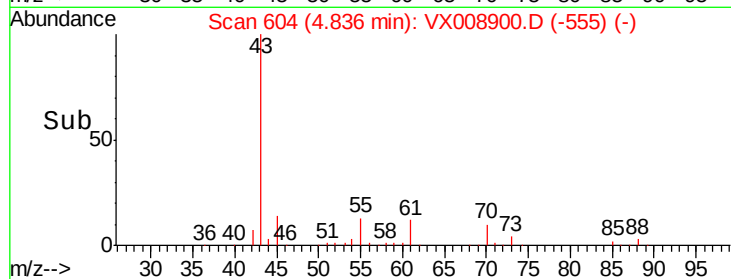
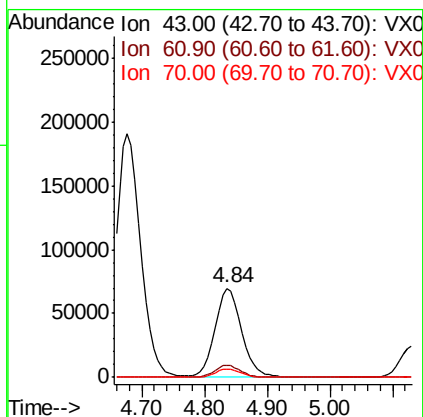
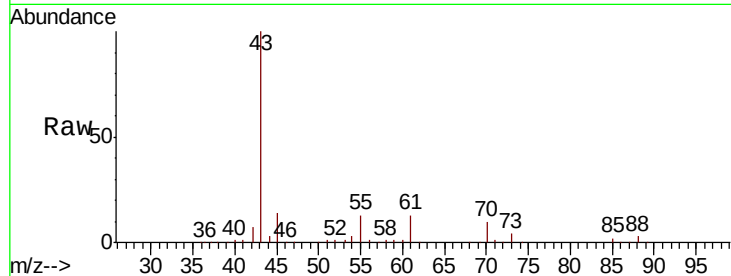




#37
Ethyl Acetate
Concen: 53.443 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008900.D
Acq: 12 Apr 2019 20:34

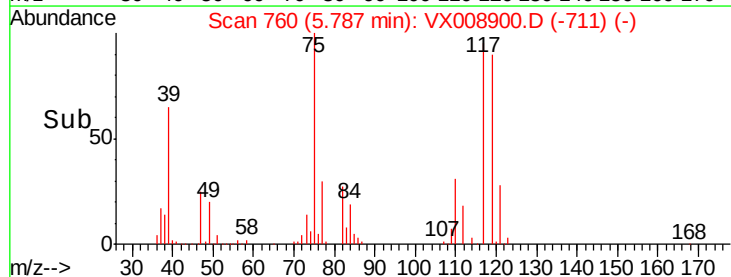
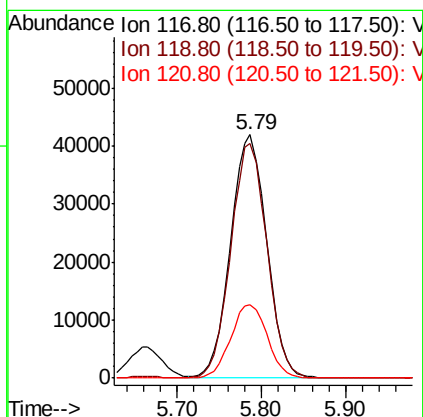
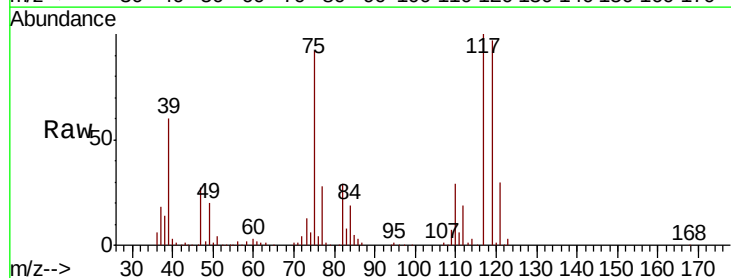
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

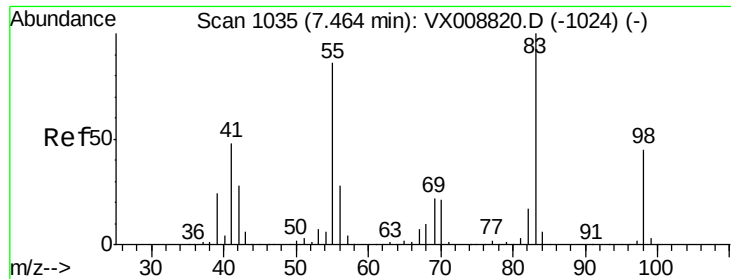
Tot Ion: 43 Resp: 204489
Ion Ratio Lower Upper
43 100
61 12.9 10.3 15.5
70 9.5 7.6 11.4



#38
Carbon Tetrachloride
Concen: 51.376 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008900.D
Acq: 12 Apr 2019 20:34

Tgt Ion: 117 Resp: 121894
Ion Ratio Lower Upper
117 100
119 96.5 75.0 112.6
121 30.2 24.3 36.5

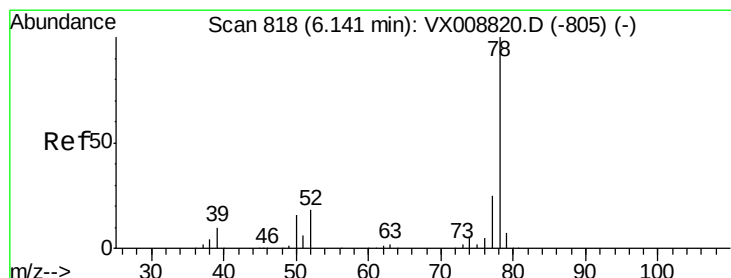
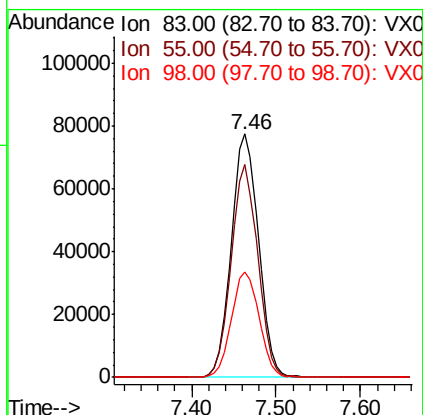
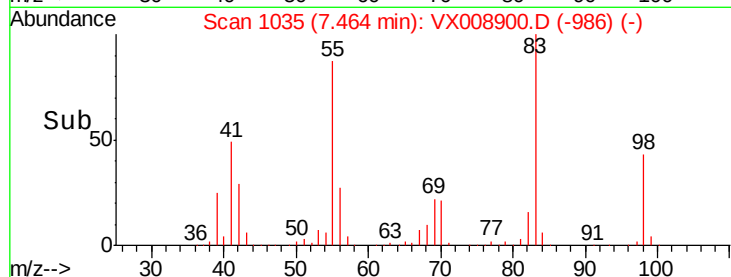
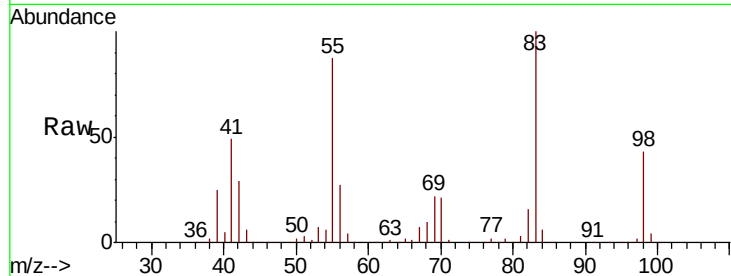




#39
Methylvlcyclohexane
Concen: 47.725 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008900.D
Acq: 12 Apr 2019 20:34

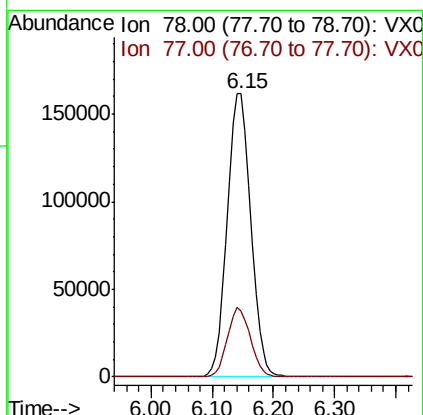
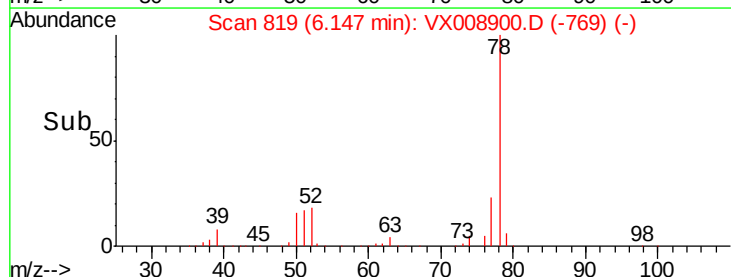
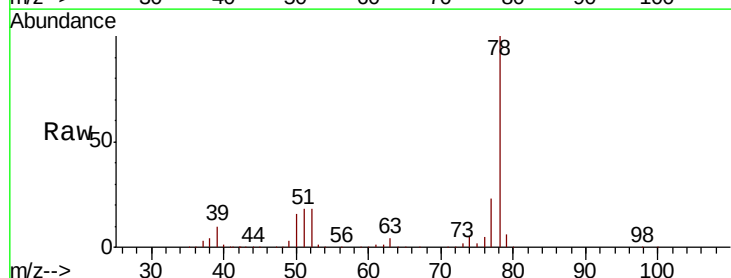
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

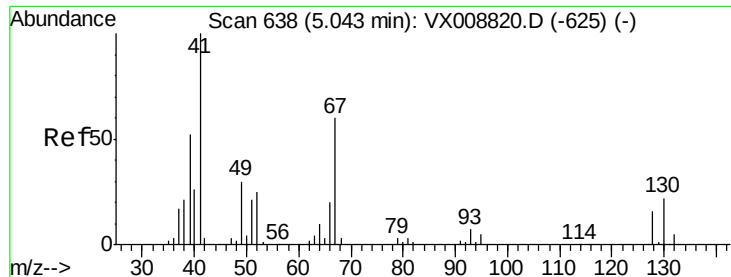
Tot Ion: 83 Resp: 169004
Ion Ratio Lower Upper
83 100
55 87.5 69.0 103.6
98 43.1 34.4 51.6



#40
Benzene
Concen: 50.228 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX008900.D
Acq: 12 Apr 2019 20:34

Tgt Ion: 78 Resp: 428945
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7





#41

Methacrylonitrile

Concen: 51.142 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 112481

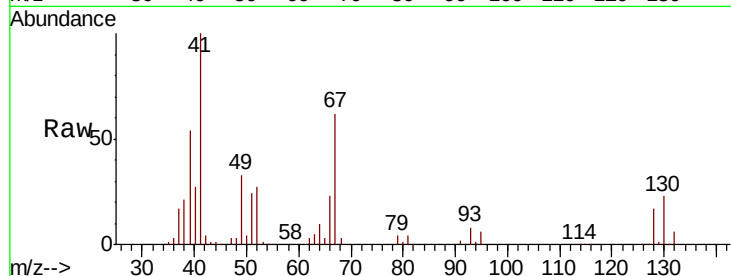
Ion Ratio Lower Upper

41 100

39 52.8 42.1 63.1

67 64.0 51.0 76.6

52 27.4 21.4 32.0

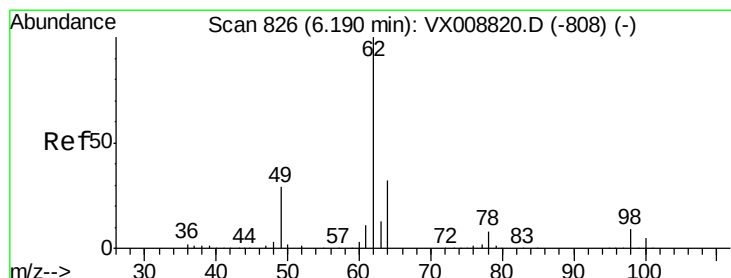
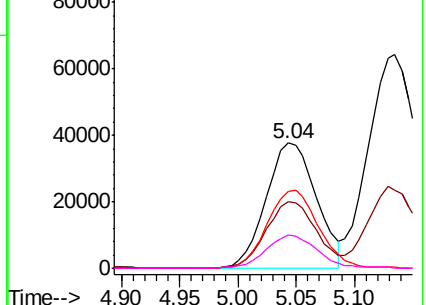
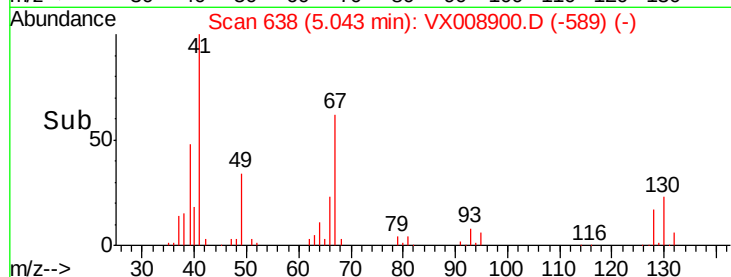


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.848 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX008900.D

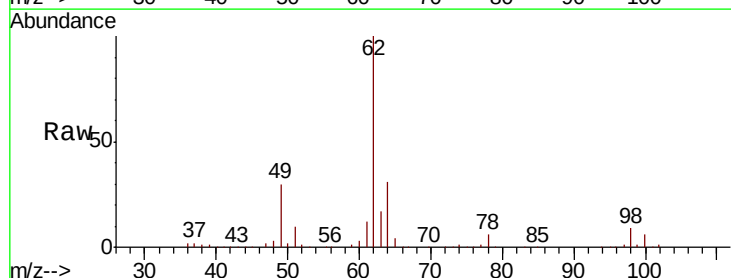
Acq: 12 Apr 2019 20:34

Tgt Ion: 62 Resp: 152613

Ion Ratio Lower Upper

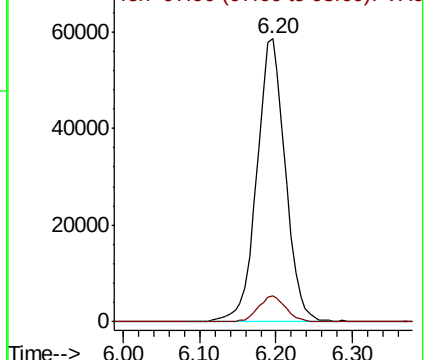
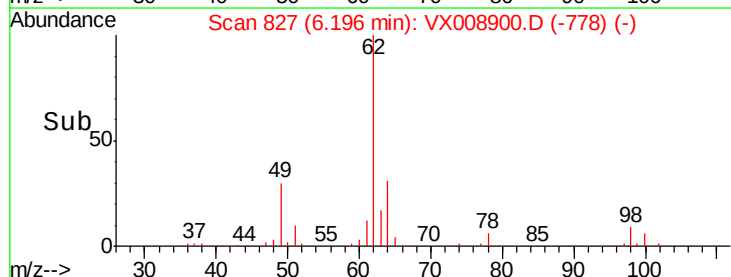
62 100

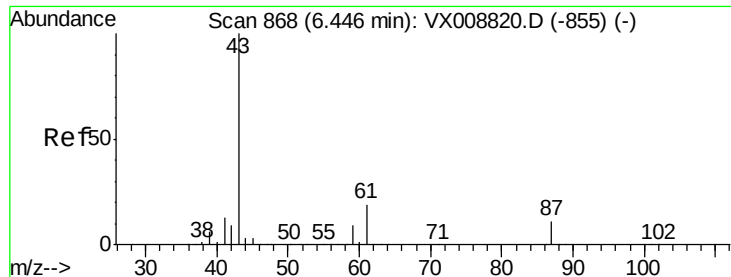
98 8.9 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.841 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

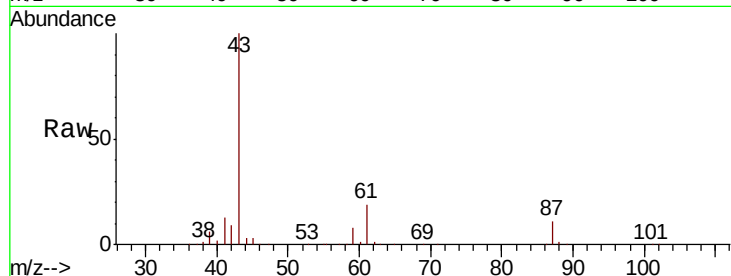
Tot Ion: 43 Resp: 316724

Ion Ratio Lower Upper

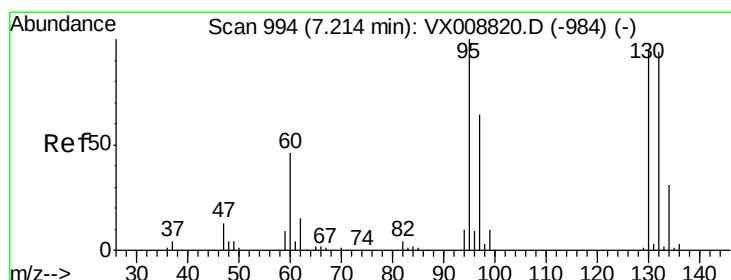
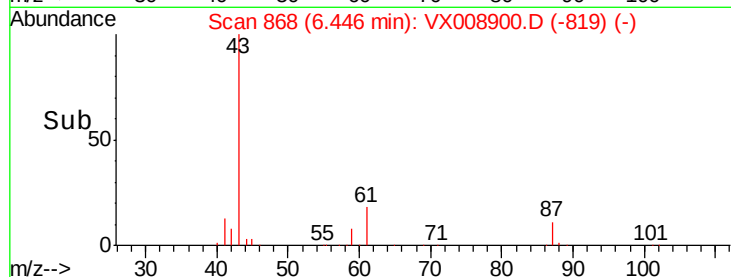
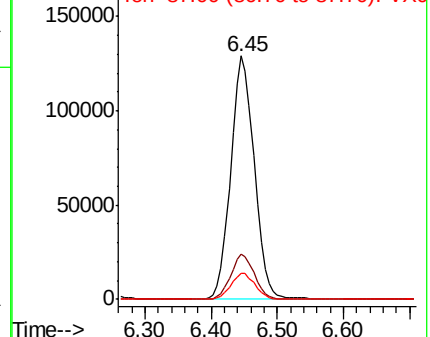
43 100

61 18.7 15.3 22.9

87 11.1 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.504 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008900.D

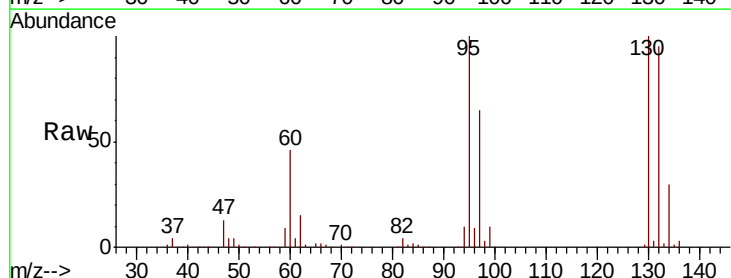
Acq: 12 Apr 2019 20:34

Tgt Ion:130 Resp: 100452

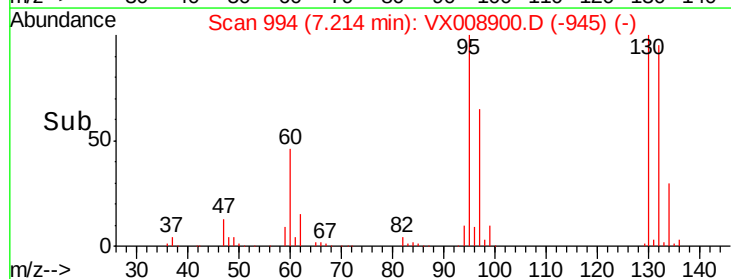
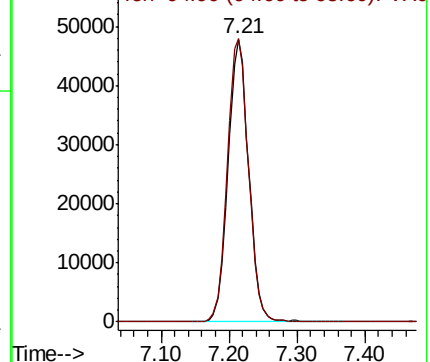
Ion Ratio Lower Upper

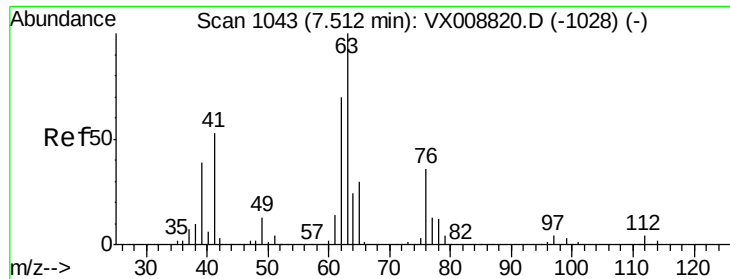
130 100

95 100.3 0.0 209.8



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

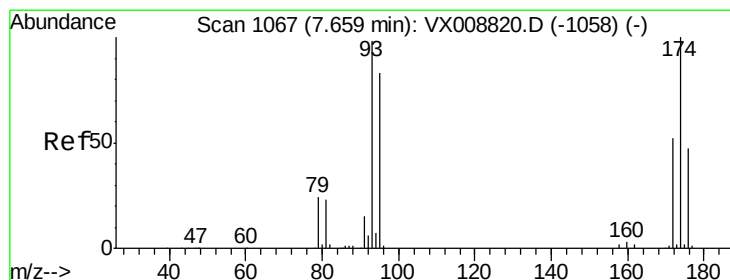
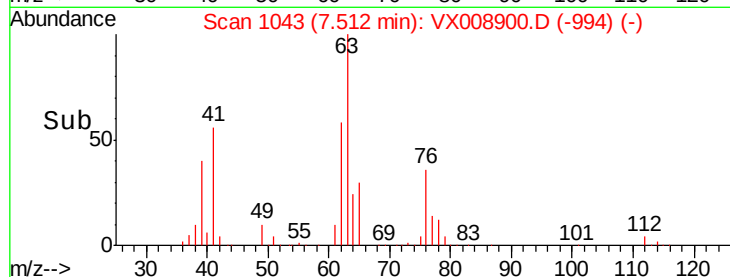
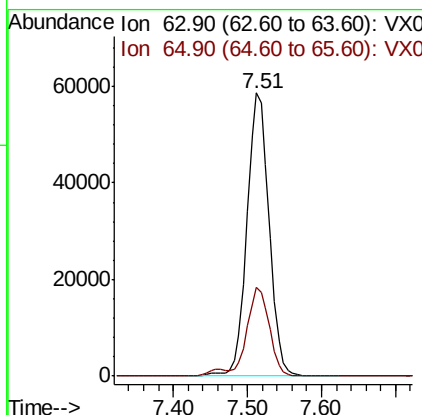
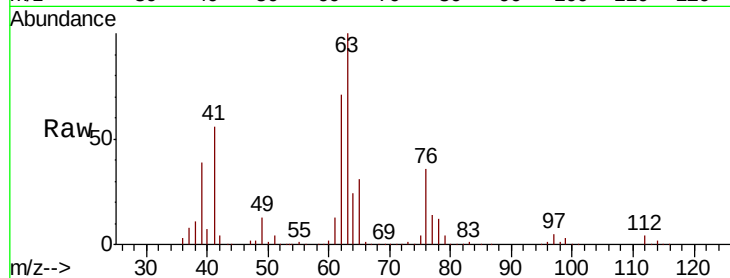




#45
 1,2-Dichloropropane
 Concen: 50.387 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008900.D
 Acq: 12 Apr 2019 20:34

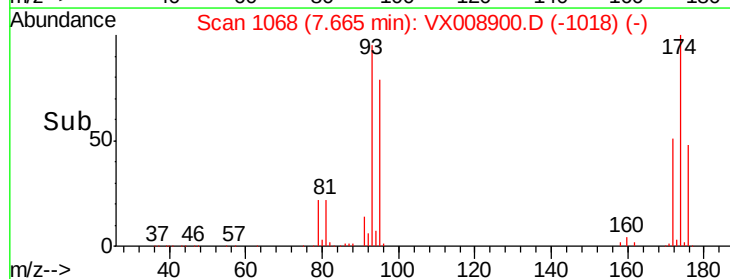
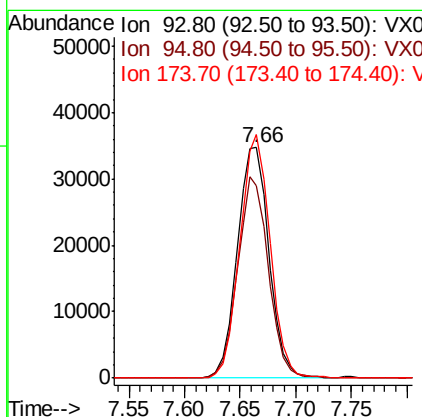
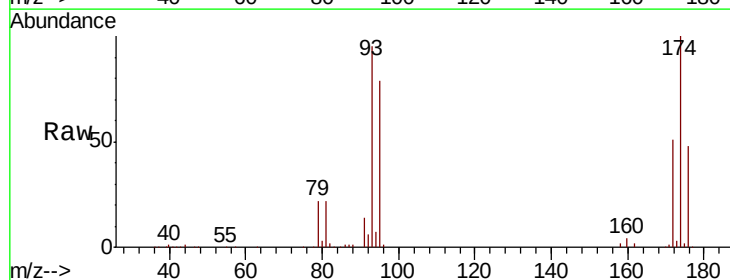
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

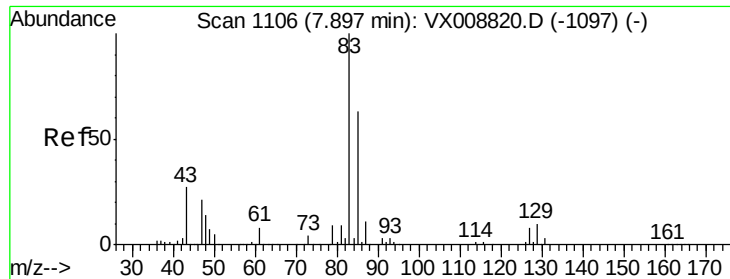
Tot Ion: 63 Resp: 122818
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.2 36.4



#46
 Dibromomethane
 Concen: 48.457 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX008900.D
 Acq: 12 Apr 2019 20:34

Tgt Ion: 93 Resp: 68505
 Ion Ratio Lower Upper
 93 100
 95 84.6 66.6 99.8
 174 101.4 77.7 116.5





#47

Bromodichloromethane

Concen: 51.653 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

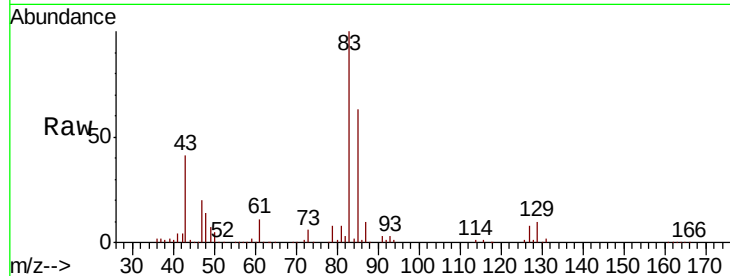
Tot Ion: 83 Resp: 137684

Ion Ratio Lower Upper

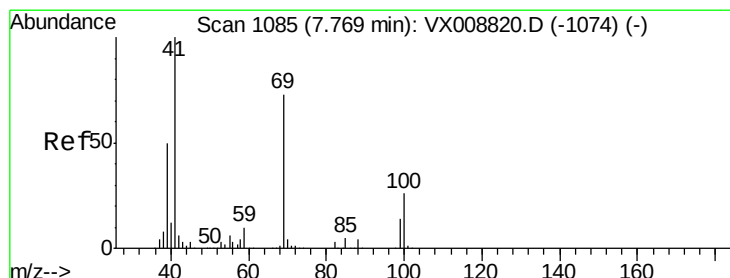
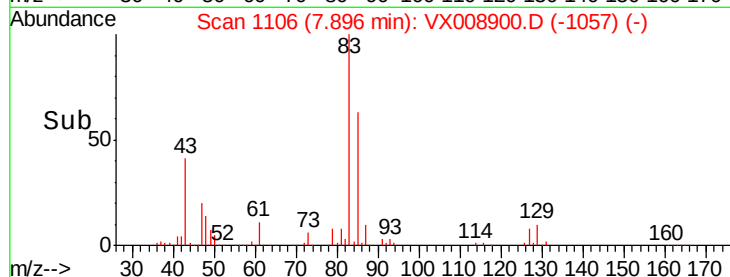
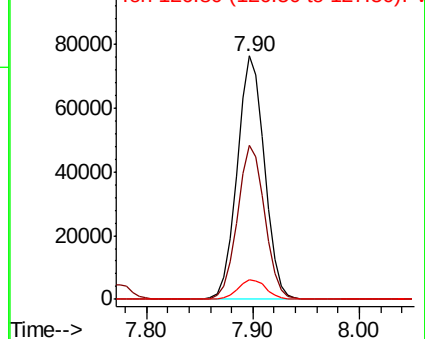
83 100

85 63.0 51.2 76.8

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: 52.394 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

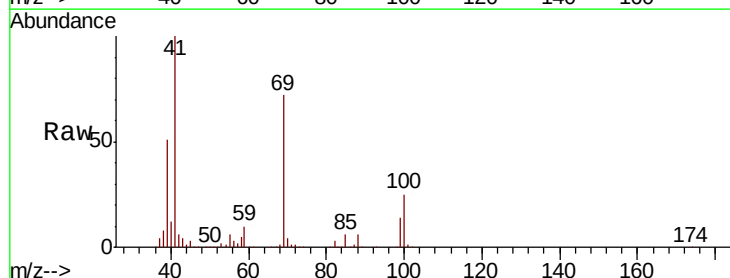
Tgt Ion: 41 Resp: 158861

Ion Ratio Lower Upper

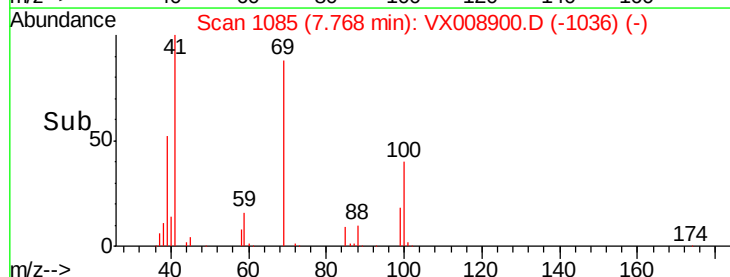
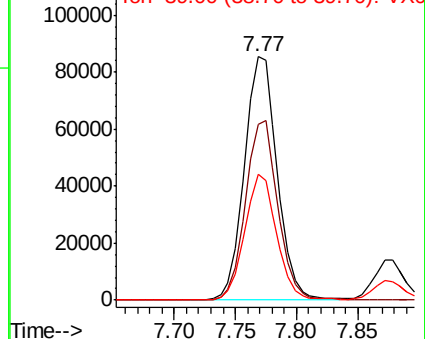
41 100

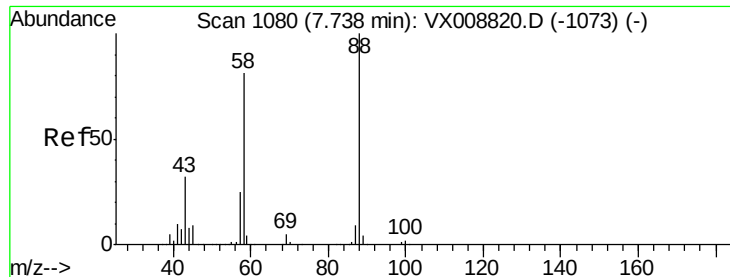
69 73.1 59.0 88.4

39 50.6 41.0 61.4



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

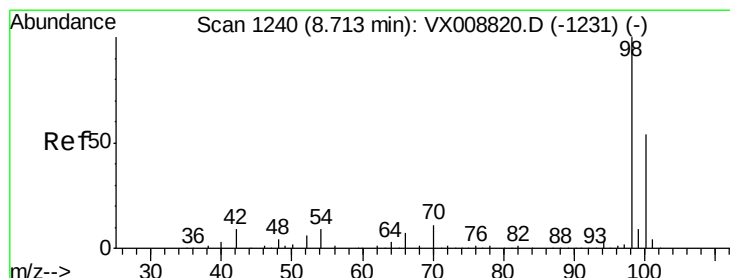
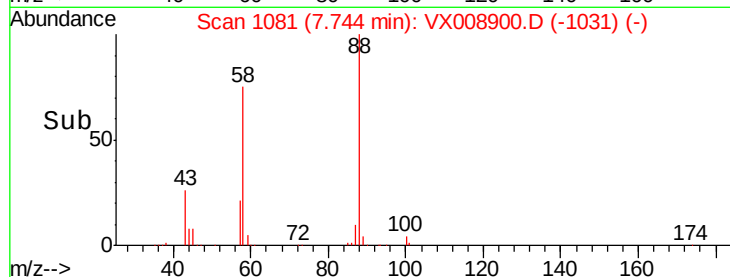
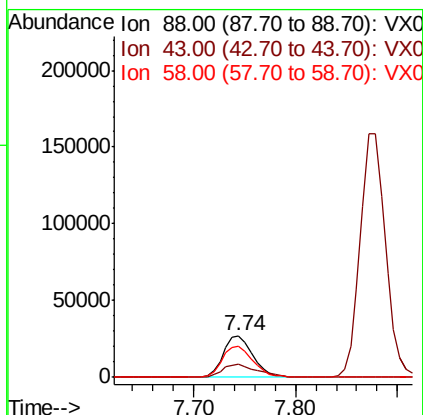
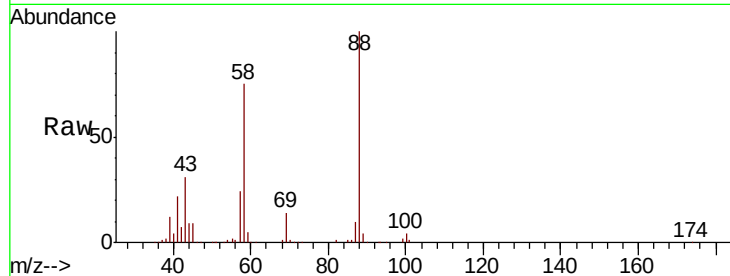




#49
 1,4-Dioxane
 Concen: 974.181 ug/l
 RT: 7.74 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: VX008900.D
 Acq: 12 Apr 2019 20:34

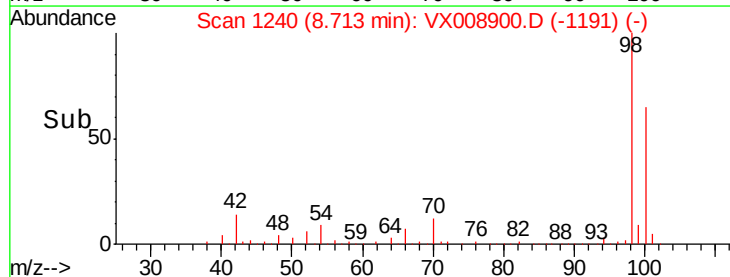
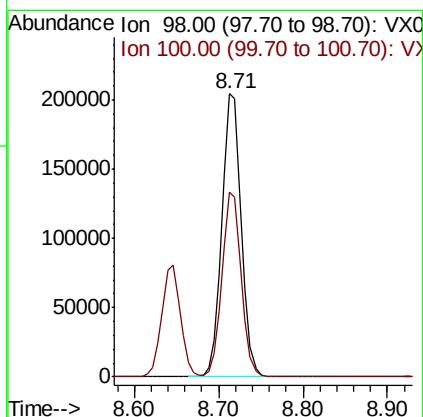
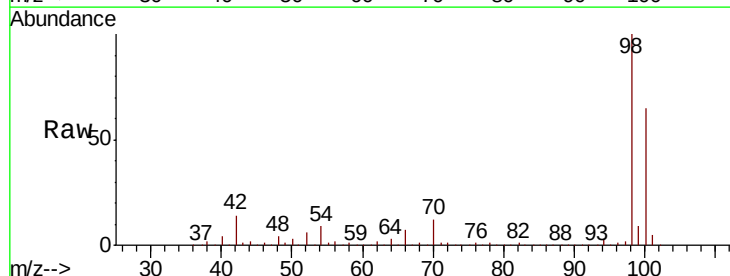
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

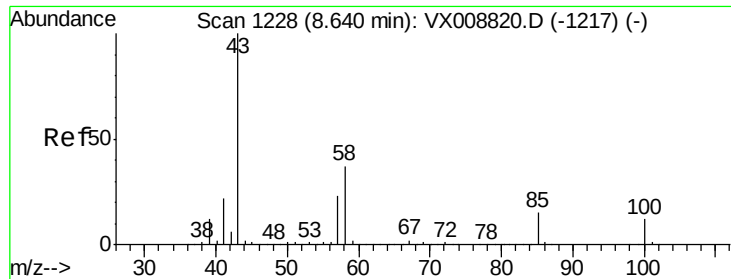
Tot Ion: 88 Resp: 55332
 Ion Ratio Lower Upper
 88 100
 43 36.5 28.6 43.0
 58 78.2 62.2 93.2



#50
 Toluene-d8
 Concen: 48.724 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008900.D
 Acq: 12 Apr 2019 20:34

Tgt Ion: 98 Resp: 325286
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.4 77.0

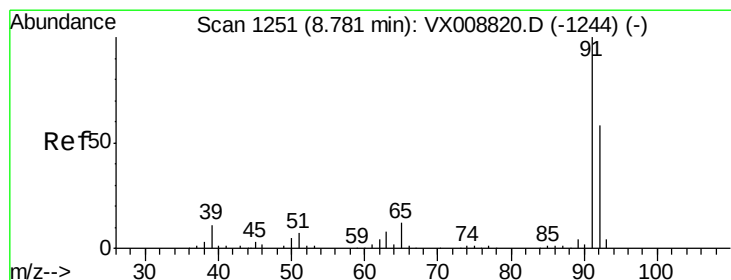
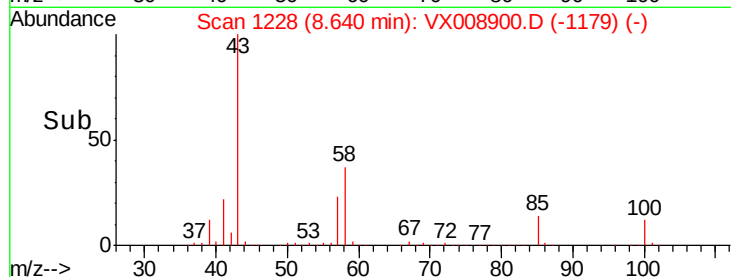
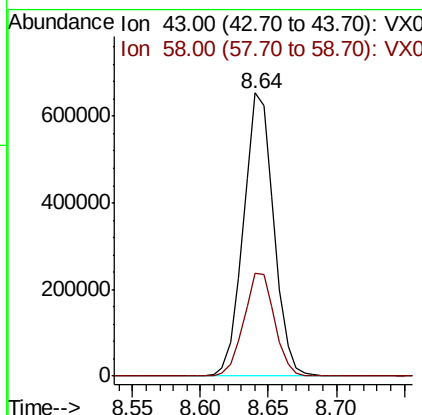
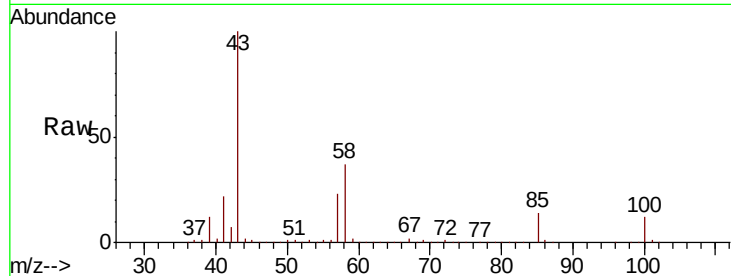




#51
4-Methyl-2-Pentanone
Concen: 263.241 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008900.D
Acq: 12 Apr 2019 20:34

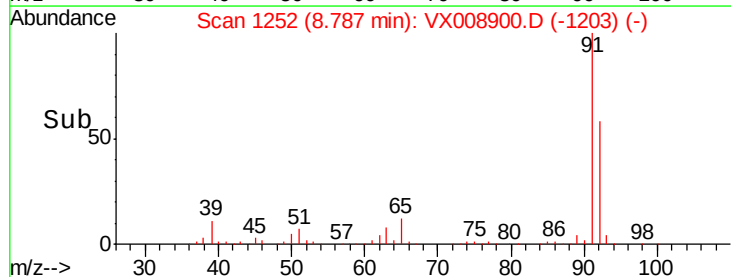
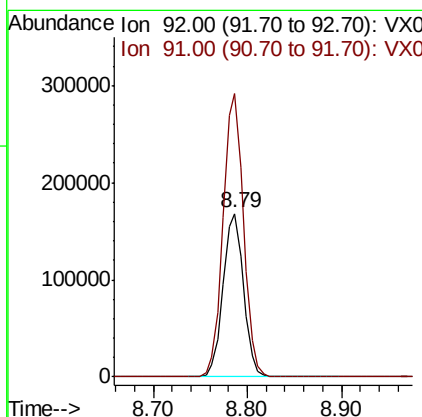
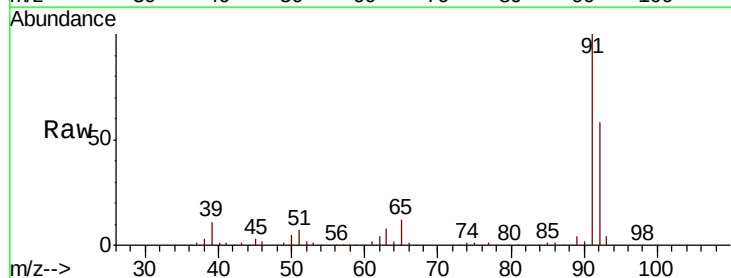
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

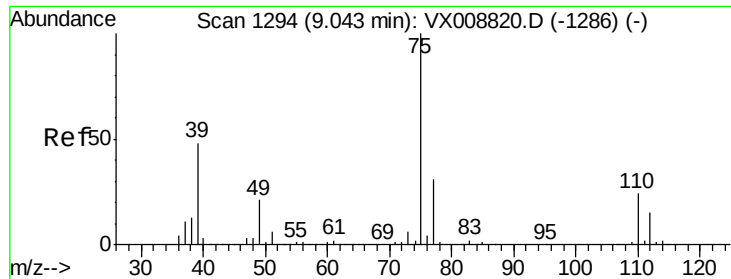
Tot Ion: 43 Resp: 1015717
Ion Ratio Lower Upper
43 100
58 37.1 29.5 44.3



#52
Toluene
Concen: 50.211 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX008900.D
Acq: 12 Apr 2019 20:34

Tgt Ion: 92 Resp: 252799
Ion Ratio Lower Upper
92 100
91 173.0 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 52.643 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

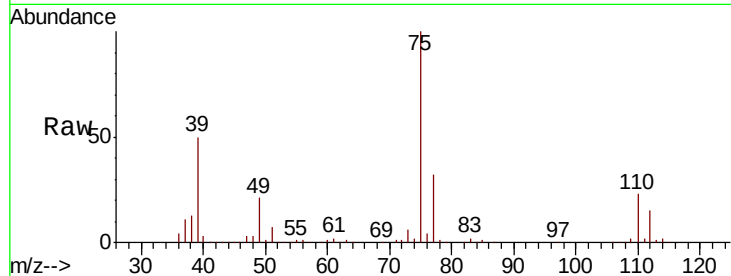
VSTDCCC050EC

Tot Ion: 75 Resp: 157184

Ion Ratio Lower Upper

75 100

77 32.3 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

120000

100000

80000

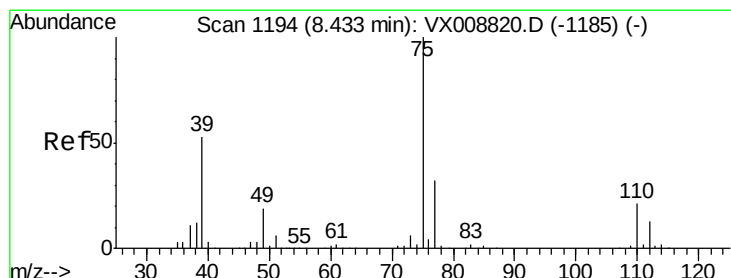
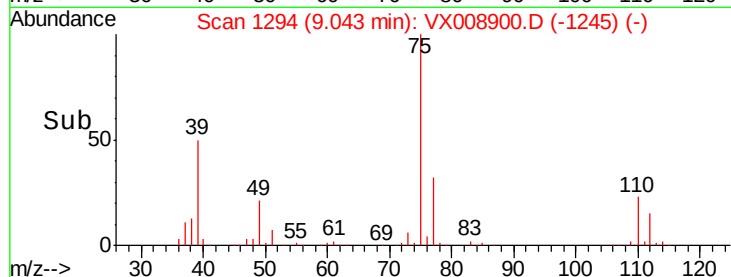
60000

40000

20000

0

Time--> 8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 51.331 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

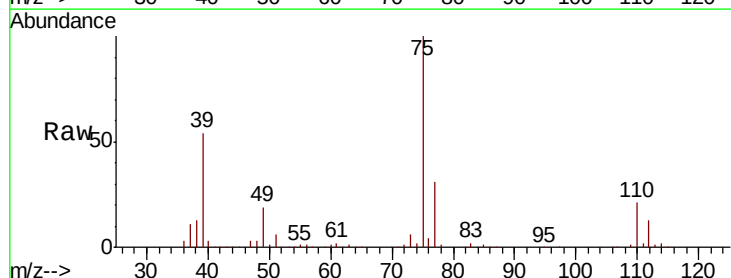
Tgt Ion: 75 Resp: 175129

Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

39 53.4 42.6 63.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

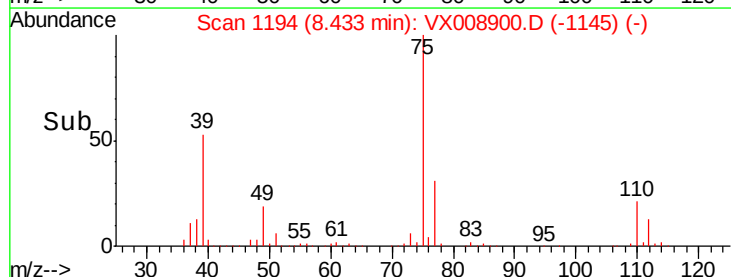
8.43

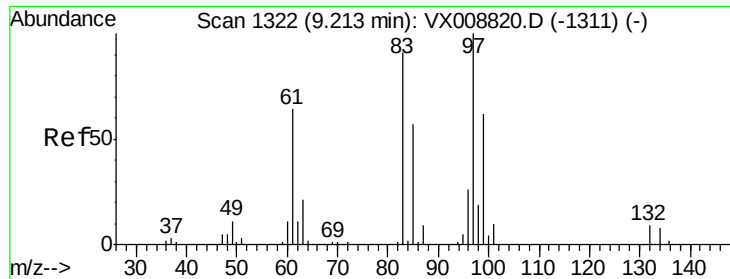
100000

50000

0

Time--> 8.30 8.40 8.50 8.60

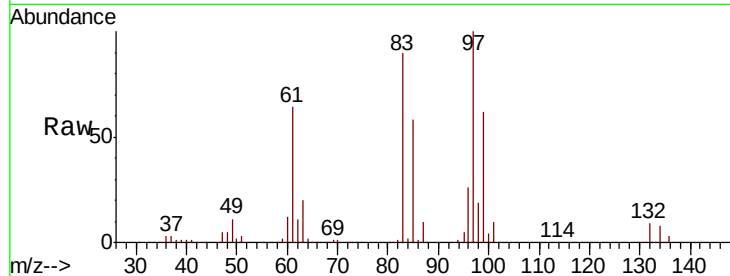




#55
 1,1,2-Trichloroethane
 Concen: 50.713 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008900.D
 Acq: 12 Apr 2019 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	102490
Ion	Ratio	Lower	Upper
97	100		
83	90.2	73.2	109.8
85	57.7	46.6	69.8
99	61.9	50.1	75.1



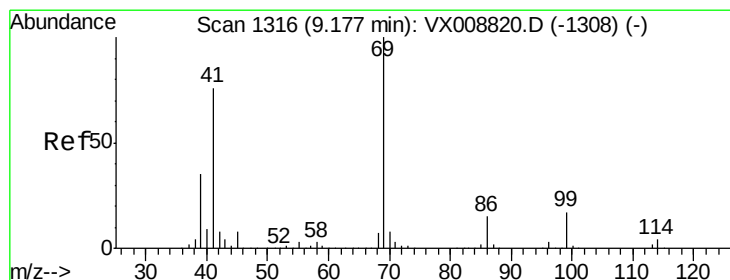
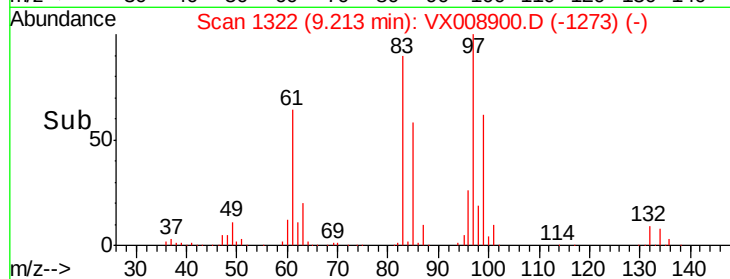
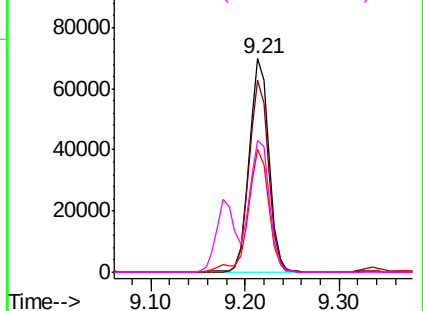
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

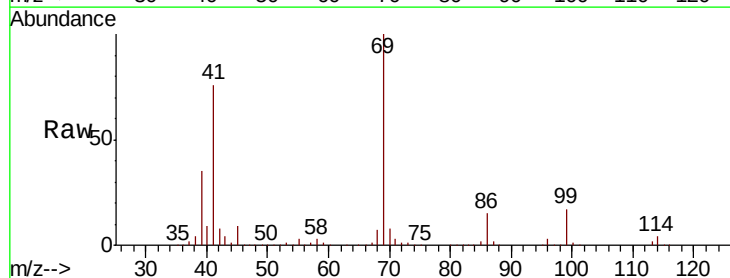
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 52.422 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008900.D
 Acq: 12 Apr 2019 20:34

Tgt Ion:	69	Resp:	191688
Ion	Ratio	Lower	Upper
69	100		
41	75.5	60.1	90.1
39	35.2	28.9	43.3

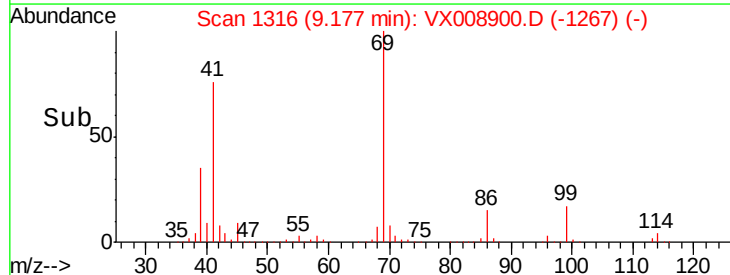
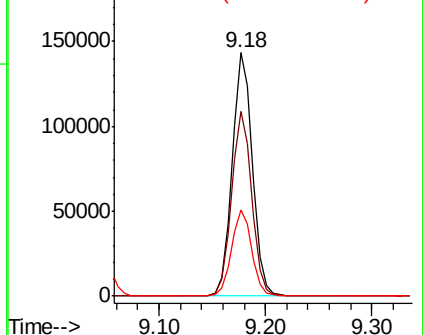


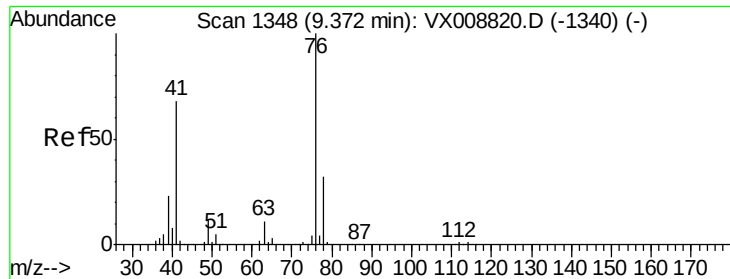
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.771 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

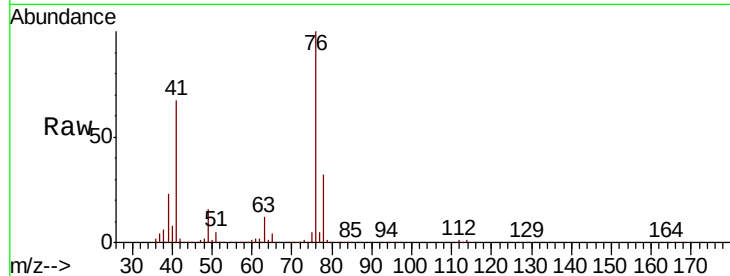
VSTDCCC050EC

Tot Ion: 76 Resp: 184247

Ion Ratio Lower Upper

76 100

78 31.8 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

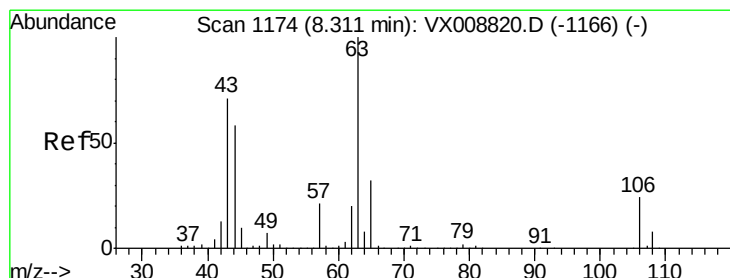
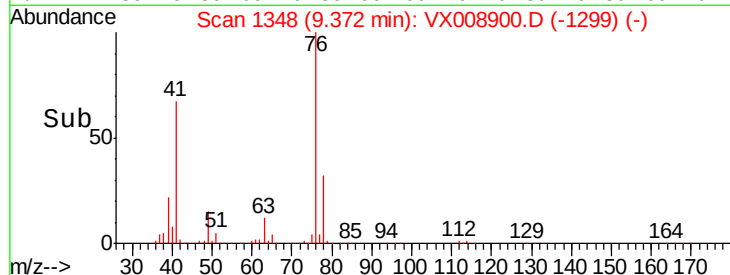
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 253.326 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008900.D

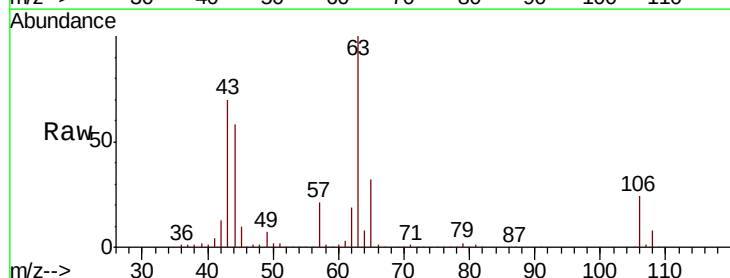
Acq: 12 Apr 2019 20:34

Tgt Ion: 63 Resp: 472993

Ion Ratio Lower Upper

63 100

106 24.0 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

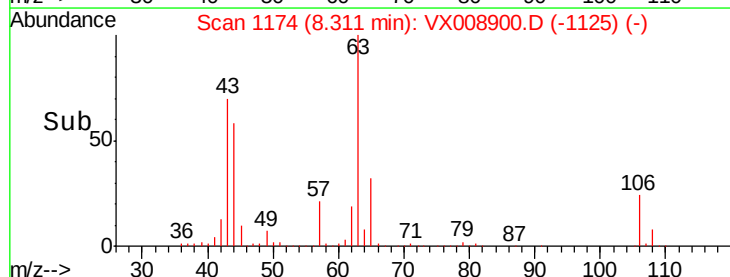
300000

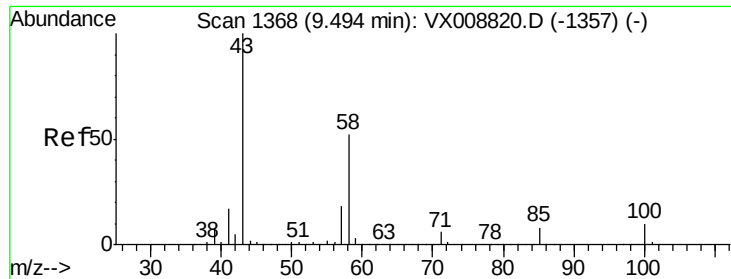
200000

100000

0

Time-->

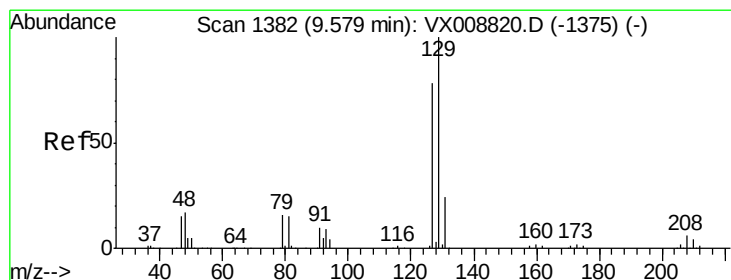
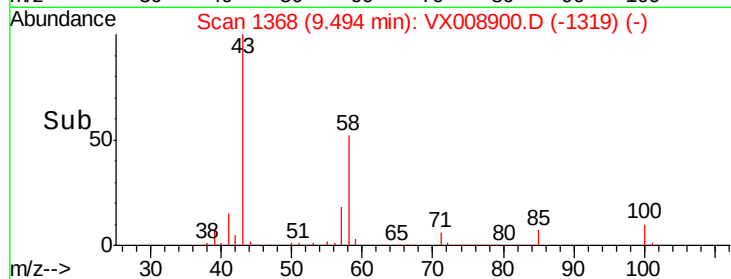
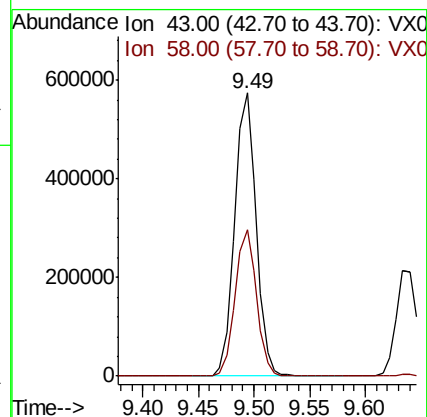
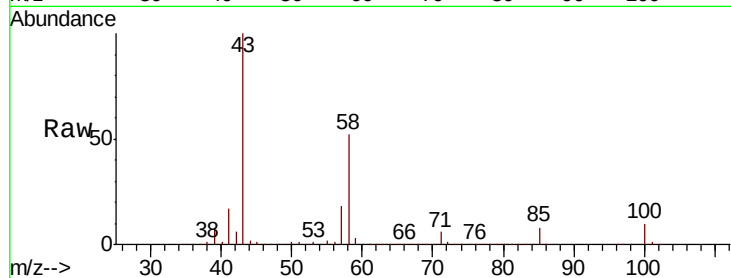




#59
2-Hexanone
Concen: 255.342 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008900.D
Acq: 12 Apr 2019 20:34

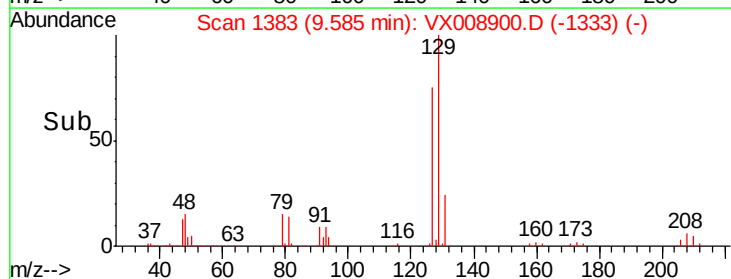
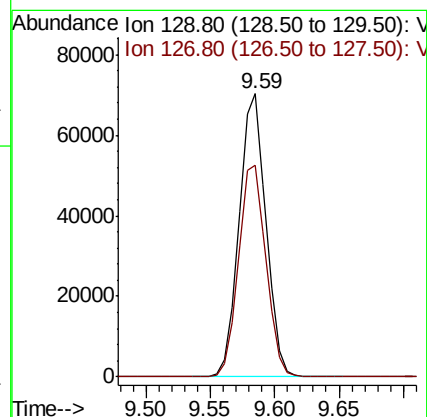
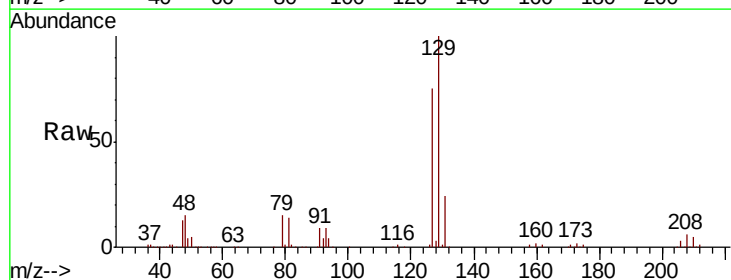
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

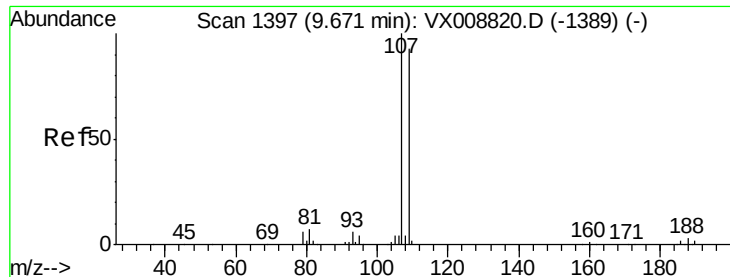
Tot Ion: 43 Resp: 765676
Ion Ratio Lower Upper
43 100
58 51.7 25.9 77.7



#60
Dibromochloromethane
Concen: 53.435 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX008900.D
Acq: 12 Apr 2019 20:34

Tgt Ion:129 Resp: 101762
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.3





#61

1,2-Dibromoethane

Concen: 50.403 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

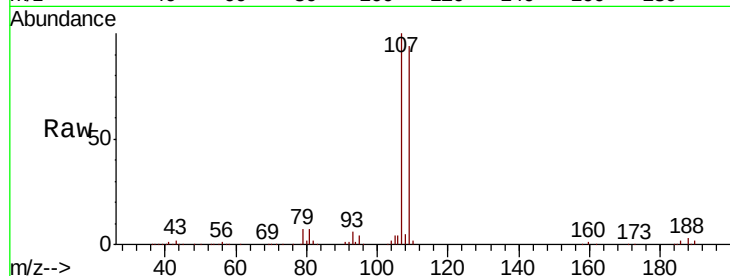
VSTDCCC050EC

Tot Ion: 107 Resp: 106043

Ion Ratio Lower Upper

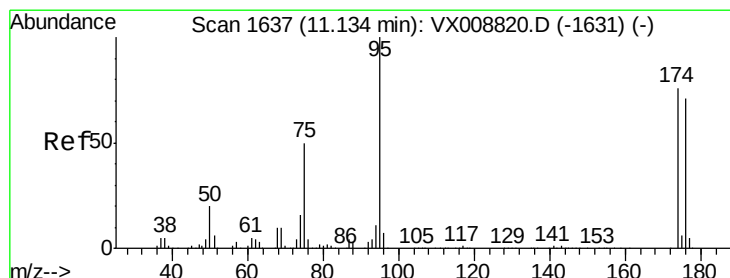
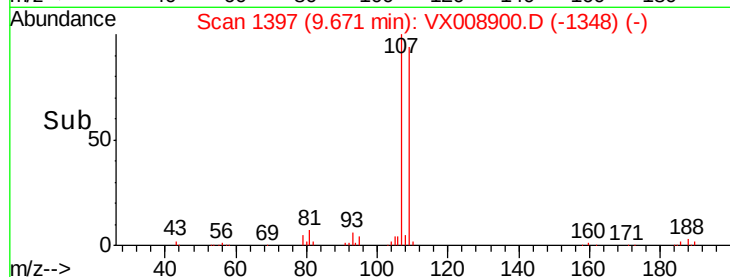
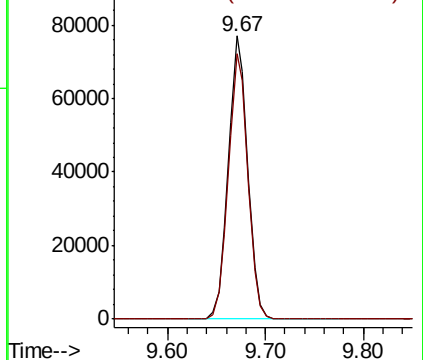
107 100

109 94.5 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.518 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

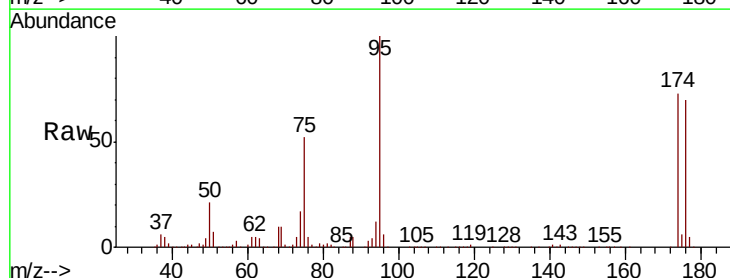
Tgt Ion: 95 Resp: 114866

Ion Ratio Lower Upper

95 100

174 78.6 0.0 151.8

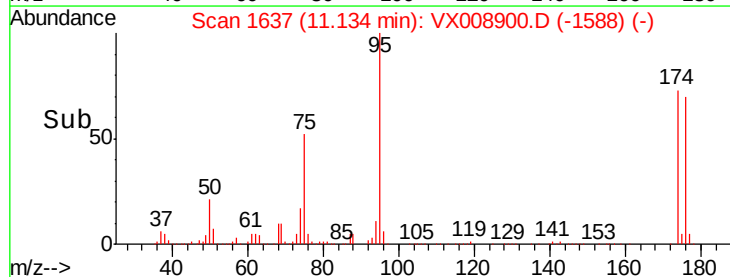
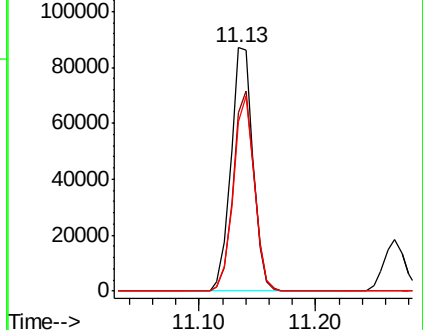
176 76.4 0.0 145.8

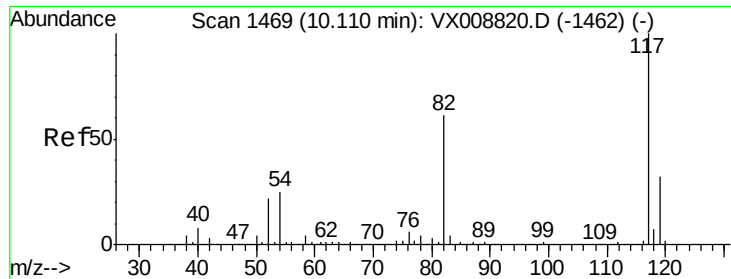


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

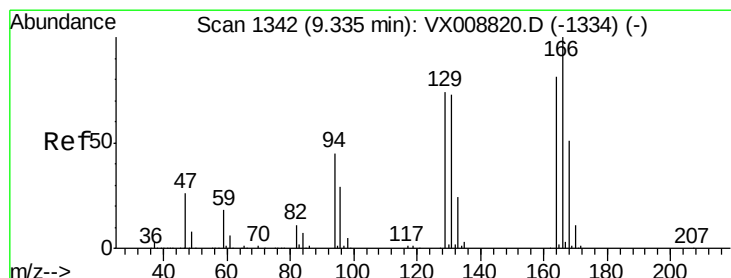
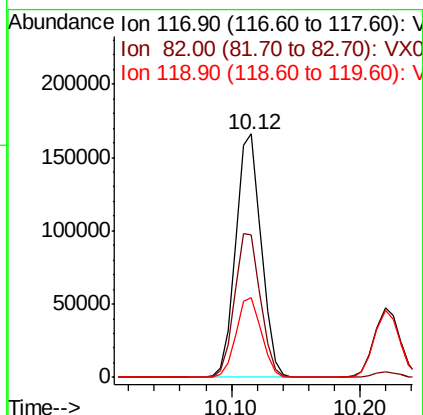
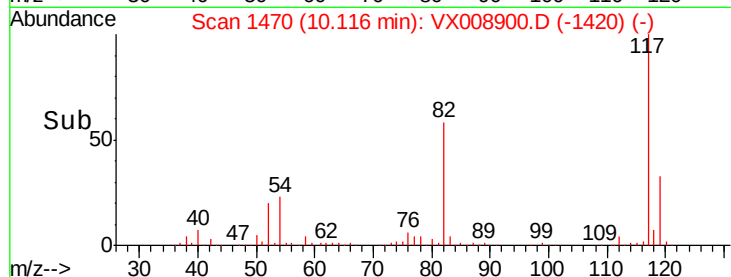
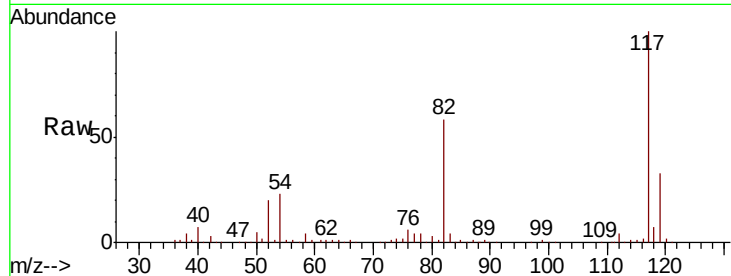




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008900.D
Acq: 12 Apr 2019 20:34

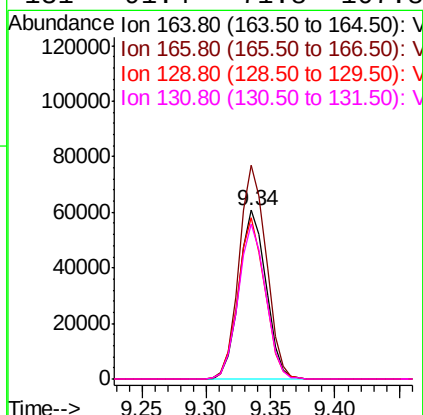
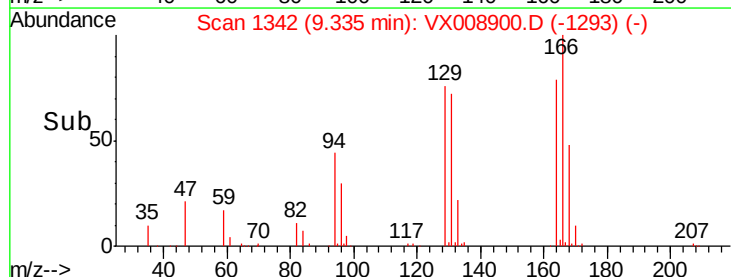
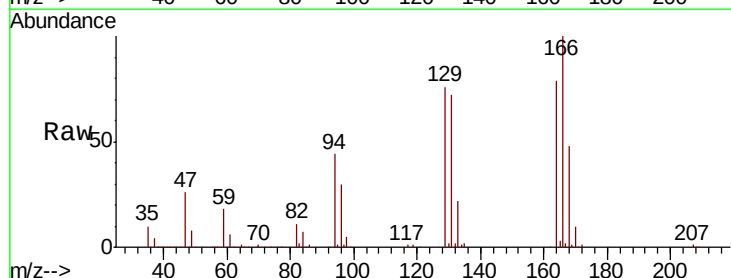
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

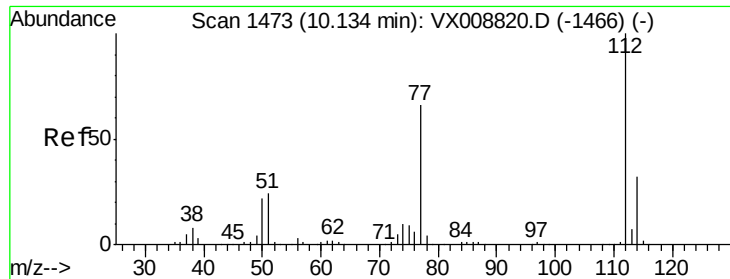
Tot Ion:117 Resp: 228622
Ion Ratio Lower Upper
117 100
82 58.5 49.6 74.4
119 32.8 25.0 37.4



#64
Tetrachloroethene
Concen: 51.922 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008900.D
Acq: 12 Apr 2019 20:34

Tgt Ion:164 Resp: 87948
Ion Ratio Lower Upper
164 100
166 126.5 101.0 151.6
129 95.5 75.8 113.8
131 91.4 71.8 107.8





#65

Chlorobenzene

Concen: 50.152 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

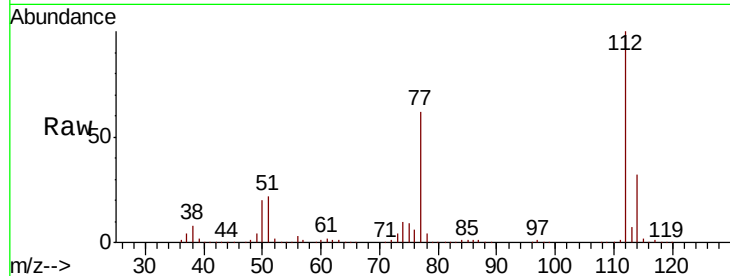
VSTDCCC050EC

Tot Ion:112 Resp: 254160

Ion Ratio Lower Upper

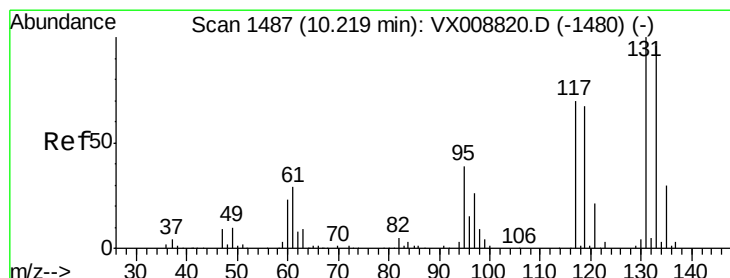
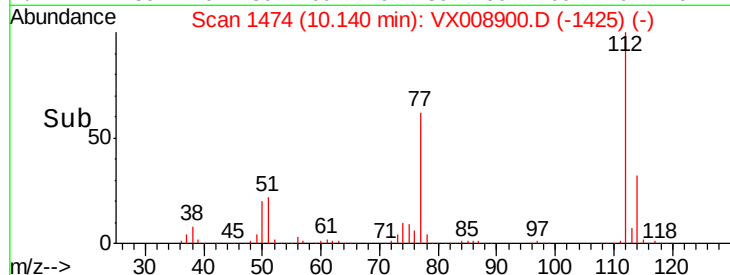
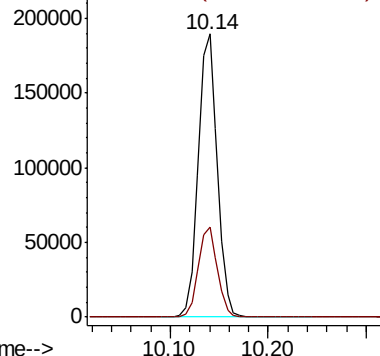
112 100

114 31.8 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.967 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

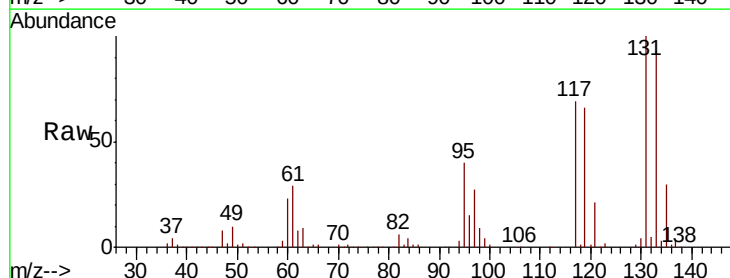
Tgt Ion:131 Resp: 94169

Ion Ratio Lower Upper

131 100

133 94.4 47.0 141.2

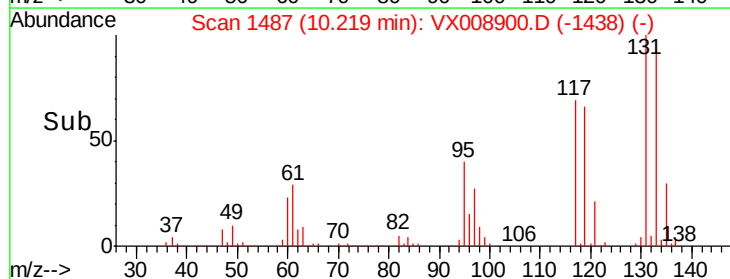
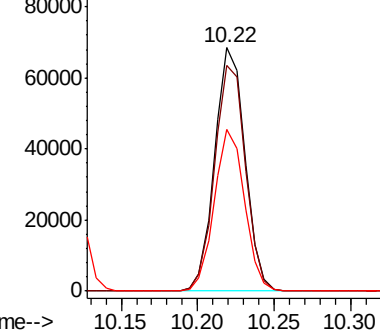
119 66.2 33.7 101.0

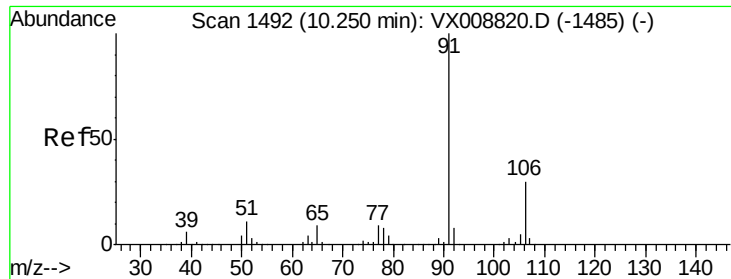


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 49.967 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

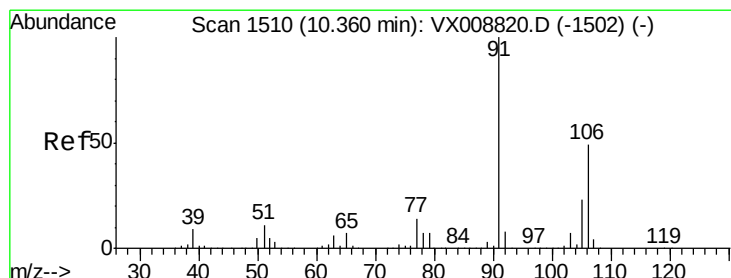
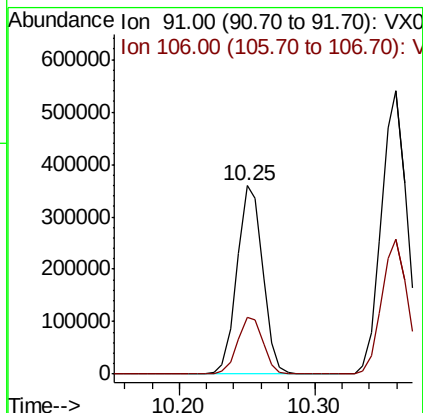
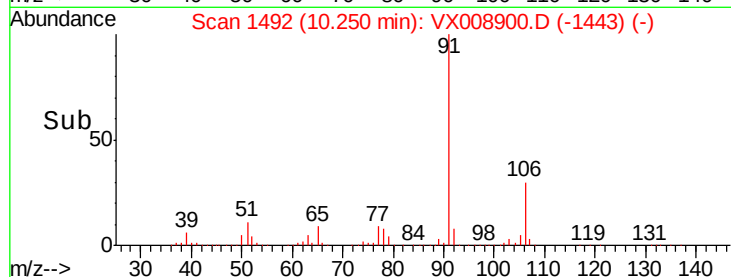
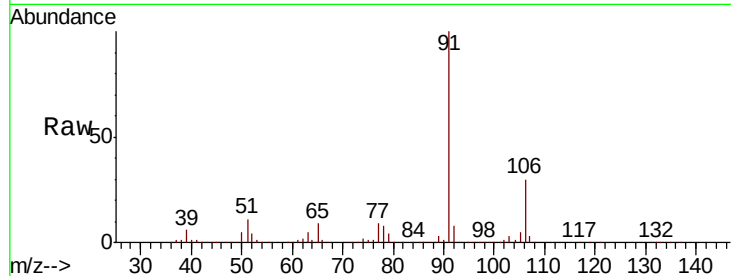
VSTDCCC050EC

Tot Ion: 91 Resp: 472186

Ion Ratio Lower Upper

91 100

106 30.5 23.7 35.5



#68

m/p-Xylenes

Concen: 100.202 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008900.D

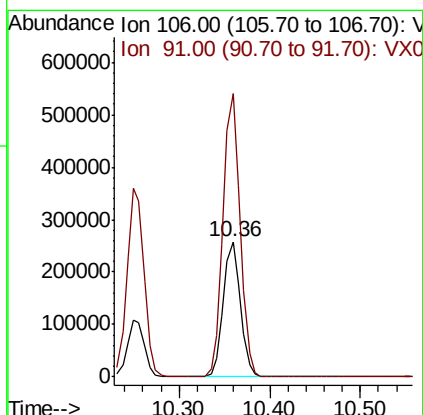
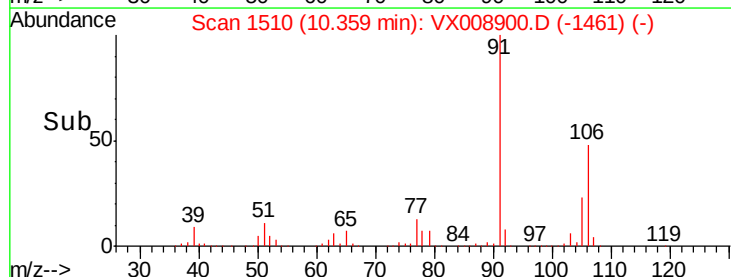
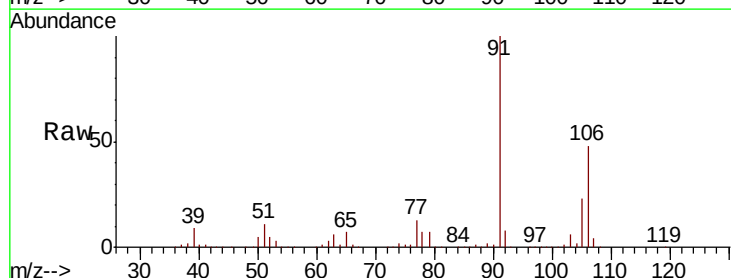
Acq: 12 Apr 2019 20:34

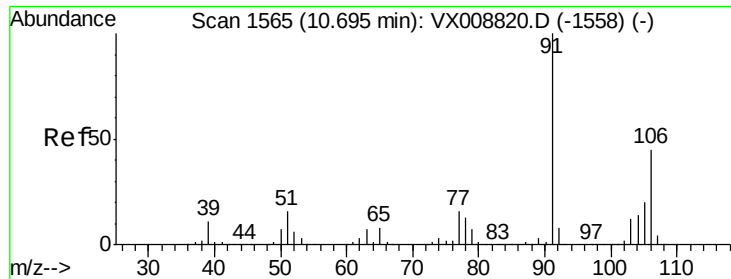
Tgt Ion:106 Resp: 340458

Ion Ratio Lower Upper

106 100

91 208.9 168.5 252.7

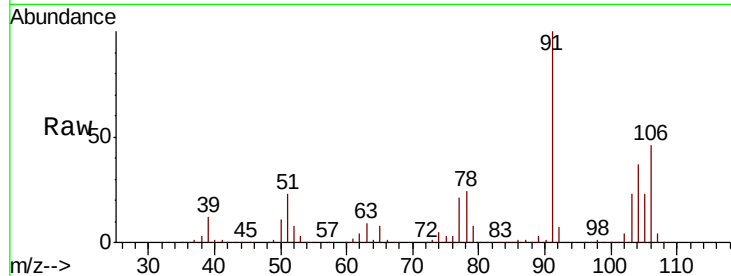




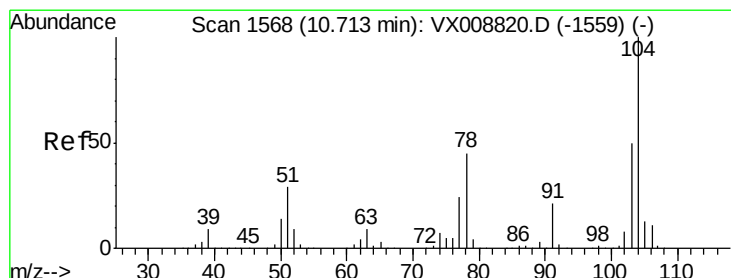
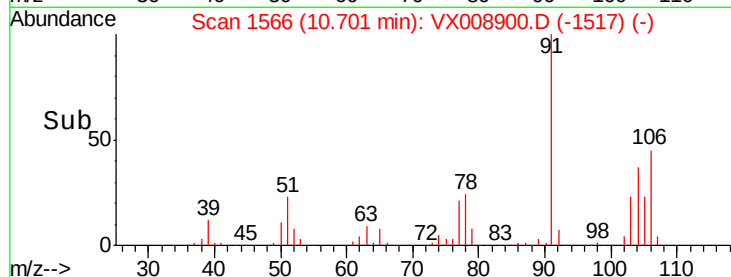
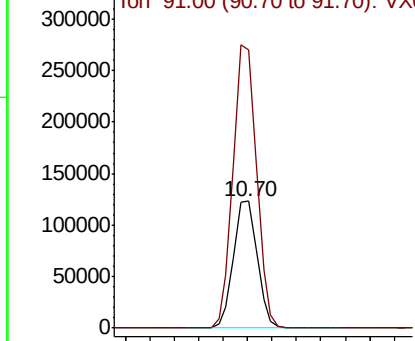
#69
o-Xylene
Concen: 50.025 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008900.D
Acq: 12 Apr 2019 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 164723
Ion Ratio Lower Upper
106 100
91 221.5 111.5 334.4

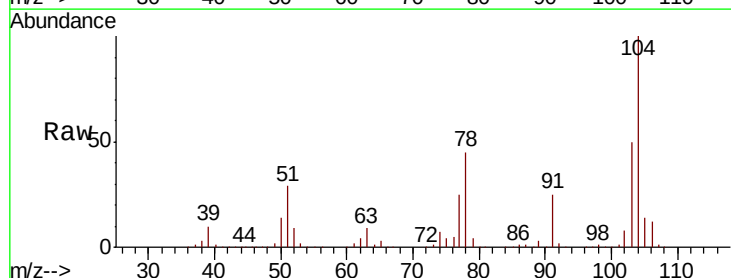


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

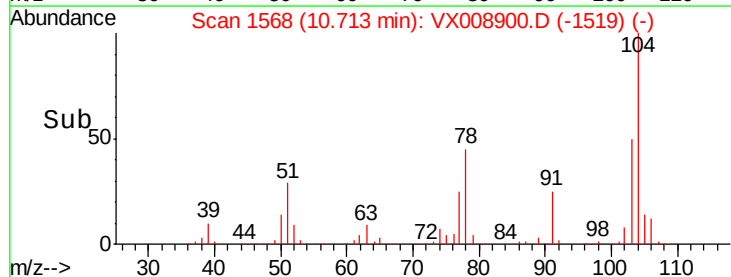
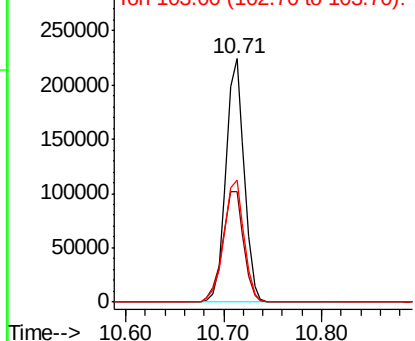


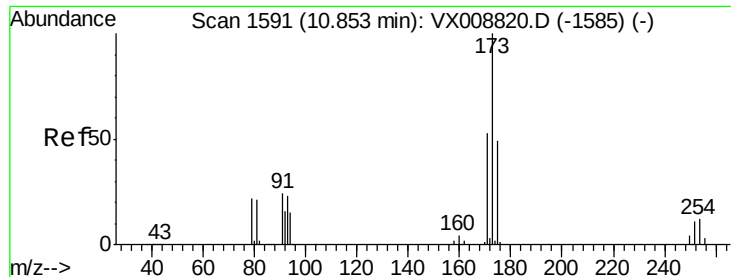
#70
Styrene
Concen: 51.116 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008900.D
Acq: 12 Apr 2019 20:34

Tgt Ion:104 Resp: 290132
Ion Ratio Lower Upper
104 100
78 52.4 42.3 63.5
103 55.2 44.4 66.6



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





#71

Bromoform

Concen: 54.456 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

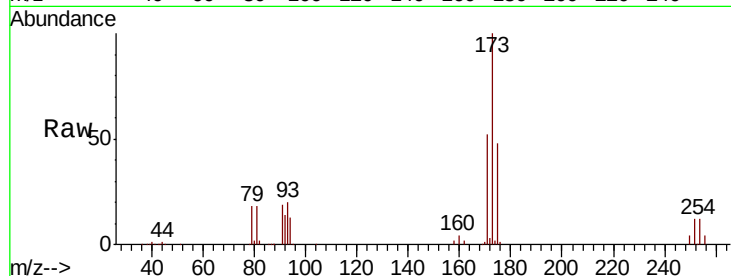
Tot Ion:173 Resp: 73943

Ion Ratio Lower Upper

173 100

175 48.6 24.9 74.6

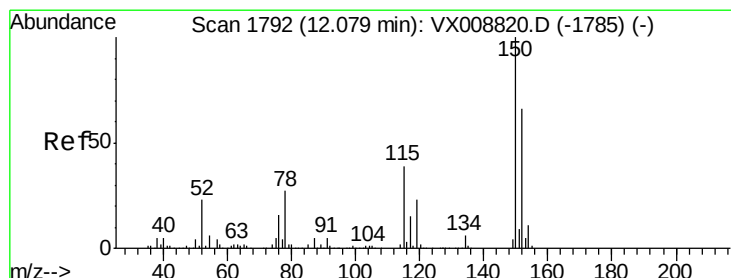
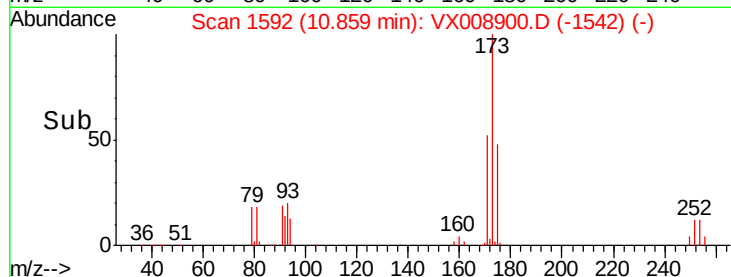
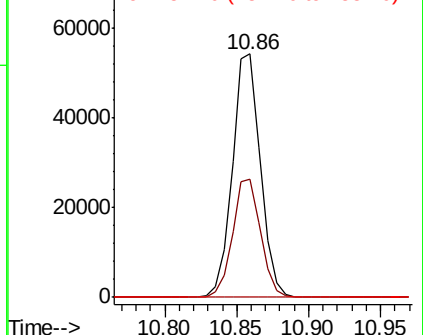
254 0.1 0.1 0.1



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: VX008900.D

Acq: 12 Apr 2019 20:34

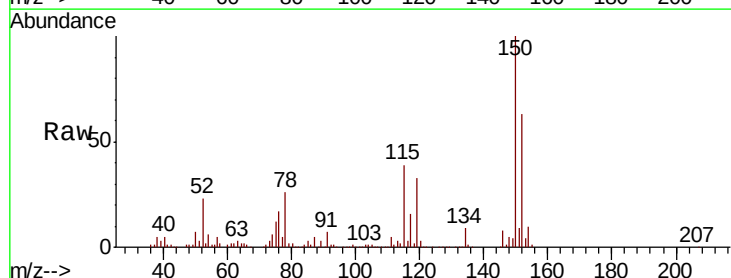
Tgt Ion:152 Resp: 105666

Ion Ratio Lower Upper

152 100

115 85.1 43.5 130.5

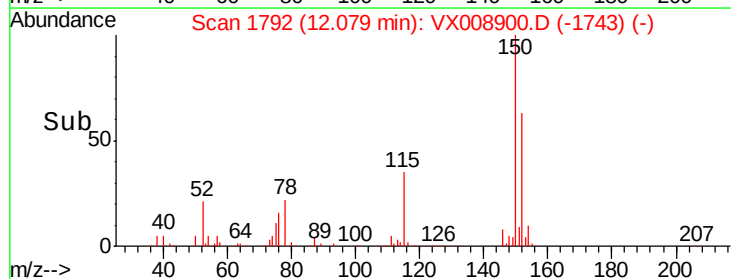
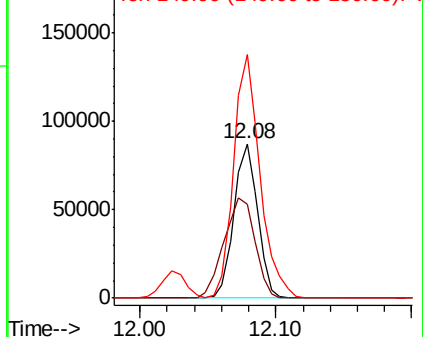
150 175.0 0.0 348.8

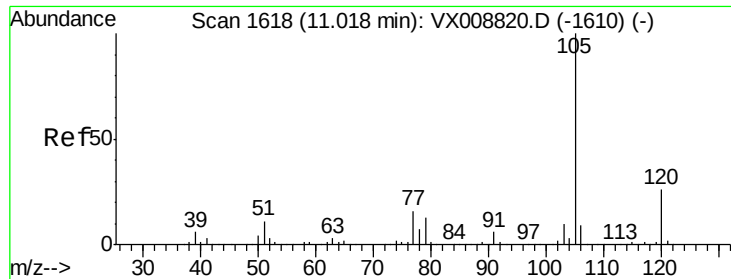


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.650 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

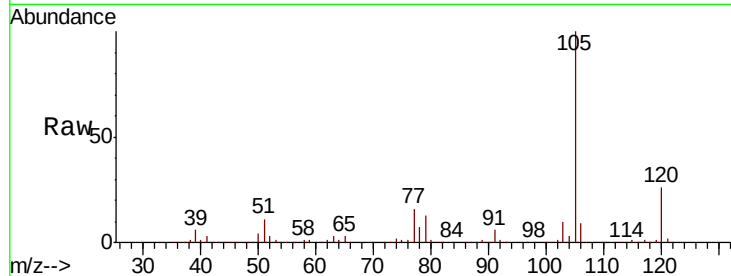
VSTDCCC050EC

Tot Ion:105 Resp: 443532

Ion Ratio Lower Upper

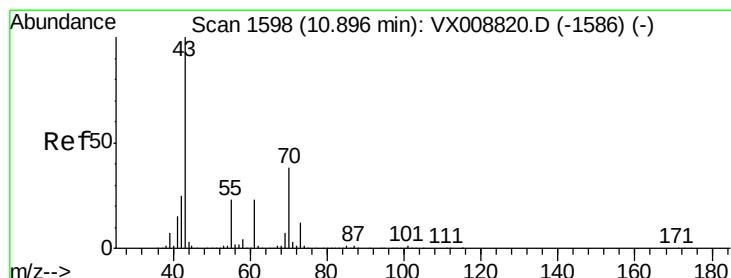
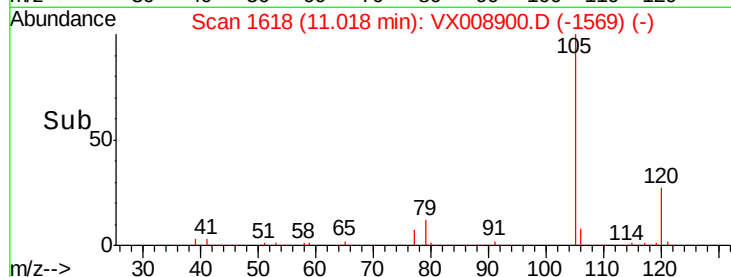
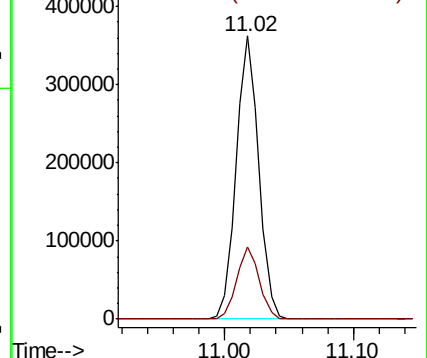
105 100

120 25.5 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.274 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

Tgt Ion: 43 Resp: 264167

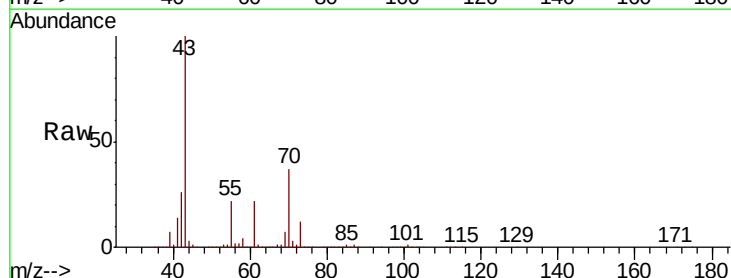
Ion Ratio Lower Upper

43 100

70 37.0 30.2 45.4

55 22.6 18.2 27.4

61 22.4 18.6 28.0

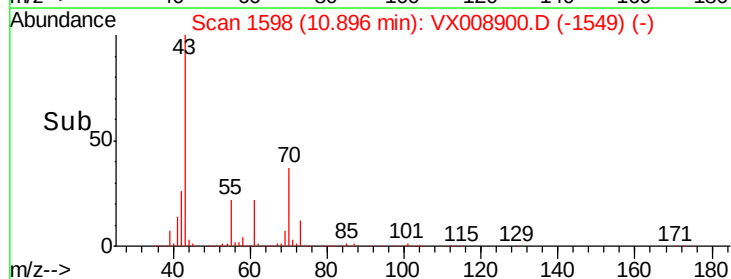
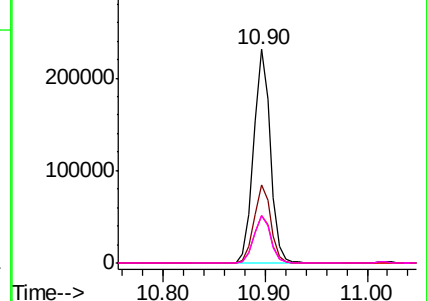


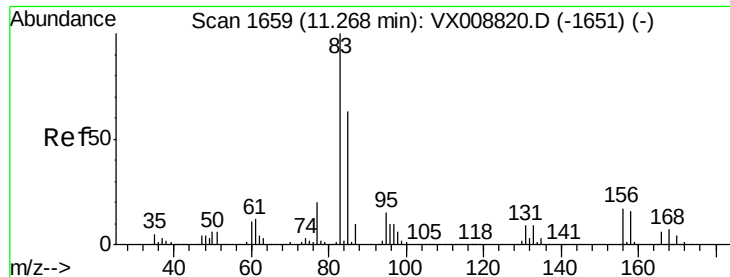
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.632 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

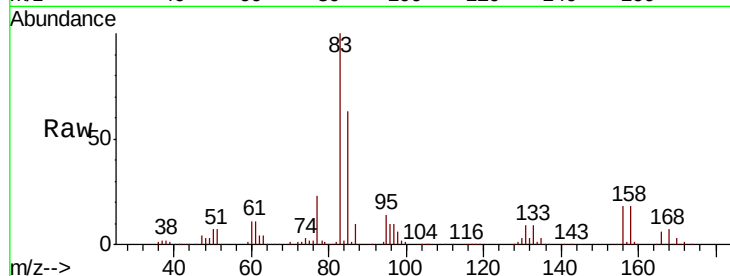
Tot Ion: 83 Resp: 161961

Ion Ratio Lower Upper

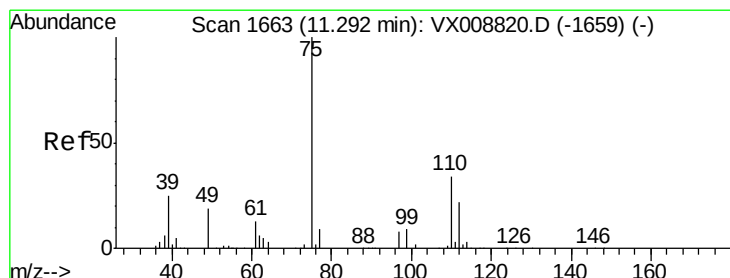
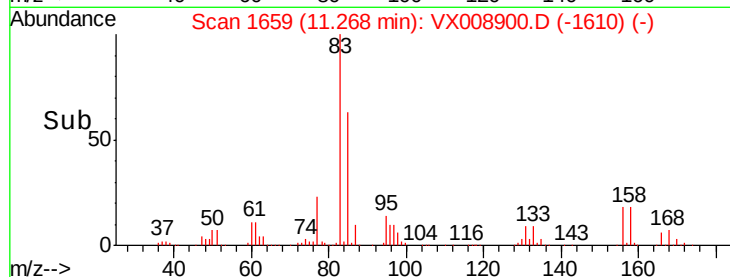
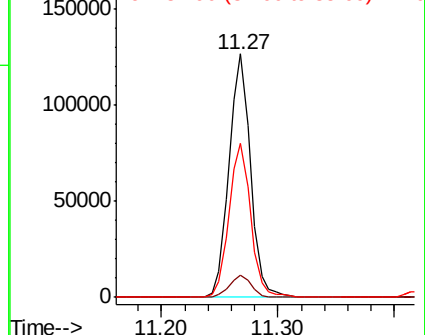
83 100

131 9.3 4.5 13.7

85 63.9 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: 66.882 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008900.D

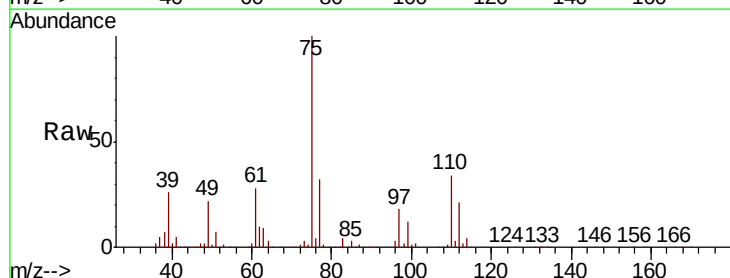
Acq: 12 Apr 2019 20:34

Tgt Ion: 75 Resp: 194141

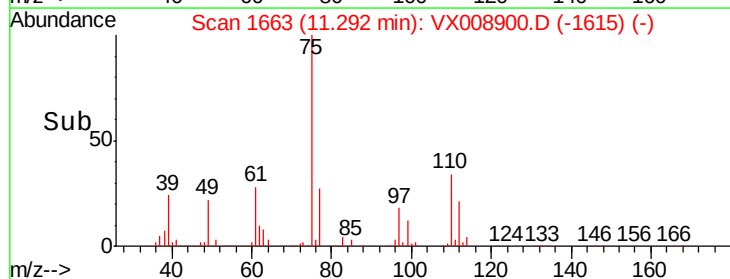
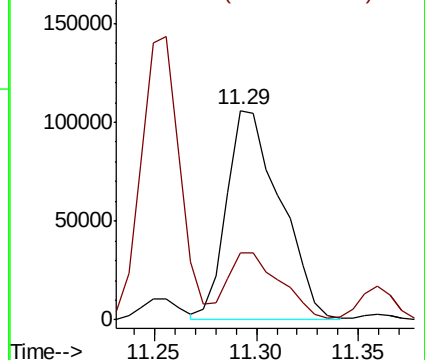
Ion Ratio Lower Upper

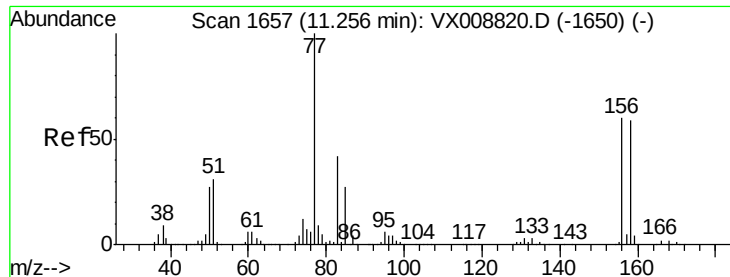
75 100

77 32.1 22.3 66.8



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





#77

Bromobenzene

Concen: 50.218 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

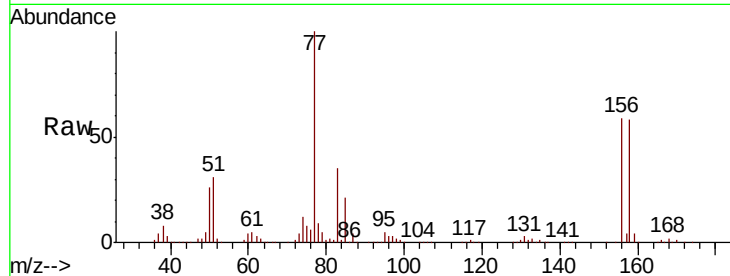
Tot Ion:156 Resp: 105717

Ion Ratio Lower Upper

156 100

77 176.6 89.8 269.6

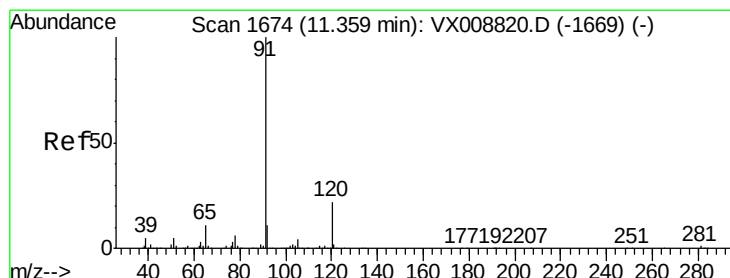
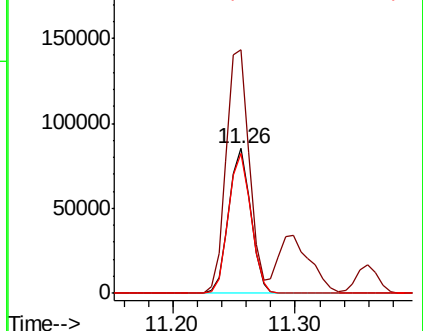
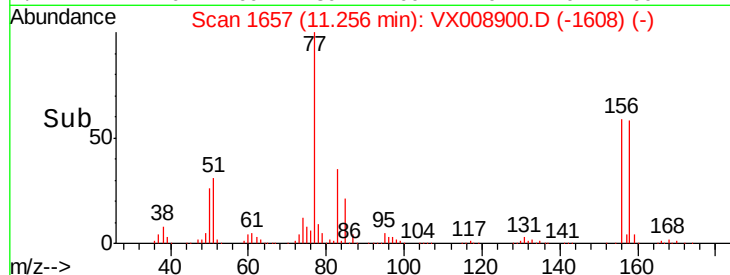
158 98.1 48.6 145.9



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: 49.661 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008900.D

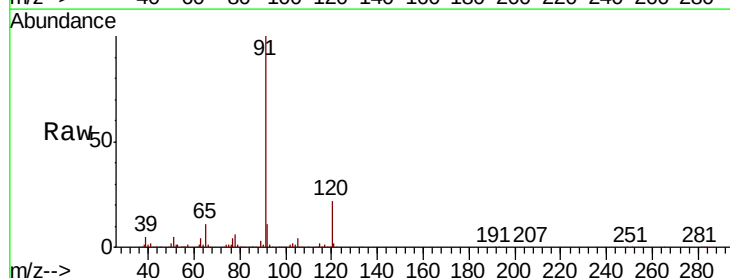
Acq: 12 Apr 2019 20:34

Tgt Ion: 91 Resp: 506352

Ion Ratio Lower Upper

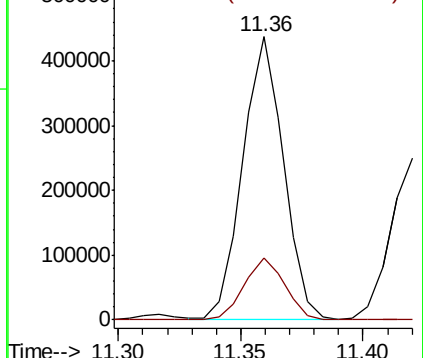
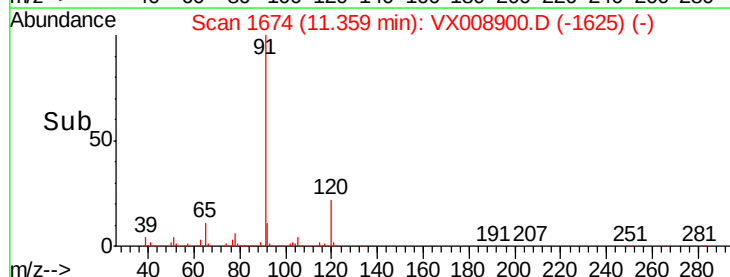
91 100

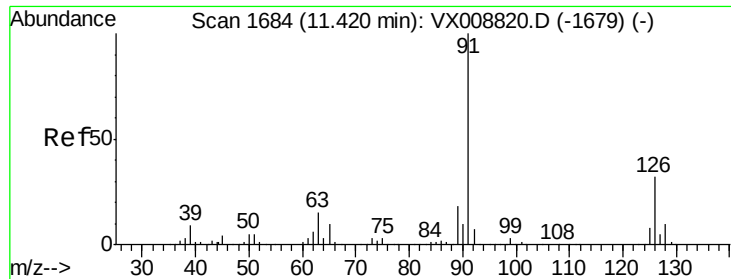
120 21.9 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

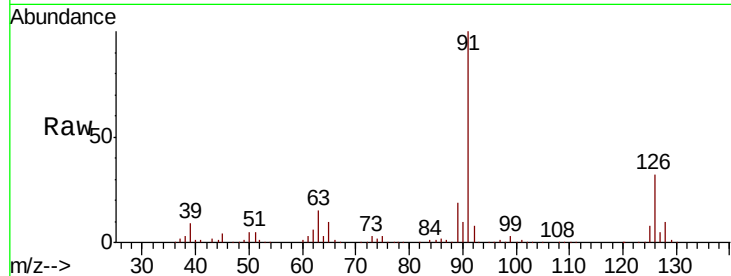




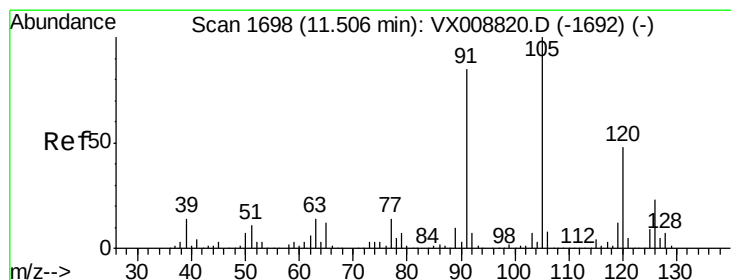
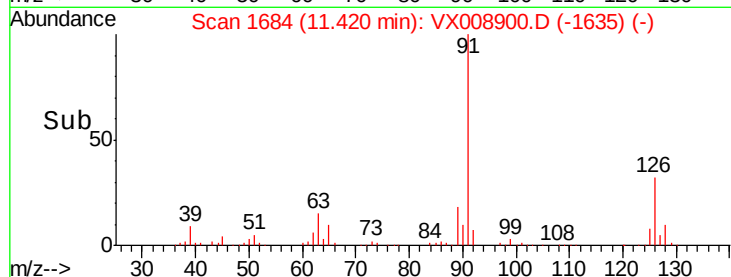
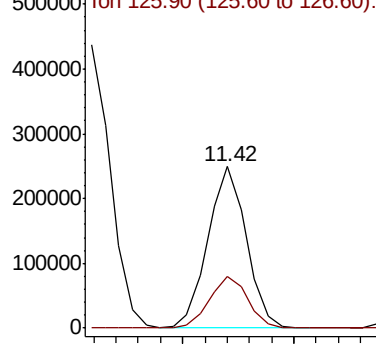
#79
 2-Chlorotoluene
 Concen: 48.456 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008900.D
 Acq: 12 Apr 2019 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 298989
 Ion Ratio Lower Upper
 91 100
 126 32.2 16.1 48.3

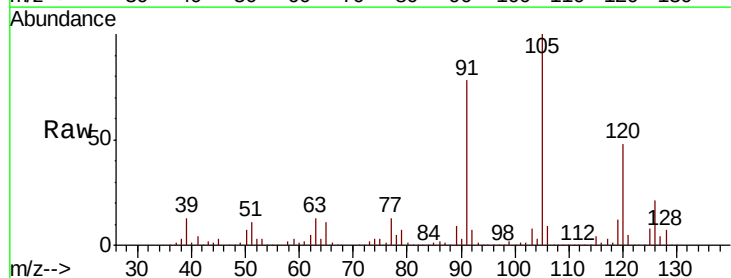


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

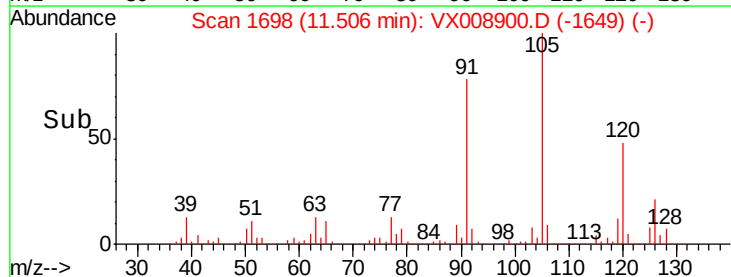
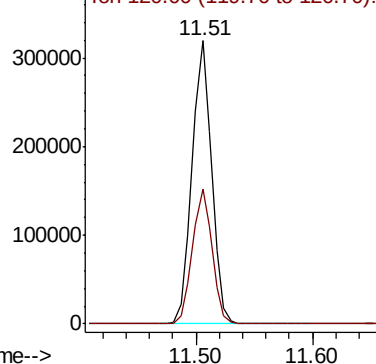


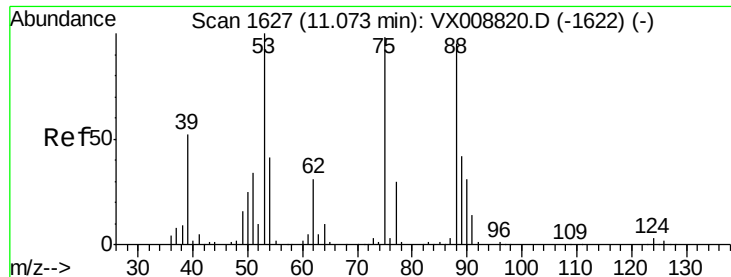
#80
 1,3,5-Trimethylbenzene
 Concen: 50.055 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008900.D
 Acq: 12 Apr 2019 20:34

Tgt Ion: 105 Resp: 367933
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.5 70.6



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: 52.125 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

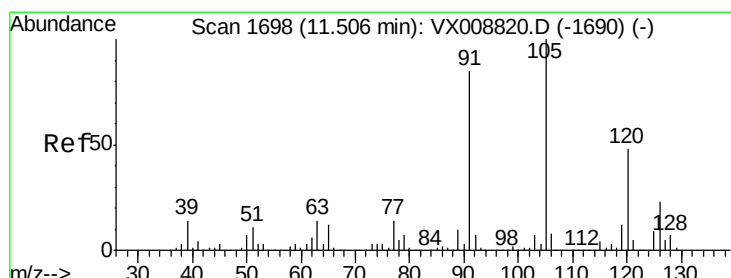
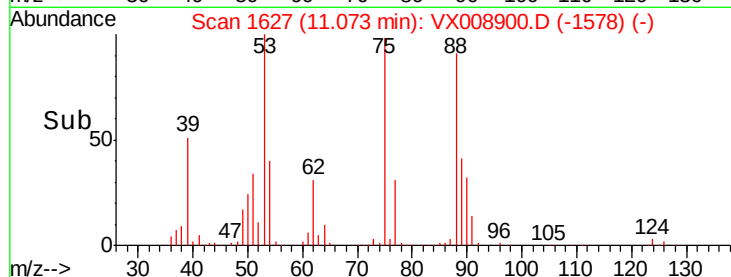
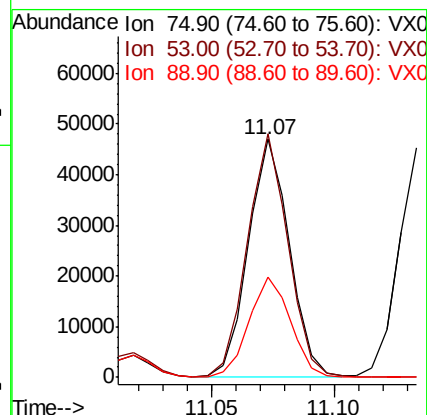
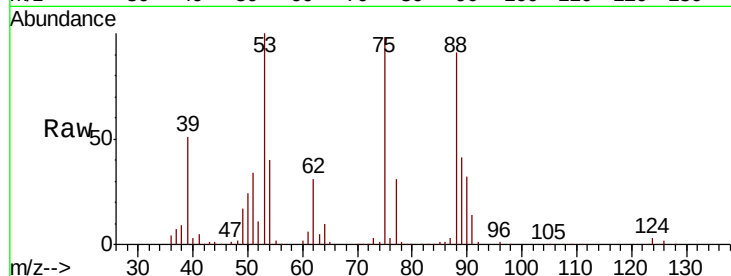
Tot Ion: 75 Resp: 54890

Ion Ratio Lower Upper

75 100

53 101.3 81.3 121.9

89 42.9 35.6 53.4



#82

4-Chlorotoluene

Concen: 48.111 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008900.D

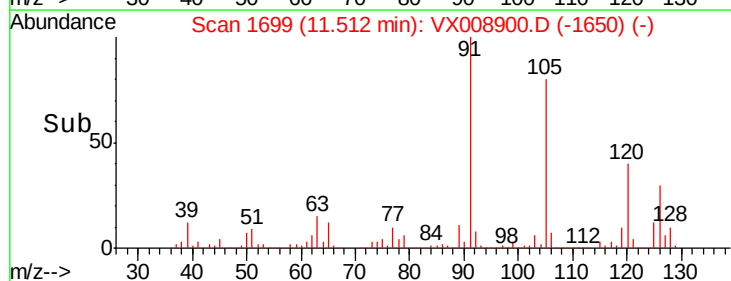
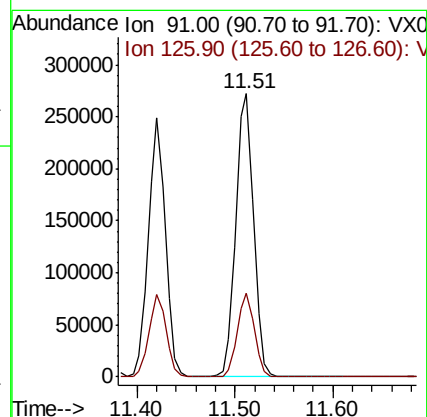
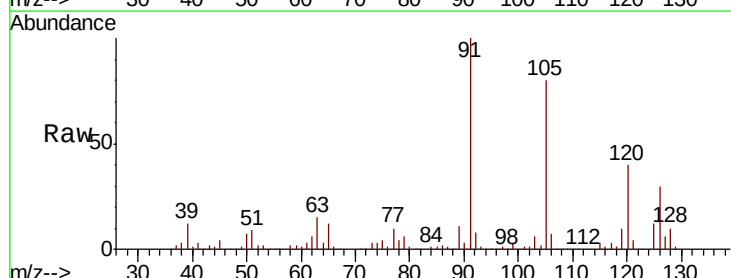
Acq: 12 Apr 2019 20:34

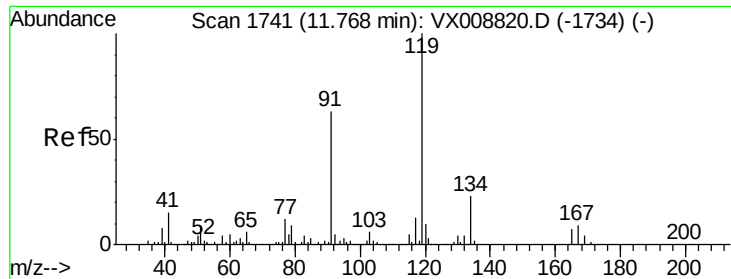
Tgt Ion: 91 Resp: 343623

Ion Ratio Lower Upper

91 100

126 28.6 13.9 41.6

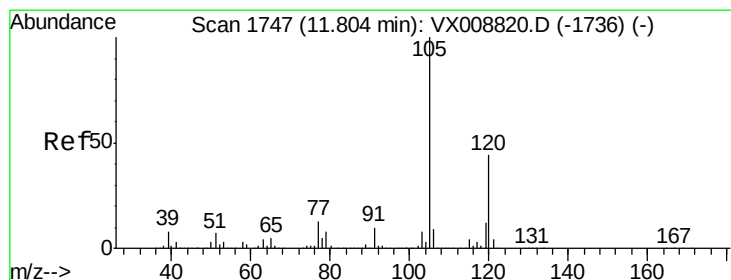
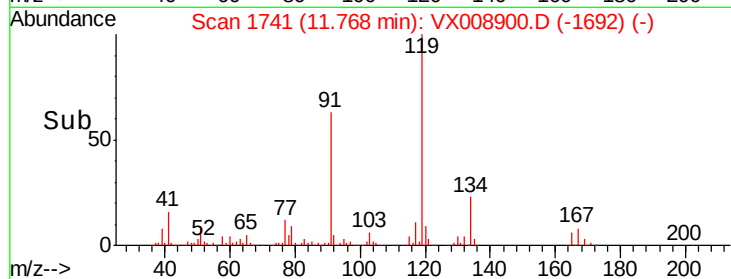
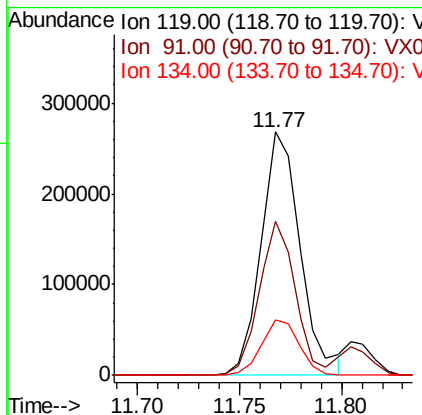
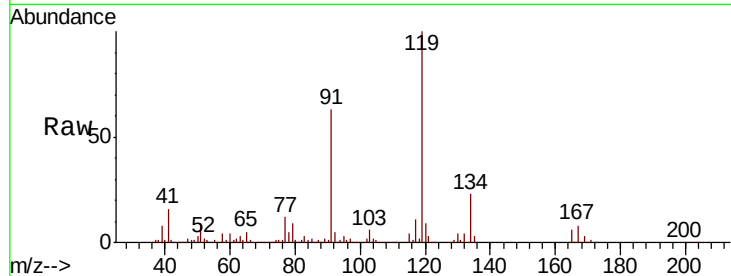




#83
 tert-Butylbenzene
 Concen: 50.696 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008900.D
 Acq: 12 Apr 2019 20:34

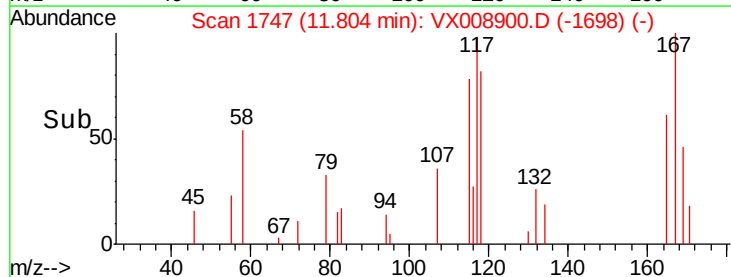
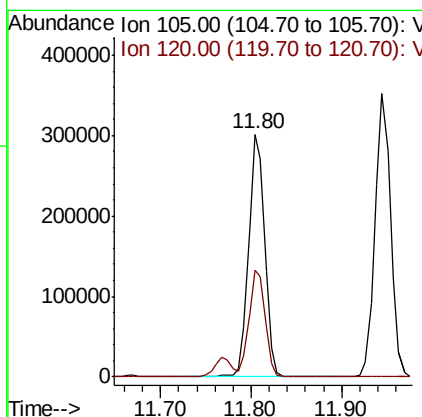
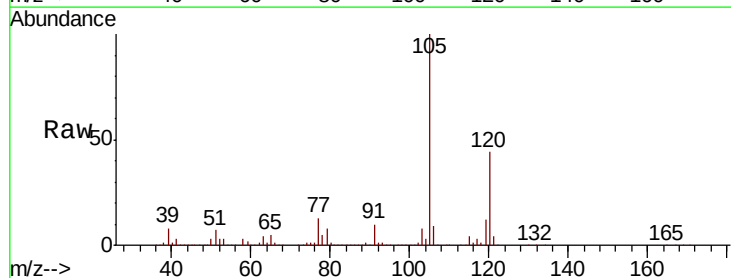
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

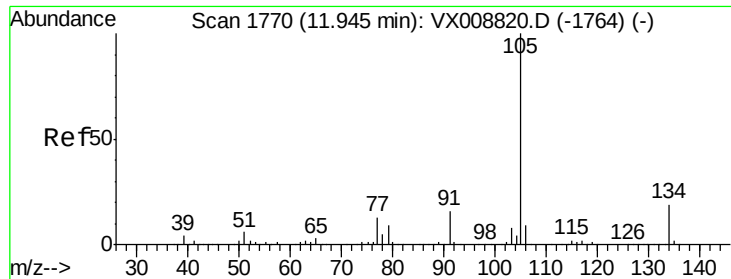
Tot Ion:119 Resp: 358513
 Ion Ratio Lower Upper
 119 100
 91 58.2 30.0 90.1
 134 21.9 11.1 33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 49.789 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008900.D
 Acq: 12 Apr 2019 20:34

Tgt Ion:105 Resp: 370576
 Ion Ratio Lower Upper
 105 100
 120 43.8 21.8 65.3





#85

sec-Butylbenzene

Concen: 49.901 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

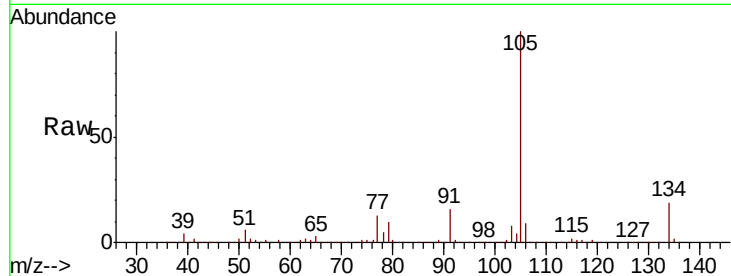
VSTDCCC050EC

Tot Ion:105 Resp: 419170

Ion Ratio Lower Upper

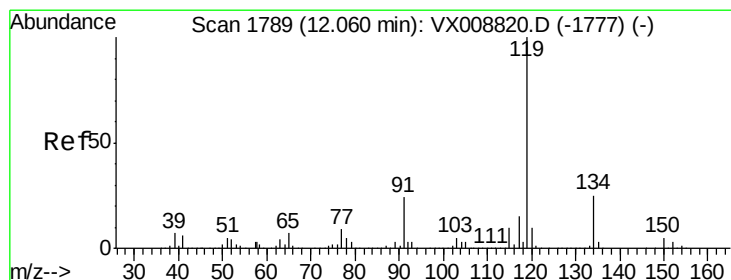
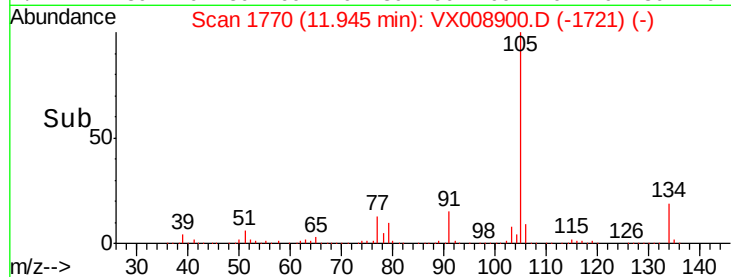
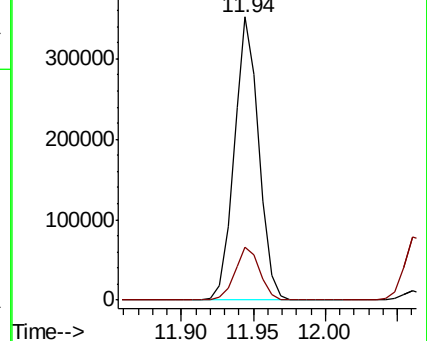
105 100

134 19.1 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.211 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

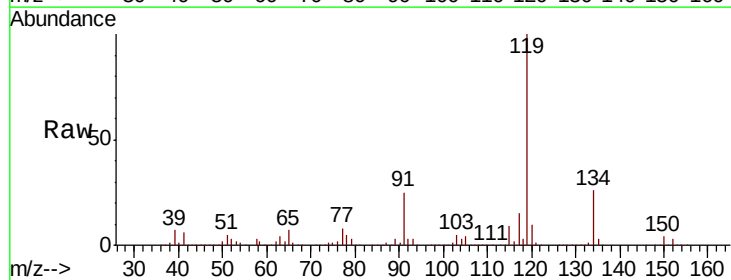
Tgt Ion:119 Resp: 378567

Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.4

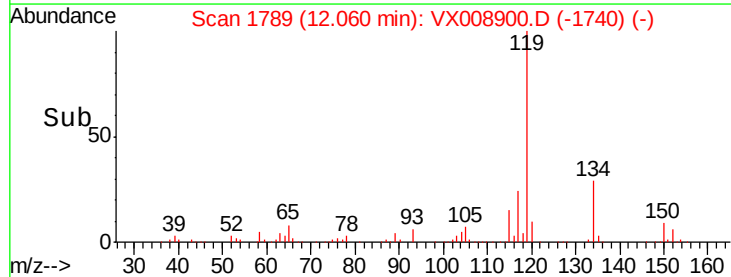
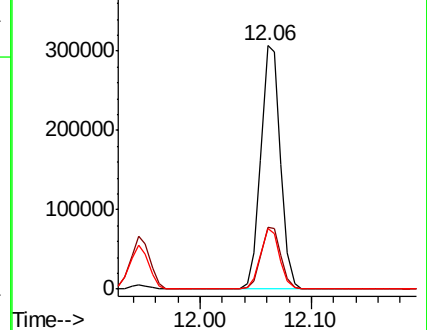
91 24.2 12.2 36.6

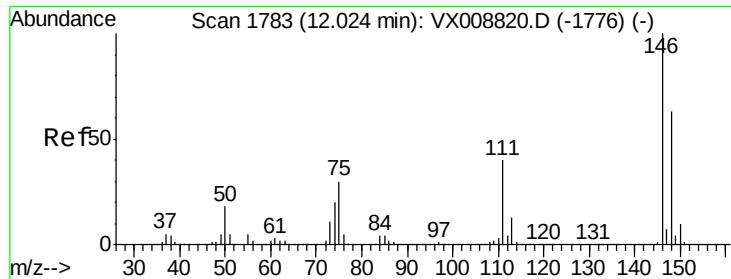


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

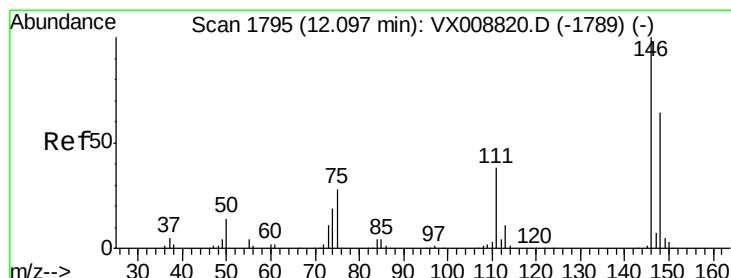
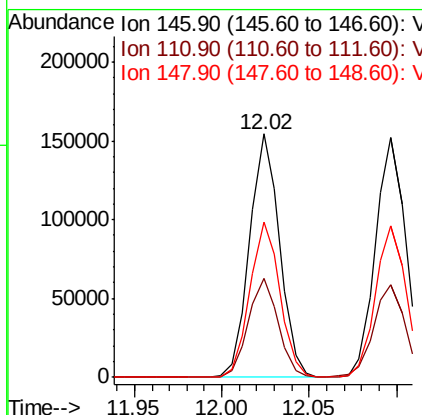
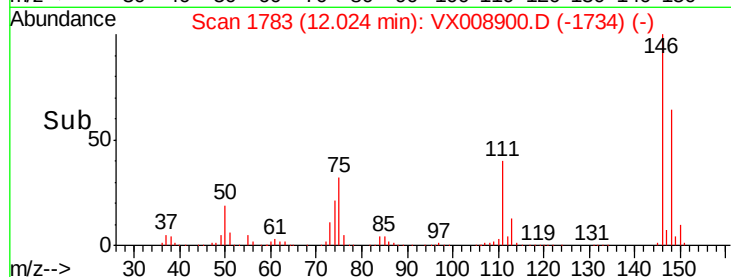
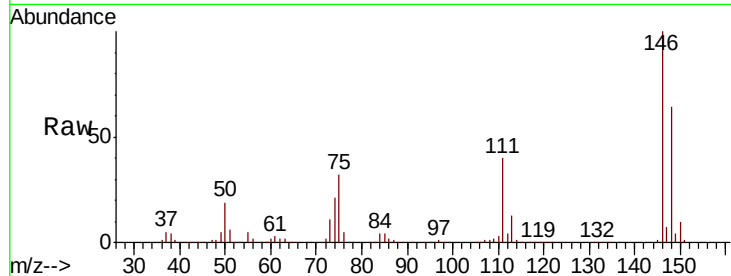




#87
 1,3-Dichlorobenzene
 Concen: 48.805 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008900.D
 Acq: 12 Apr 2019 20:34

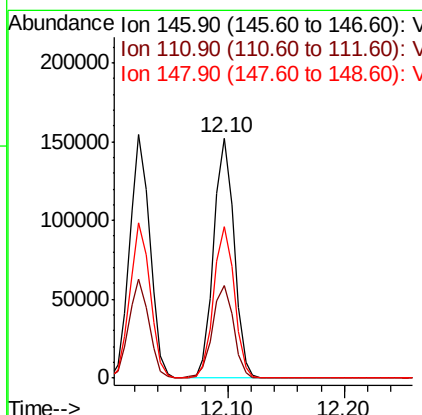
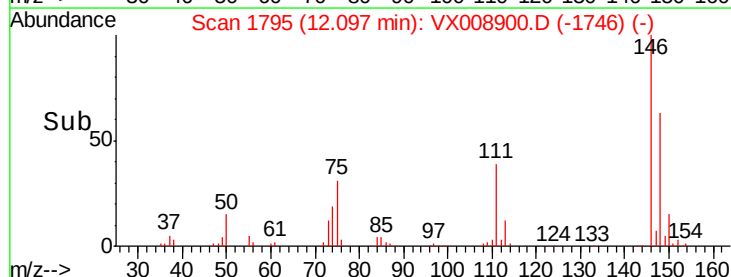
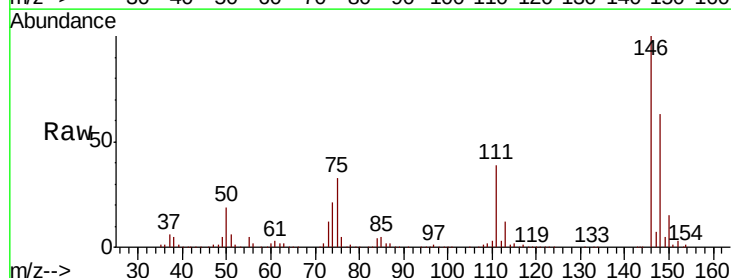
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

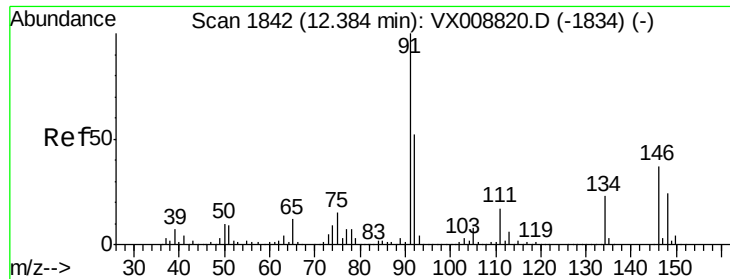
Tot Ion:146 Resp: 183931
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.5 61.5
 148 64.0 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 48.017 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008900.D
 Acq: 12 Apr 2019 20:34

Tgt Ion:146 Resp: 183244
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.2 60.6
 148 63.5 32.0 96.0

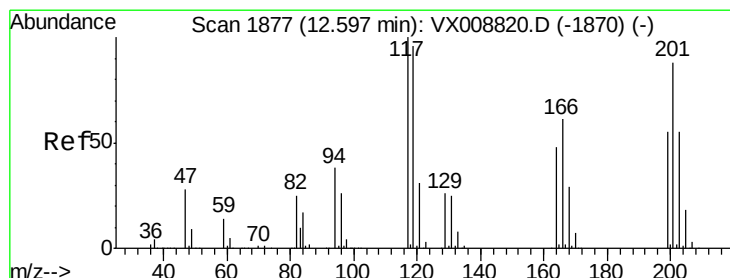
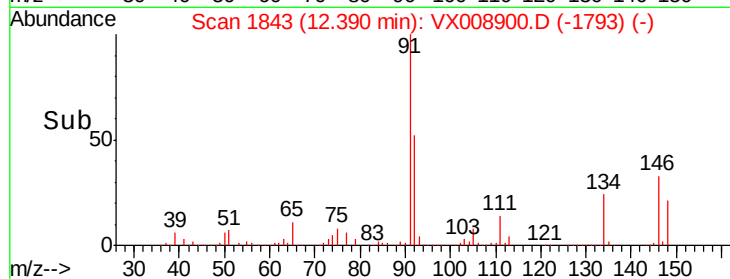
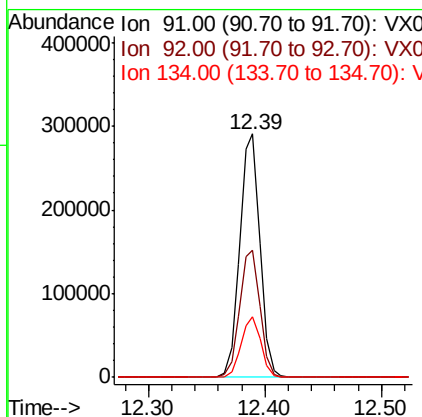
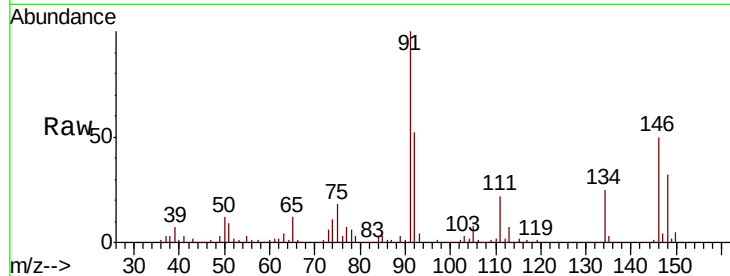




#89
n-Butylbenzene
Concen: 49.520 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX008900.D
Acq: 12 Apr 2019 20:34

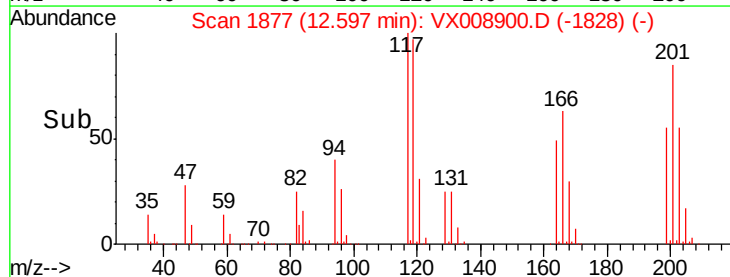
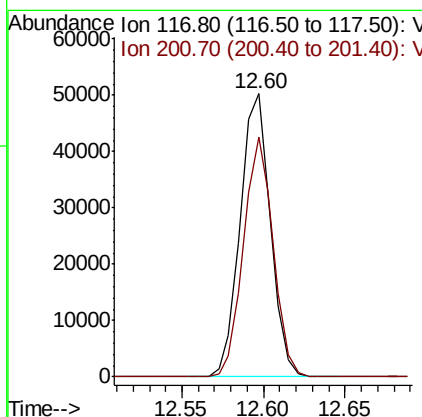
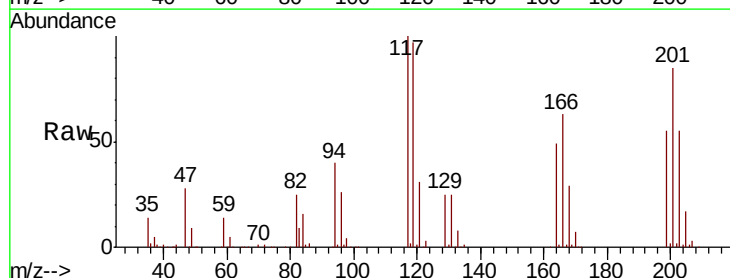
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

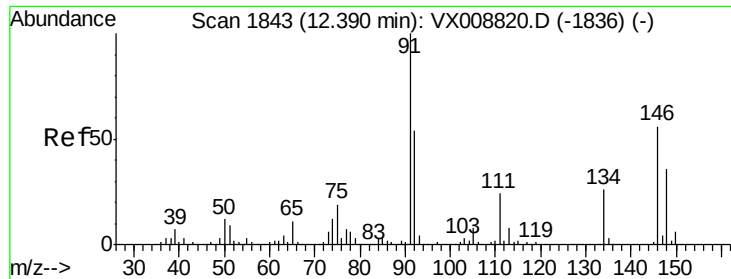
Tot Ion: 91 Resp: 350138
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.2
134 24.5 12.0 36.0



#90
Hexachloroethane
Concen: 52.015 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008900.D
Acq: 12 Apr 2019 20:34

Tgt Ion: 117 Resp: 65045
Ion Ratio Lower Upper
117 100
201 82.8 40.6 122.0

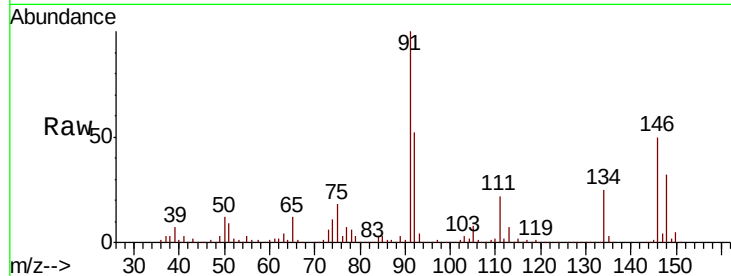




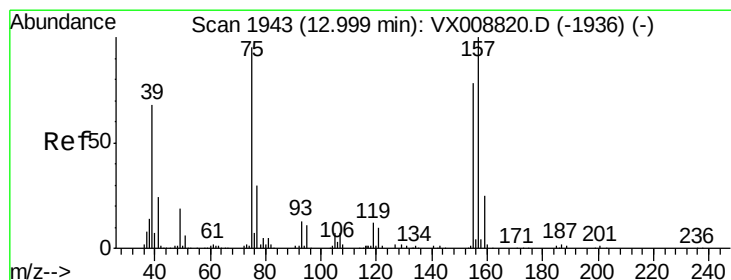
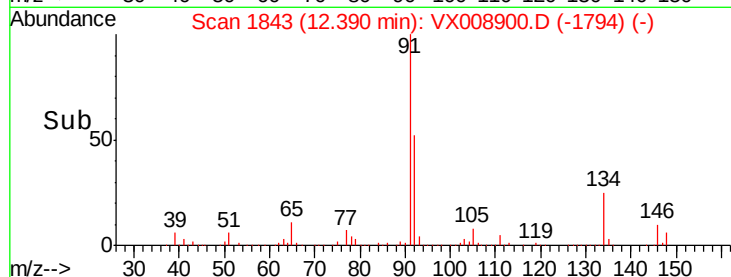
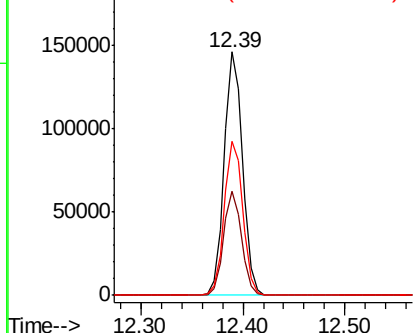
#91
 1,2-Dichlorobenzene
 Concen: 48.758 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008900.D
 Acq: 12 Apr 2019 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 182447
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.3 63.9
 148 63.8 31.7 95.1

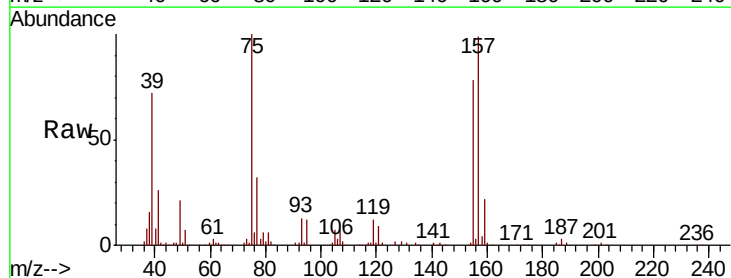


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

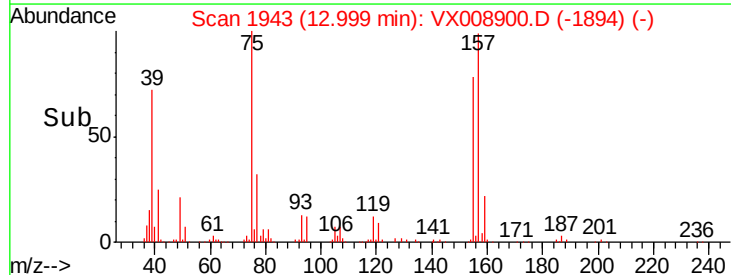
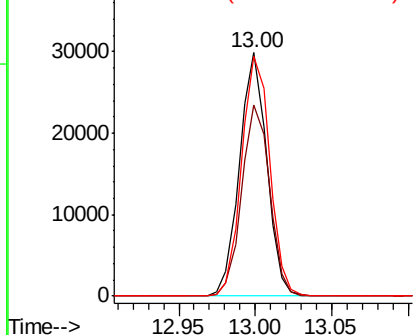


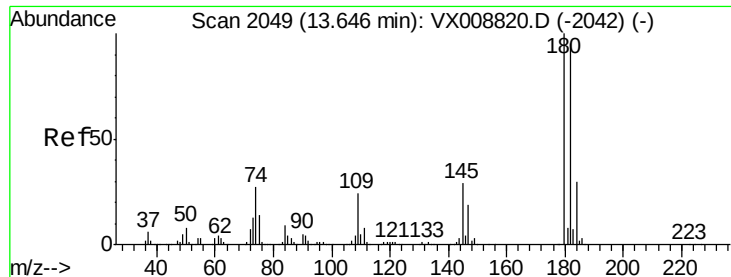
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.471 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008900.D
 Acq: 12 Apr 2019 20:34

Tgt Ion: 75 Resp: 36976
 Ion Ratio Lower Upper
 75 100
 155 80.2 39.9 119.6
 157 101.8 51.5 154.7



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

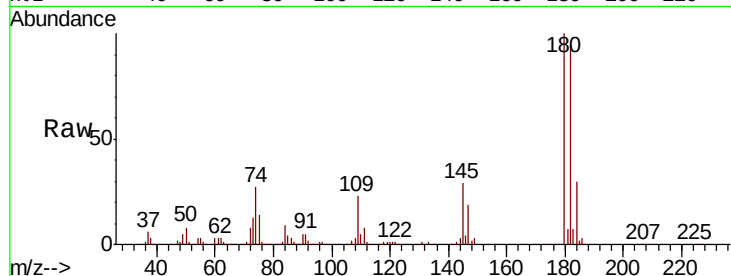




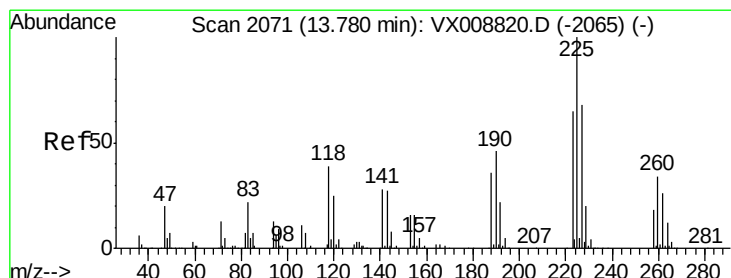
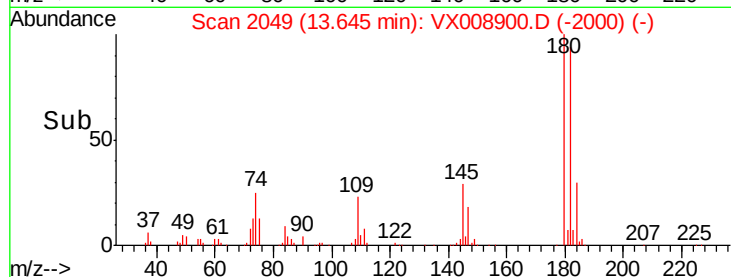
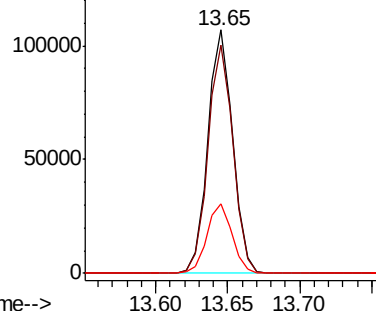
#93
 1,2,4-Trichlorobenzene
 Concen: 49.315 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008900.D
 Acq: 12 Apr 2019 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 128302
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.2 141.6
 145 29.2 15.3 45.9

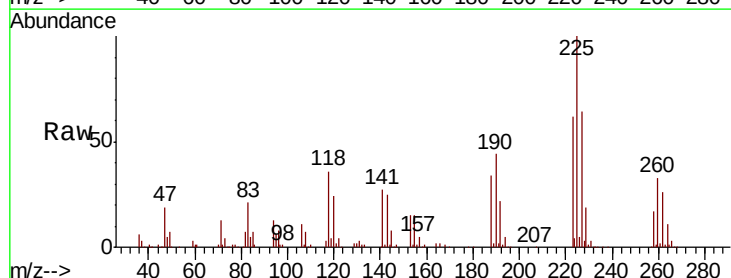


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

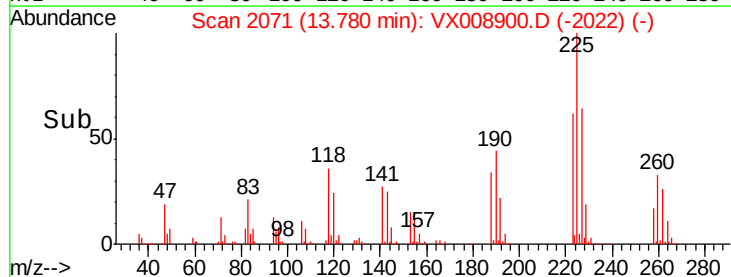
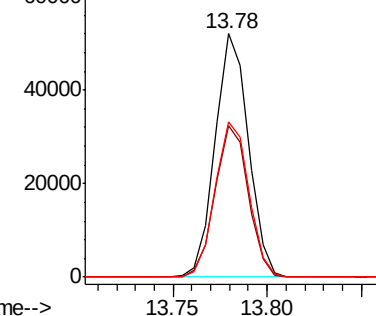


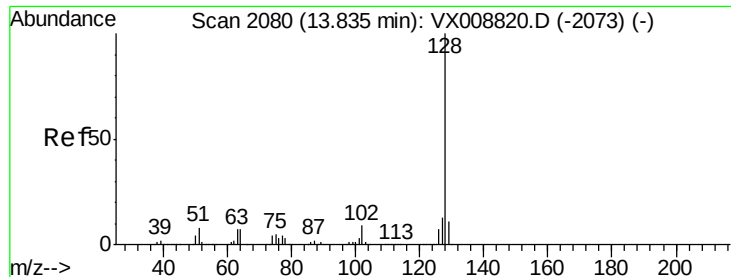
#94
 Hexachlorobutadiene
 Concen: 51.243 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008900.D
 Acq: 12 Apr 2019 20:34

Tgt Ion:225 Resp: 63937
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.2 93.6
 227 64.7 31.9 95.5



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: 50.052 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

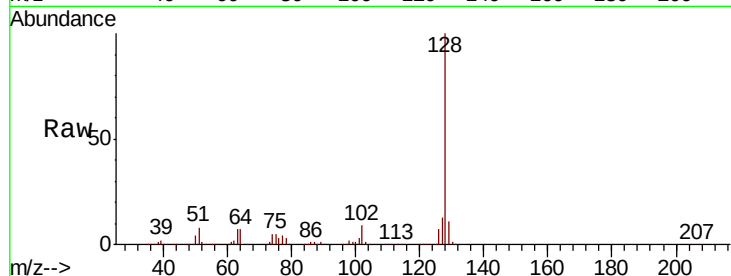
Tot Ion:128 Resp: 435224

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.0 8.6 13.0

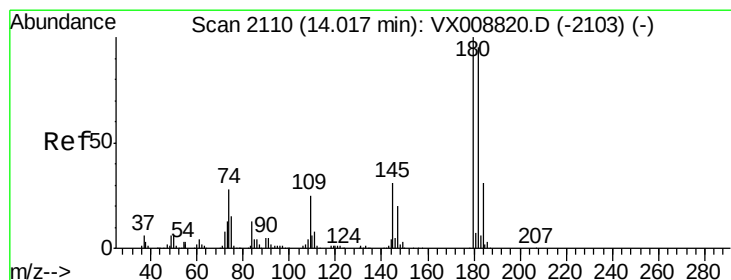
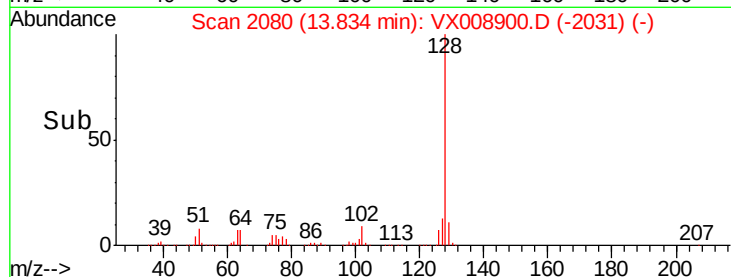
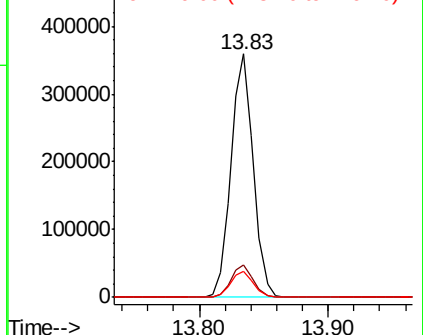


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.614 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008900.D

Acq: 12 Apr 2019 20:34

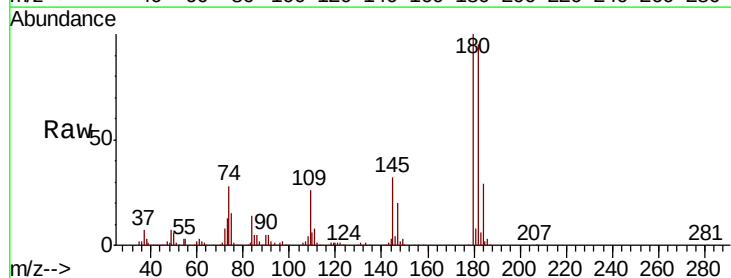
Tgt Ion:180 Resp: 128968

Ion Ratio Lower Upper

180 100

182 95.5 48.1 144.3

145 31.2 16.3 48.8



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

