

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008206.D
 Acq On : 19 Mar 2019 22:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 20 07:13:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	294760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	494176	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	438228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	202613	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	202549	45.63	ug/l	0.00
Spiked Amount			Recovery	=	91.26%	
35) Dibromofluoromethane	5.50	113	153116	46.28	ug/l	0.00
Spiked Amount			Recovery	=	92.56%	
50) Toluene-d8	8.71	98	590027	47.04	ug/l	0.00
Spiked Amount			Recovery	=	94.08%	
62) 4-Bromofluorobenzene	11.13	95	209861	48.59	ug/l	0.00
Spiked Amount			Recovery	=	97.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	181065	50.666	ug/l	100
3) Chloromethane	1.33	50	208841	46.573	ug/l	98
4) Vinyl Chloride	1.41	62	217748	48.703	ug/l	99
5) Bromomethane	1.64	94	186748	49.035	ug/l	98
6) Chloroethane	1.72	64	135103	48.195	ug/l	99
7) Trichlorofluoromethane	1.93	101	270371	47.385	ug/l	98
8) Diethyl Ether	2.19	74	154253	52.545	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	187464	49.485	ug/l	90
10) Methyl Iodide	2.51	142	257579	53.400	ug/l	96
11) Tert butyl alcohol	3.05	59	241371	253.981	ug/l	99
12) 1,1-Dichloroethene	2.37	96	184479	51.581	ug/l	91
13) Acrolein	2.29	56	140838	208.745	ug/l	97
14) Allyl chloride	2.73	41	402553	51.705	ug/l	94
15) Acrylonitrile	3.14	53	652025	259.389	ug/l	98
16) Acetone	2.45	43	573937	227.948	ug/l	97
17) Carbon Disulfide	2.57	76	565204	48.436	ug/l	99
18) Methyl Acetate	2.78	43	315378	54.105	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	681641	52.712	ug/l	99
20) Methylene Chloride	2.86	84	211344	50.338	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	196283	50.802	ug/l	92
22) Diisopropyl ether	3.86	45	806241	52.875	ug/l	91
23) Vinyl Acetate	3.82	43	3524834	269.629	ug/l	97
24) 1,1-Dichloroethane	3.70	63	407341	51.941	ug/l	98
25) 2-Butanone	4.68	43	950672	255.786	ug/l	97
26) 2,2-Dichloropropane	4.59	77	275733	46.672	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	226779	51.487	ug/l	92
28) Bromochloromethane	5.02	49	174045	49.423	ug/l	83
29) Tetrahydrofuran	5.13	42	629604	270.983	ug/l	97
30) Chloroform	5.21	83	381758	52.040	ug/l	99
31) Cyclohexane	5.58	56	385130	52.297	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	319667	52.384	ug/l	96
36) 1,1-Dichloropropene	5.80	75	295177	51.304	ug/l	96
37) Ethyl Acetate	4.84	43	364262	53.558	ug/l	98
38) Carbon Tetrachloride	5.79	117	266362	51.959	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	351165	50.719	ug/l	92
40) Benzene	6.15	78	891142	52.330	ug/l	99
41) Methacrylonitrile	5.05	41	205346	53.826	ug/l	96
42) 1,2-Dichloroethane	6.20	62	322216	51.651	ug/l	96
43) Isopropyl Acetate	6.45	43	583662	53.539	ug/l	97
44) Trichloroethene	7.21	130	214063	51.410	ug/l	89
45) 1,2-Dichloropropane	7.51	63	247564	51.931	ug/l	99
46) Dibromomethane	7.66	93	146665	50.814	ug/l	87
47) Bromodichloromethane	7.90	83	293926	53.434	ug/l #	99
48) Methyl methacrylate	7.77	41	309219	53.345	ug/l	93
49) 1,4-Dioxane	7.74	88	103424	1011.088	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	1905460	270.362	ug/l	97
52) Toluene	8.79	92	532951	52.753	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	331234	48.138	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	359218	52.619	ug/l #	91
55) 1,1,2-Trichloroethane	9.21	97	218460	53.520	ug/l	96
56) Ethyl methacrylate	9.18	69	362500	50.623	ug/l #	91
57) 1,3-Dichloropropane	9.37	76	385637	53.406	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	827439	247.411	ug/l	94
59) 2-Hexanone	9.49	43	1419536	261.619	ug/l	96
60) Dibromochloromethane	9.59	129	217288	55.390	ug/l	99
61) 1,2-Dibromoethane	9.67	107	225527	52.914	ug/l	100
64) Tetrachloroethene	9.34	164	207635	52.517	ug/l	95
65) Chlorobenzene	10.14	112	559920	51.926	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	202348	53.822	ug/l	99
67) Ethyl Benzene	10.25	91	1010618	53.185	ug/l	98
68) m/p-Xylenes	10.36	106	742159	106.324	ug/l	94
69) o-Xylene	10.70	106	360535	53.156	ug/l	94
70) Styrene	10.71	104	596323	54.099	ug/l	95
71) Bromoform	10.85	173	156931	48.514	ug/l #	99
73) Isopropylbenzene	11.02	105	963580	53.354	ug/l	98
74) N-amyl acetate	10.90	43	504395	53.307	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	330541	51.041	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	405519	71.160	ug/l	90
77) Bromobenzene	11.26	156	230528	52.794	ug/l	86
78) n-propylbenzene	11.36	91	1122331	53.506	ug/l	96
79) 2-Chlorotoluene	11.42	91	663332	52.688	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	796499	53.383	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	105711	47.367	ug/l	93
82) 4-Chlorotoluene	11.51	91	768886	52.482	ug/l	95
83) tert-Butylbenzene	11.77	119	747583	52.480	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	806413	53.313	ug/l	98
85) sec-Butylbenzene	11.94	105	942923	53.451	ug/l	97
86) p-Isopropyltoluene	12.06	119	811388	53.137	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	404791	51.872	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	405114	50.188	ug/l	97
89) n-Butylbenzene	12.38	91	750582	52.372	ug/l	96
90) Hexachloroethane	12.60	117	140755	54.124	ug/l	83
91) 1,2-Dichlorobenzene	12.39	146	404284	51.381	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	72822	50.628	ug/l	80

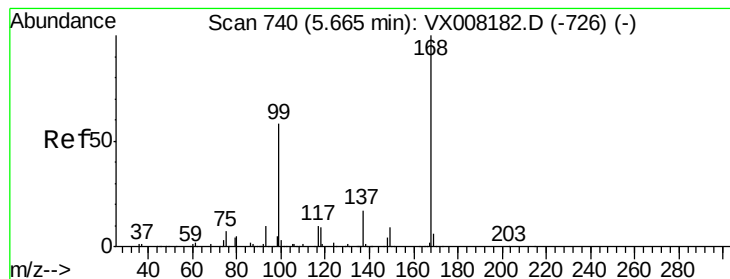
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031919\
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Quant Title : SW846 8260
QLast Update : Wed Mar 20 06:51:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	265144	51.158	ug/l	99
94) Hexachlorobutadiene	13.78	225	128225	50.728	ug/l	98
95) Naphthalene	13.83	128	877329	53.633	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	263505	51.670	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

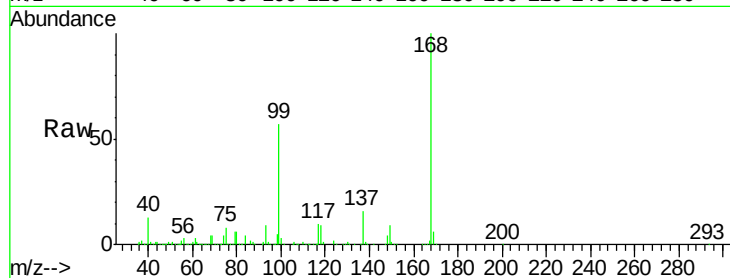
VSTDCCC050

Tot Ion:168 Resp: 294760

Ion Ratio Lower Upper

168 100

99 56.9 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

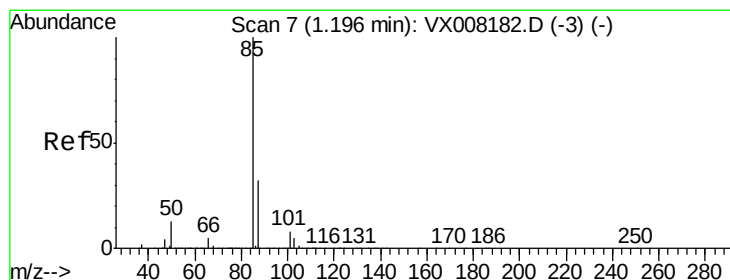
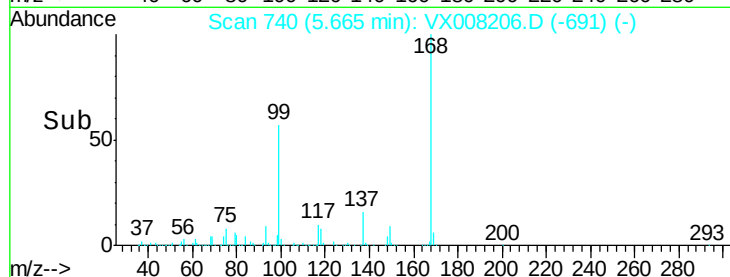
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.666 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008206.D

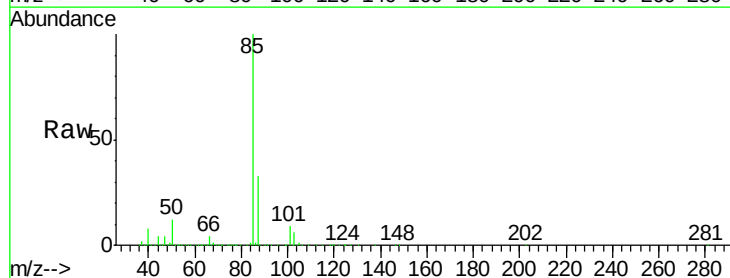
Acq: 19 Mar 2019 22:13

Tgt Ion: 85 Resp: 181065

Ion Ratio Lower Upper

85 100

87 32.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

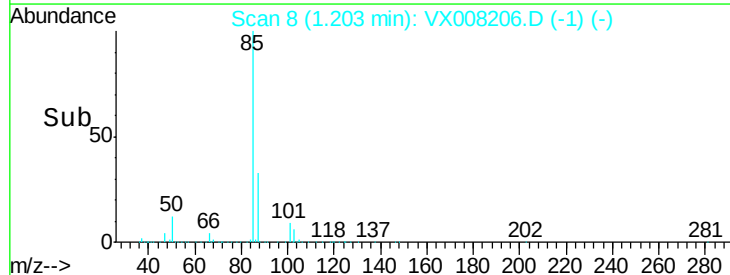
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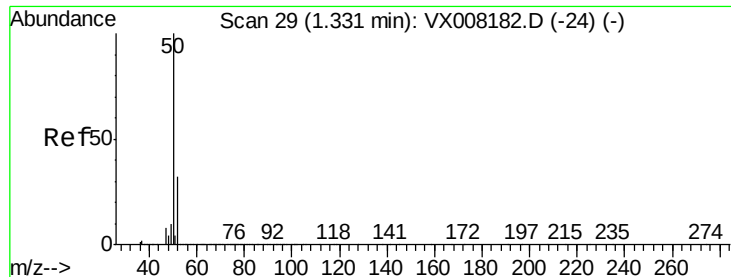
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50000

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Time-->





#3

Chloromethane

Concen: 46.573 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

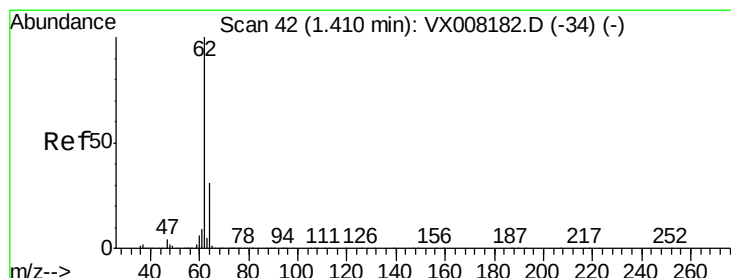
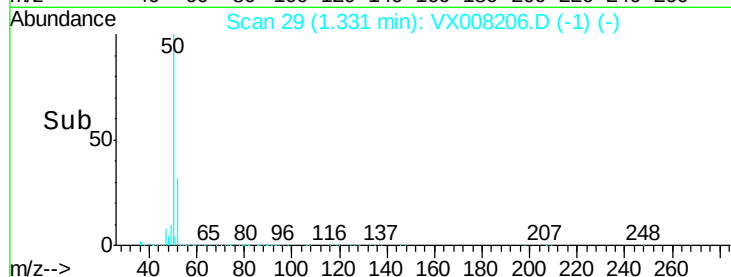
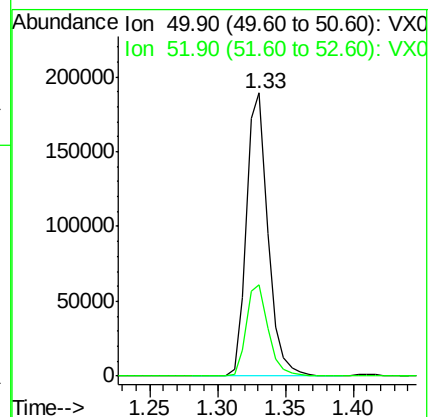
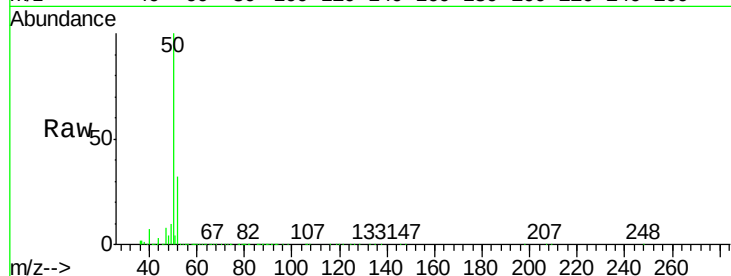
VSTDCCC050

Tot Ion: 50 Resp: 208841

Ion Ratio Lower Upper

50 100

52 32.0 26.5 39.7



#4

Vinyl Chloride

Concen: 48.703 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008206.D

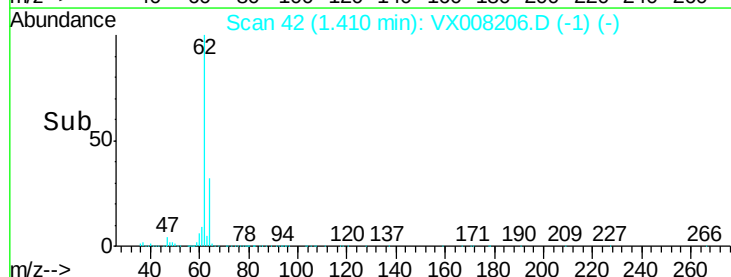
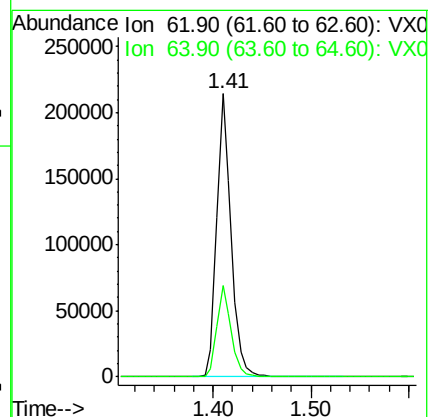
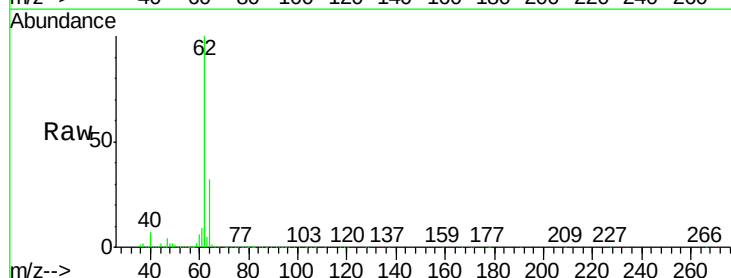
Acq: 19 Mar 2019 22:13

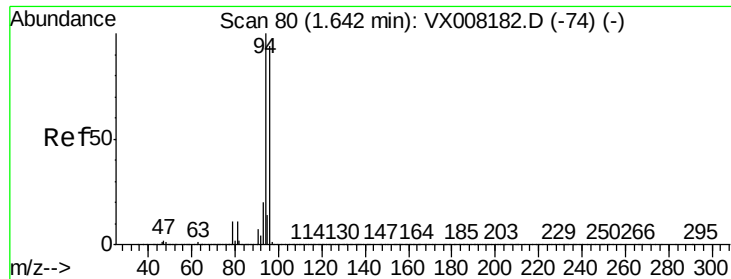
Tgt Ion: 62 Resp: 217748

Ion Ratio Lower Upper

62 100

64 32.0 25.3 37.9





#5

Bromomethane

Concen: 49.035 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

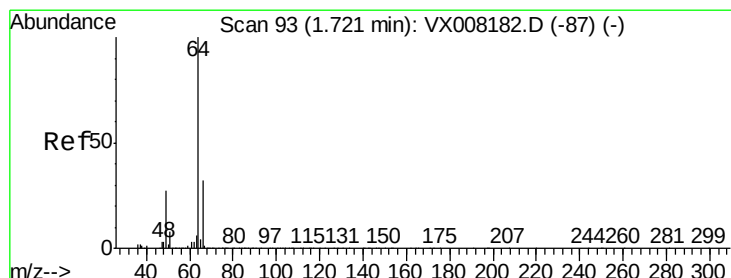
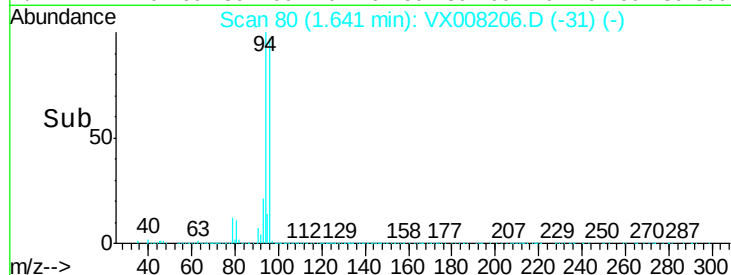
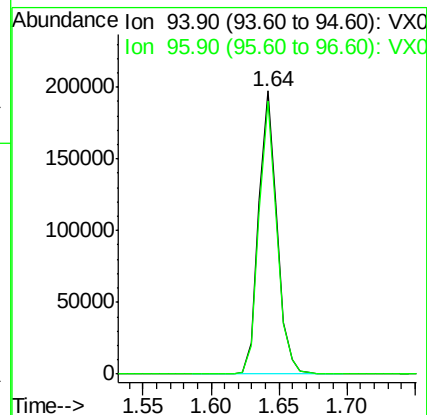
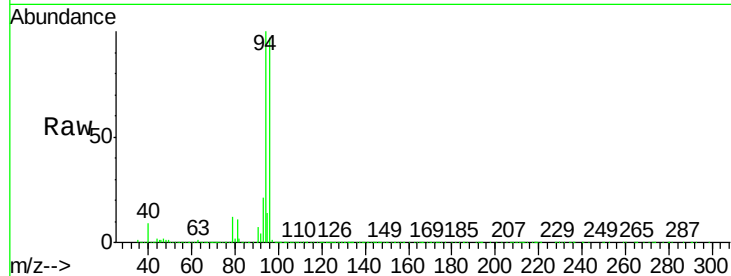
VSTDCCC050

Tot Ion: 94 Resp: 186748

Ion Ratio Lower Upper

94 100

96 96.7 75.5 113.3



#6

Chloroethane

Concen: 48.195 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008206.D

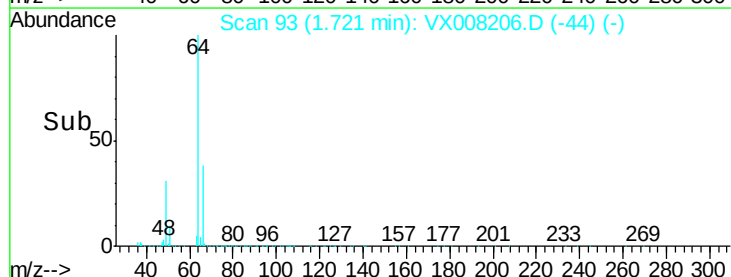
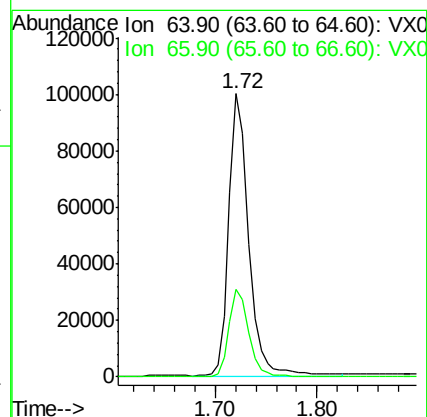
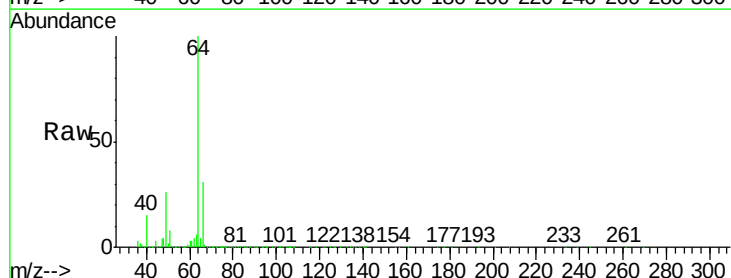
Acq: 19 Mar 2019 22:13

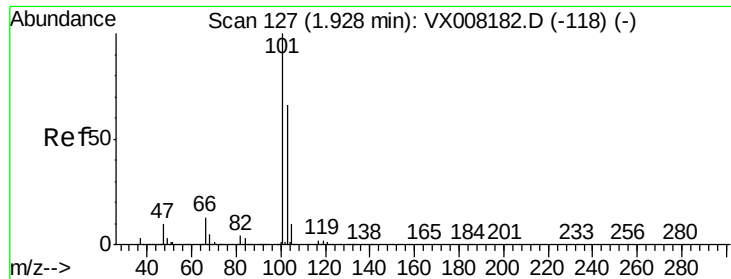
Tgt Ion: 64 Resp: 135103

Ion Ratio Lower Upper

64 100

66 30.9 25.2 37.8



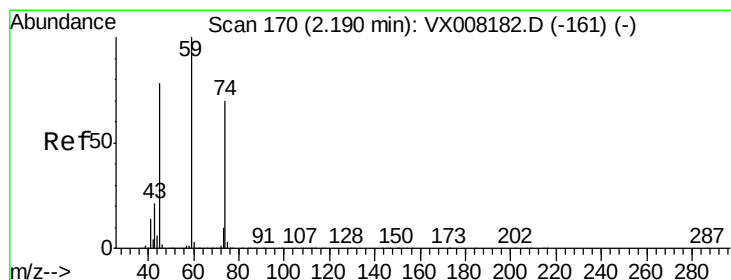
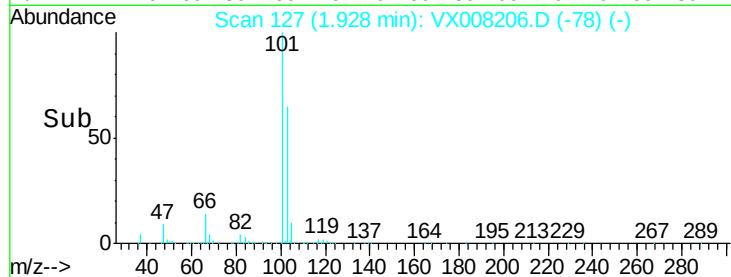
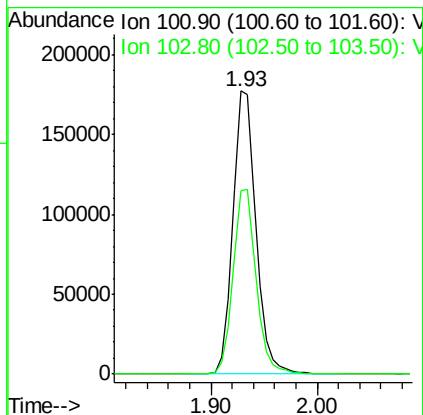
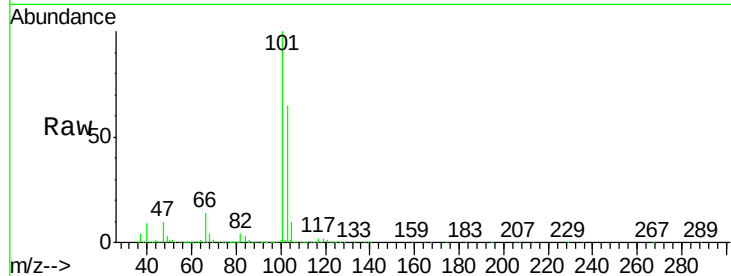


#7

Trichlorofluoromethane
Concen: 47.385 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX008206.D
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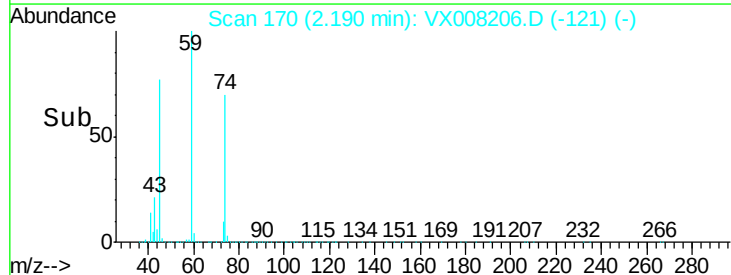
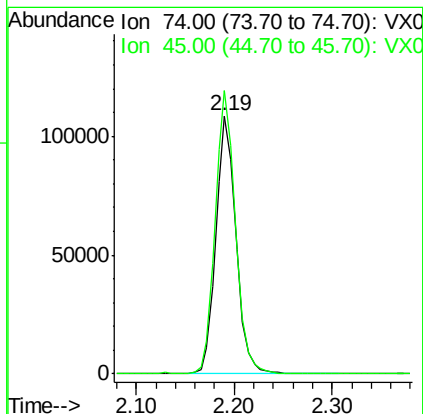
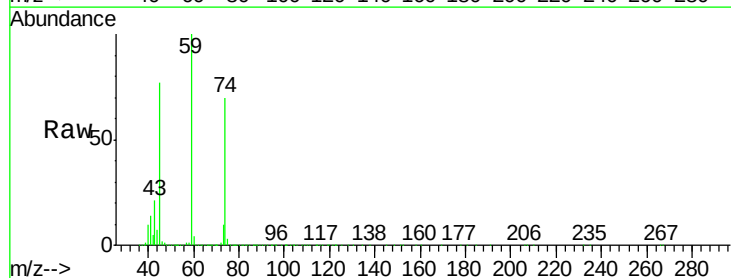
Tot Ion:101 Resp: 270371
Ion Ratio Lower Upper
101 100
103 64.8 50.4 75.6

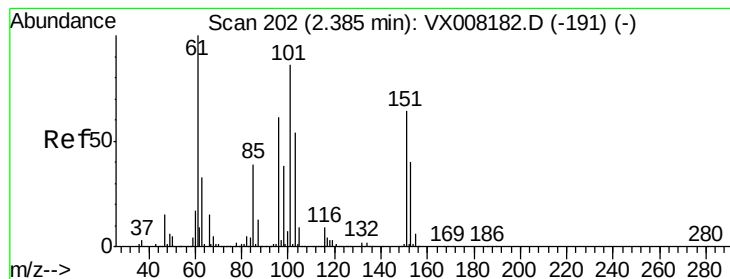


#8

Diethyl Ether
Concen: 52.545 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

Tgt Ion: 74 Resp: 154253
Ion Ratio Lower Upper
74 100
45 110.0 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.485 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

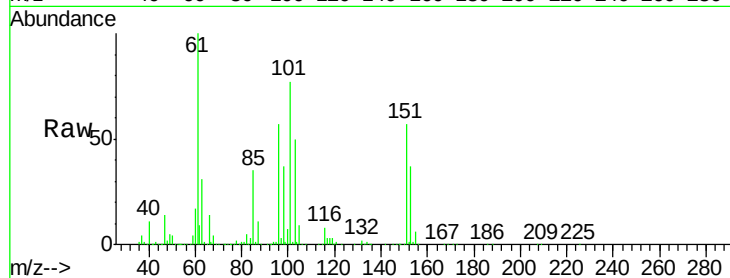
Tot Ion:101 Resp: 187464

Ion Ratio Lower Upper

101 100

85 45.6 33.8 50.6

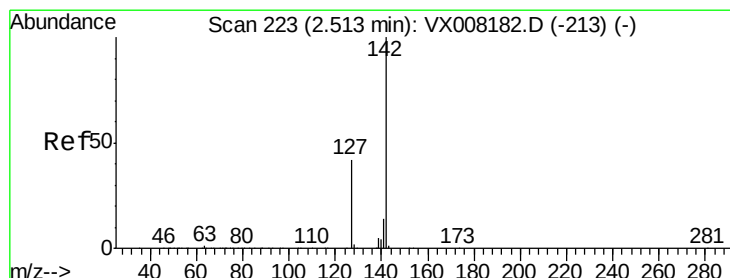
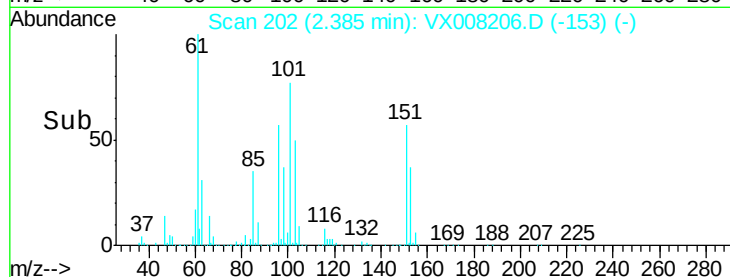
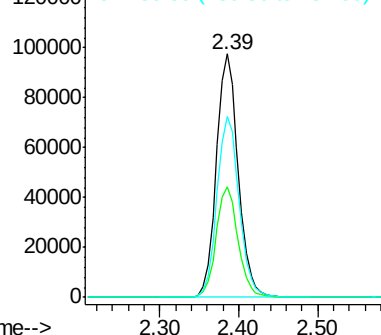
151 75.8 69.1 103.7



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: 53.400 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

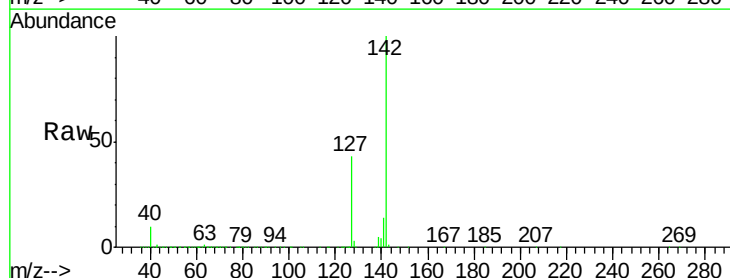
Tgt Ion:142 Resp: 257579

Ion Ratio Lower Upper

142 100

127 43.3 32.1 48.1

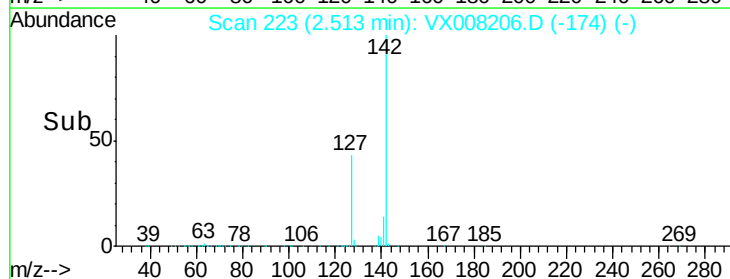
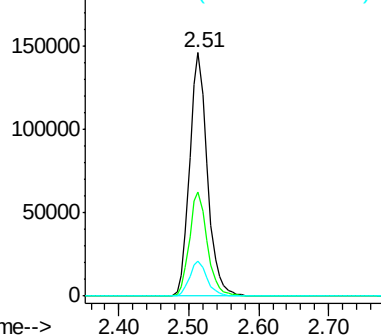
141 14.2 11.4 17.2

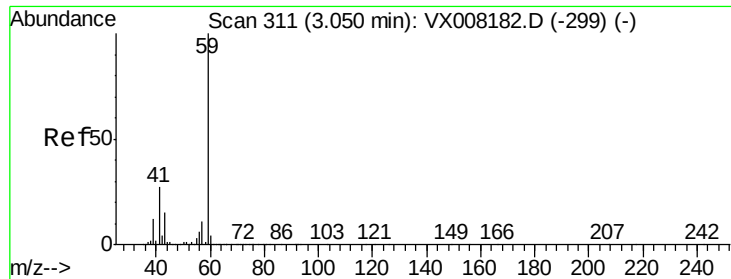


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



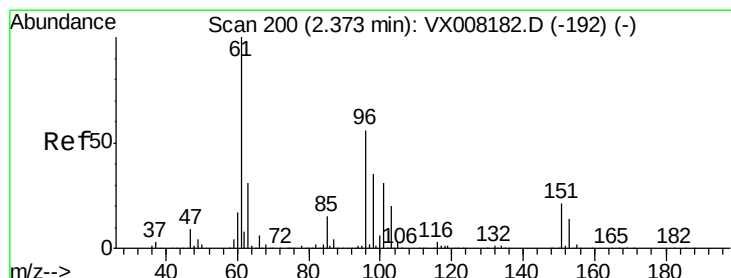
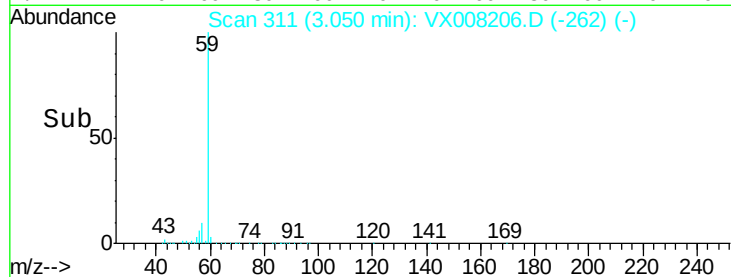
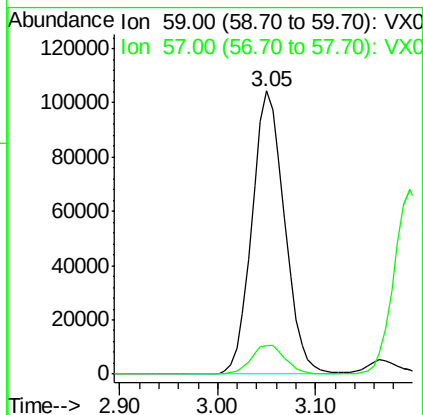
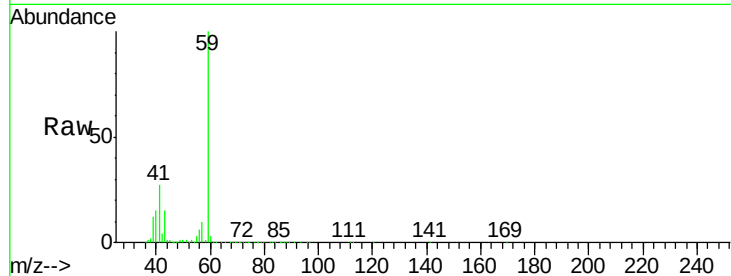


#11

Tert butyl alcohol
Concen: 253.981 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

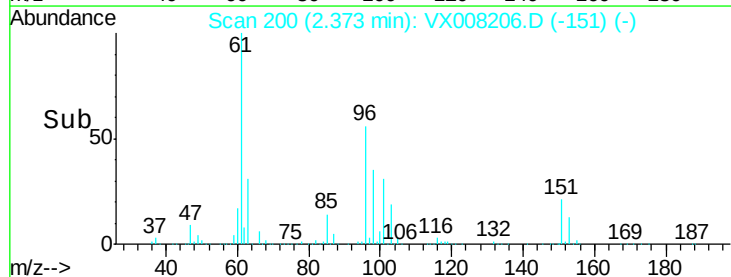
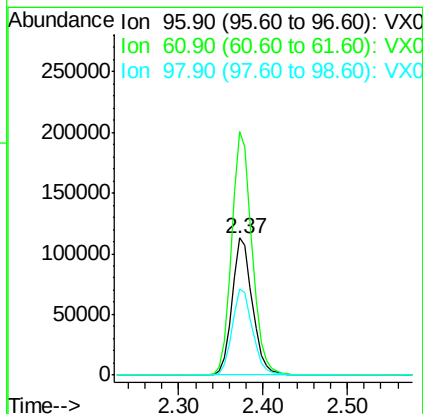
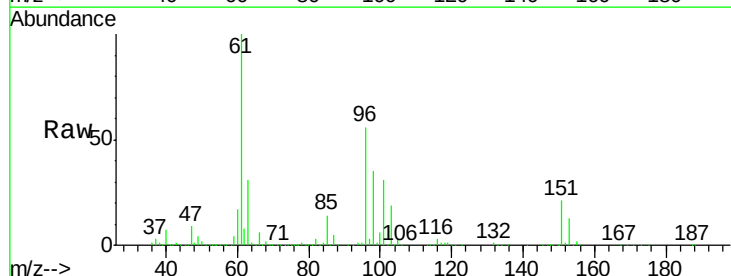
Tot Ion: 59 Resp: 241371
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2

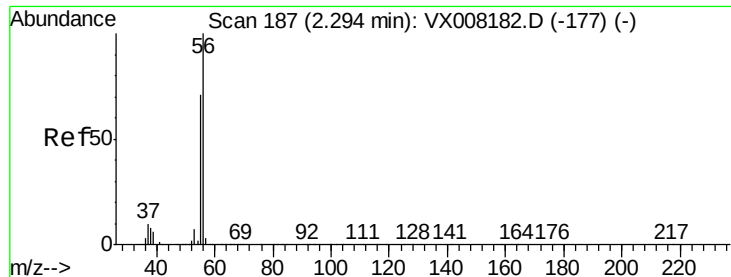


#12

1,1-Dichloroethene
Concen: 51.581 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

Tgt Ion: 96 Resp: 184479
Ion Ratio Lower Upper
96 100
61 177.3 129.8 194.6
98 62.7 51.0 76.6





#13

Acrolein

Concen: 208.745 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

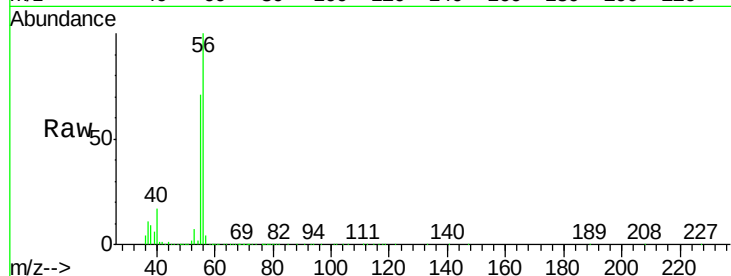
VSTDCCC050

Tot Ion: 56 Resp: 140838

Ion Ratio Lower Upper

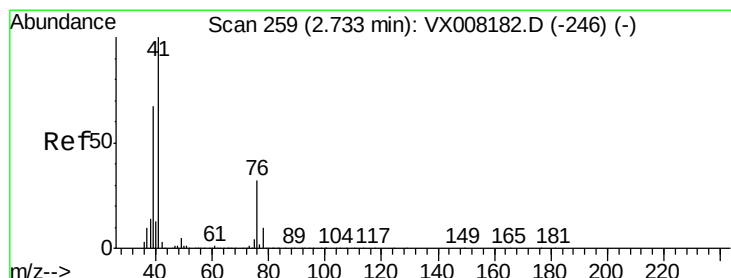
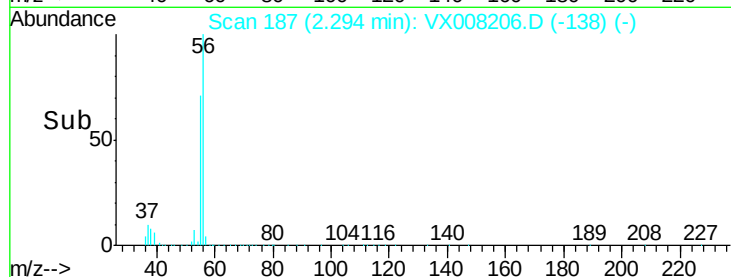
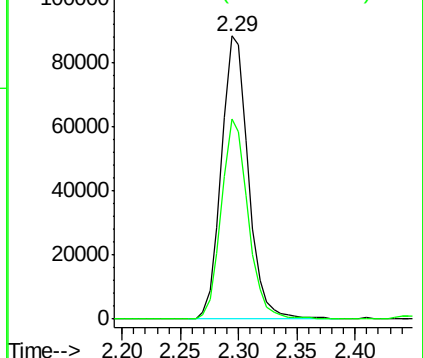
56 100

55 70.0 57.8 86.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 51.705 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

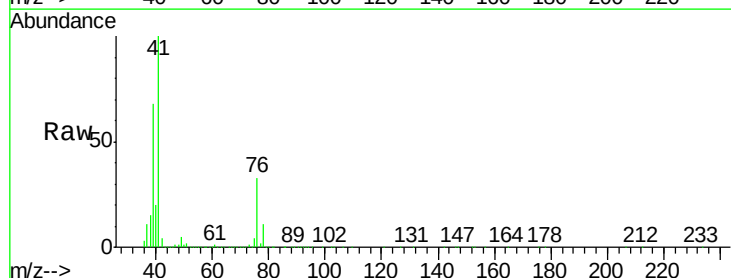
Tgt Ion: 41 Resp: 402553

Ion Ratio Lower Upper

41 100

39 64.4 46.1 69.1

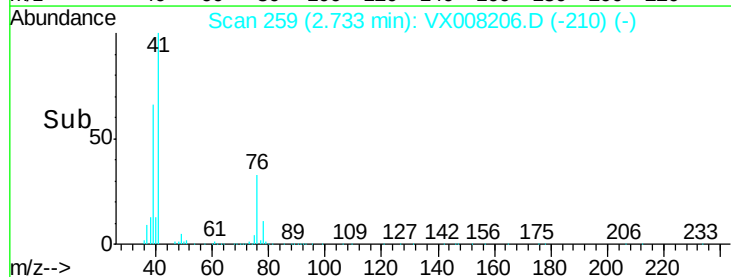
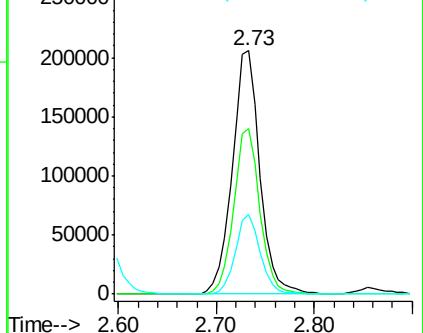
76 29.4 24.0 36.0

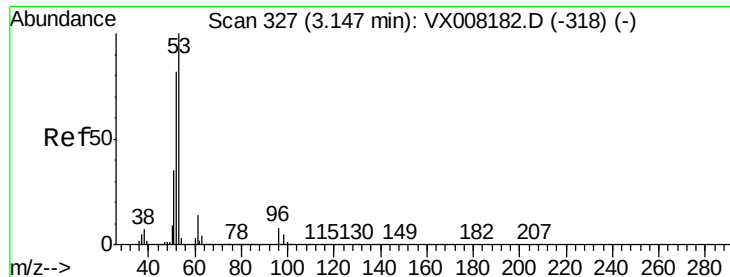


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 259.389 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

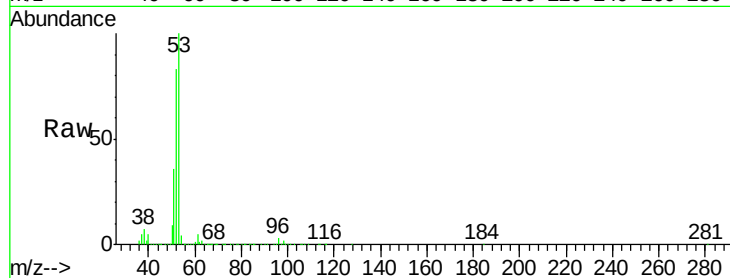
Tot Ion: 53 Resp: 652025

Ion Ratio Lower Upper

53 100

52 83.7 66.0 99.0

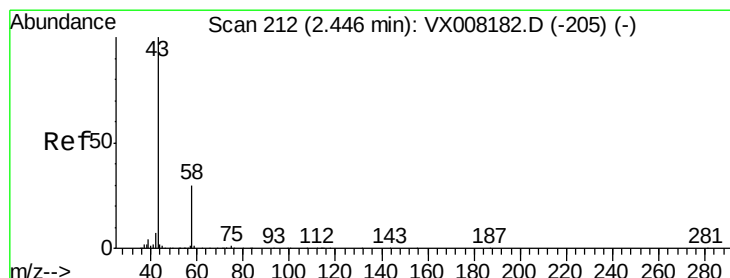
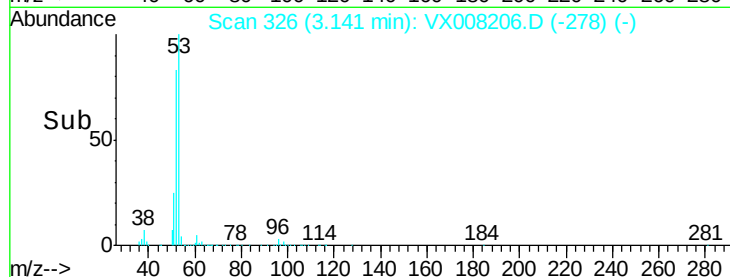
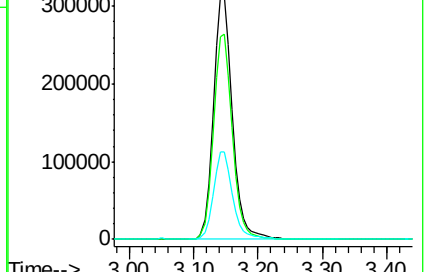
51 36.2 28.0 42.0



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: 227.948 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008206.D

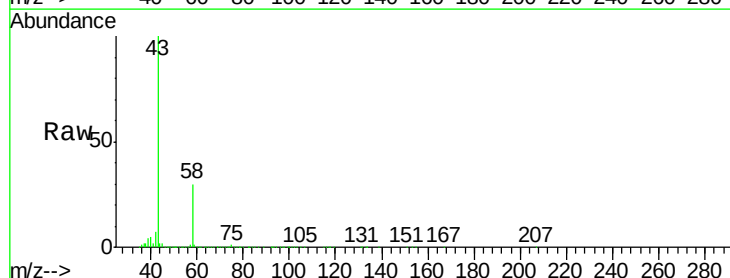
Acq: 19 Mar 2019 22:13

Tgt Ion: 43 Resp: 573937

Ion Ratio Lower Upper

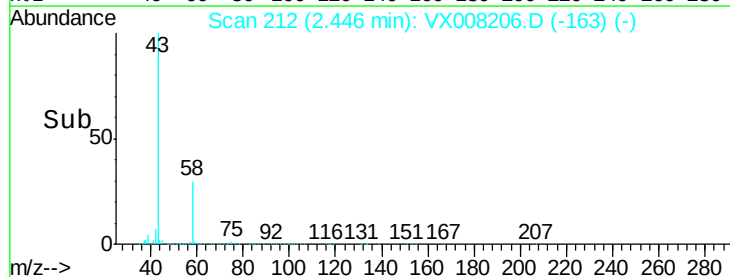
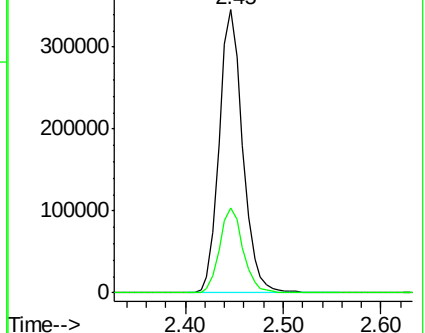
43 100

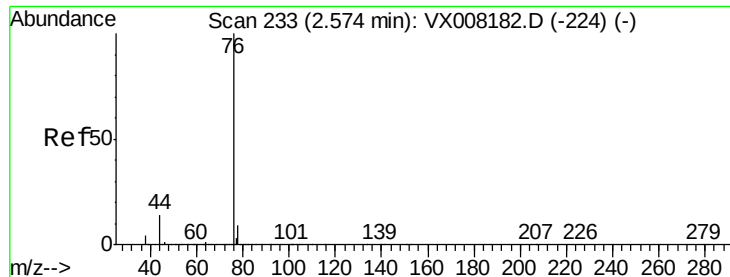
58 30.0 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.436 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

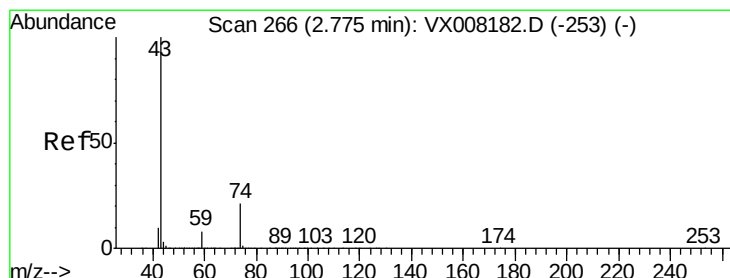
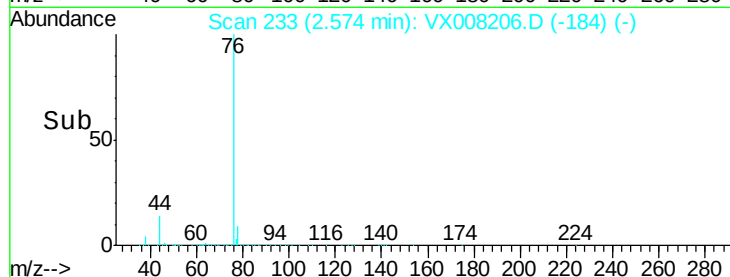
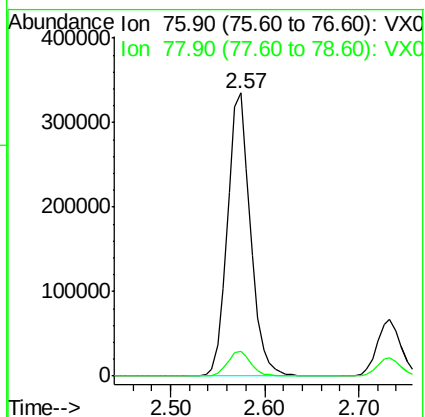
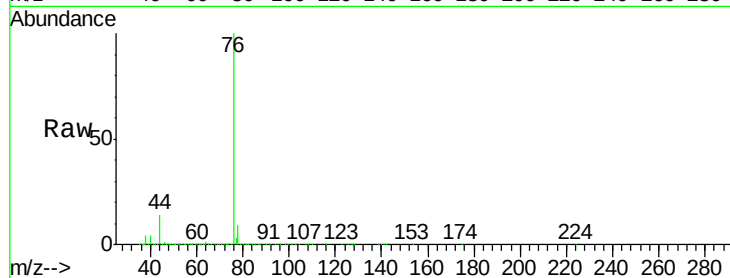
VSTDCCC050

Tot Ion: 76 Resp: 565204

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8



#18

Methyl Acetate

Concen: 54.105 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008206.D

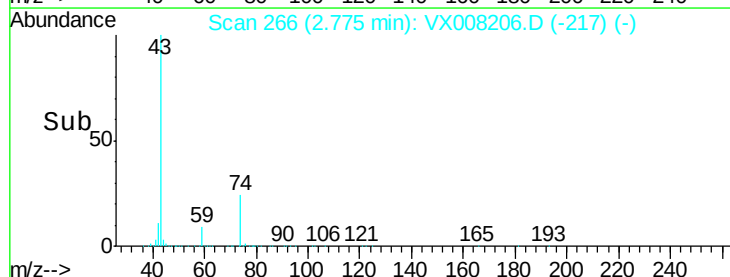
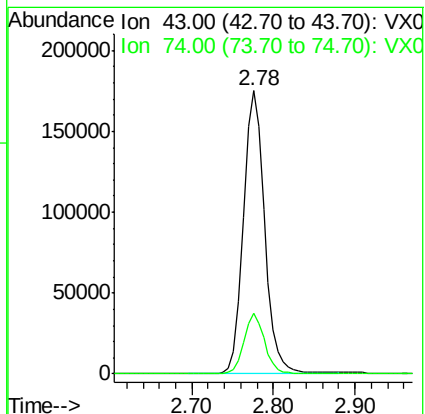
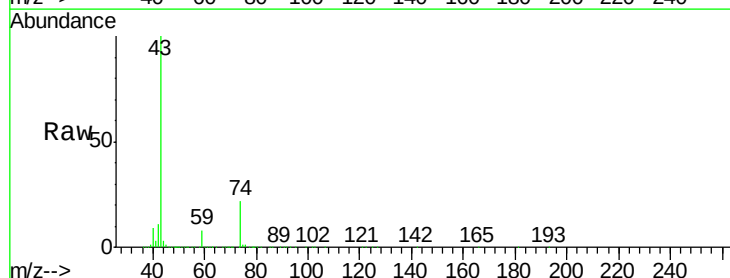
Acq: 19 Mar 2019 22:13

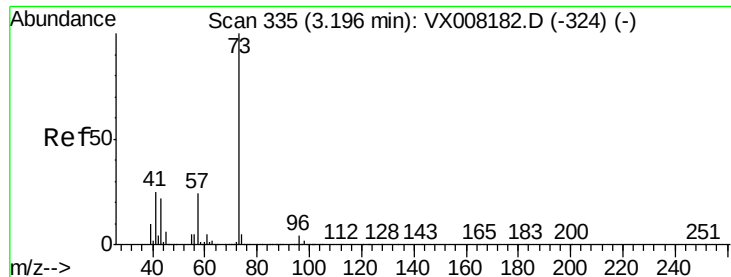
Tgt Ion: 43 Resp: 315378

Ion Ratio Lower Upper

43 100

74 21.2 17.8 26.6



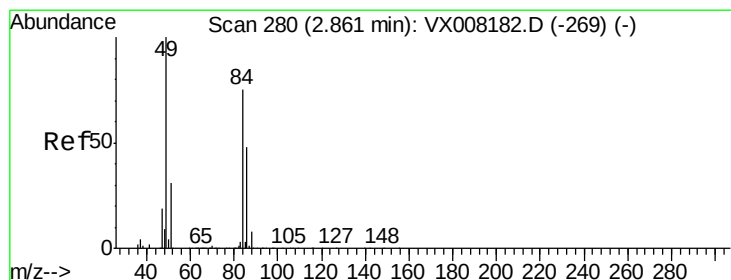
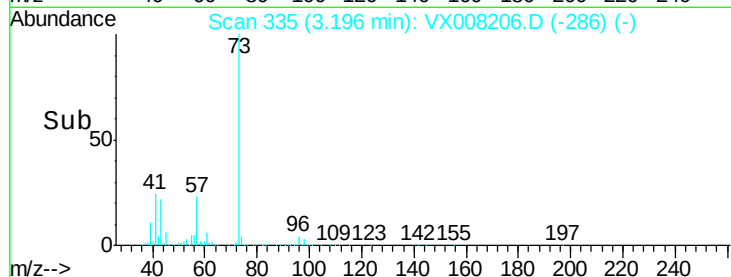
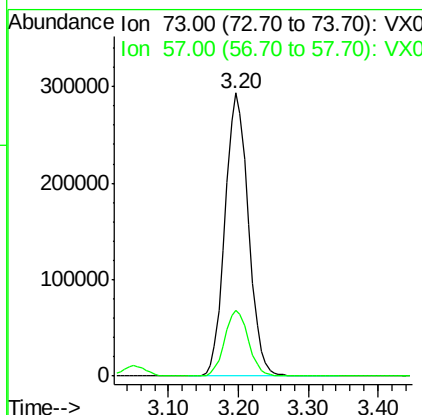
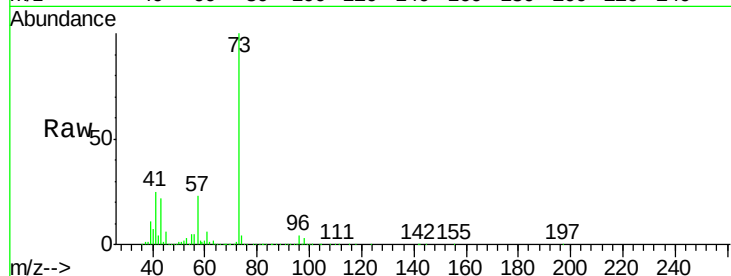


#19

Methyl tert-butyl Ether
 Concen: 52.712 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX008206.D
 Acq: 19 Mar 2019 22:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

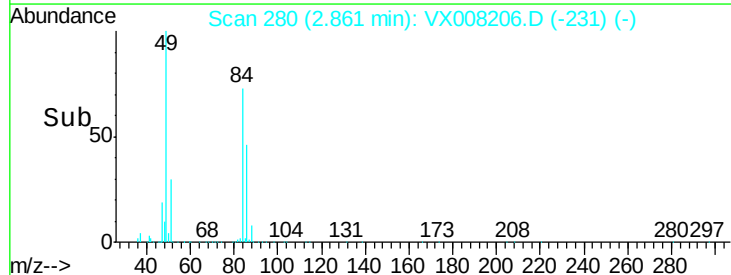
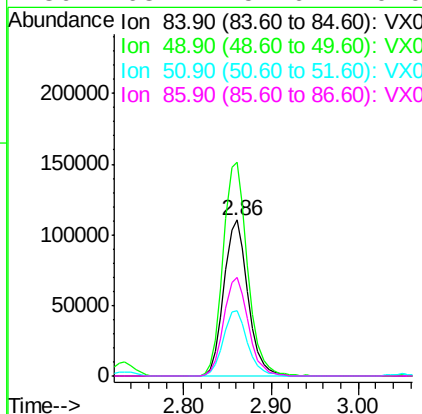
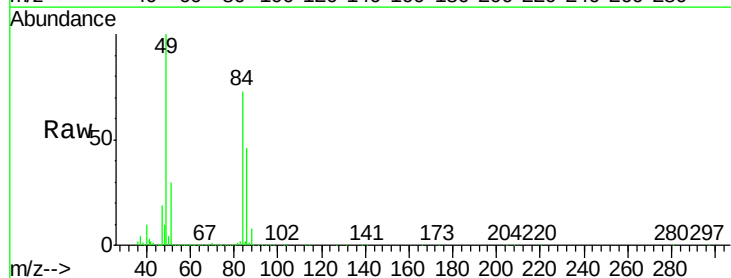
Tot Ion: 73 Resp: 681641
 Ion Ratio Lower Upper
 73 100
 57 23.2 18.2 27.4

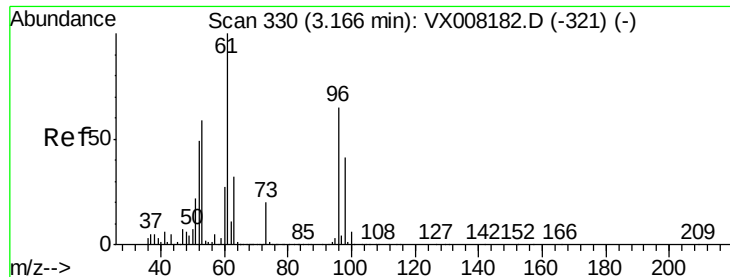


#20

Methylene Chloride
 Concen: 50.338 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX008206.D
 Acq: 19 Mar 2019 22:13

Tgt Ion: 84 Resp: 211344
 Ion Ratio Lower Upper
 84 100
 49 136.9 99.3 148.9
 51 41.5 31.3 46.9
 86 63.1 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 50.802 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

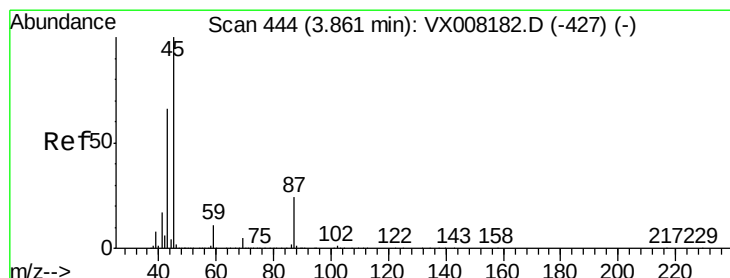
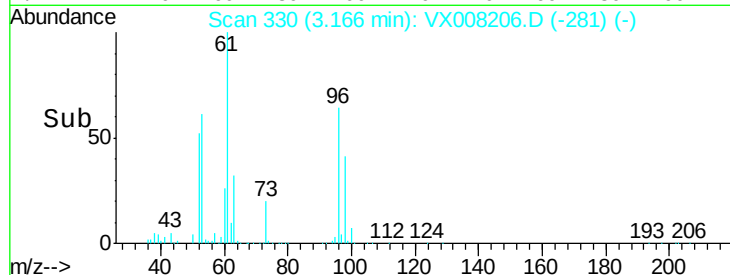
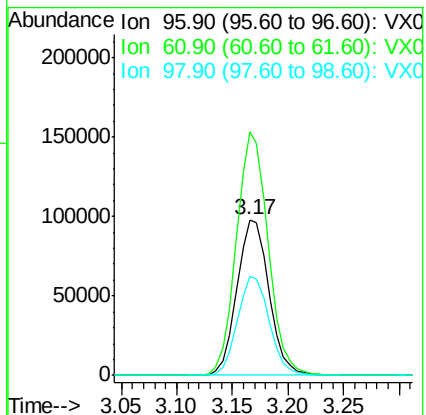
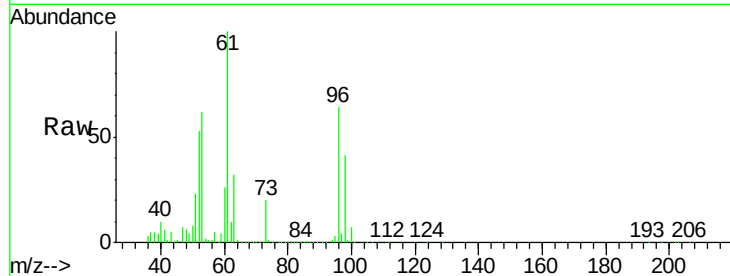
Tot Ion: 96 Resp: 196283

Ion Ratio Lower Upper

96 100

61 156.3 114.4 171.6

98 63.5 51.1 76.7



#22

Diisopropyl ether

Concen: 52.875 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Tgt Ion: 45 Resp: 806241

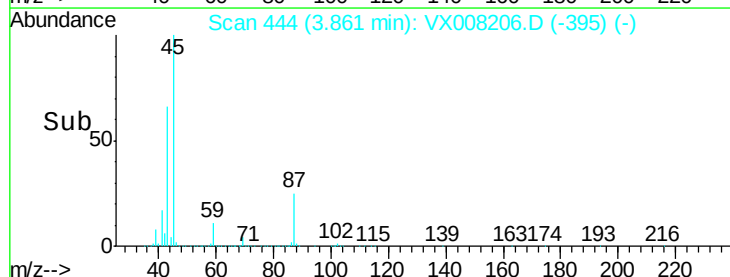
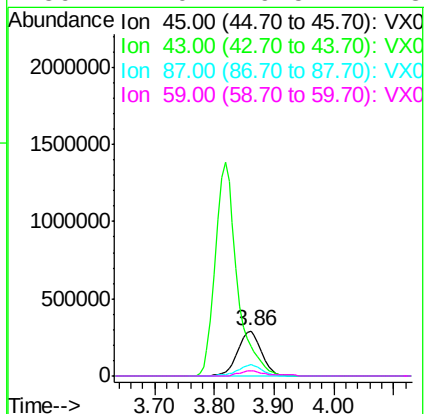
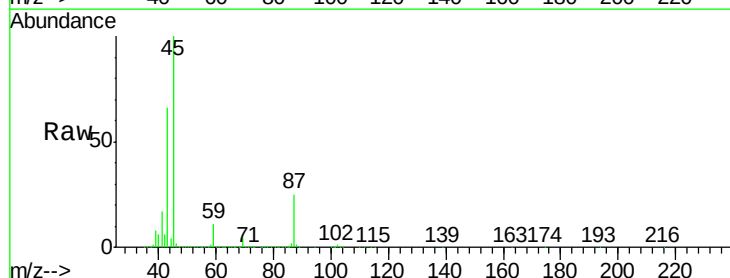
Ion Ratio Lower Upper

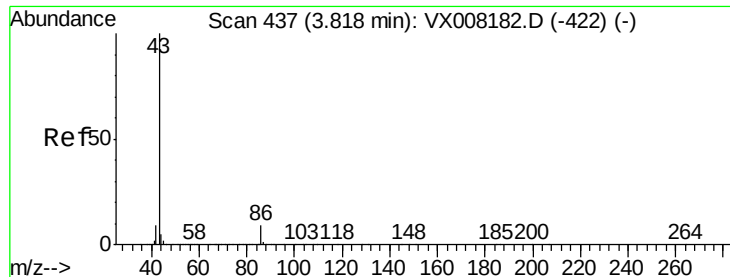
45 100

43 65.8 45.3 67.9

87 24.9 21.4 32.0

59 11.0 9.5 14.3





#23

Vinyl Acetate

Concen: 269.629 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

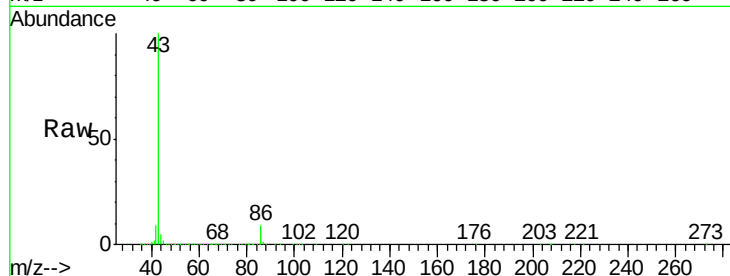
VSTDCCC050

Tot Ion: 43 Resp: 3524834

Ion Ratio Lower Upper

43 100

86 8.9 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1500000

1000000

500000

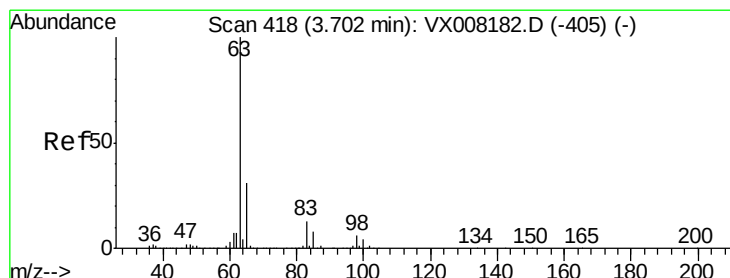
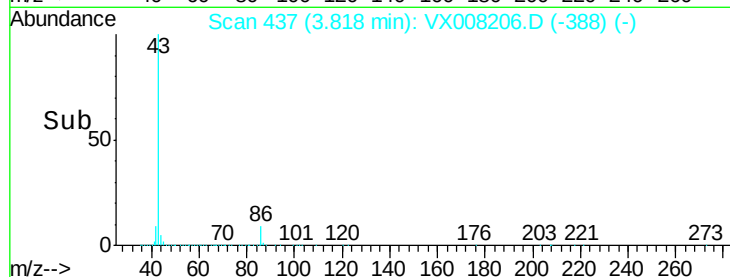
0

3.82

3.80

4.00

Time-->



#24

1,1-Dichloroethane

Concen: 51.941 ug/l

RT: 3.70 min Scan# 418

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

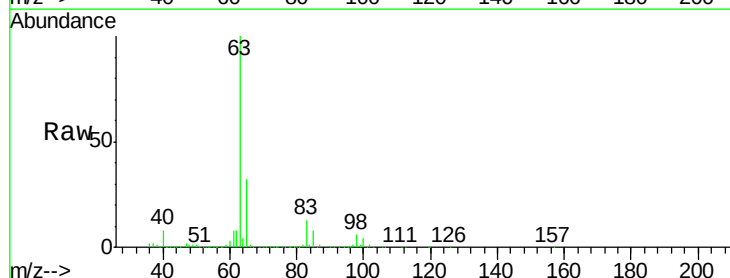
Tgt Ion: 63 Resp: 407341

Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.8

100 3.8 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

200000

150000

100000

50000

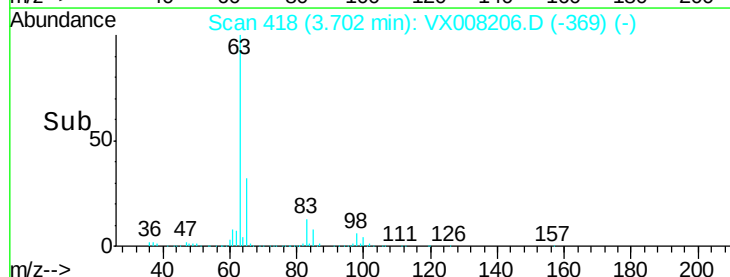
0

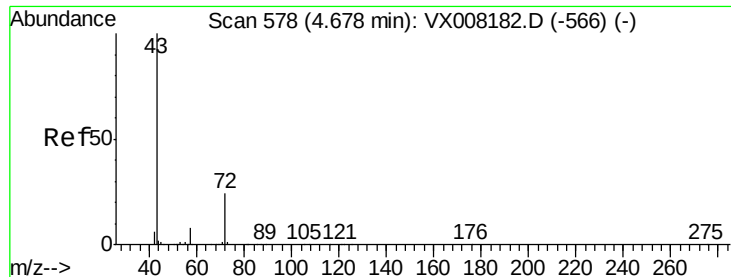
3.70

3.60

3.80

Time-->





#25

2-Butanone

Concen: 255.786 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

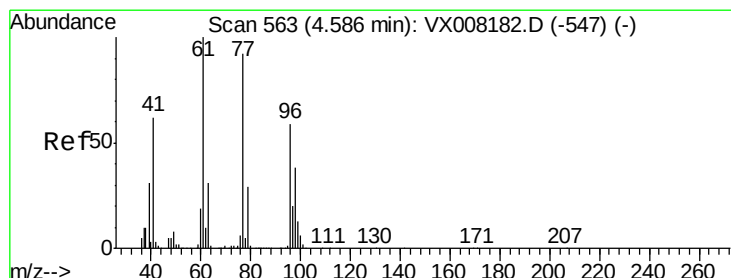
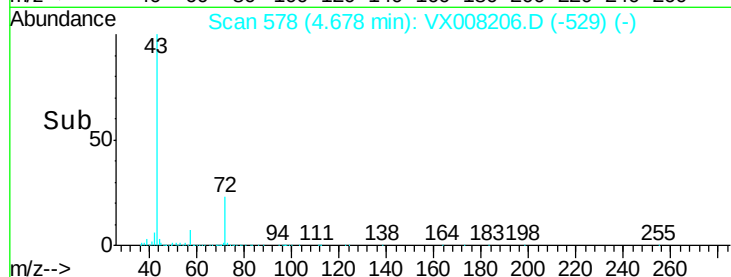
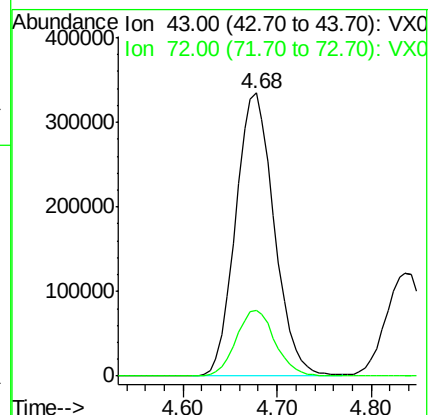
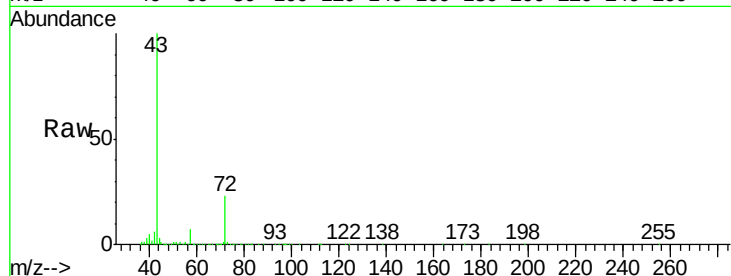
VSTDCCC050

Tot Ion: 43 Resp: 950672

Ion Ratio Lower Upper

43 100

72 23.3 19.9 29.9



#26

2,2-Dichloropropane

Concen: 46.672 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008206.D

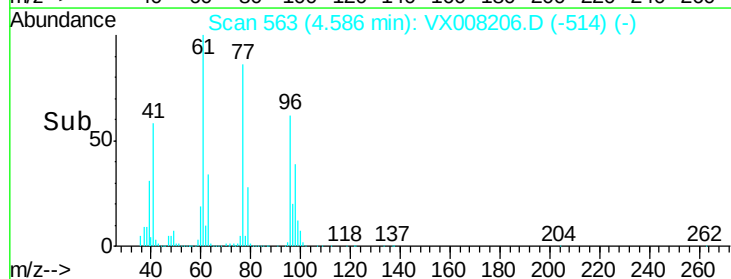
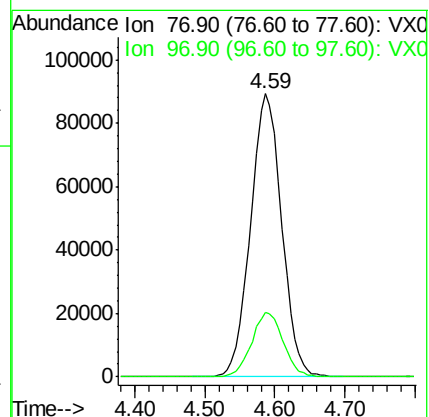
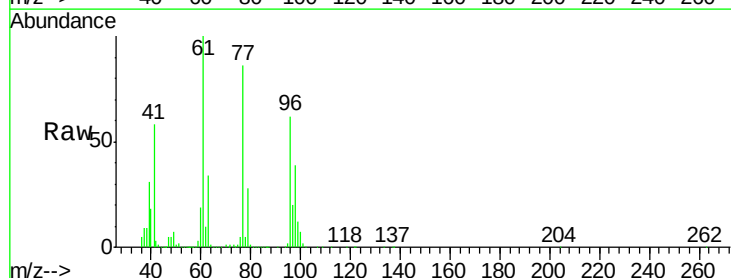
Acq: 19 Mar 2019 22:13

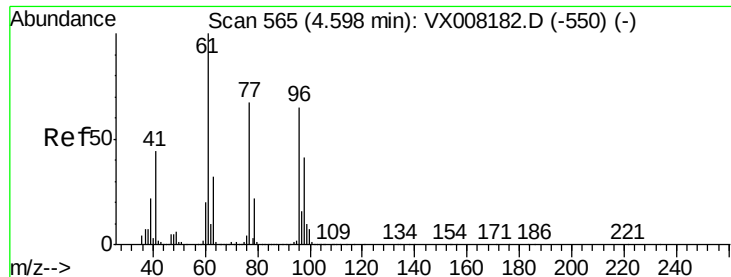
Tgt Ion: 77 Resp: 275733

Ion Ratio Lower Upper

77 100

97 23.2 12.2 36.6



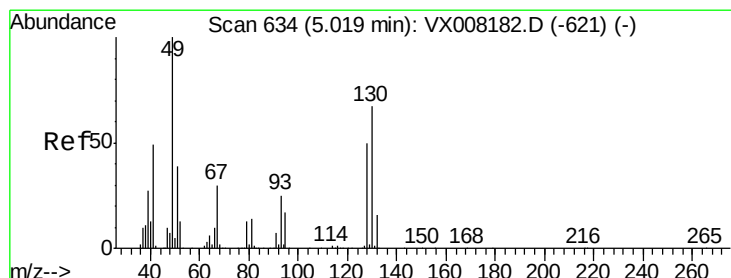
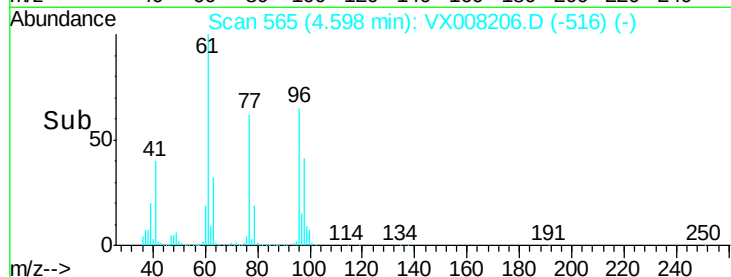
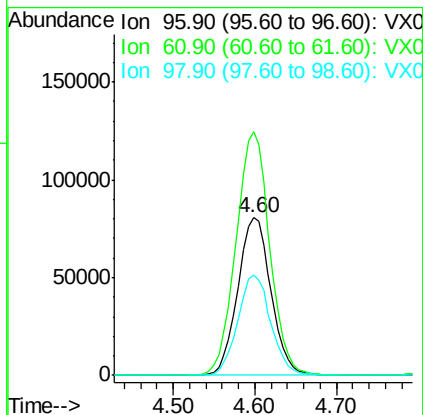
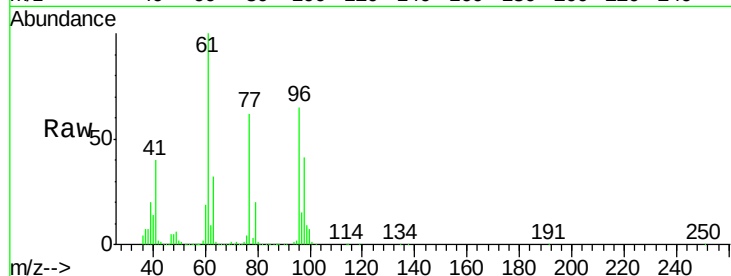


#27

cis-1,2-Dichloroethene
Concen: 51.487 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

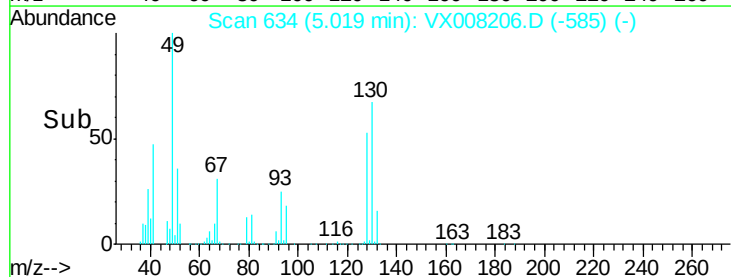
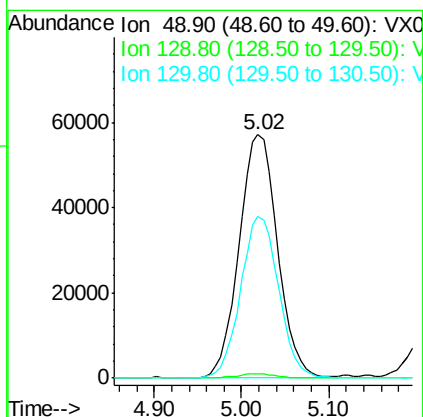
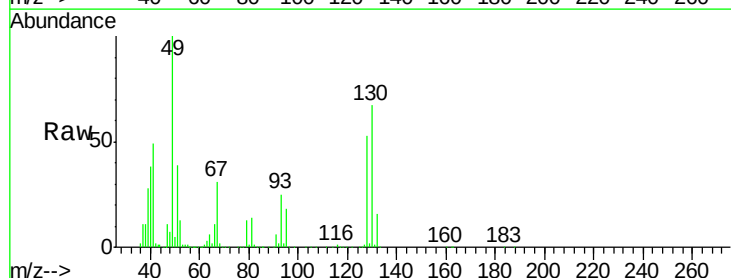
Tot Ion: 96 Resp: 226779
Ion Ratio Lower Upper
96 100
61 157.2 0.0 288.0
98 63.7 0.0 129.0

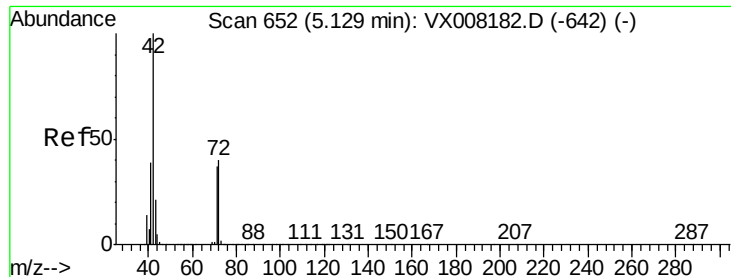


#28

Bromochloromethane
Concen: 49.423 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

Tgt Ion: 49 Resp: 174045
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 65.9 65.0 97.4





#29

Tetrahydrofuran

Concen: 270.983 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

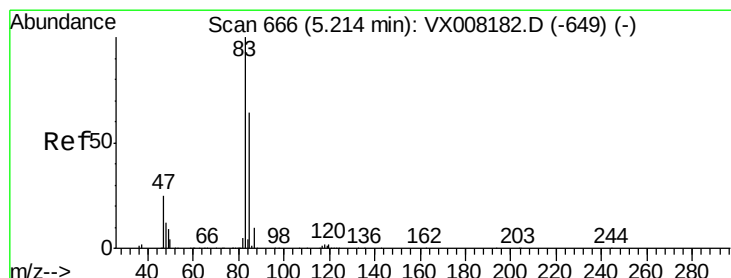
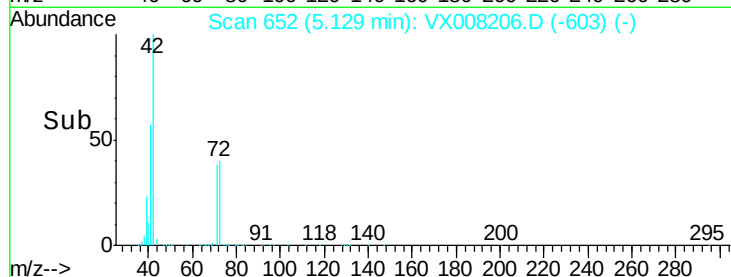
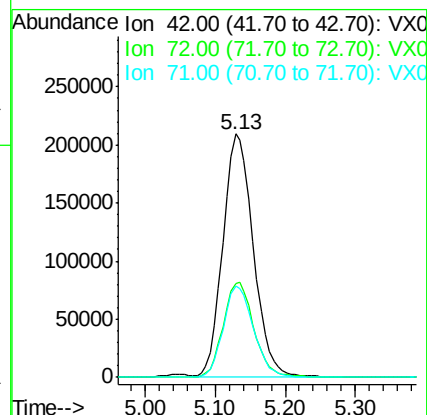
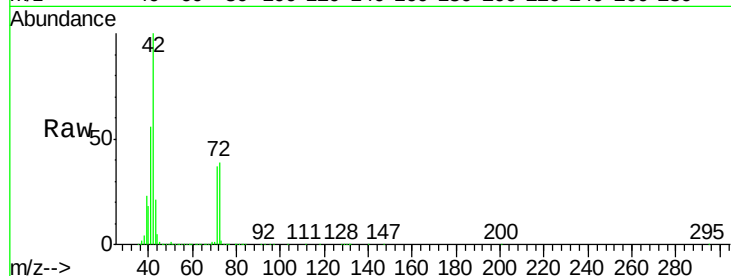
Tot Ion: 42 Resp: 629604

Ion Ratio Lower Upper

42 100

72 39.7 33.8 50.6

71 37.6 31.5 47.3



#30

Chloroform

Concen: 52.040 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008206.D

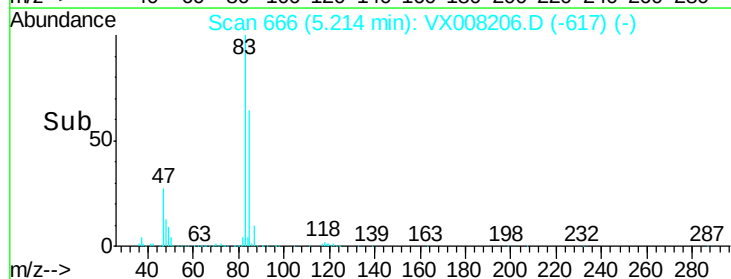
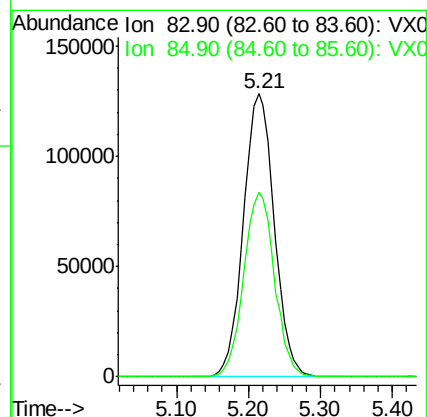
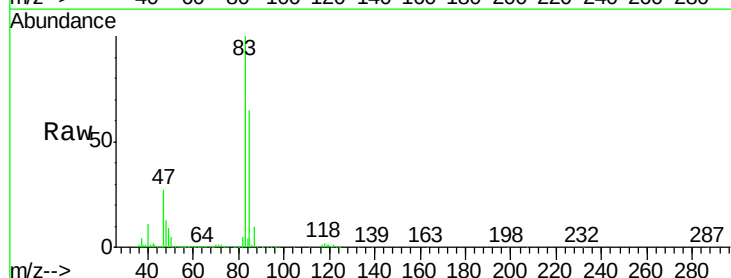
Acq: 19 Mar 2019 22:13

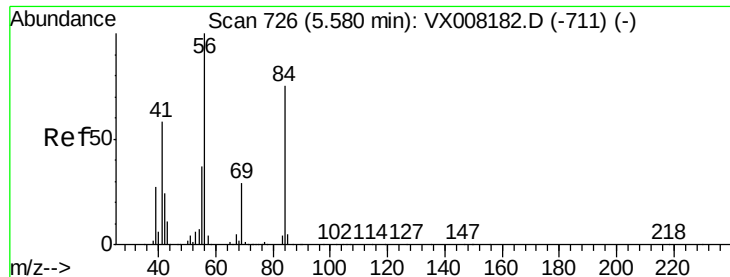
Tgt Ion: 83 Resp: 381758

Ion Ratio Lower Upper

83 100

85 65.5 51.8 77.6

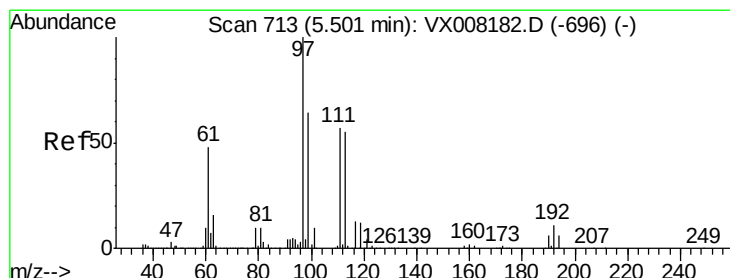
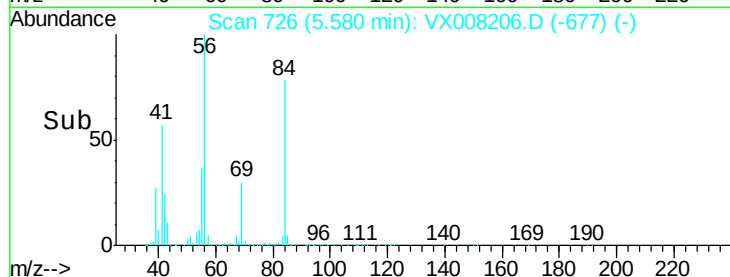
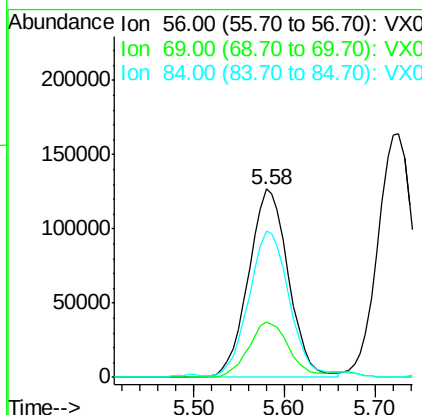
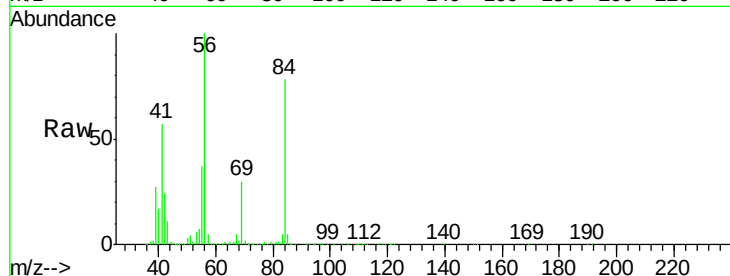




#31
Cyclohexane
Concen: 52.297 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

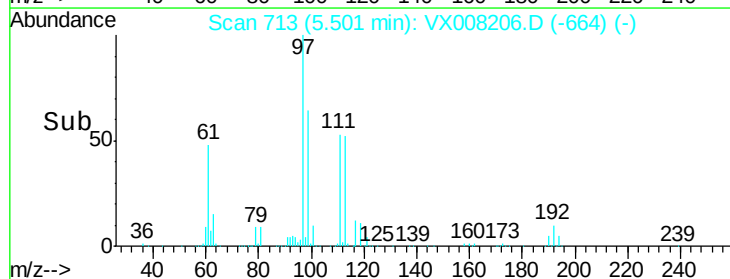
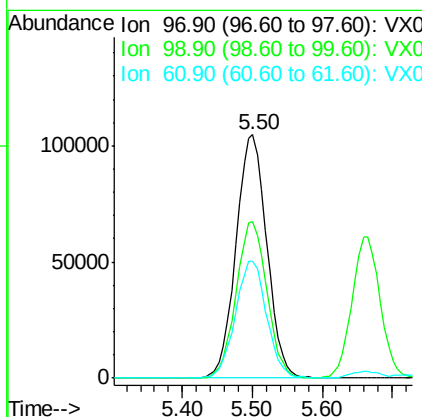
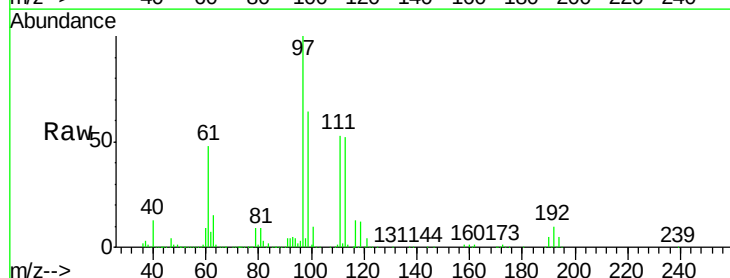
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

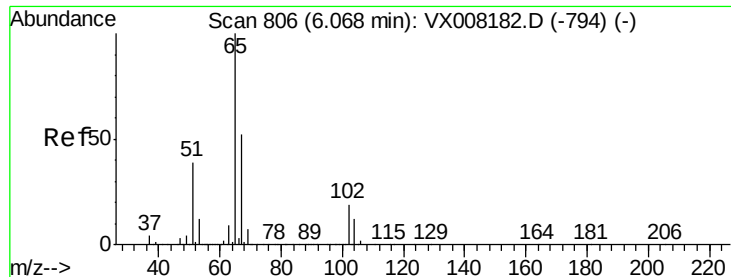
Tot Ion: 56 Resp: 385130
Ion Ratio Lower Upper
56 100
69 29.8 24.0 36.0
84 76.7 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 52.384 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

Tgt Ion: 97 Resp: 319667
Ion Ratio Lower Upper
97 100
99 64.5 52.2 78.2
61 48.6 34.9 52.3

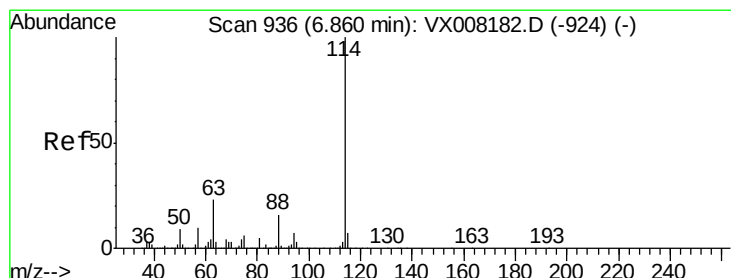
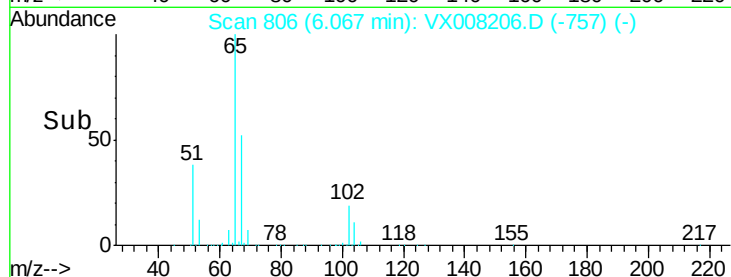
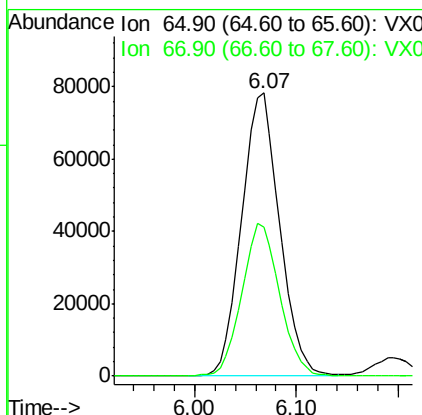
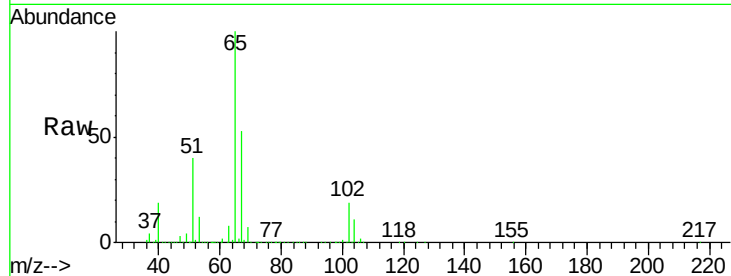




#33
 1,2-Dichloroethane-d4
 Concen: 45.626 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX008206.D
 Acq: 19 Mar 2019 22:13

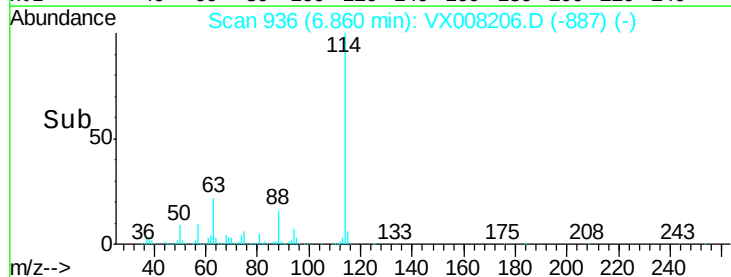
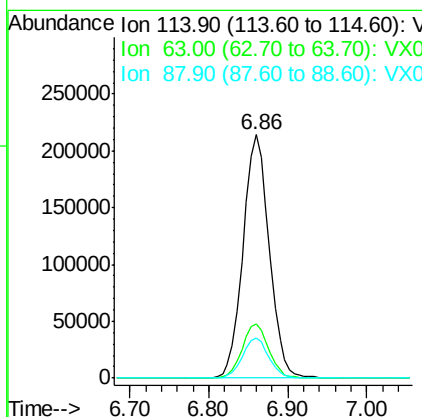
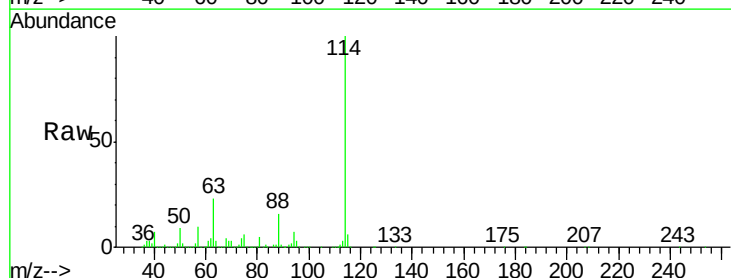
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

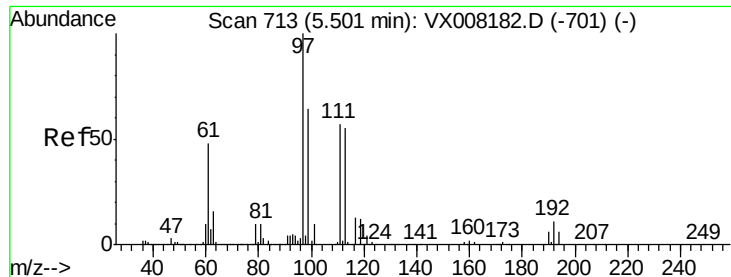
Tot Ion: 65 Resp: 202549
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008206.D
 Acq: 19 Mar 2019 22:13

Tgt Ion: 114 Resp: 494176
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 39.8
 88 16.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 46.284 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

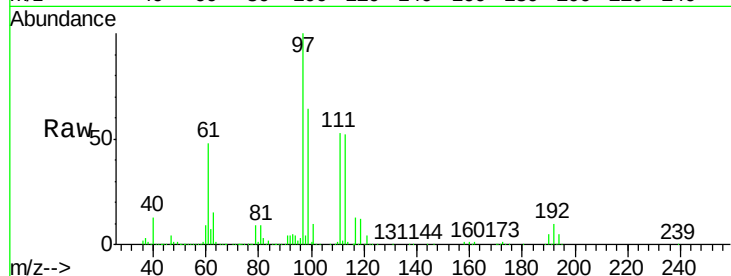
Tot Ion:113 Resp: 153116

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

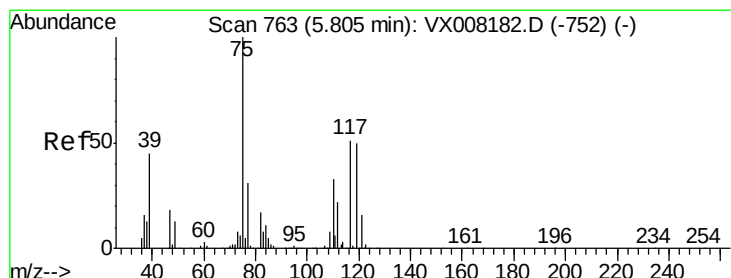
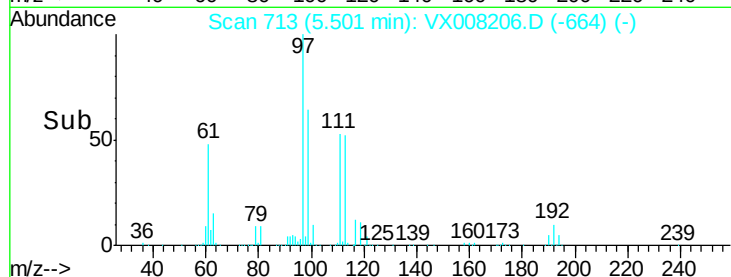
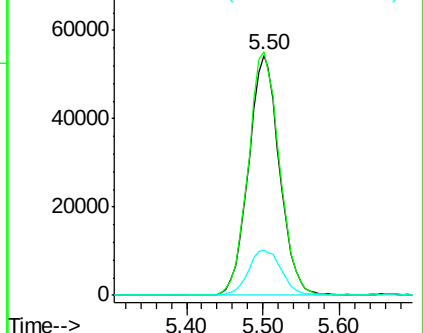
192 20.1 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.304 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

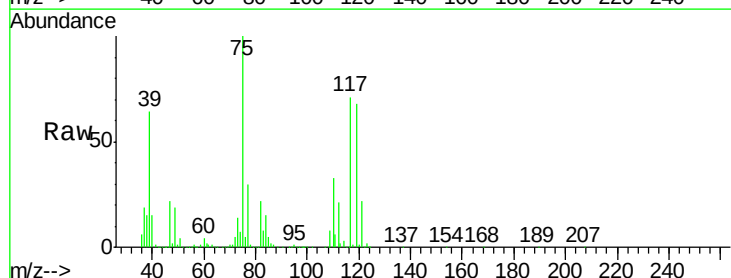
Tgt Ion: 75 Resp: 295177

Ion Ratio Lower Upper

75 100

110 33.4 18.4 55.0

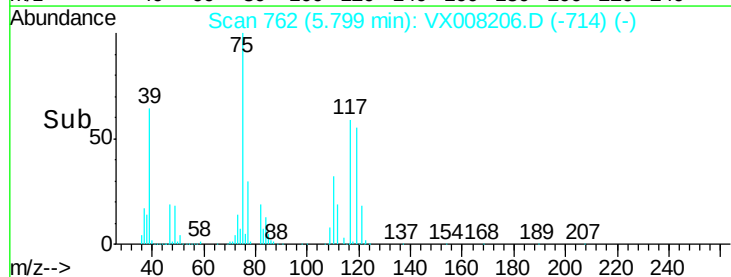
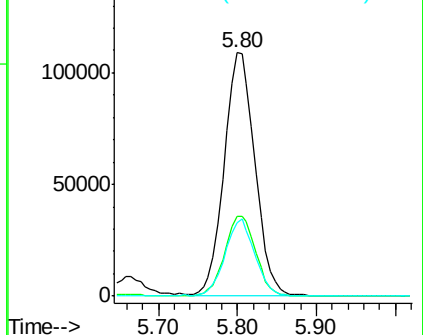
77 30.5 25.0 37.4

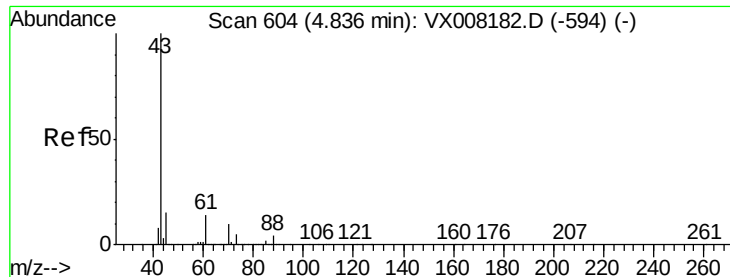


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

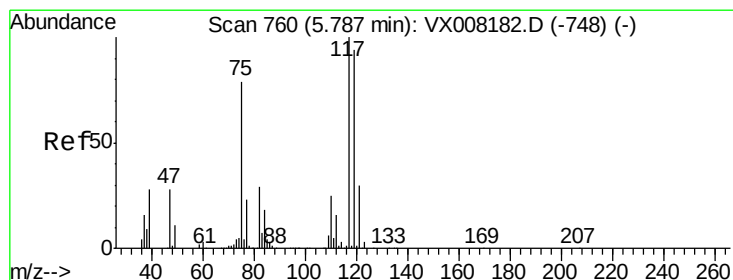
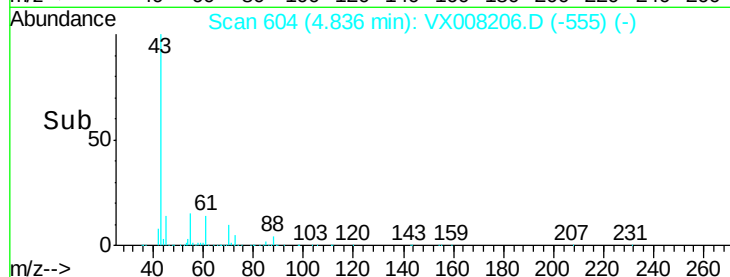
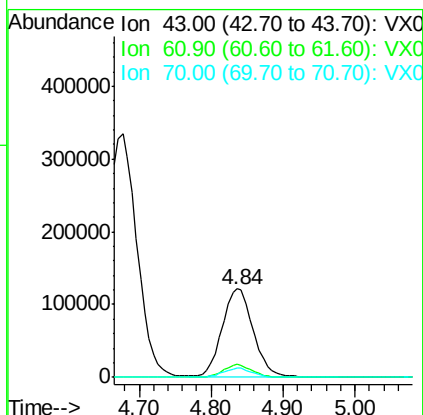
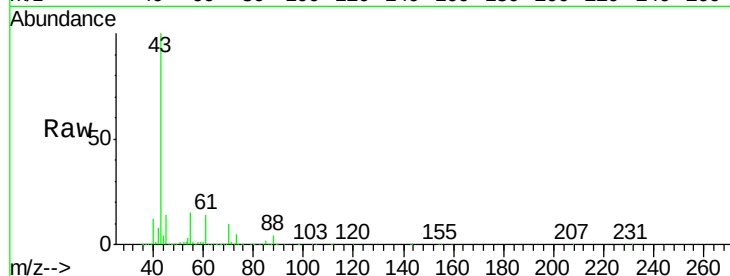




#37
Ethyl Acetate
Concen: 53.558 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

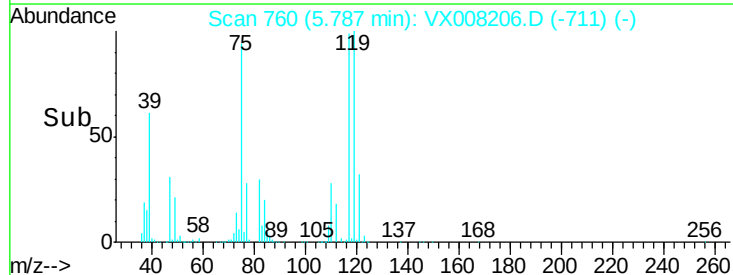
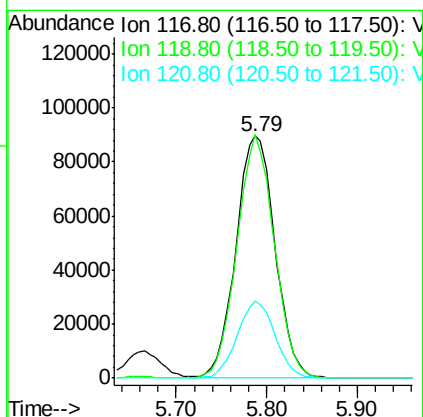
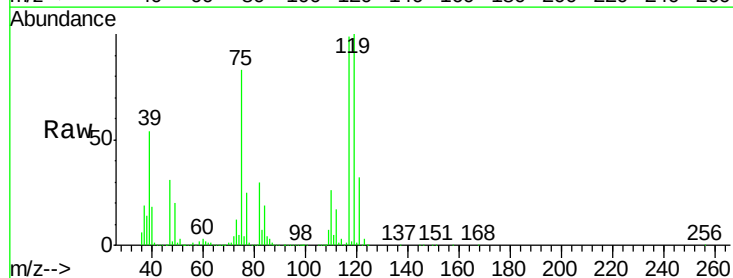
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

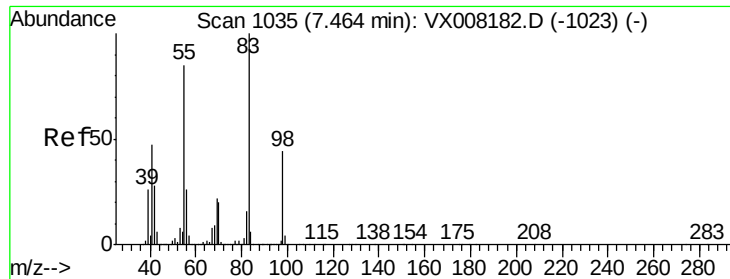
Tot Ion: 43 Resp: 364262
Ion Ratio Lower Upper
43 100
61 13.1 11.3 16.9
70 9.9 8.5 12.7



#38
Carbon Tetrachloride
Concen: 51.959 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

Tgt Ion: 117 Resp: 266362
Ion Ratio Lower Upper
117 100
119 100.7 76.2 114.2
121 32.0 24.6 36.8

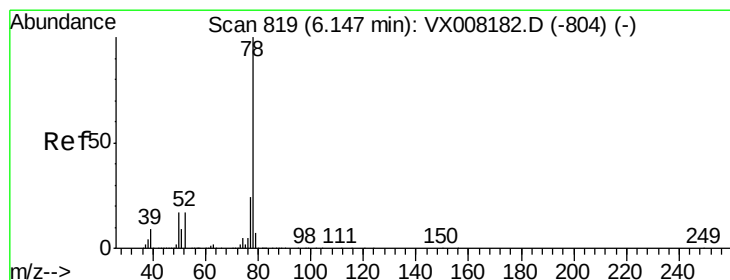
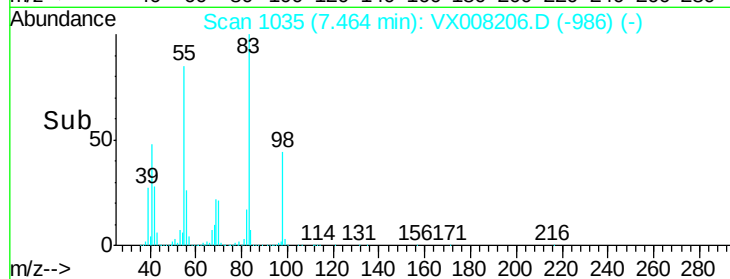
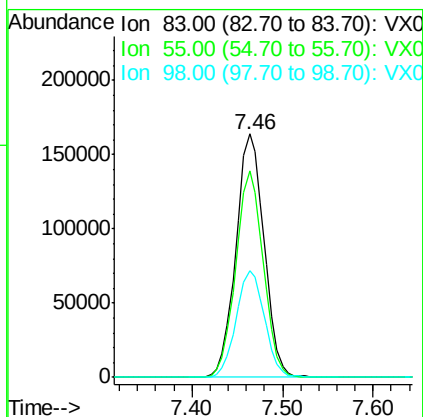
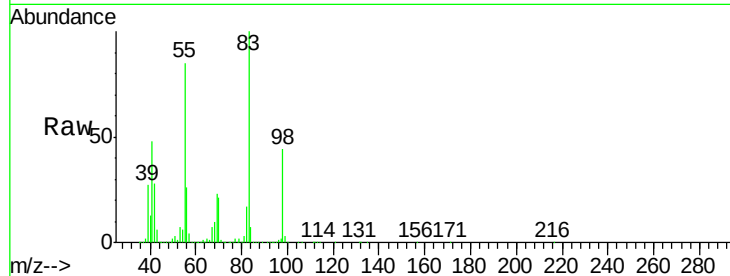




#39
Methylvlcyclohexane
Concen: 50.719 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

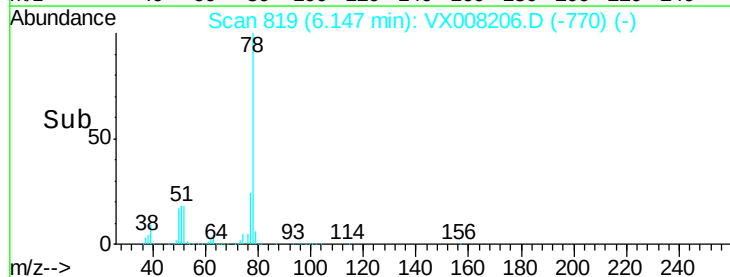
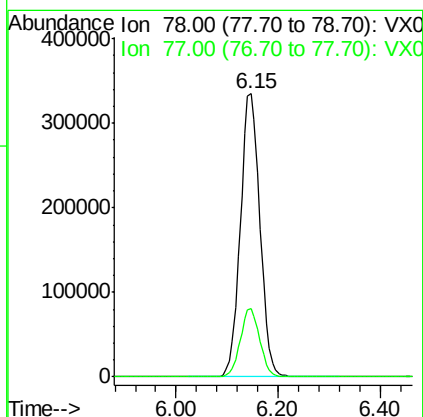
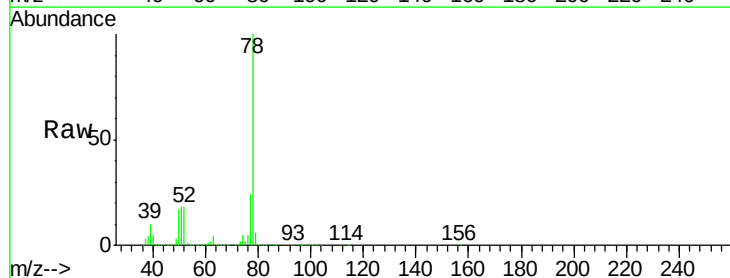
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

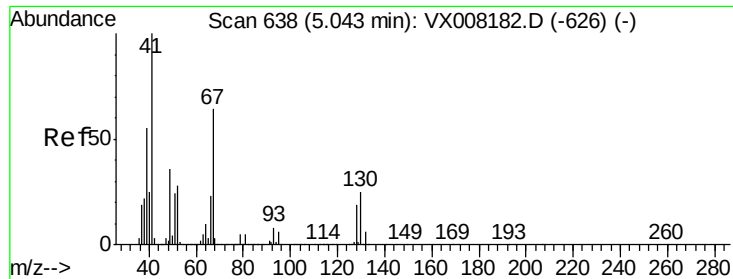
Tot Ion: 83 Resp: 351165
Ion Ratio Lower Upper
83 100
55 85.0 60.4 90.6
98 43.9 36.5 54.7



#40
Benzene
Concen: 52.330 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

Tgt Ion: 78 Resp: 891142
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4

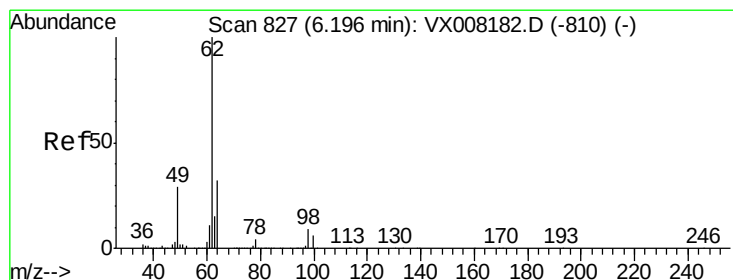
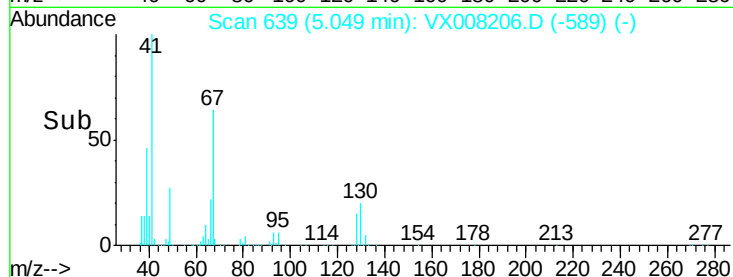
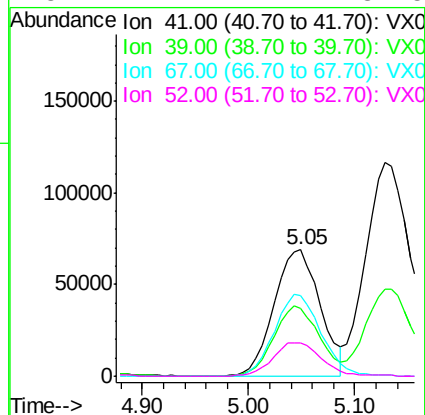
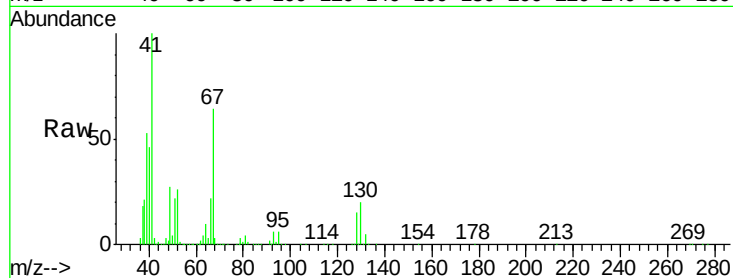




#41
Methacrylonitrile
Concen: 53.826 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

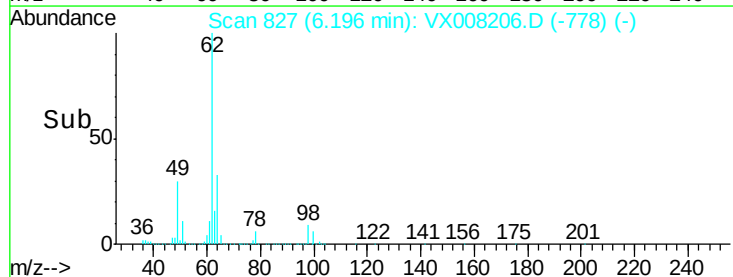
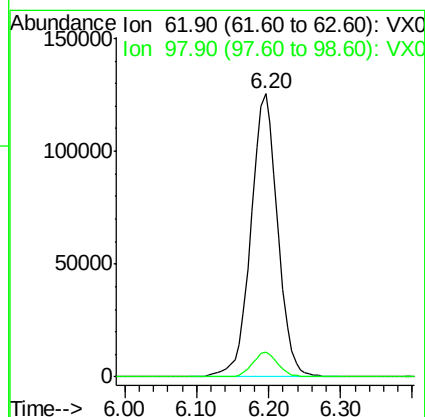
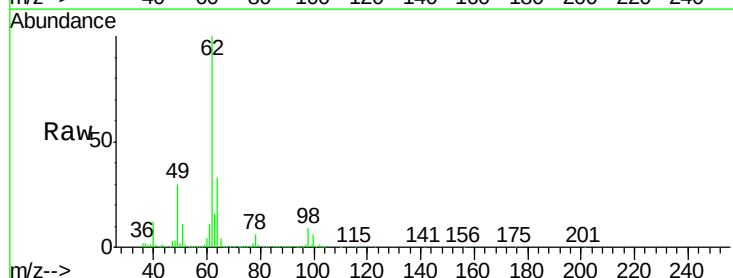
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

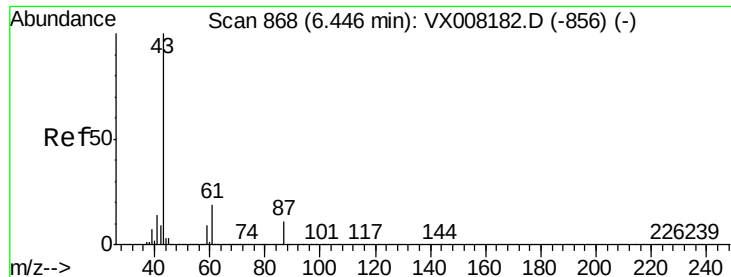
Tot Ion:	41	Resp:	205346
Ion	Ratio	Lower	Upper
41	100		
39	54.6	41.6	62.4
67	65.8	55.8	83.6
52	27.7	21.7	32.5



#42
1,2-Dichloroethane
Concen: 51.651 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

Tgt Ion:	62	Resp:	322216
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	20.4





#43

Isopropyl Acetate

Concen: 53.539 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

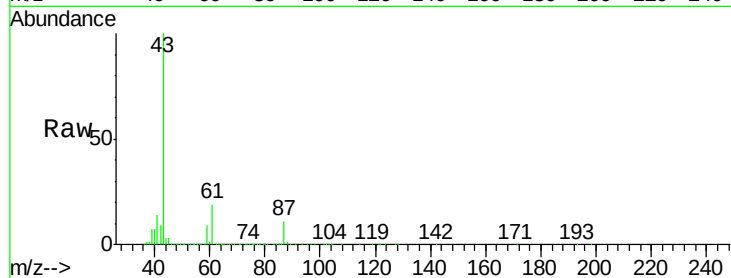
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 583662

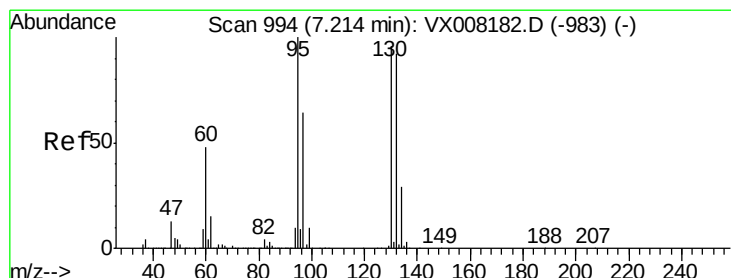
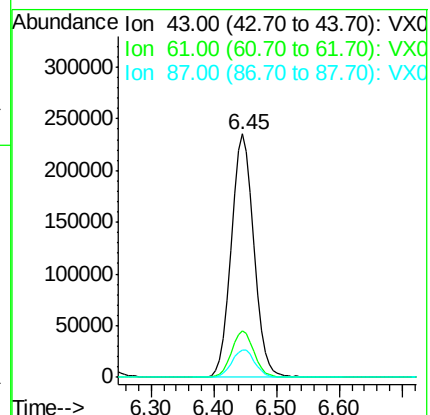
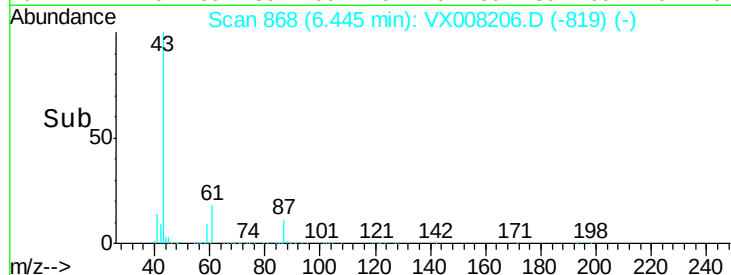
Ion	Ratio	Lower	Upper
43	100		
61	19.2	16.3	24.5
87	11.6	10.5	15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 51.410 ug/l

RT: 7.21 min Scan# 994

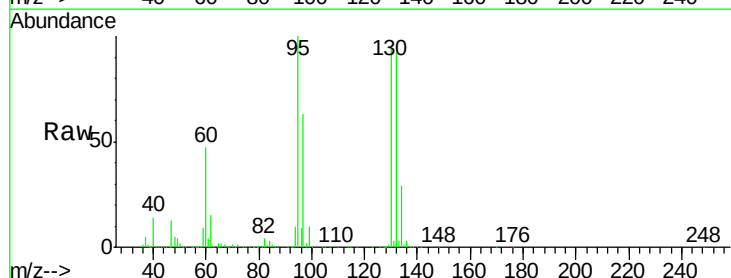
Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

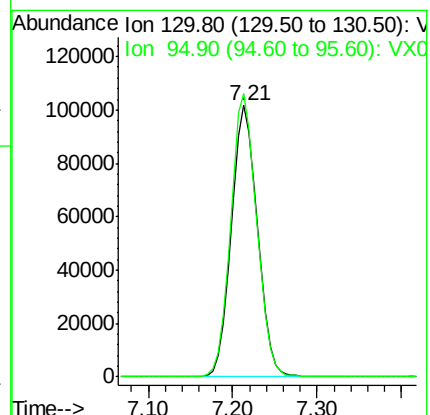
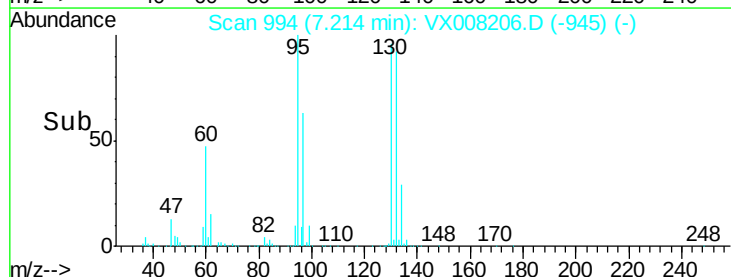
Tgt Ion:130 Resp: 214063

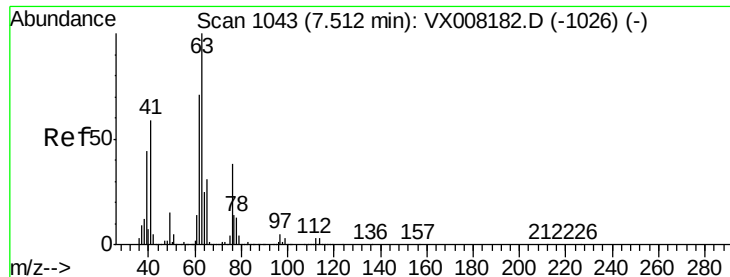
Ion	Ratio	Lower	Upper
130	100		
95	104.2	0.0	188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.931 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

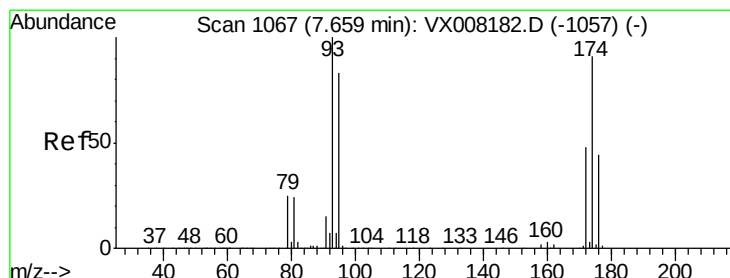
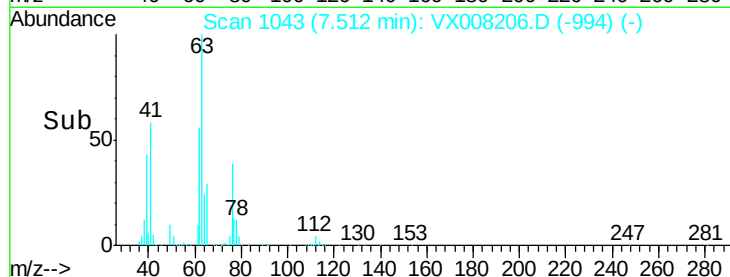
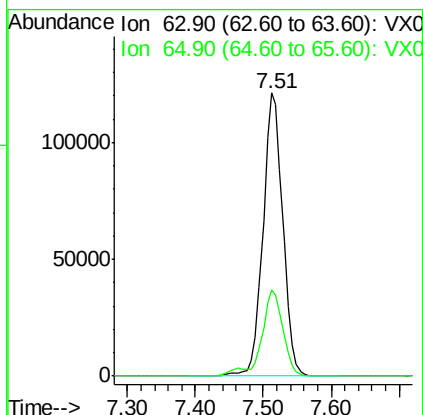
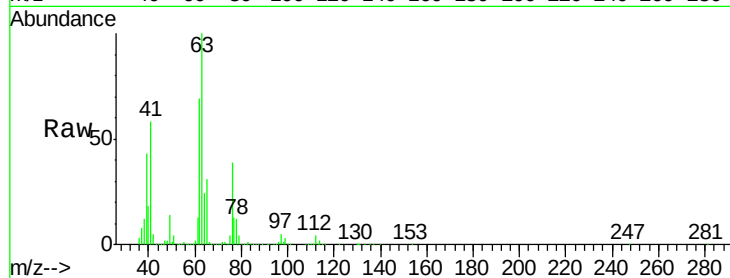
VSTDCCC050

Tot Ion: 63 Resp: 247564

Ion Ratio Lower Upper

63 100

65 30.5 24.7 37.1



#46

Dibromomethane

Concen: 50.814 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

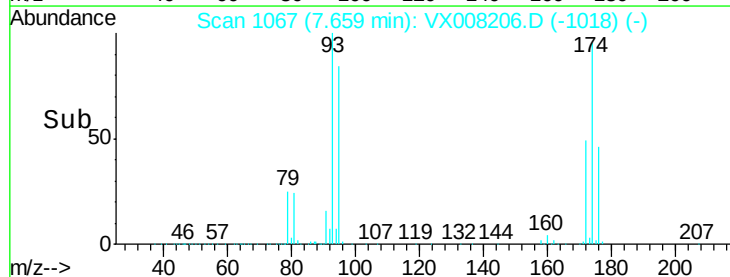
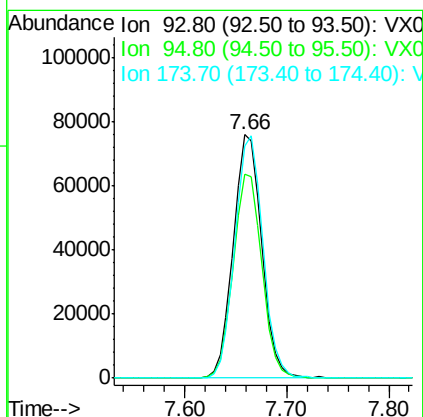
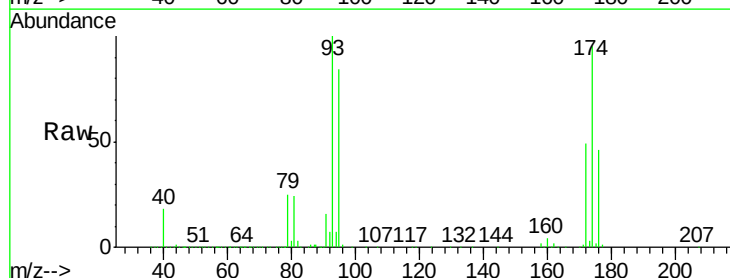
Tgt Ion: 93 Resp: 146665

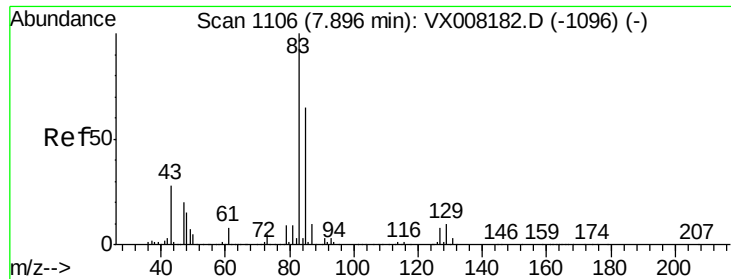
Ion Ratio Lower Upper

93 100

95 84.4 66.8 100.2

174 98.3 97.3 145.9





#47

Bromodichloromethane

Concen: 53.434 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

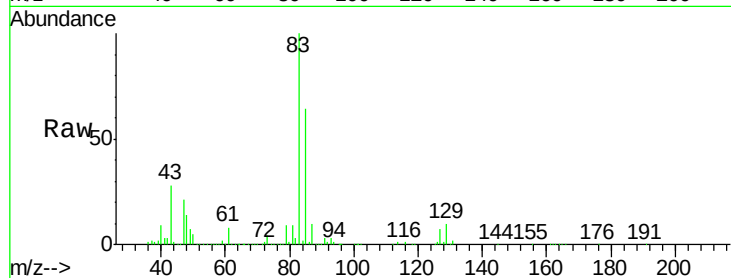
Tot Ion: 83 Resp: 293926

Ion Ratio Lower Upper

83 100

85 63.8 50.9 76.3

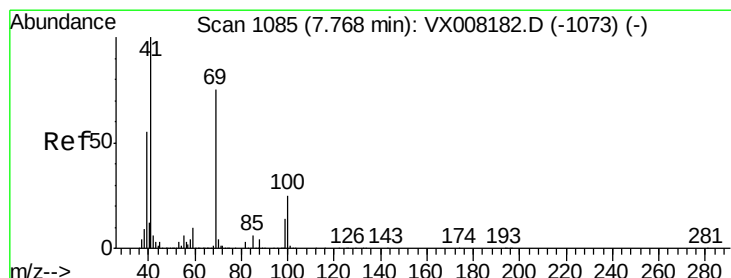
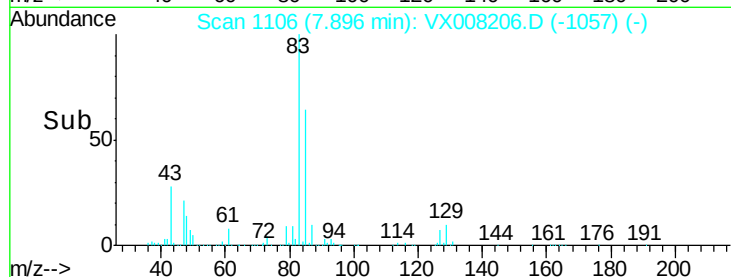
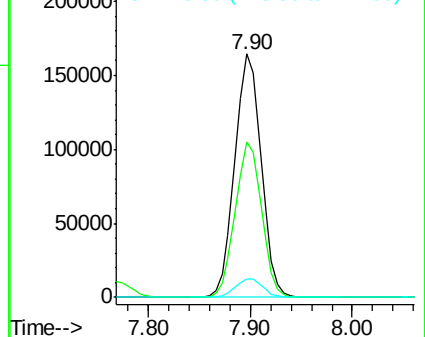
127 7.4 7.4 11.0#



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: 53.345 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

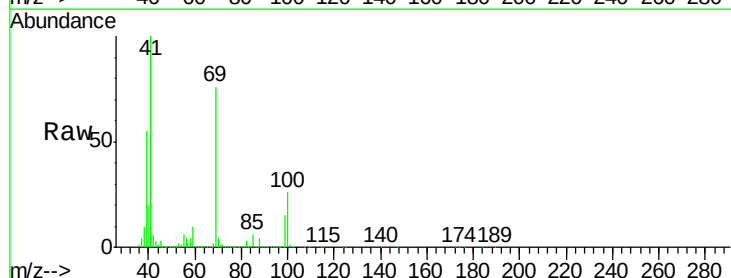
Tgt Ion: 41 Resp: 309219

Ion Ratio Lower Upper

41 100

69 76.2 65.2 97.8

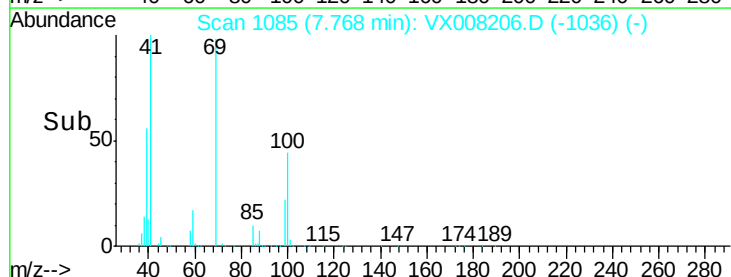
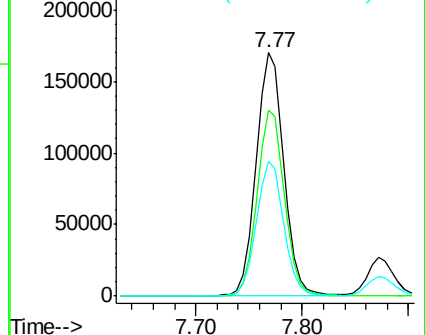
39 54.9 39.4 59.2

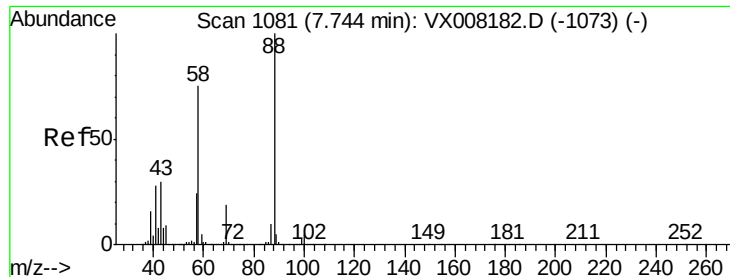


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1011.088 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

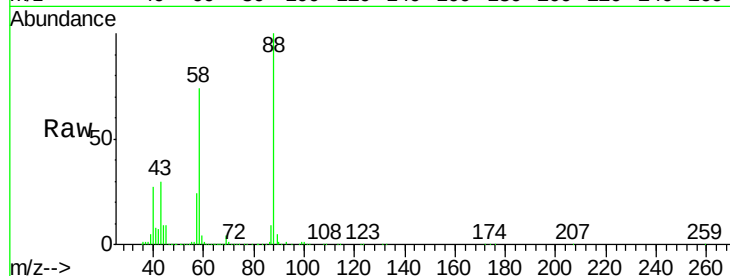
Tot Ion: 88 Resp: 103424

Ion Ratio Lower Upper

88 100

43 36.5 25.1 37.7

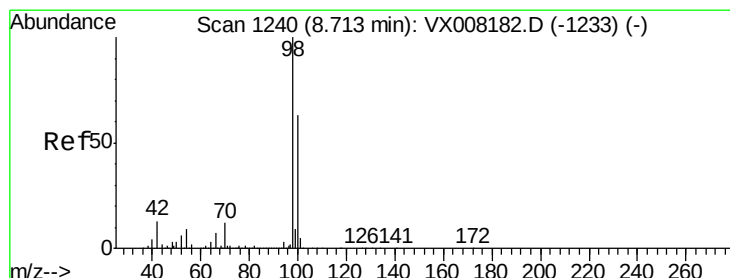
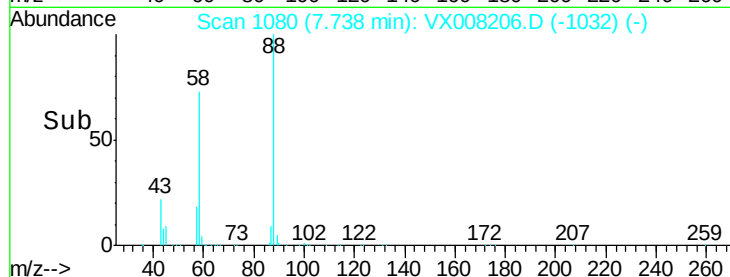
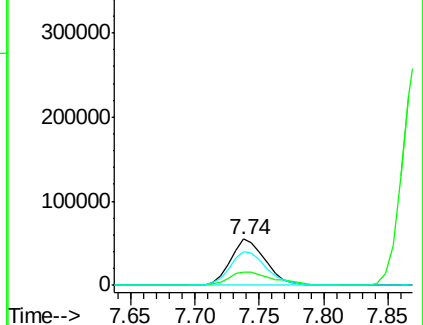
58 76.7 57.8 86.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.042 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008206.D

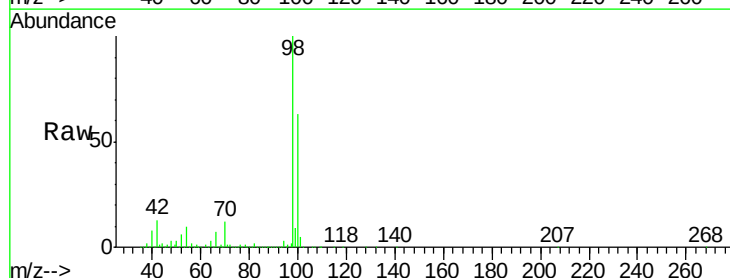
Acq: 19 Mar 2019 22:13

Tgt Ion: 98 Resp: 590027

Ion Ratio Lower Upper

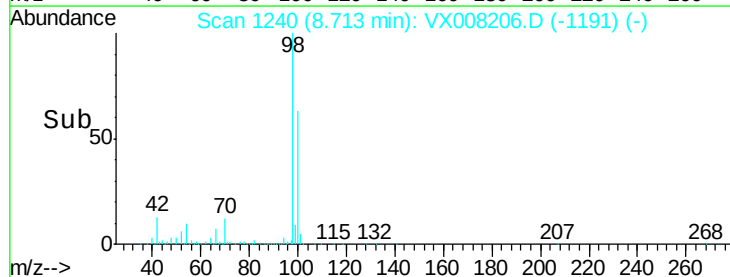
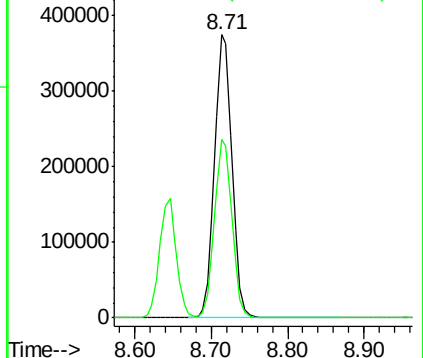
98 100

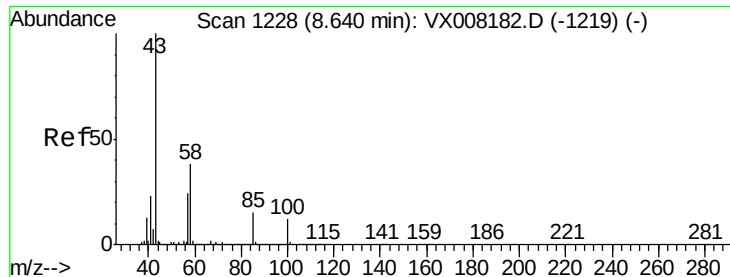
100 63.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 270.362 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

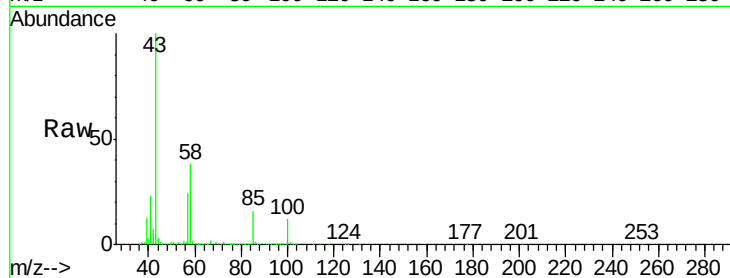
VSTDCCC050

Tot Ion: 43 Resp: 1905460

Ion Ratio Lower Upper

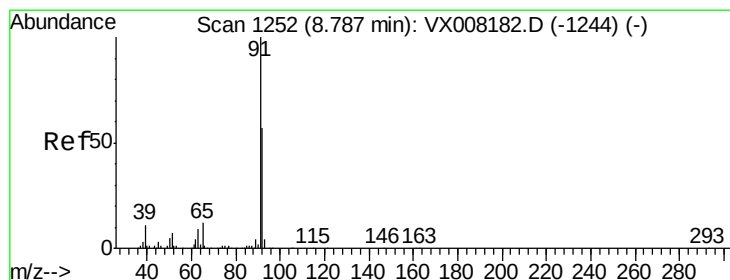
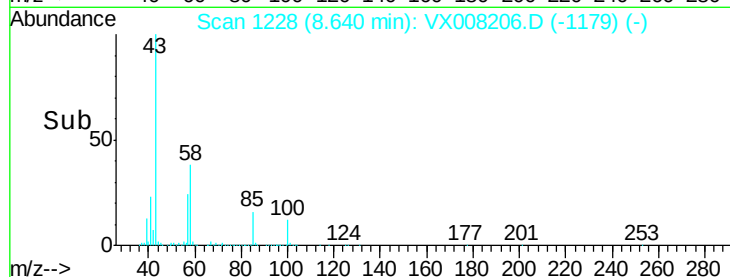
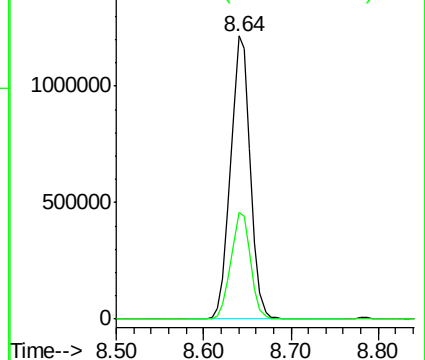
43 100

58 37.5 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.753 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008206.D

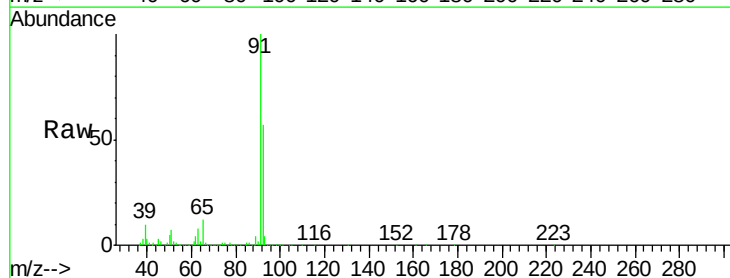
Acq: 19 Mar 2019 22:13

Tgt Ion: 92 Resp: 532951

Ion Ratio Lower Upper

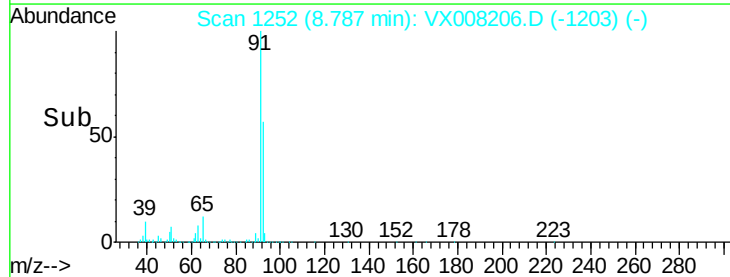
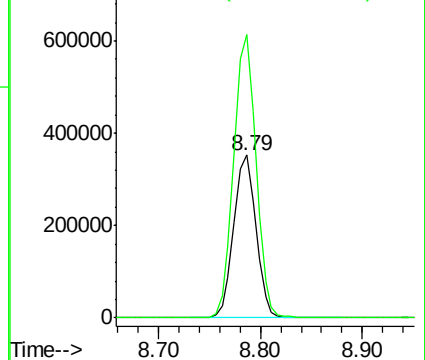
92 100

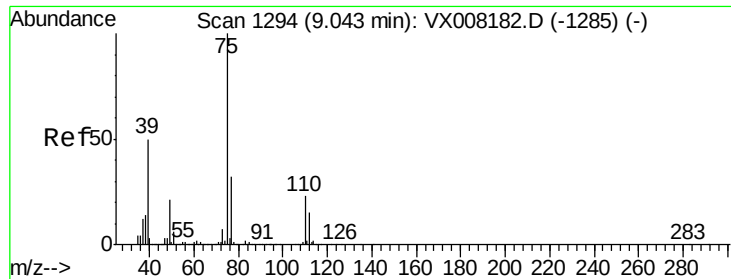
91 174.2 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 48.138 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

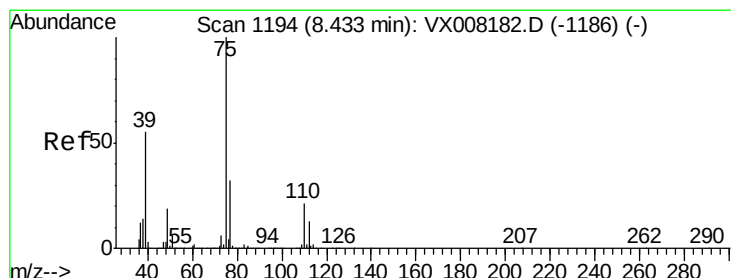
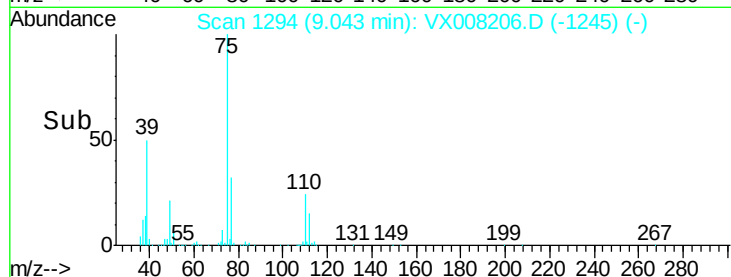
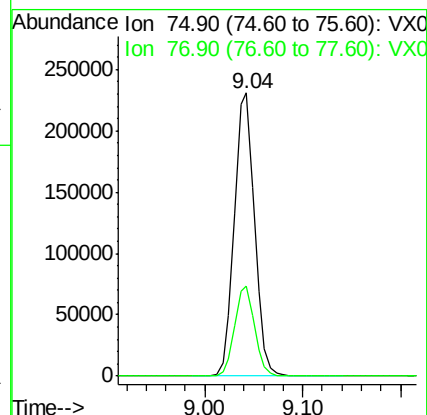
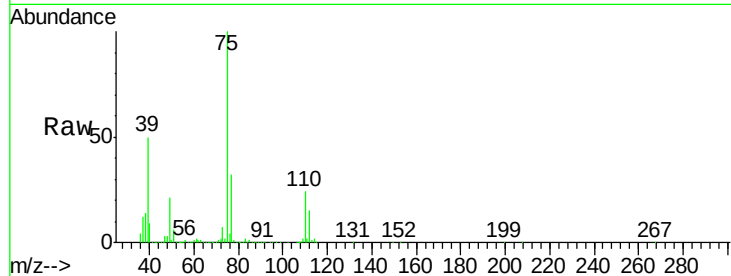
VSTDCCC050

Tot Ion: 75 Resp: 331234

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 52.619 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

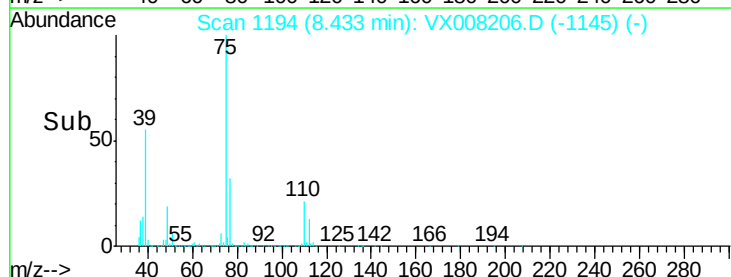
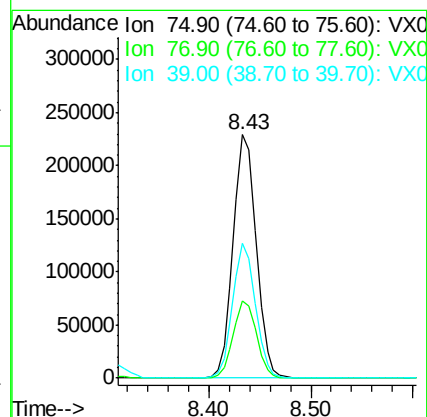
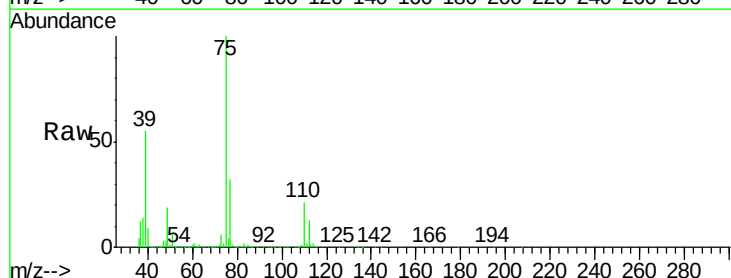
Tgt Ion: 75 Resp: 359218

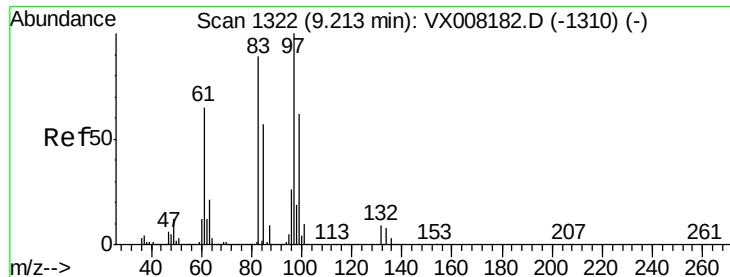
Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.6

39 55.3 36.6 54.8#

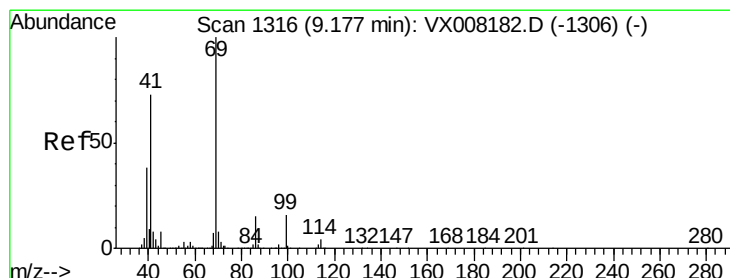
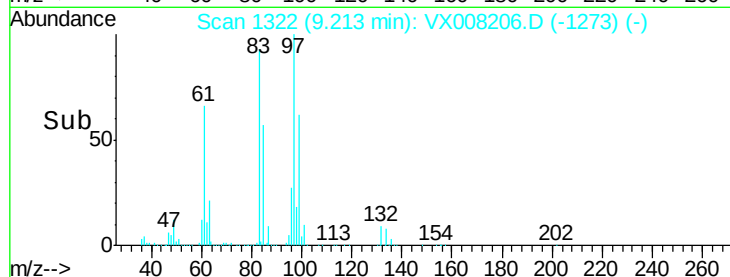
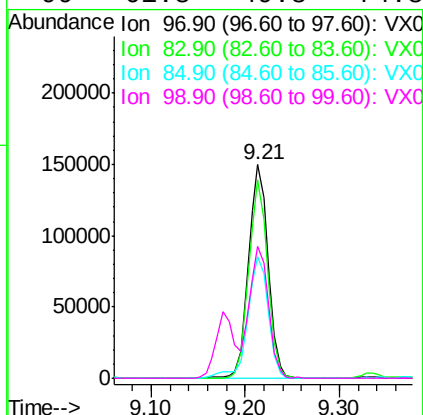
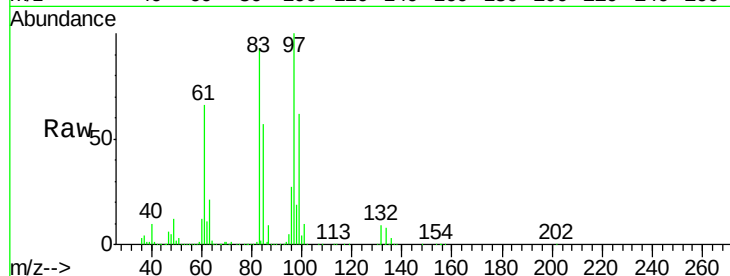




#55
 1,1,2-Trichloroethane
 Concen: 53.520 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008206.D
 Acq: 19 Mar 2019 22:13

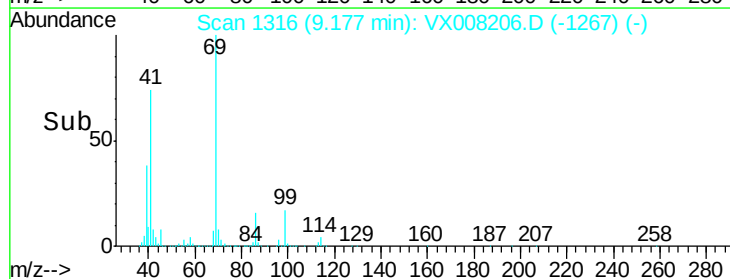
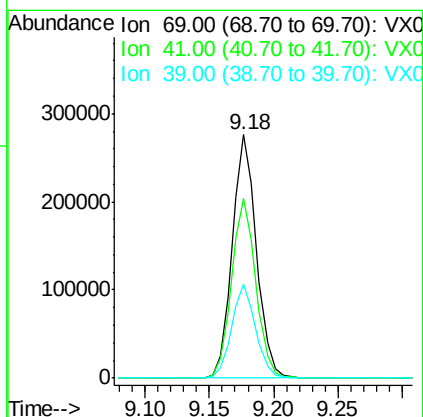
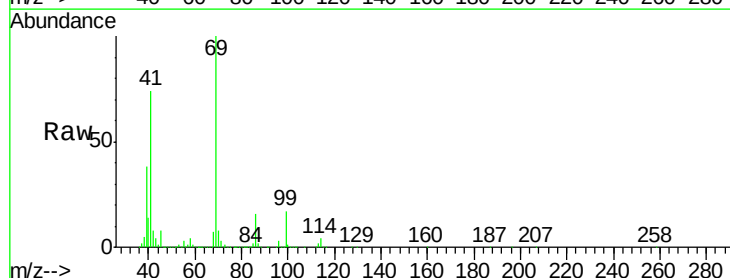
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

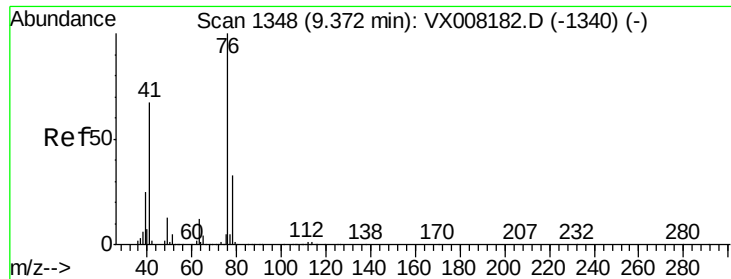
Tot Ion:	97	Resp:	218460
Ion	Ratio	Lower	Upper
97	100		
83	92.7	69.1	103.7
85	57.0	44.3	66.5
99	61.8	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 50.623 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008206.D
 Acq: 19 Mar 2019 22:13

Tgt Ion:	69	Resp:	362500
Ion	Ratio	Lower	Upper
69	100		
41	73.8	54.2	81.4
39	38.1	25.0	37.4#





#57

1,3-Dichloropropane

Concen: 53.406 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

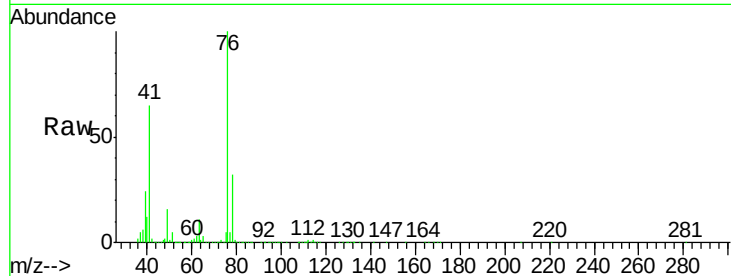
VSTDCCC050

Tot Ion: 76 Resp: 385637

Ion Ratio Lower Upper

76 100

78 32.1 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

250000

200000

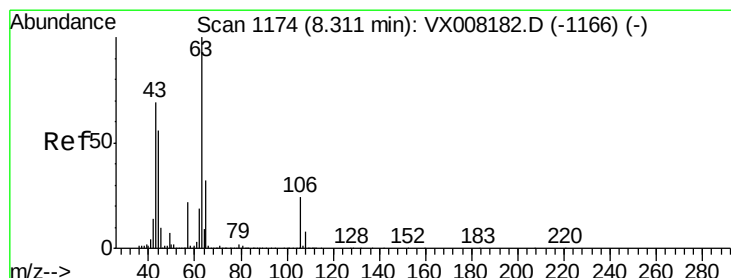
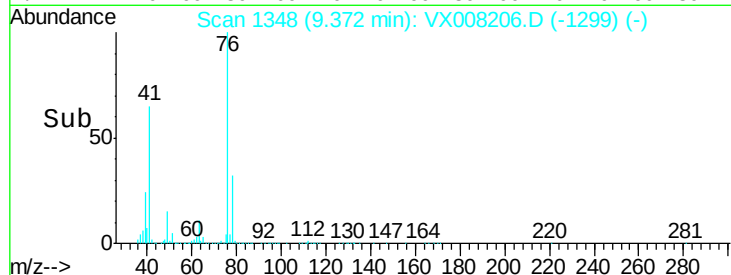
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 247.411 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008206.D

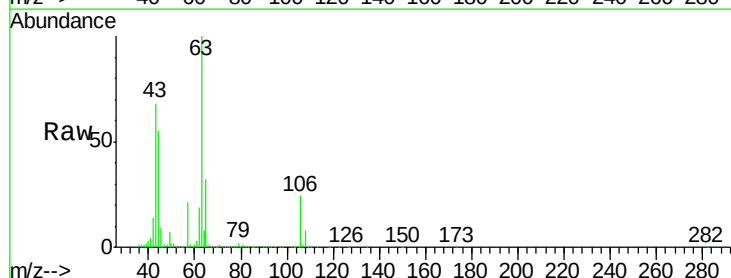
Acq: 19 Mar 2019 22:13

Tgt Ion: 63 Resp: 827439

Ion Ratio Lower Upper

63 100

106 24.4 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

600000

500000

400000

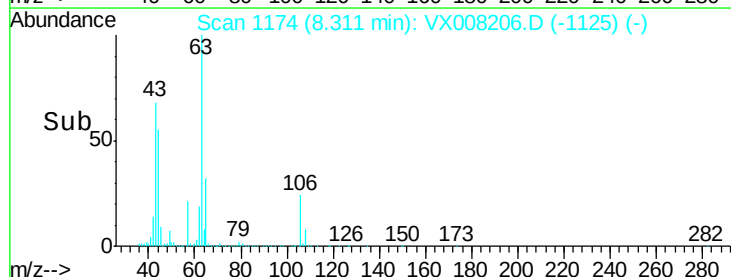
300000

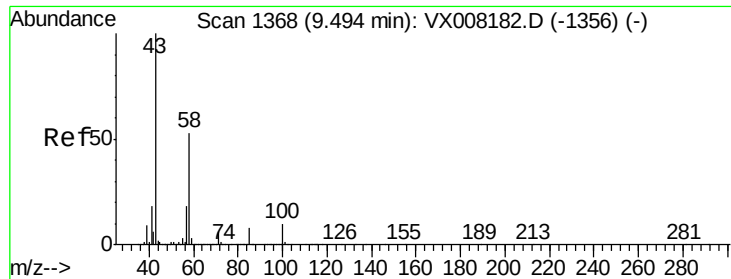
200000

100000

0

Time-->

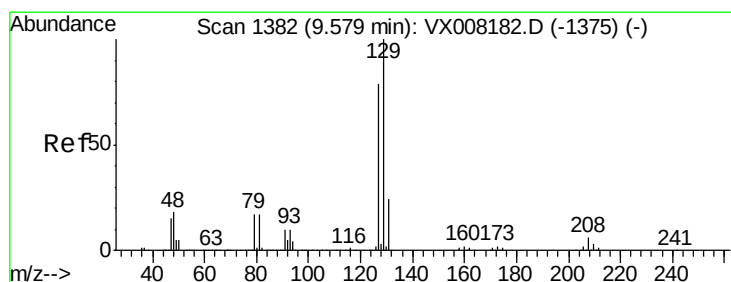
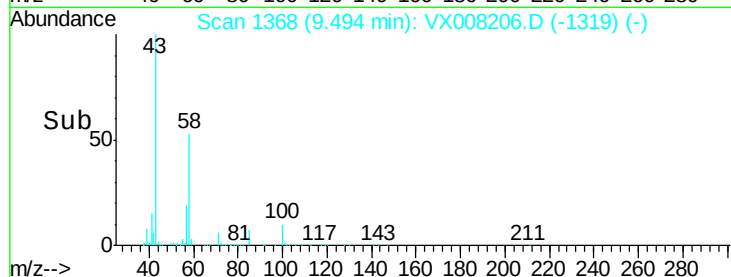
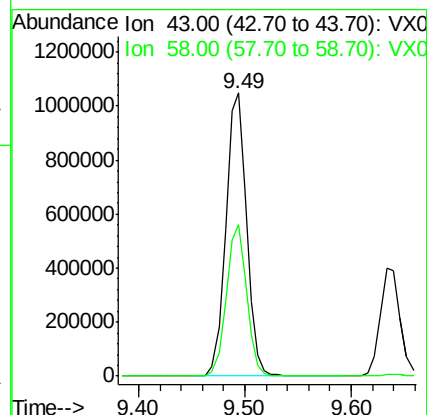
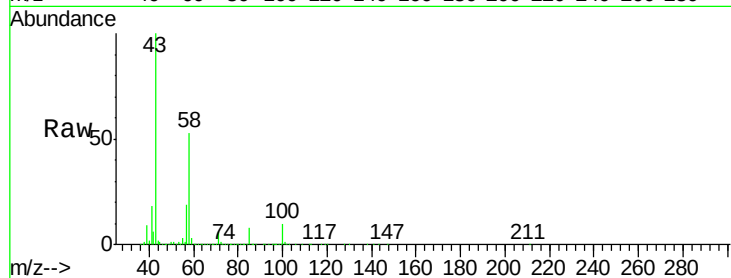




#59
2-Hexanone
Concen: 261.619 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

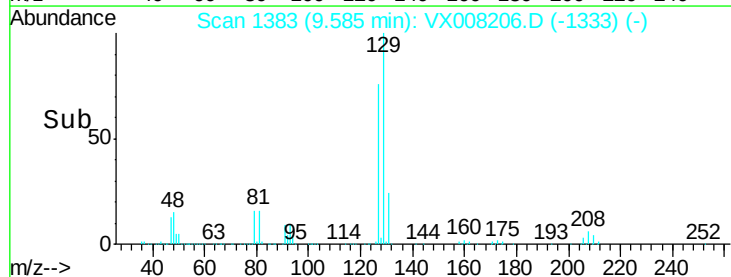
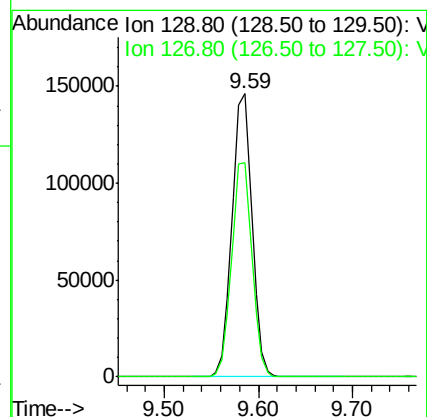
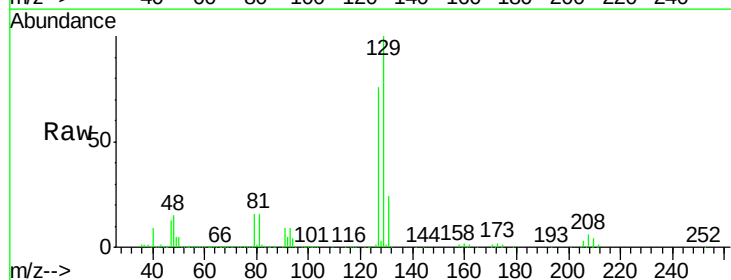
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

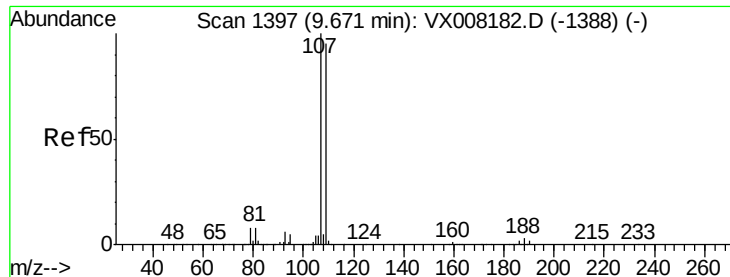
Tot Ion: 43 Resp: 1419536
Ion Ratio Lower Upper
43 100
58 52.5 27.6 82.7



#60
Dibromochloromethane
Concen: 55.390 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

Tgt Ion:129 Resp: 217288
Ion Ratio Lower Upper
129 100
127 77.1 38.3 114.8





#61

1,2-Dibromoethane

Concen: 52.914 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

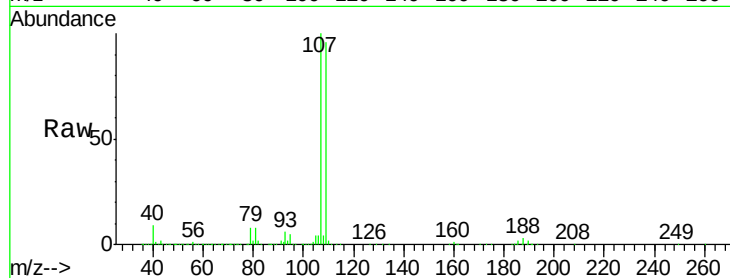
VSTDCCC050

Tot Ion:107 Resp: 225527

Ion Ratio Lower Upper

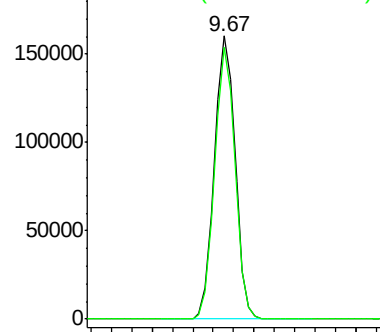
107 100

109 94.5 75.8 113.8

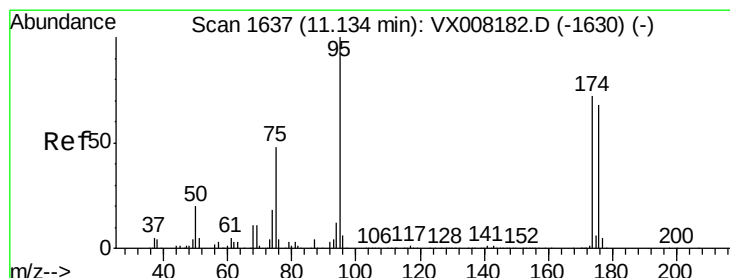
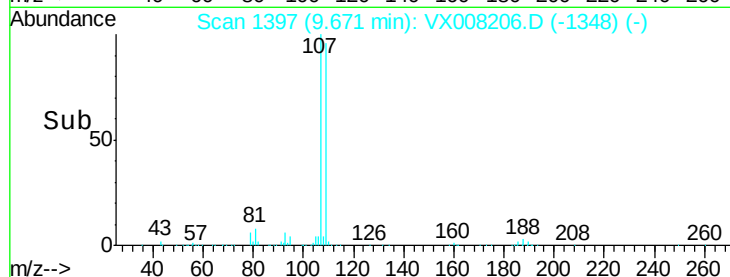


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 48.594 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

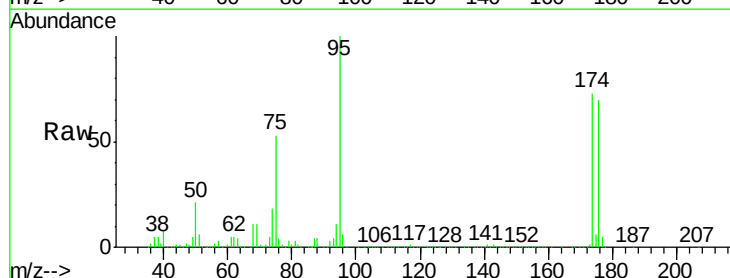
Tgt Ion: 95 Resp: 209861

Ion Ratio Lower Upper

95 100

174 77.9 0.0 182.8

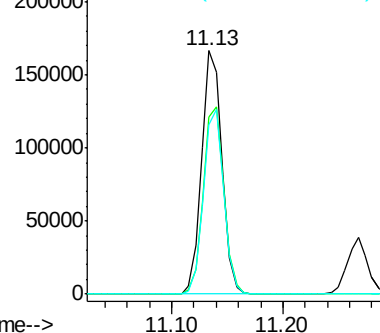
176 75.6 0.0 178.0



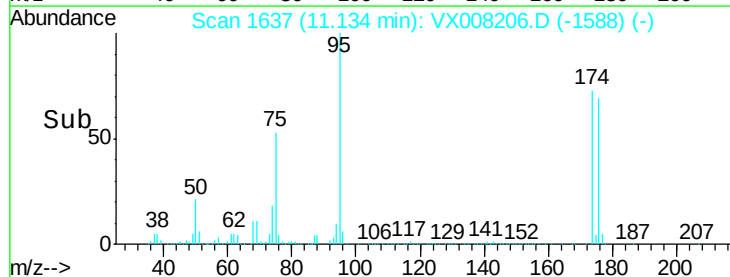
Abundance Ion 94.90 (94.60 to 95.60): VX0

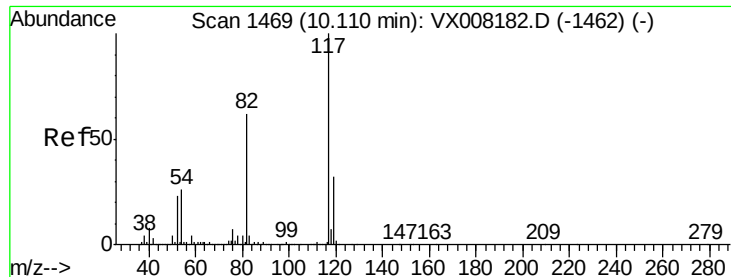
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

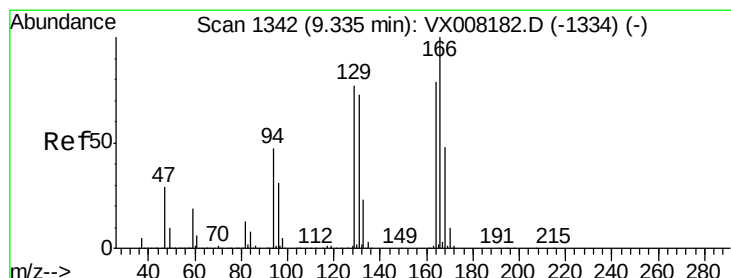
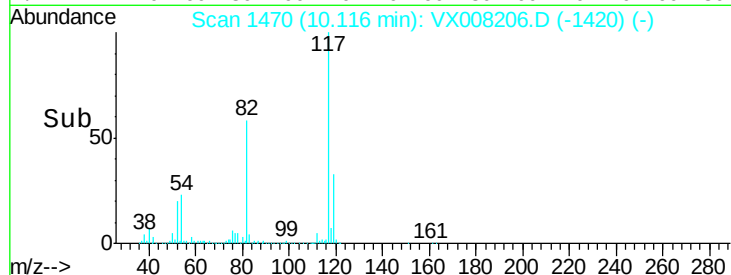
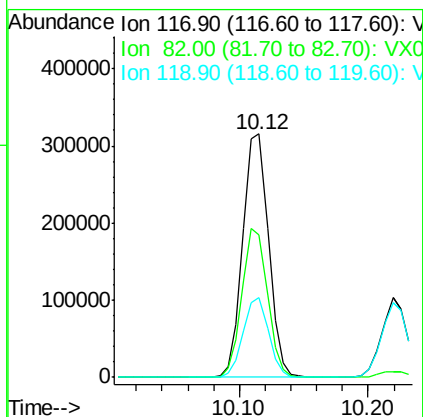
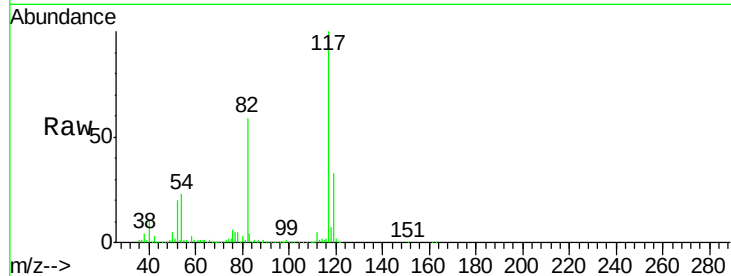




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

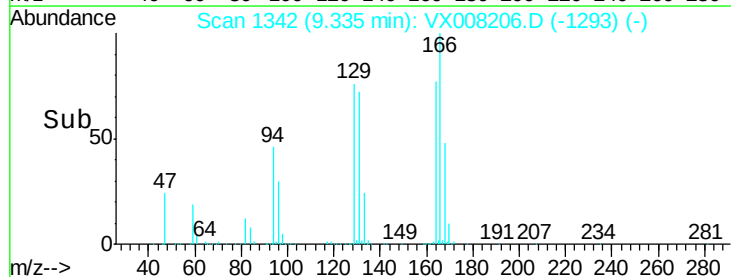
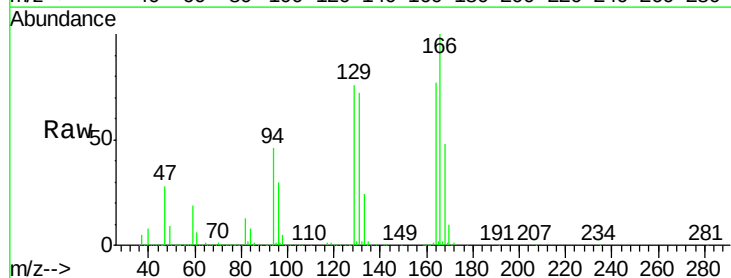
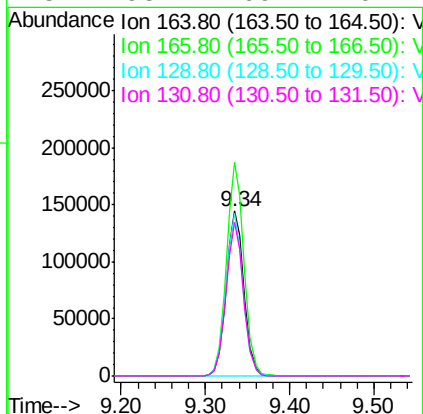
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

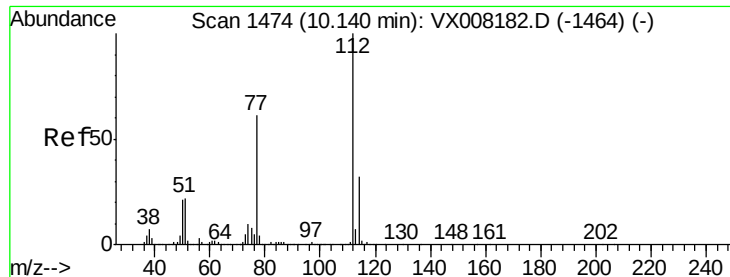
Tot Ion	Ratio	Lower	Upper
117	100		
82	58.5	44.3	66.5
119	33.0	25.3	37.9



#64
Tetrachloroethene
Concen: 52.517 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.6	103.4	155.0
129	98.5	72.2	108.4
131	93.2	69.4	104.2





#65

Chlorobenzene

Concen: 51.926 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

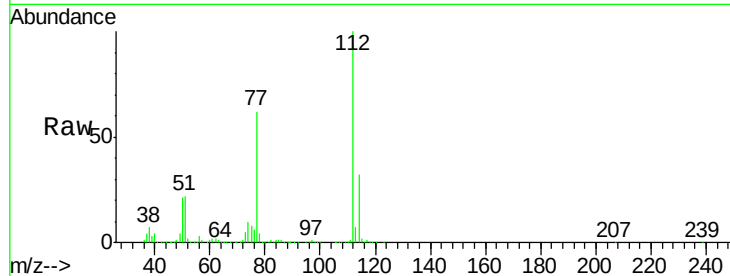
VSTDCCC050

Tot Ion:112 Resp: 559920

Ion Ratio Lower Upper

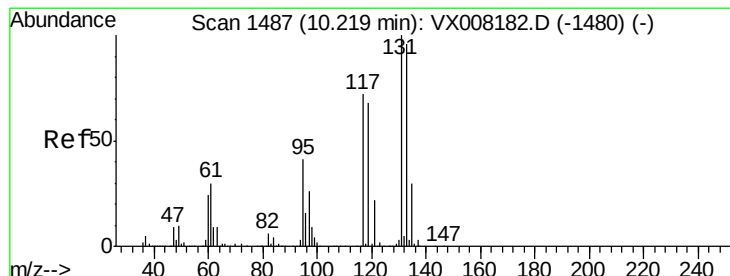
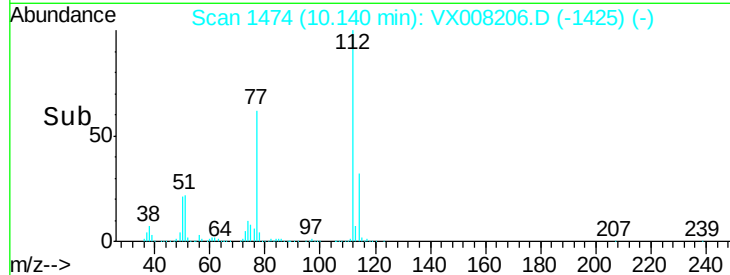
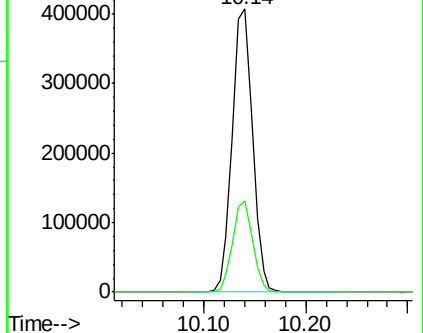
112 100

114 32.4 26.0 39.0



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: 53.822 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

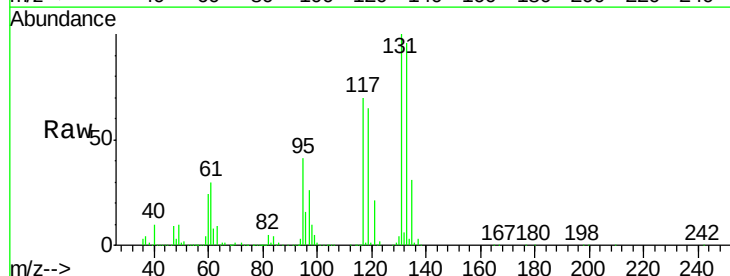
Tgt Ion:131 Resp: 202348

Ion Ratio Lower Upper

131 100

133 94.9 47.8 143.3

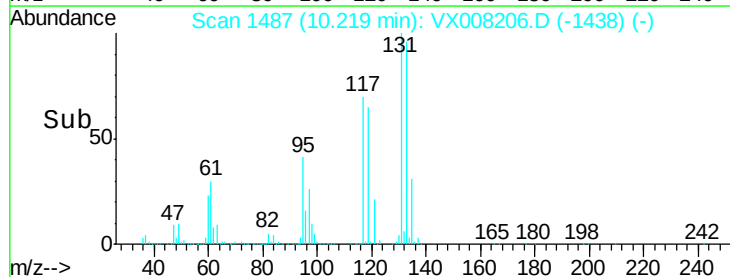
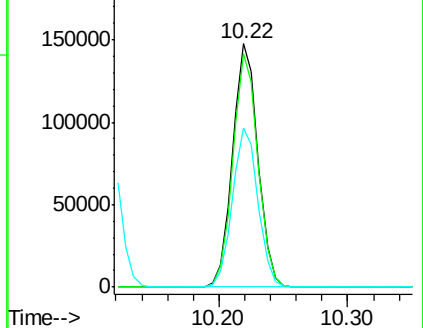
119 66.1 32.5 97.5

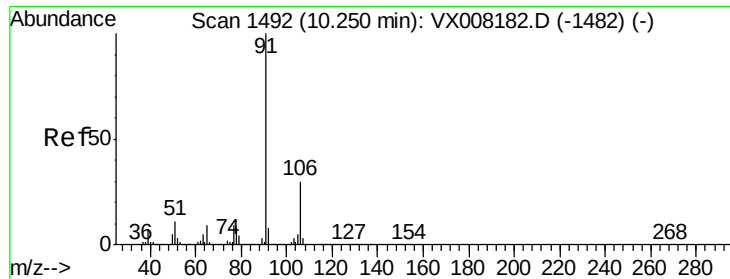


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

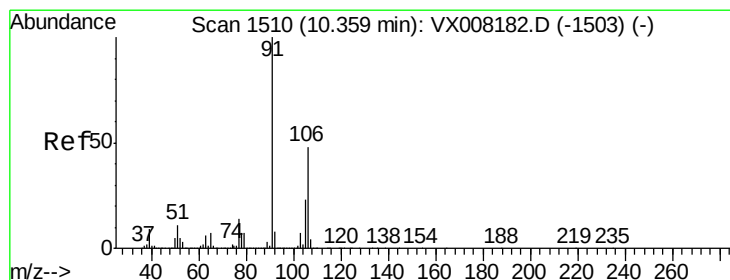
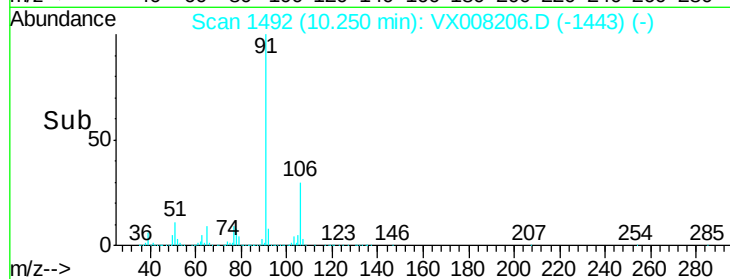
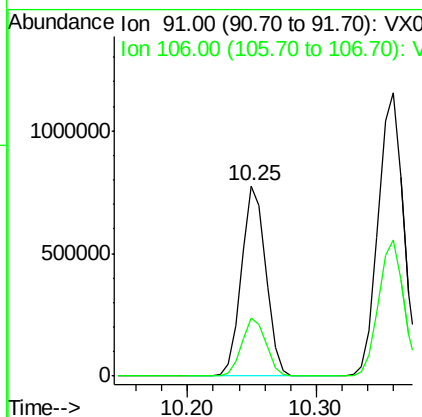
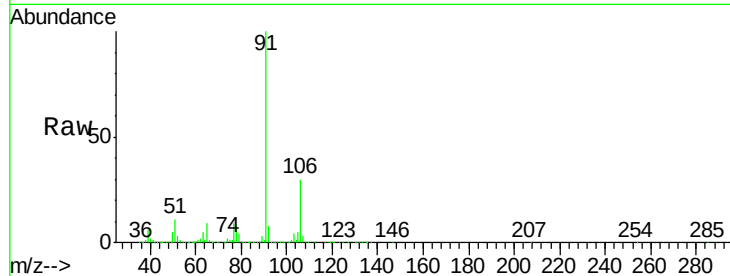




#67
Ethyl Benzene
Concen: 53.185 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

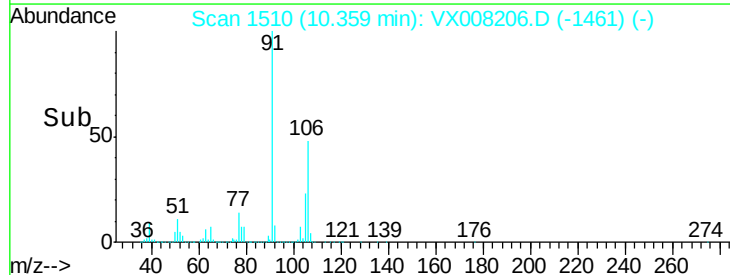
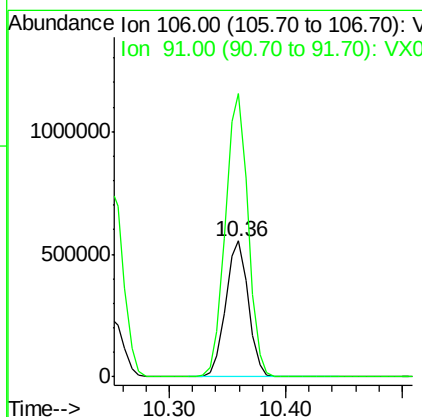
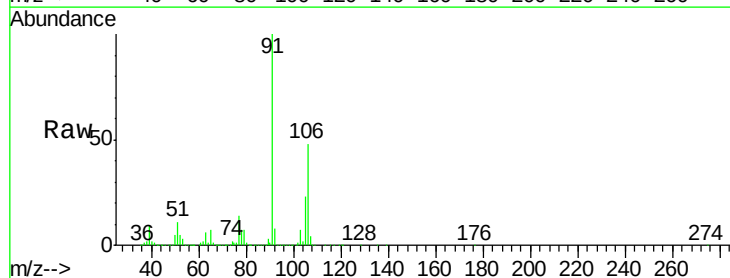
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

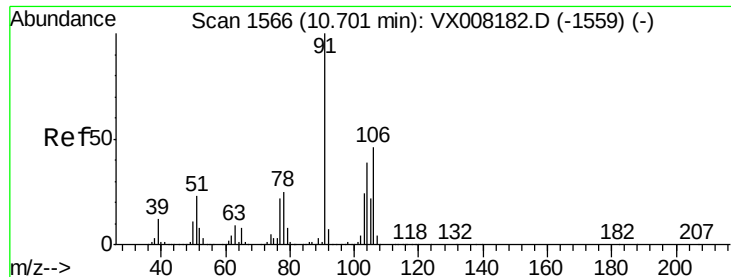
Tot Ion: 91 Resp: 1010618
Ion Ratio Lower Upper
91 100
106 30.3 25.2 37.8



#68
m/p-Xylenes
Concen: 106.324 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

Tgt Ion: 106 Resp: 742159
Ion Ratio Lower Upper
106 100
91 209.4 159.8 239.6

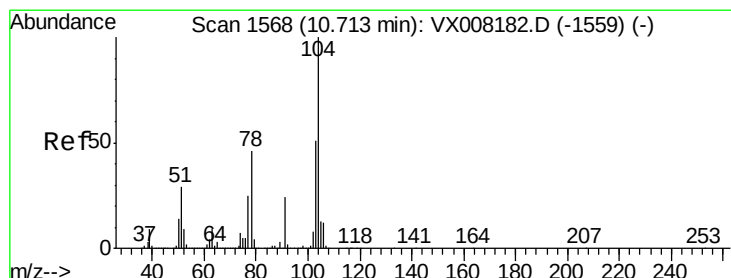
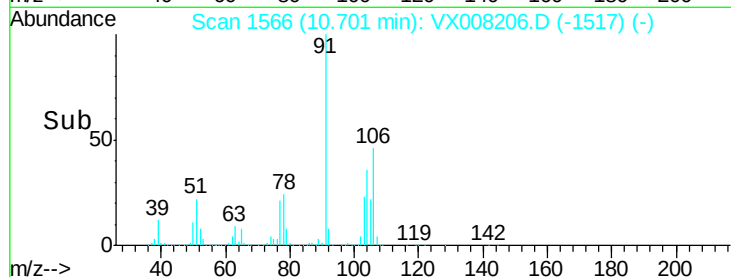
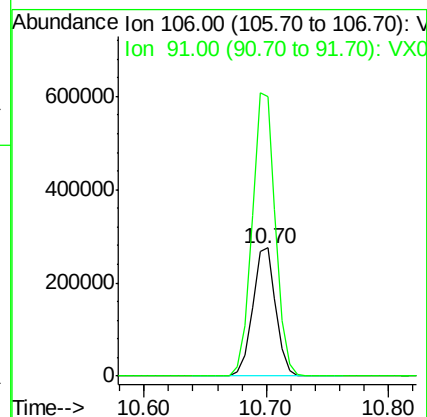
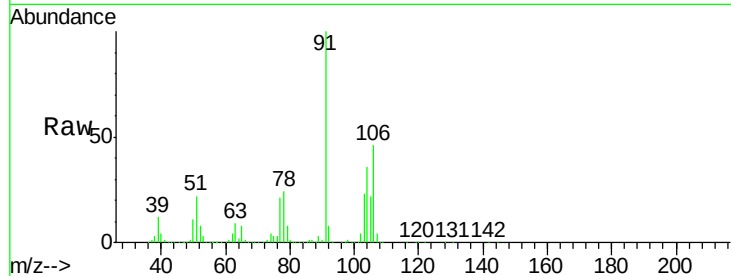




#69
o-Xylene
Concen: 53.156 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

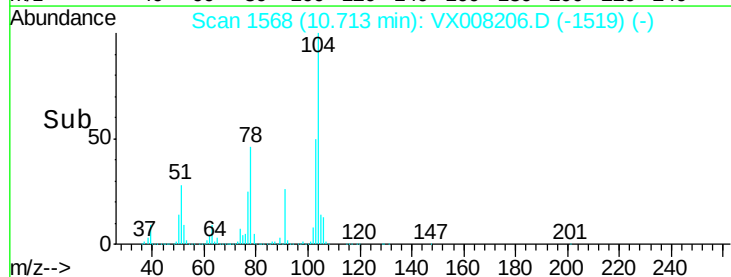
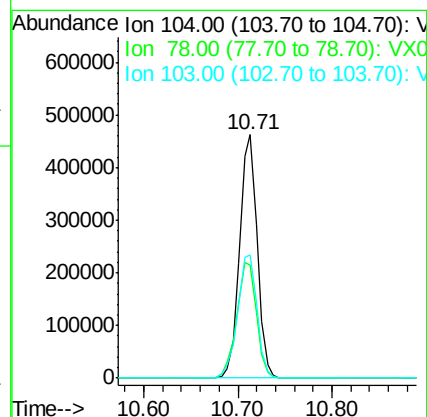
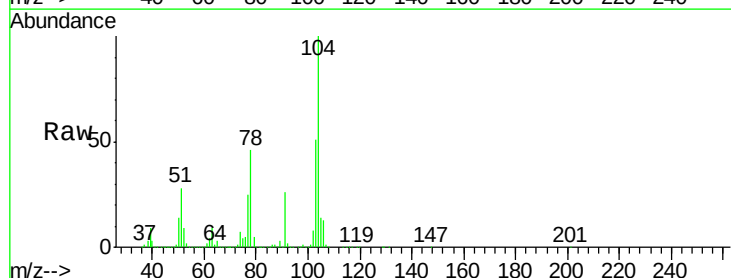
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

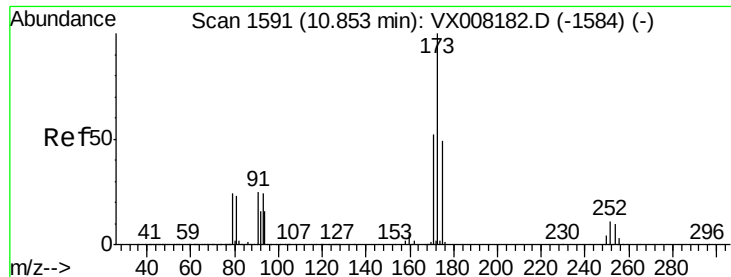
Tot Ion:106 Resp: 360535
Ion Ratio Lower Upper
106 100
91 222.2 106.3 318.9



#70
Styrene
Concen: 54.099 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

Tgt Ion:104 Resp: 596323
Ion Ratio Lower Upper
104 100
78 53.6 38.5 57.7
103 56.1 44.1 66.1





#71

Bromoform

Concen: 48.514 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

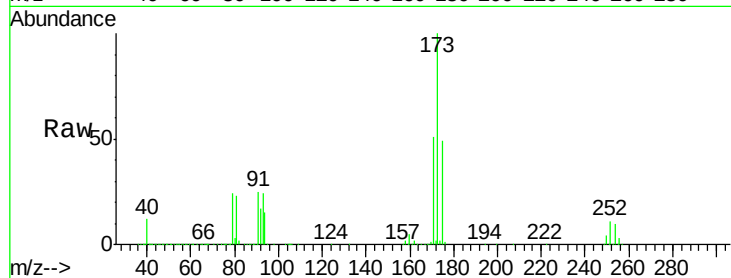
Tot Ion:173 Resp: 156931

Ion Ratio Lower Upper

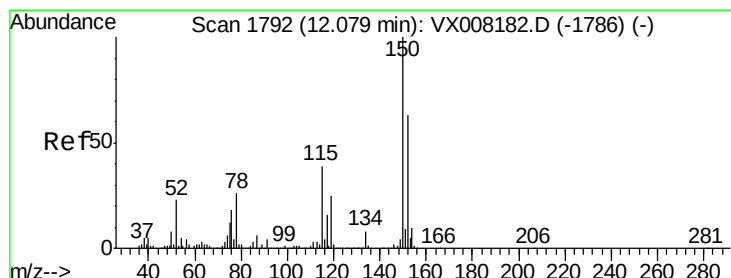
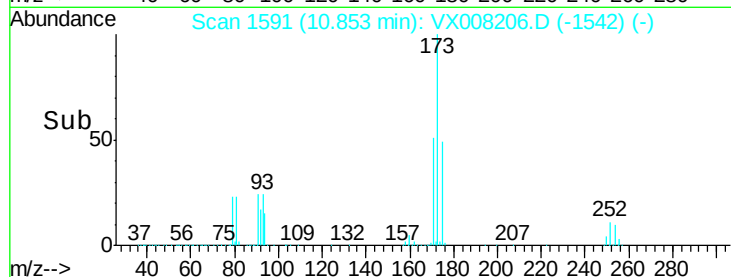
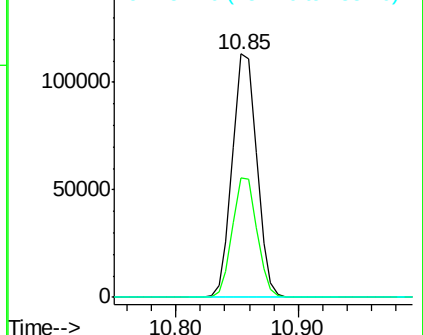
173 100

175 49.2 24.3 72.9

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

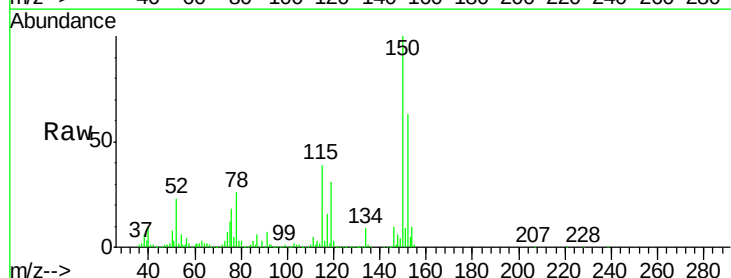
Tgt Ion:152 Resp: 202613

Ion Ratio Lower Upper

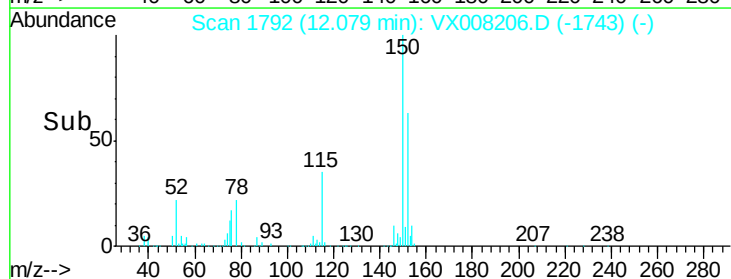
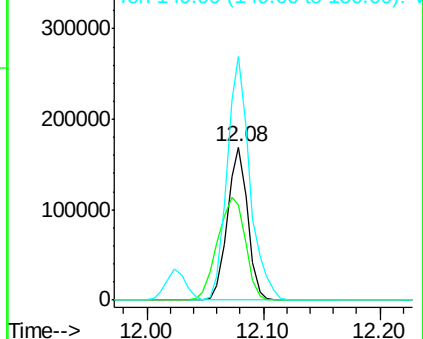
152 100

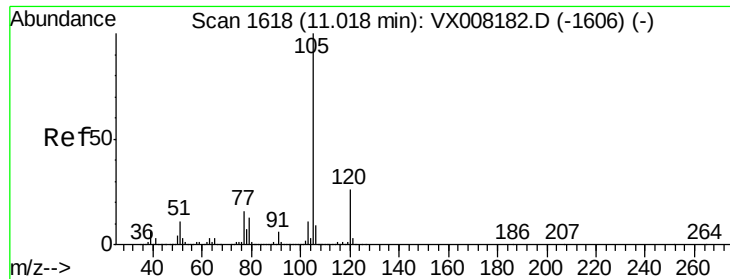
115 91.3 38.6 115.7

150 179.7 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.354 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

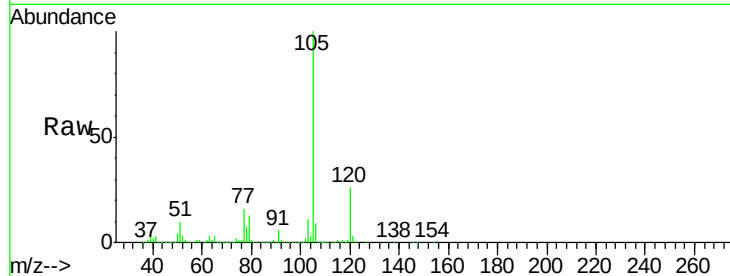
VSTDCCC050

Tot Ion:105 Resp: 963580

Ion Ratio Lower Upper

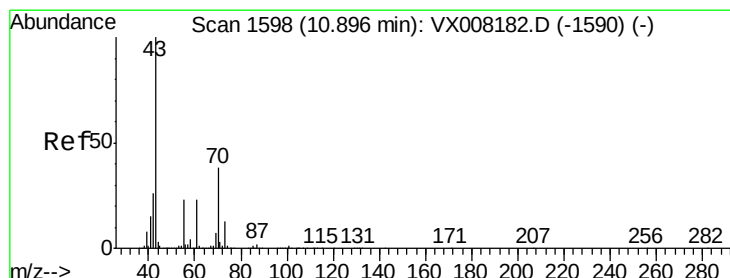
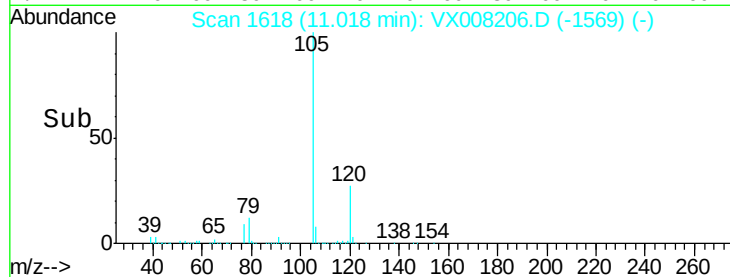
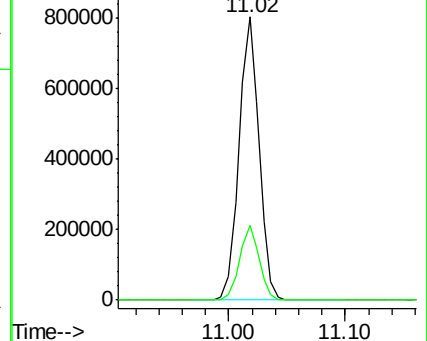
105 100

120 25.8 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.307 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Tgt Ion: 43 Resp: 504395

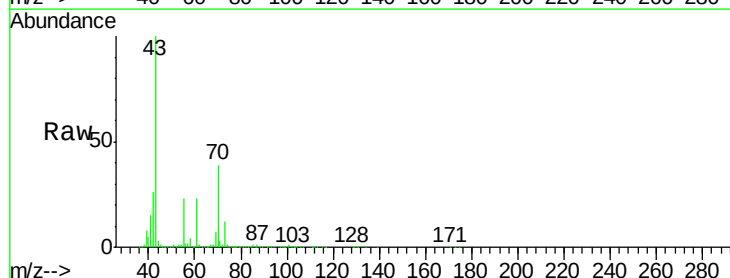
Ion Ratio Lower Upper

43 100

70 39.0 33.5 50.3

55 23.7 19.2 28.8

61 23.2 19.0 28.6

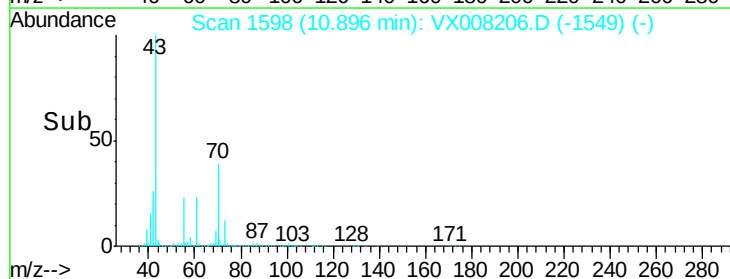
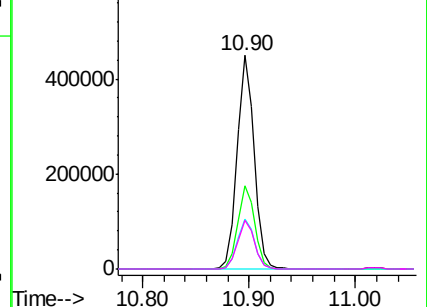


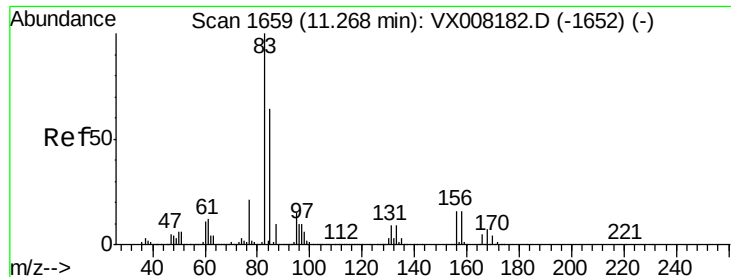
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.041 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

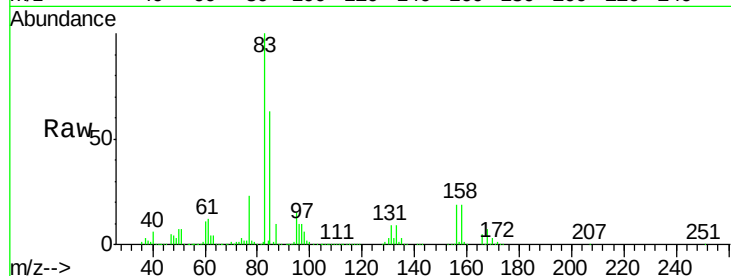
Tot Ion: 83 Resp: 330541

Ion Ratio Lower Upper

83 100

131 9.4 5.4 16.2

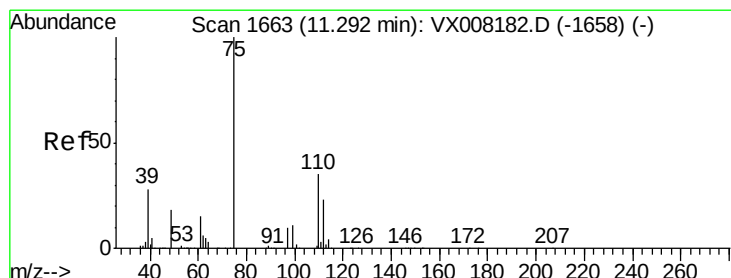
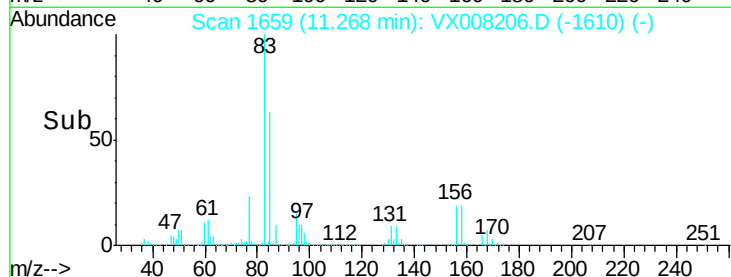
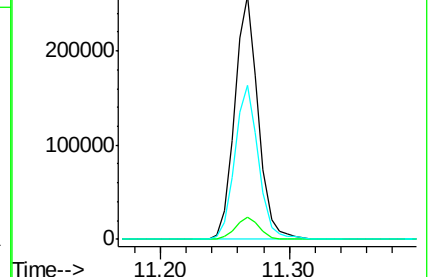
85 63.6 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 71.160 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008206.D

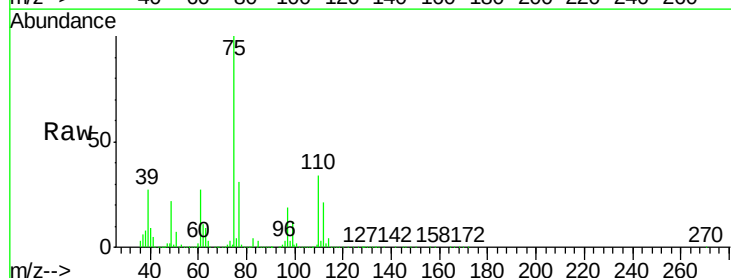
Acq: 19 Mar 2019 22:13

Tgt Ion: 75 Resp: 405519

Ion Ratio Lower Upper

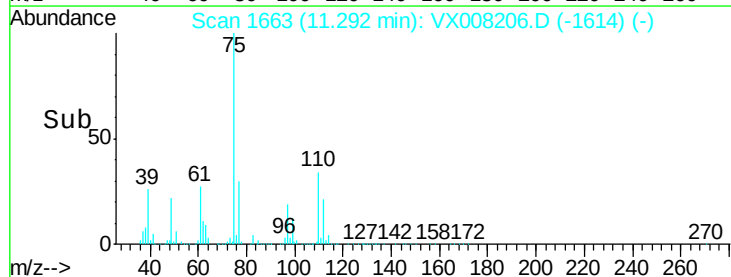
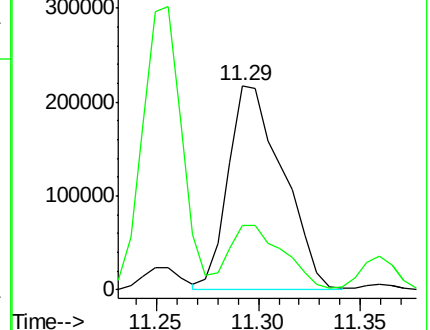
75 100

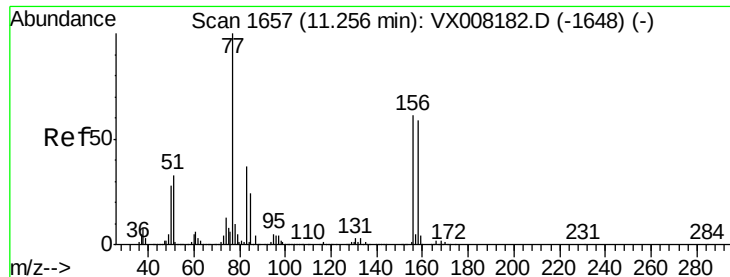
77 31.7 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.794 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

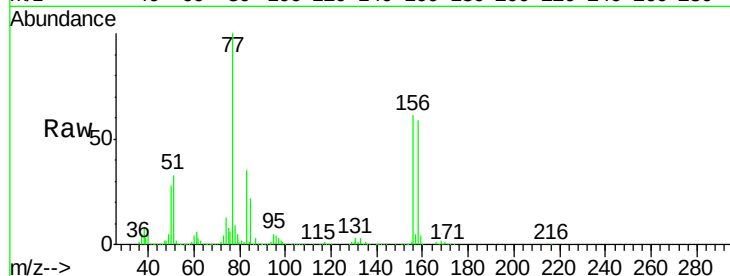
Tot Ion:156 Resp: 230528

Ion Ratio Lower Upper

156 100

77 173.2 72.0 215.9

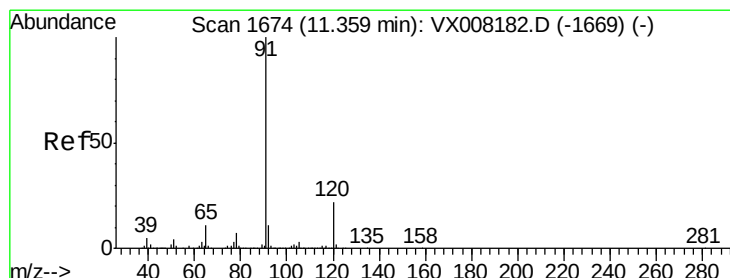
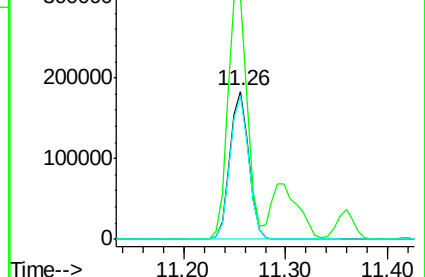
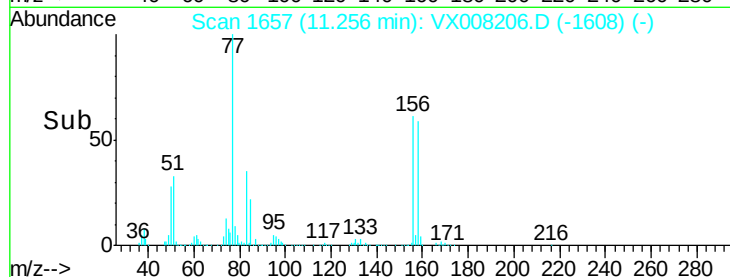
158 96.5 48.6 145.9



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: 53.506 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008206.D

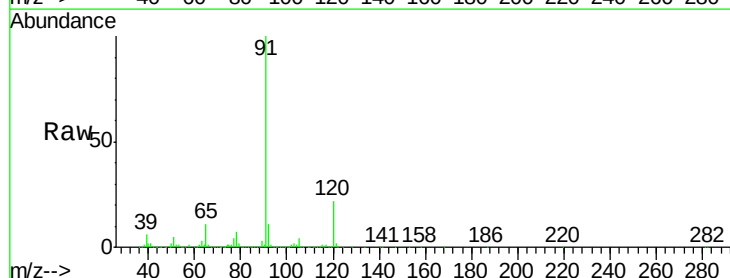
Acq: 19 Mar 2019 22:13

Tgt Ion: 91 Resp: 1122331

Ion Ratio Lower Upper

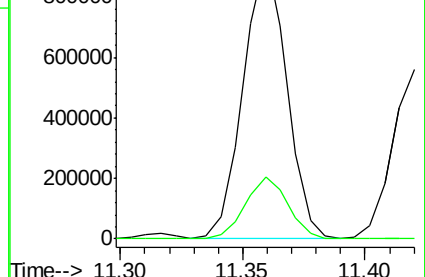
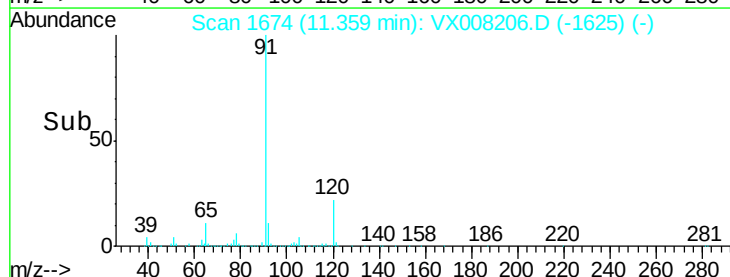
91 100

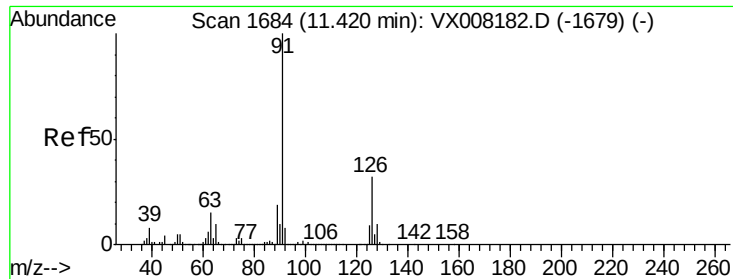
120 22.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

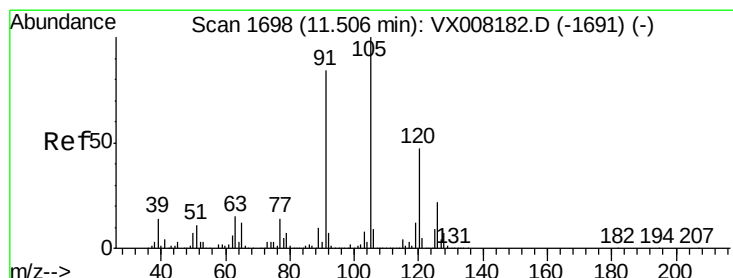
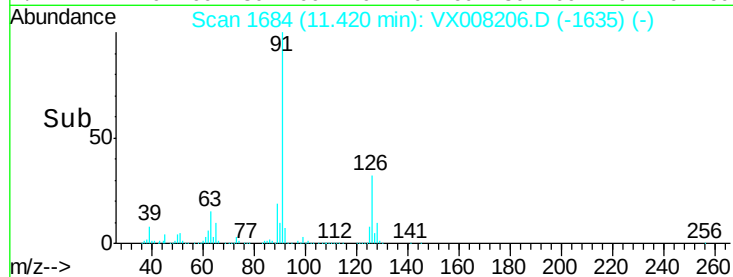
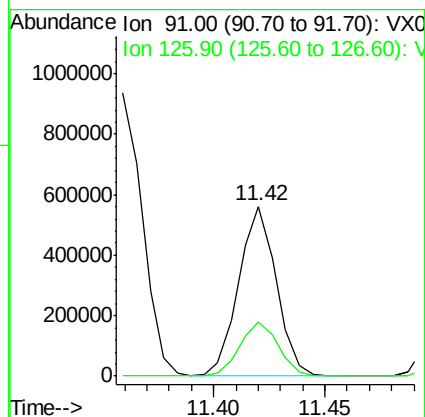
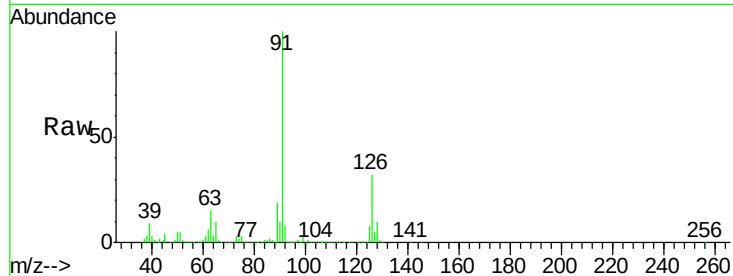




#79
 2-Chlorotoluene
 Concen: 52.688 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008206.D
 Acq: 19 Mar 2019 22:13

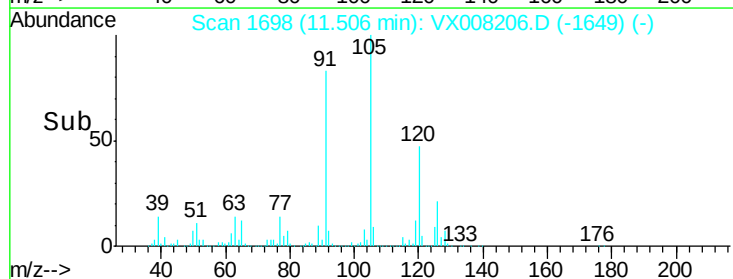
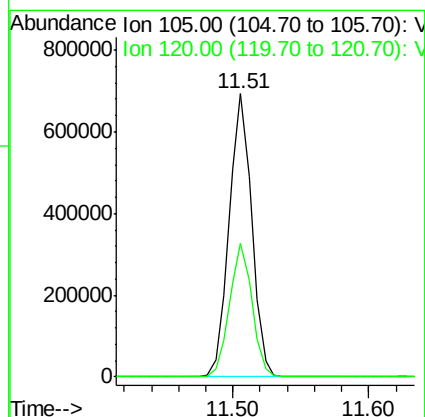
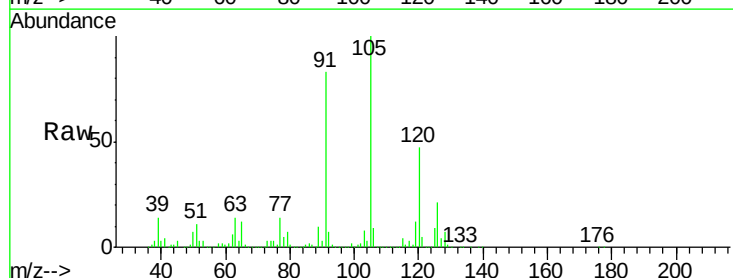
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

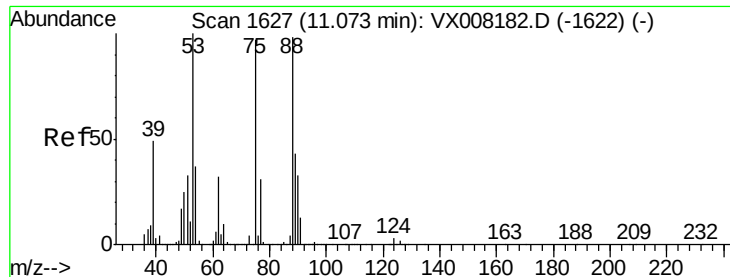
Tot Ion: 91 Resp: 663332
 Ion Ratio Lower Upper
 91 100
 126 32.5 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 53.383 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008206.D
 Acq: 19 Mar 2019 22:13

Tgt Ion: 105 Resp: 796499
 Ion Ratio Lower Upper
 105 100
 120 47.0 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 47.367 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

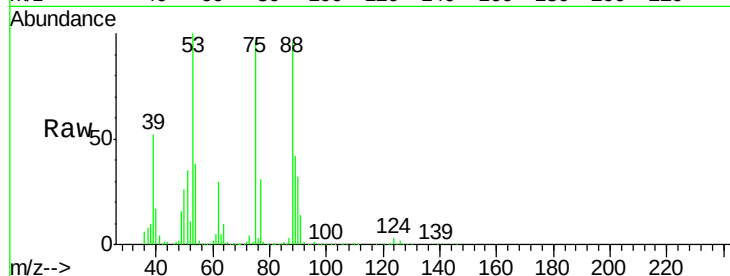
Tot Ion: 75 Resp: 105711

Ion Ratio Lower Upper

75 100

53 103.9 76.1 114.1

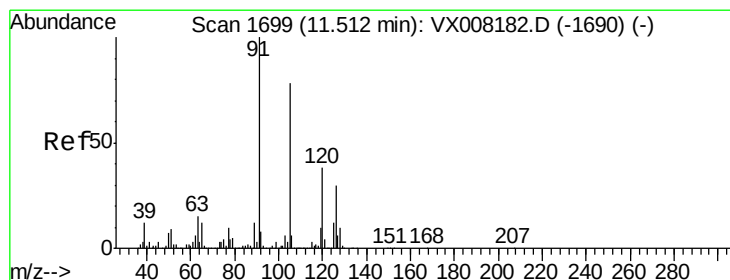
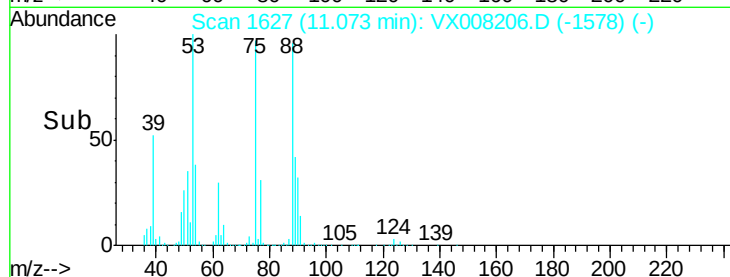
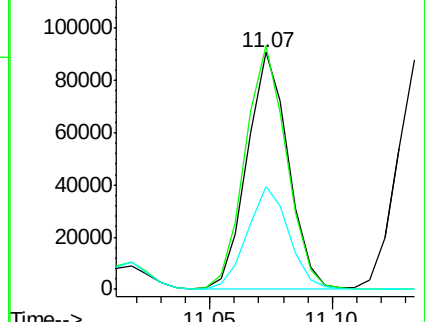
89 43.9 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 52.482 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008206.D

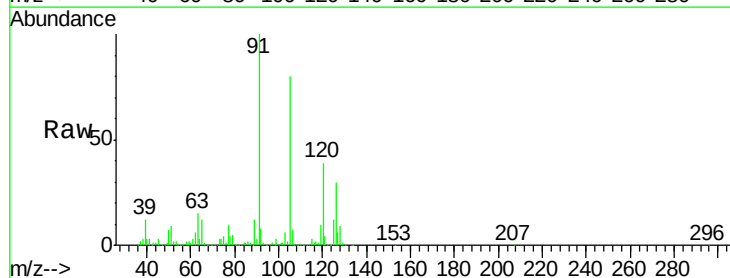
Acq: 19 Mar 2019 22:13

Tgt Ion: 91 Resp: 768886

Ion Ratio Lower Upper

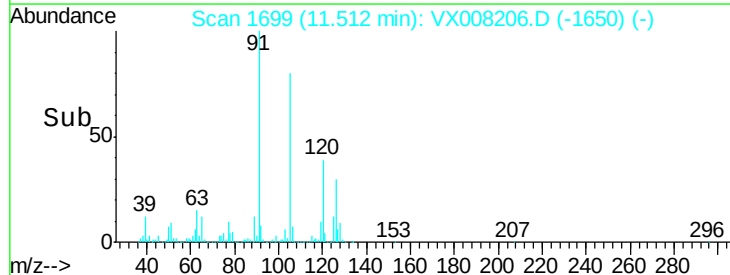
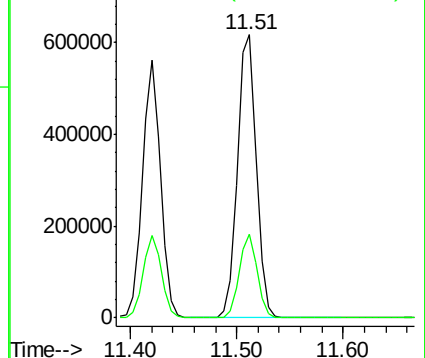
91 100

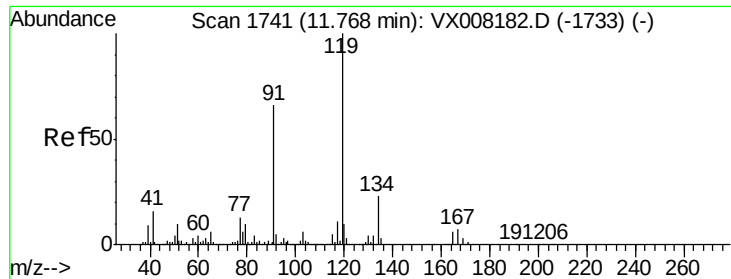
126 28.2 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 52.480 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

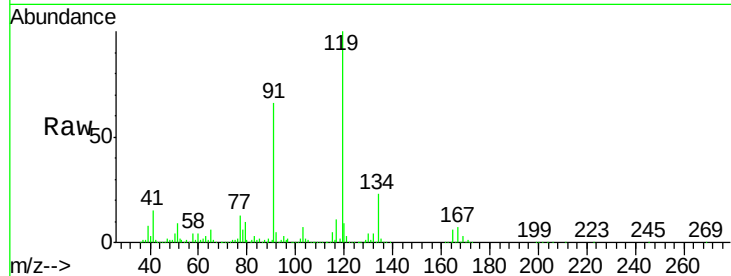
Tot Ion:119 Resp: 747583

Ion Ratio Lower Upper

119 100

91 62.1 27.1 81.3

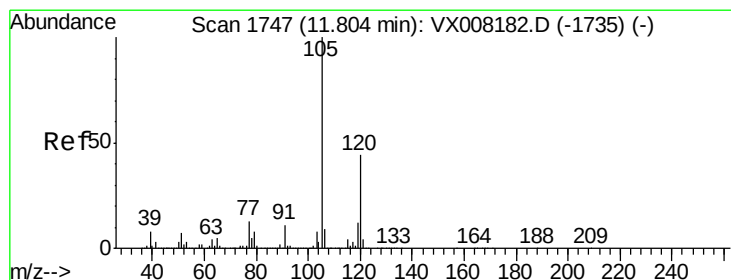
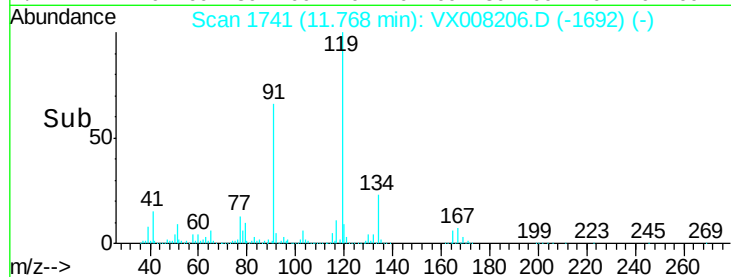
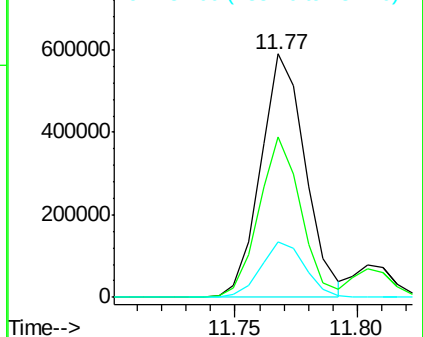
134 22.5 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.313 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008206.D

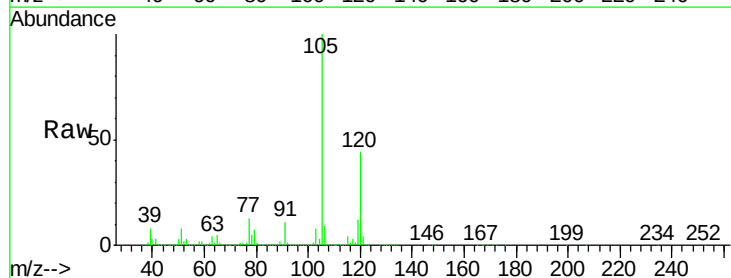
Acq: 19 Mar 2019 22:13

Tgt Ion:105 Resp: 806413

Ion Ratio Lower Upper

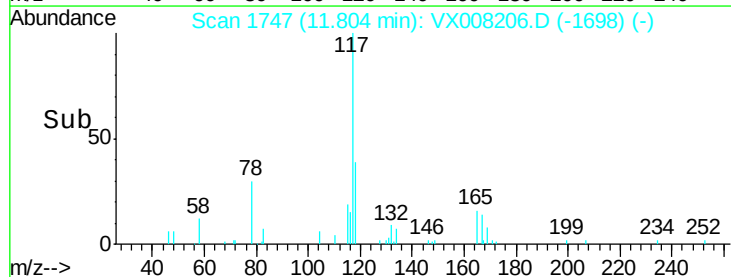
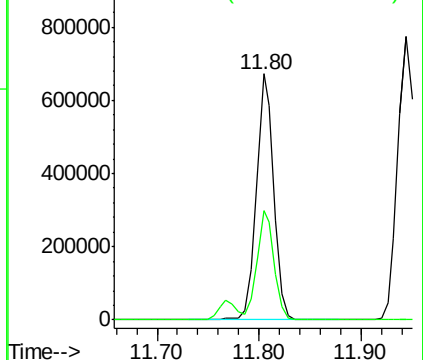
105 100

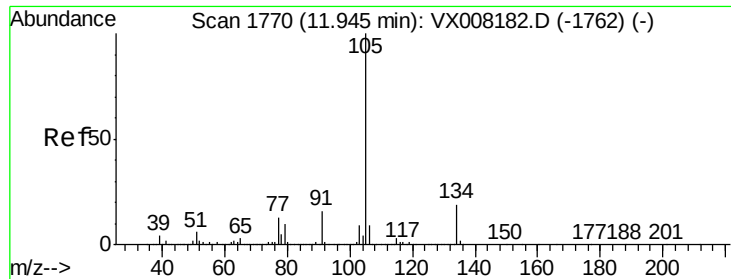
120 43.5 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.451 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

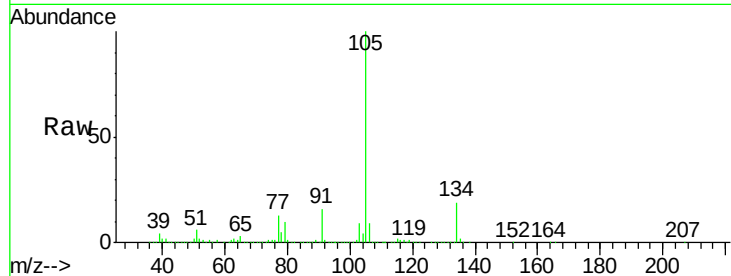
VSTDCCC050

Tot Ion:105 Resp: 942923

Ion Ratio Lower Upper

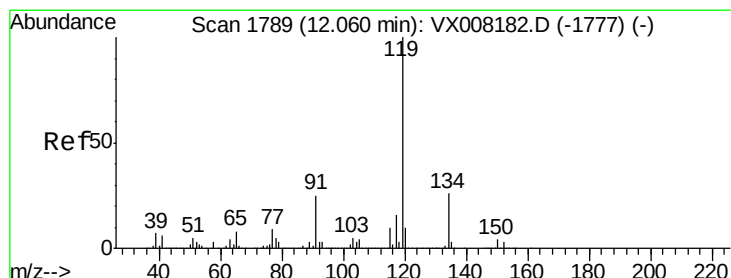
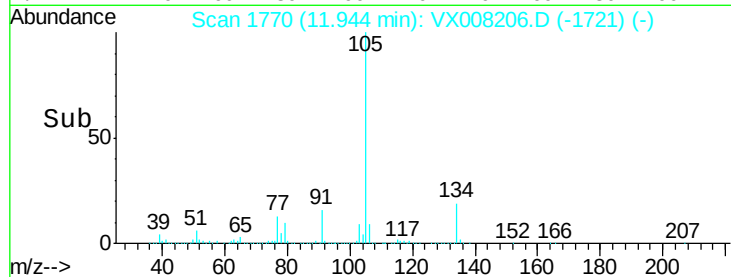
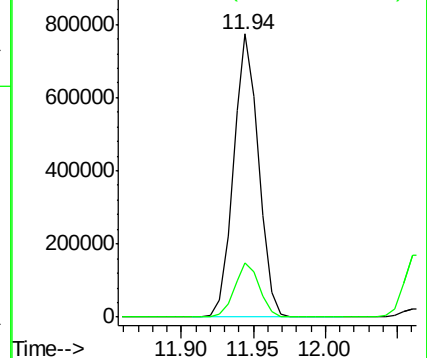
105 100

134 19.3 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.137 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

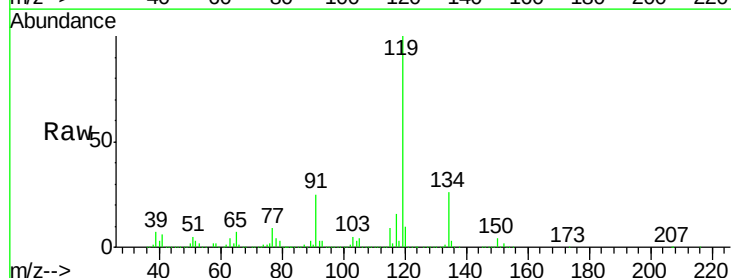
Tgt Ion:119 Resp: 811388

Ion Ratio Lower Upper

119 100

134 25.8 13.3 39.9

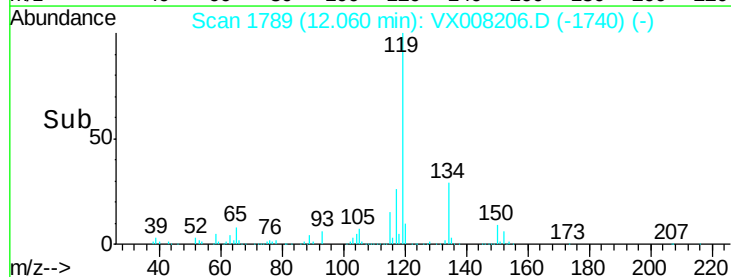
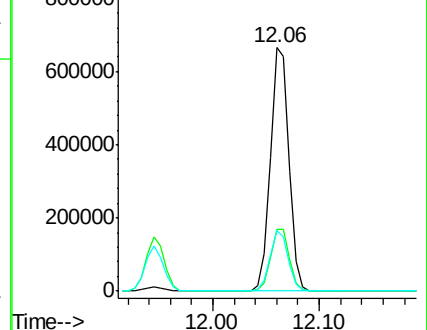
91 24.3 10.9 32.7

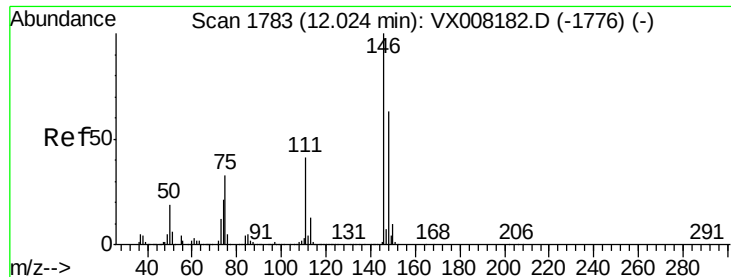


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 51.872 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

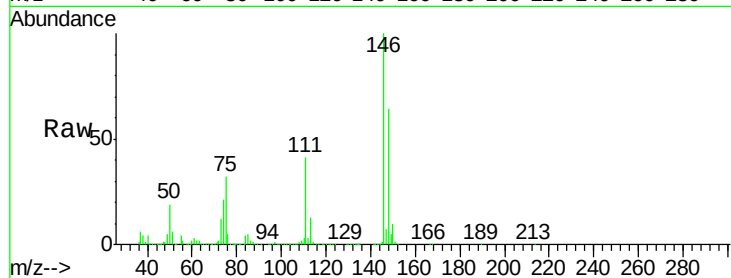
Tot Ion:146 Resp: 404791

Ion Ratio Lower Upper

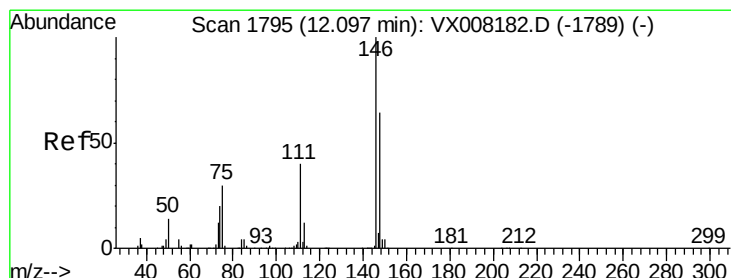
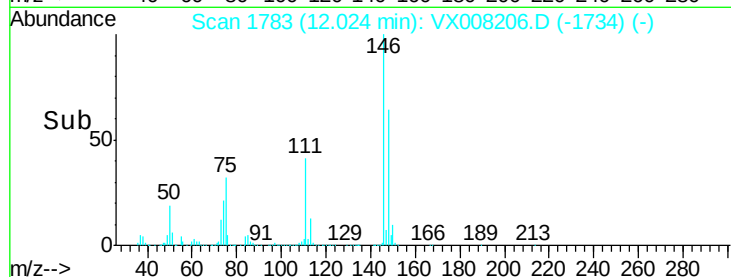
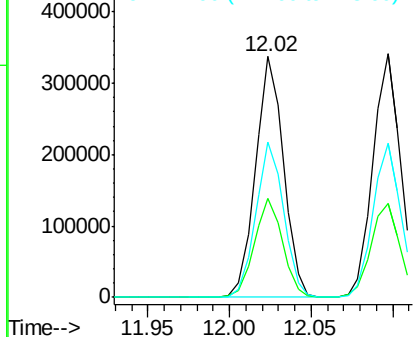
146 100

111 41.5 18.9 56.7

148 64.0 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



#88

1,4-Dichlorobenzene

Concen: 50.188 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

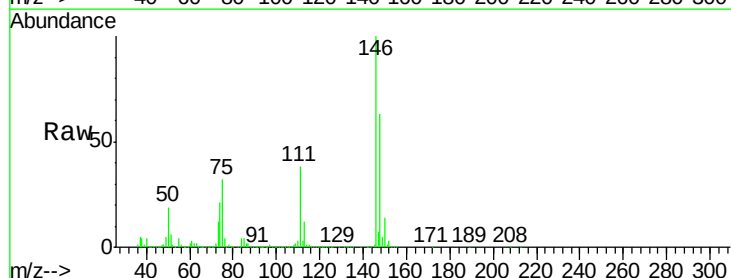
Tgt Ion:146 Resp: 405114

Ion Ratio Lower Upper

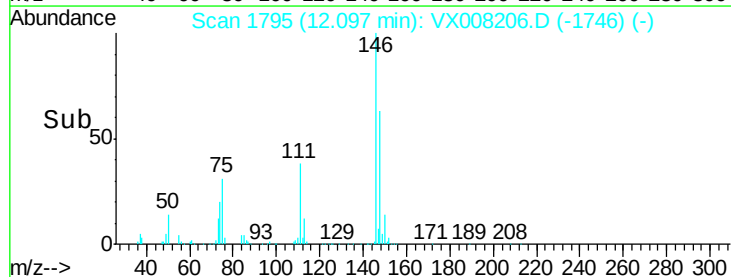
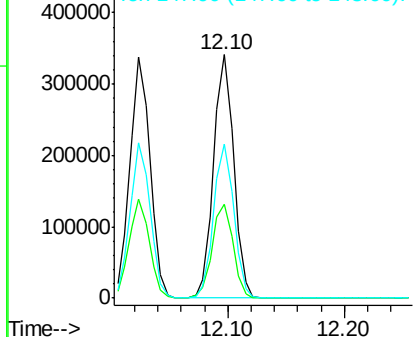
146 100

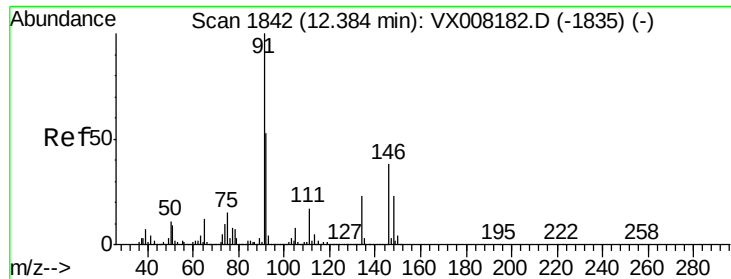
111 39.8 18.4 55.0

148 63.4 32.2 96.6



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

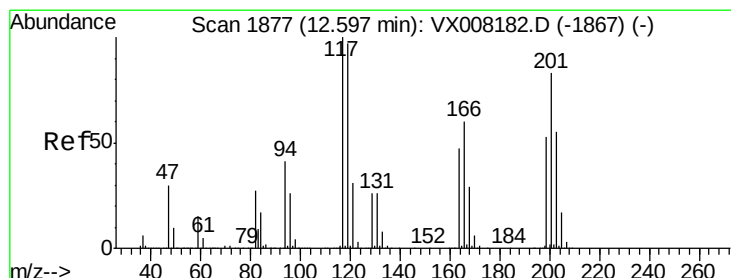
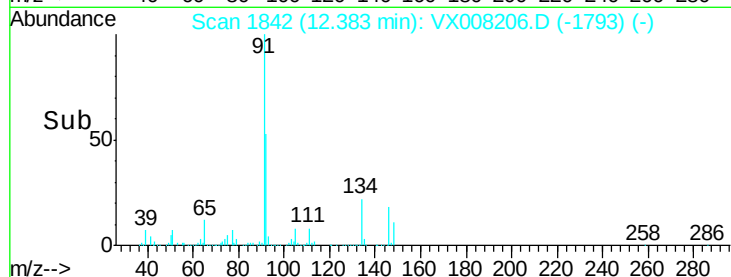
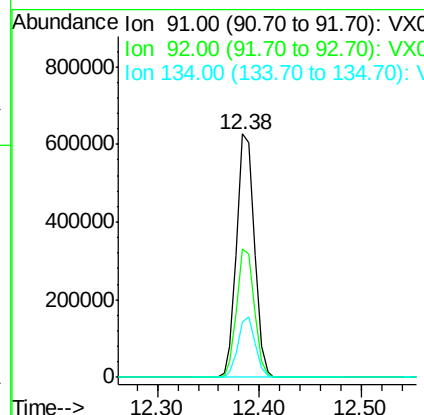
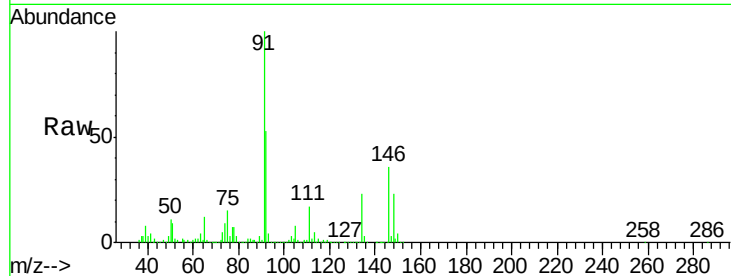




#89
n-Butylbenzene
Concen: 52.372 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

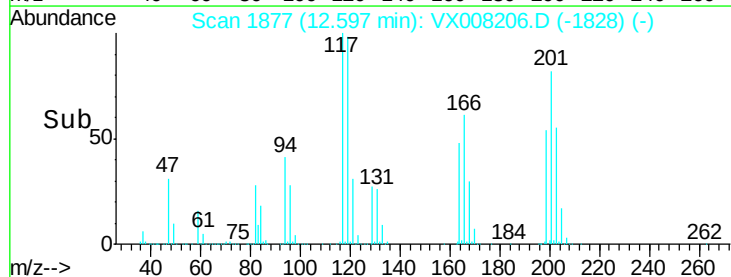
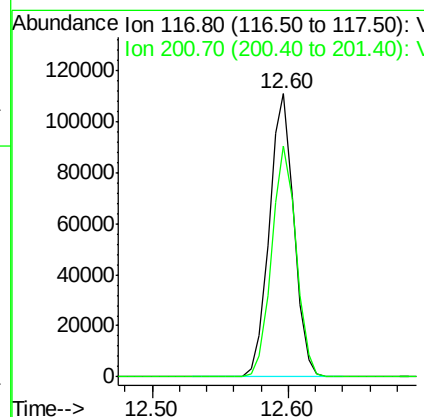
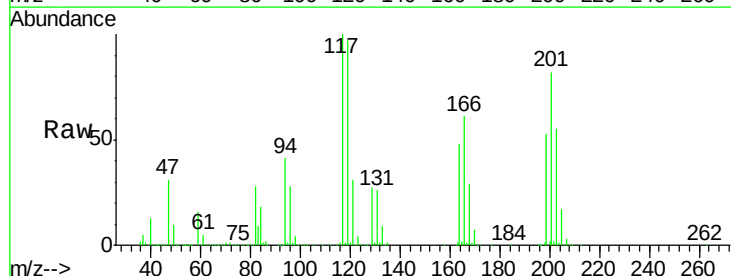
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

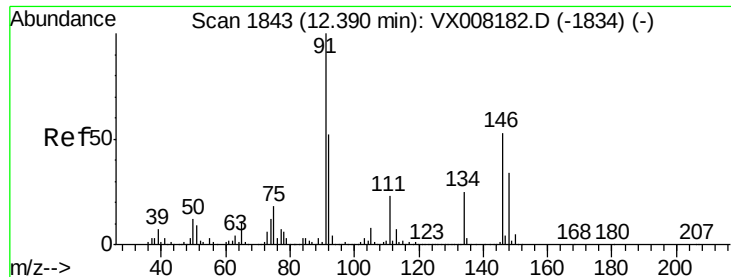
Tot Ion: 91 Resp: 750582
Ion Ratio Lower Upper
91 100
92 52.3 27.0 80.8
134 24.1 13.7 41.0



#90
Hexachloroethane
Concen: 54.124 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

Tgt Ion: 117 Resp: 140755
Ion Ratio Lower Upper
117 100
201 81.3 48.9 146.7

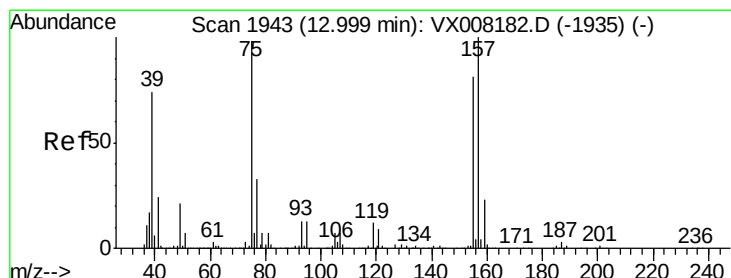
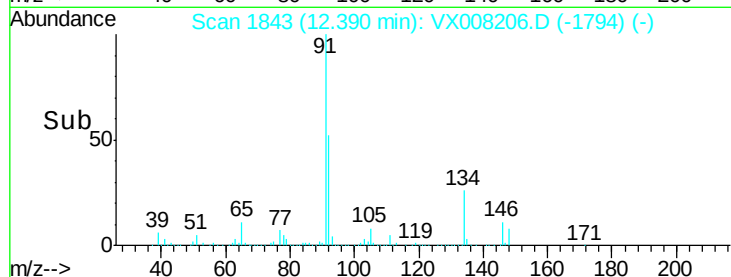
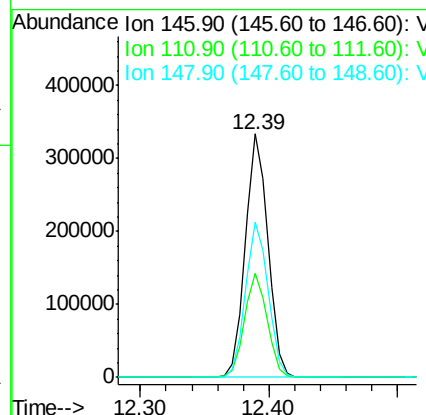
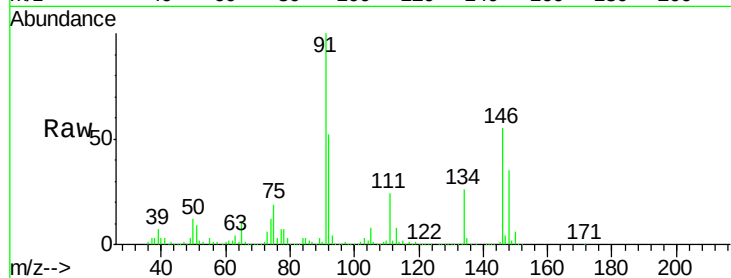




#91
 1,2-Dichlorobenzene
 Concen: 51.381 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008206.D
 Acq: 19 Mar 2019 22:13

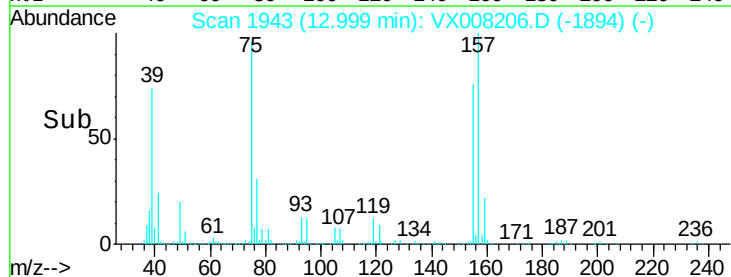
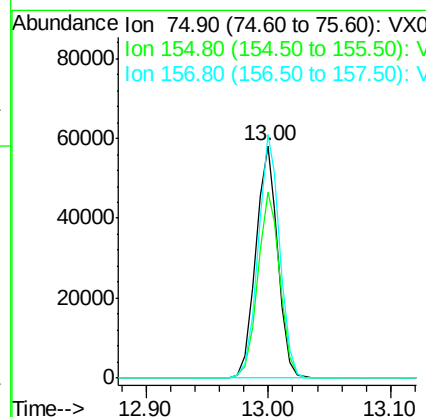
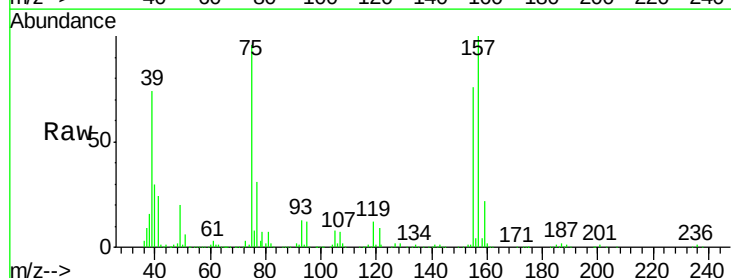
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

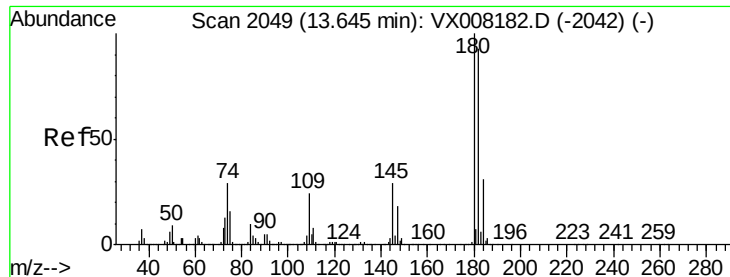
Tot Ion:146 Resp: 404284
 Ion Ratio Lower Upper
 146 100
 111 43.0 19.6 58.8
 148 63.8 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.628 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008206.D
 Acq: 19 Mar 2019 22:13

Tgt Ion: 75 Resp: 72822
 Ion Ratio Lower Upper
 75 100
 155 80.8 49.7 149.1
 157 103.4 63.8 191.4

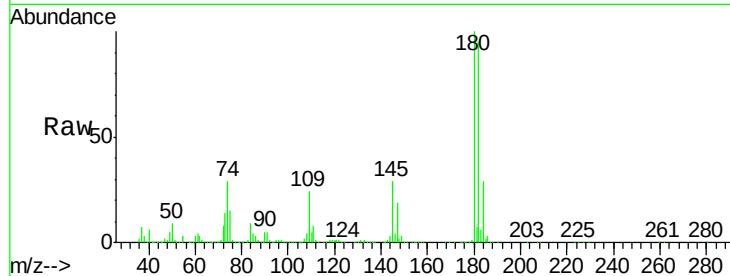




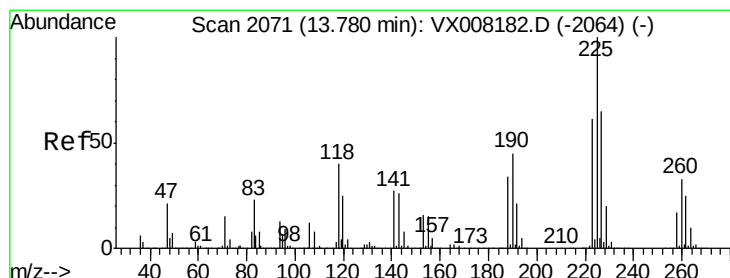
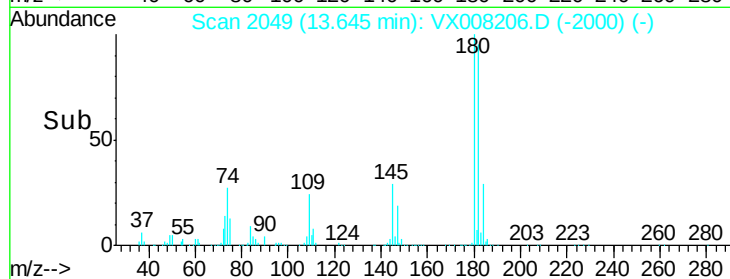
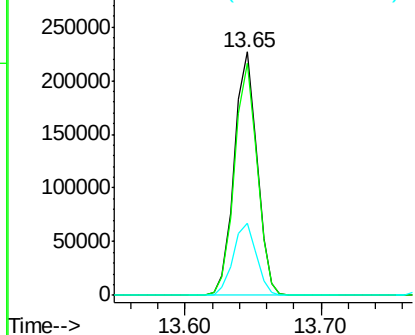
#93
 1,2,4-Trichlorobenzene
 Concen: 51.158 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008206.D
 Acq: 19 Mar 2019 22:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 265144
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.9 143.7
 145 30.2 14.1 42.4

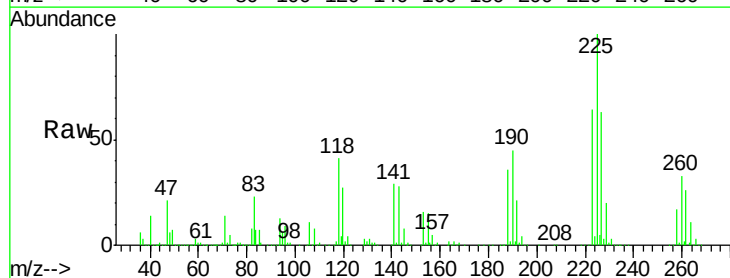


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

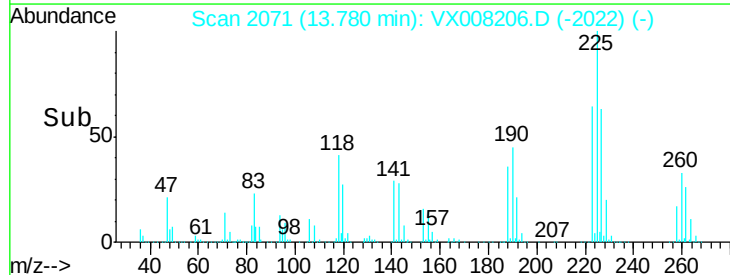
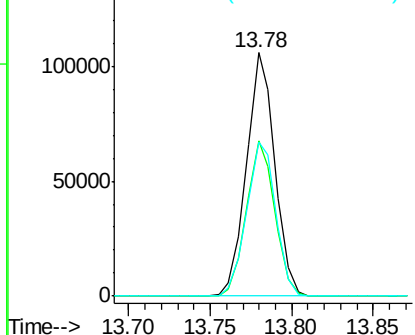


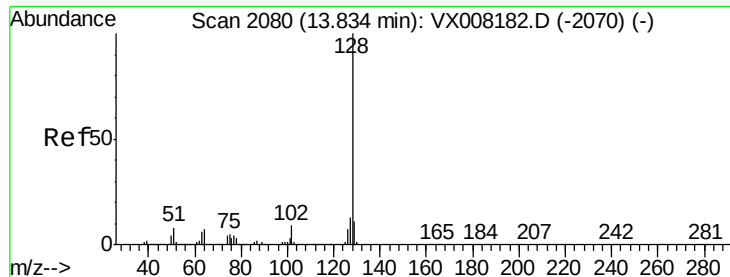
#94
 Hexachlorobutadiene
 Concen: 50.728 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008206.D
 Acq: 19 Mar 2019 22:13

Tgt Ion:225 Resp: 128225
 Ion Ratio Lower Upper
 225 100
 223 64.2 31.1 93.2
 227 65.5 32.0 96.0



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

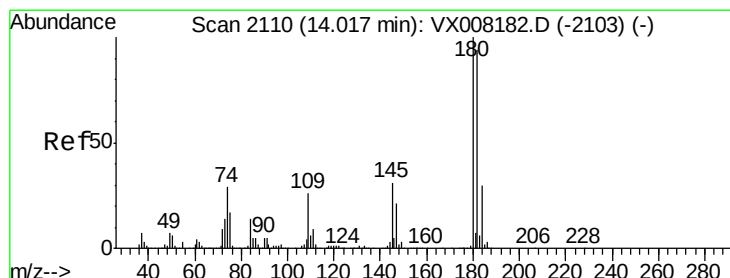
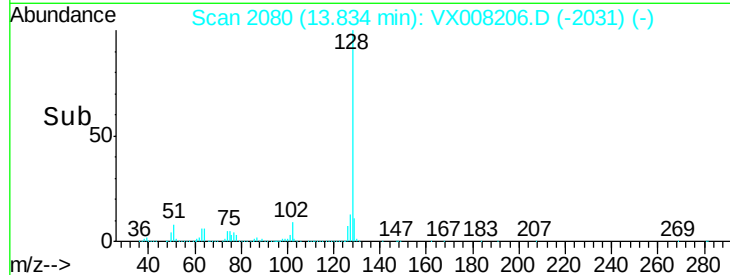
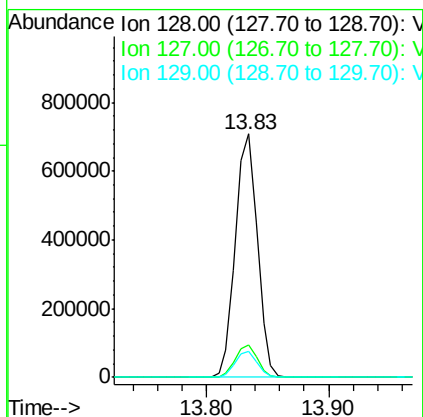
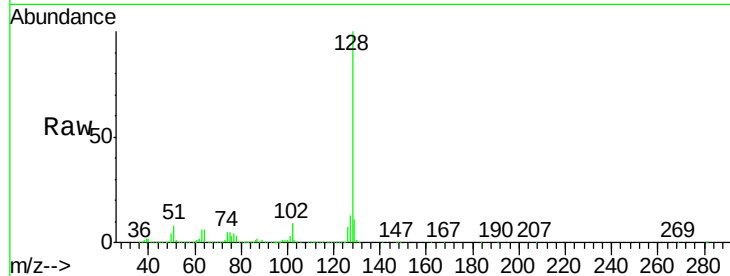




#95
Naphthalene
Concen: 53.633 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 877329
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.670 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

Tgt Ion:180 Resp: 263505
Ion Ratio Lower Upper
180 100
182 96.0 47.5 142.5
145 31.7 14.8 44.3

