

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 :

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

33) 1,2-Dichloroethane-d4	6.07	65	202549	45.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.26%	
35) Dibromofluoromethane	5.50	113	153116	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
50) Toluene-d8	8.71	98	590027	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
62) 4-Bromofluorobenzene	11.13	95	209861	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	

Target Compounds

						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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 MSVOA_X
 ClientSampleId :

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)
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

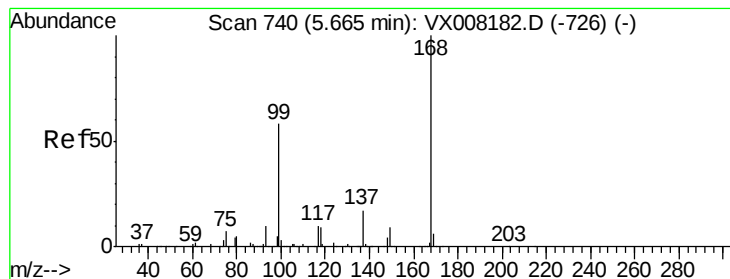
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
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Quant Title : SW846 8260
QLast Update : Wed Mar 20 06:51:58 2019
Response via : Initial Calibration

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

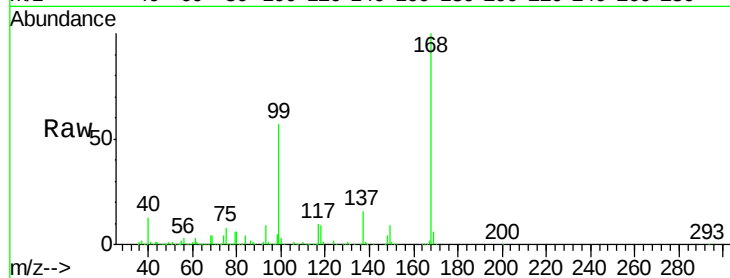
ClientSampleId :

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

100000

80000

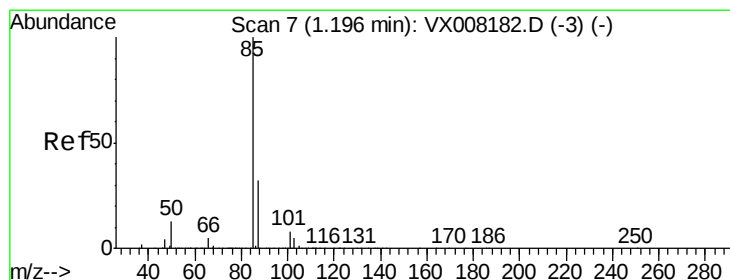
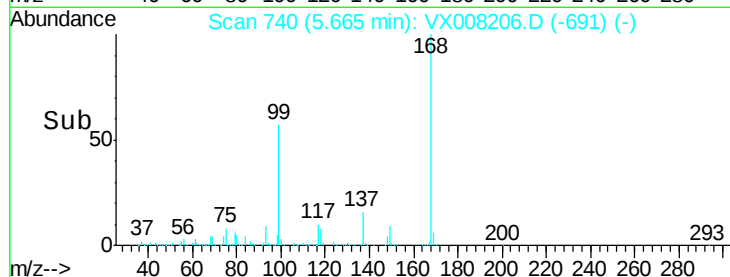
60000

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

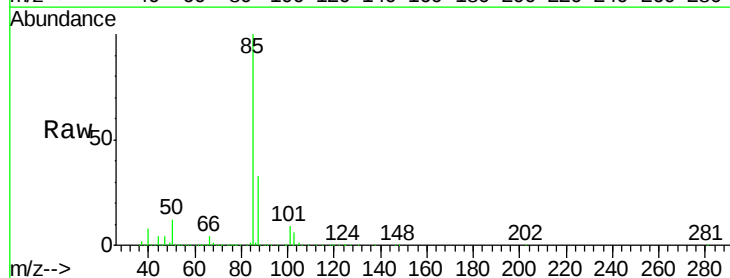
Acq: 19 Mar 2019 22:13

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

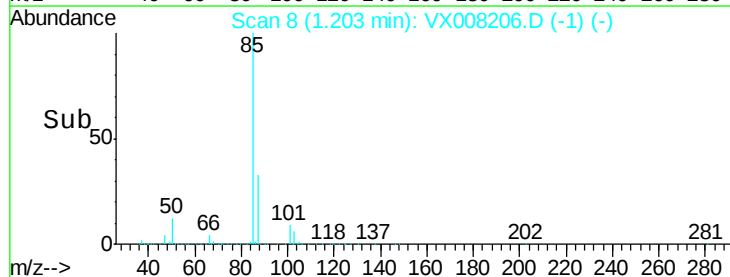
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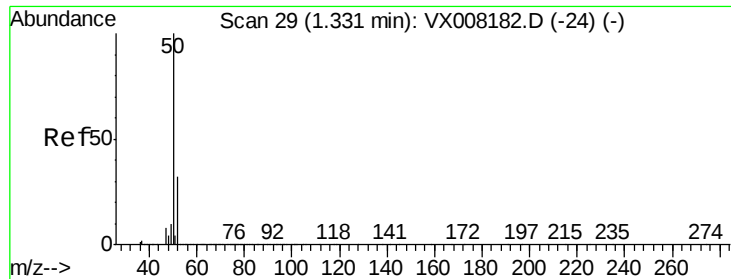
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Time-->

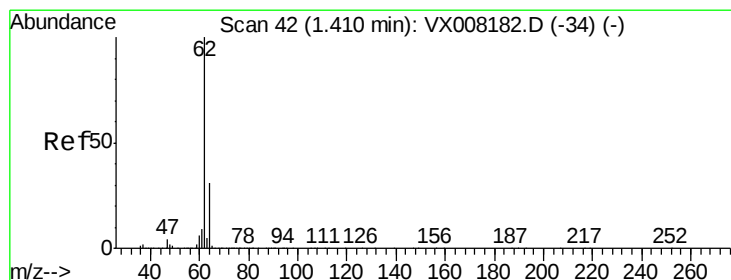
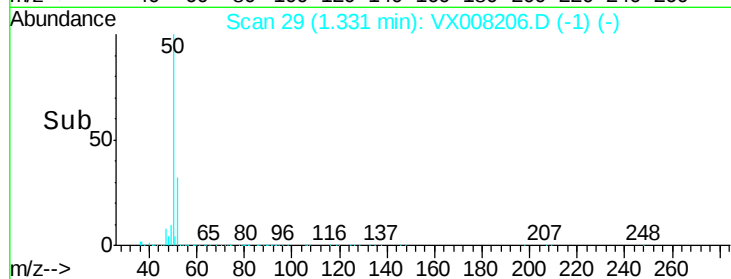
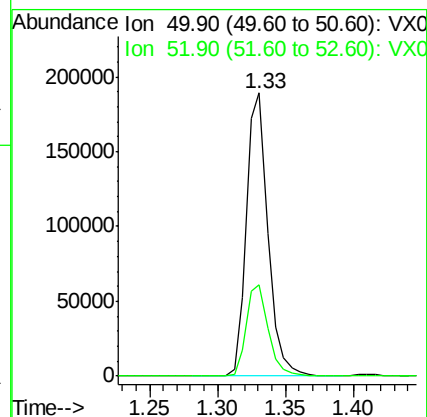
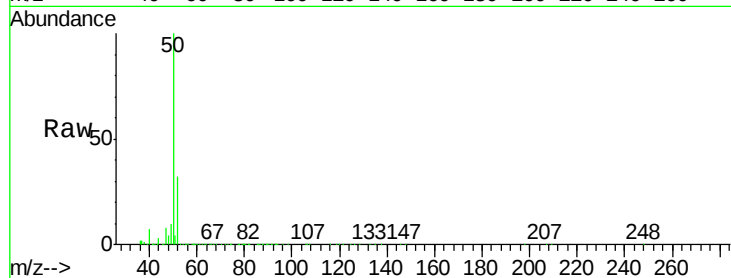




#3
Chloromethane
Concen: 46.573 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

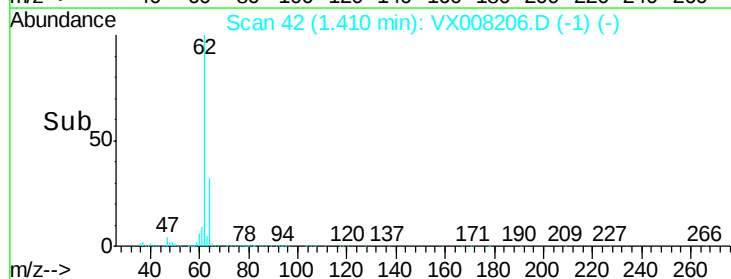
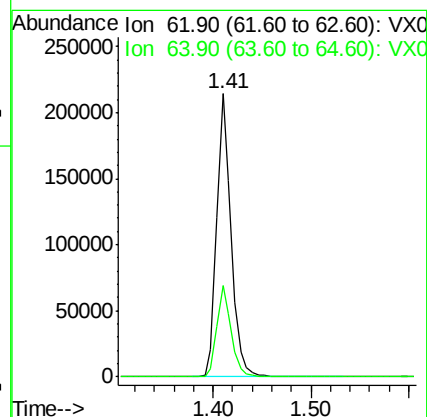
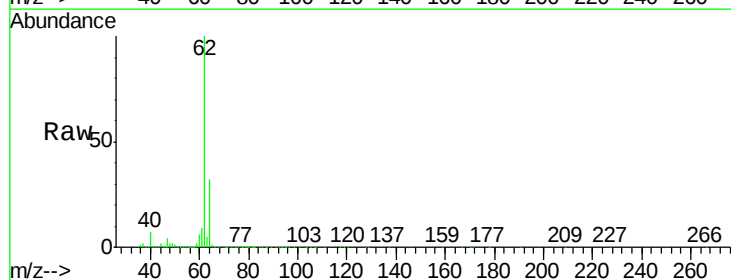
Instrument :
MSVOA_X
ClientSampleId :

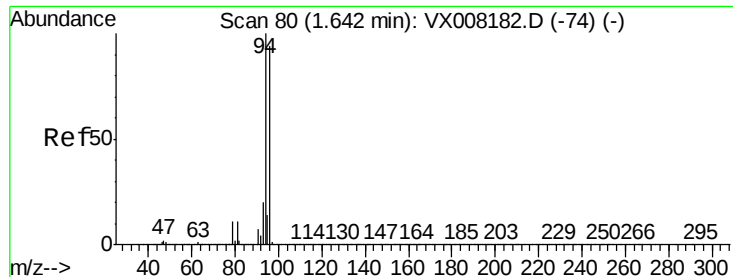
Tot Ion: 50 Resp: 208841
Ion Ratio Lower Upper
50 100
52 32.0 26.5 39.7



#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

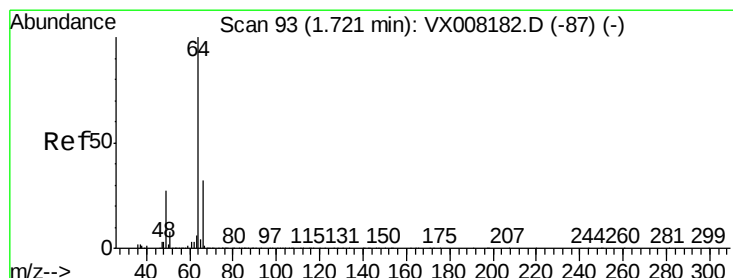
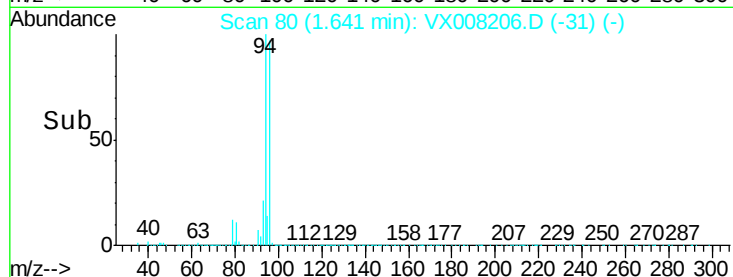
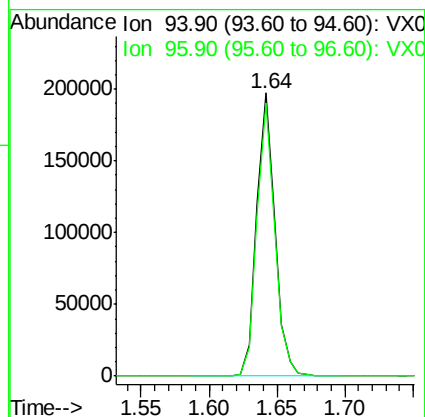
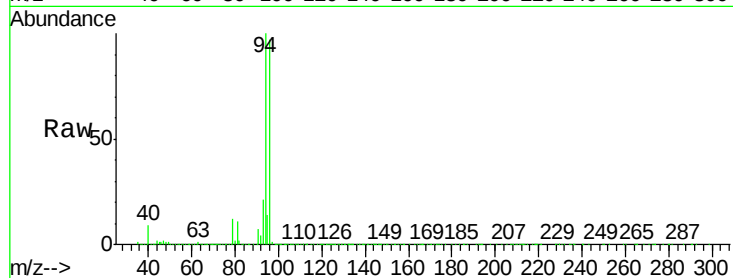
ClientSampleId :

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

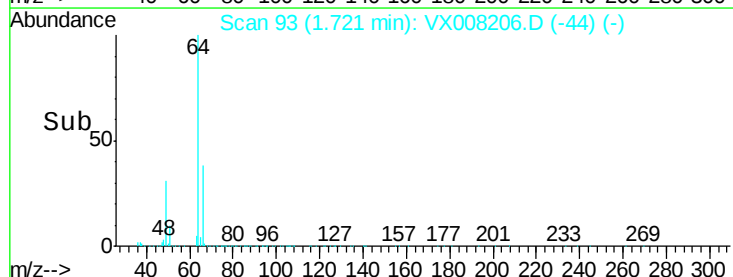
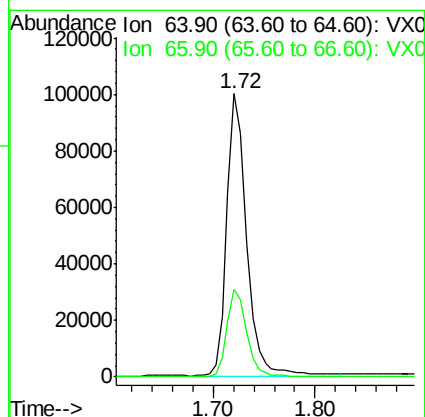
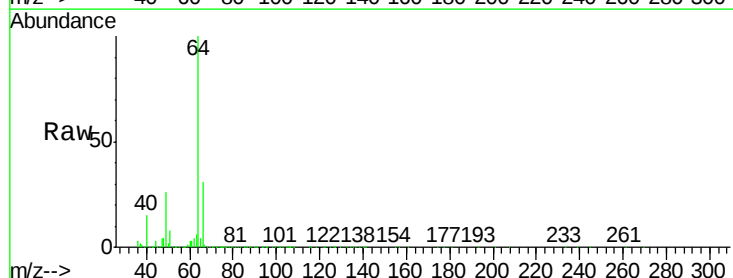
Acq: 19 Mar 2019 22:13

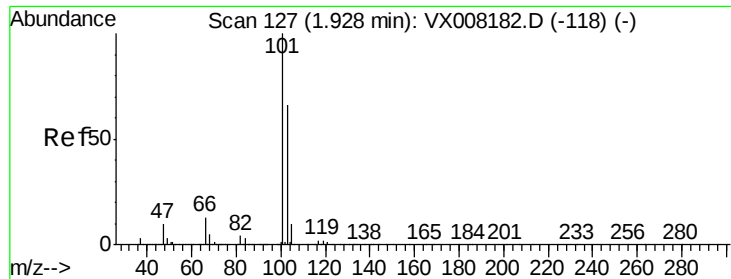
Tgt Ion: 64 Resp: 135103

Ion Ratio Lower Upper

64 100

66 30.9 25.2 37.8



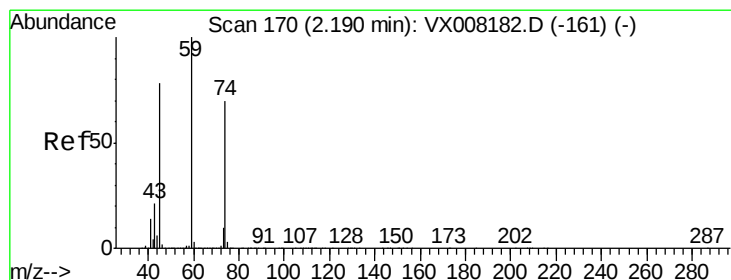
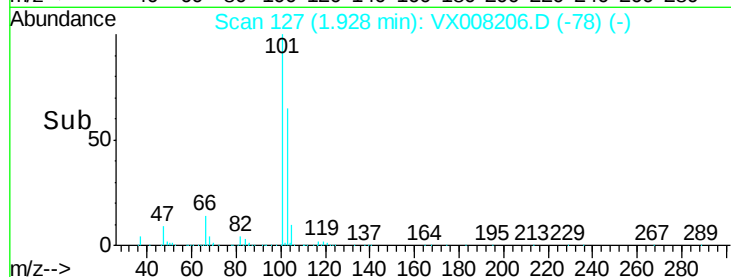
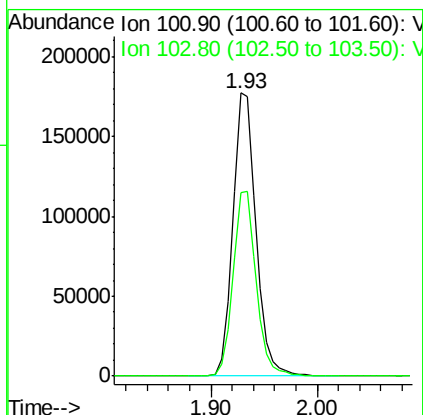
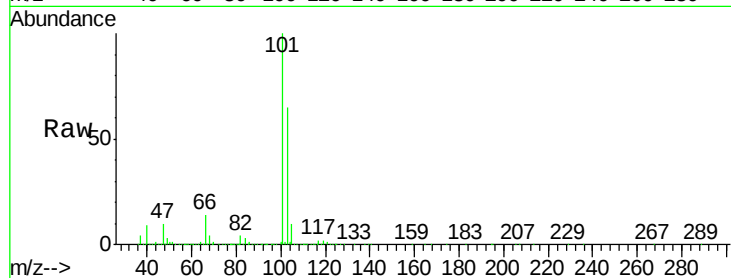


#7

Trichlorofluoromethane
Concen: 47.385 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

Instrument :
MSVOA_X
ClientSampled :

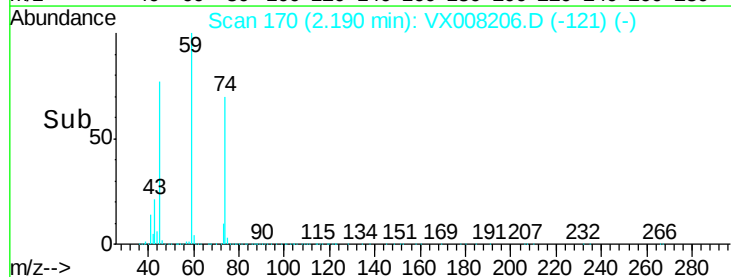
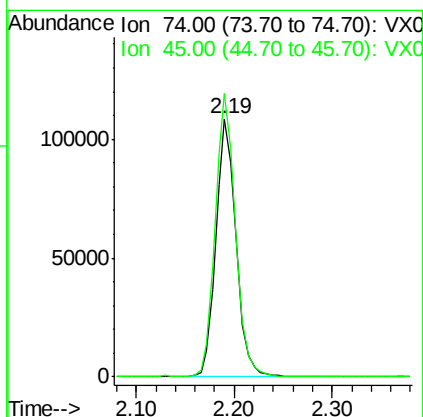
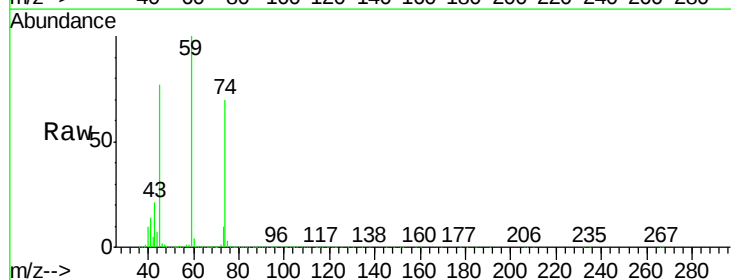
Tot Ion:101 Resp: 270371
Ion Ratio Lower Upper
101 100
103 64.8 50.4 75.6

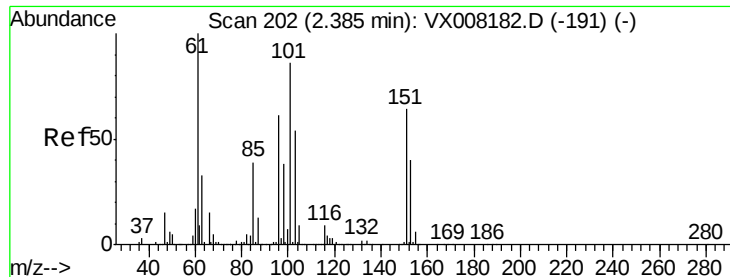


#8

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 :

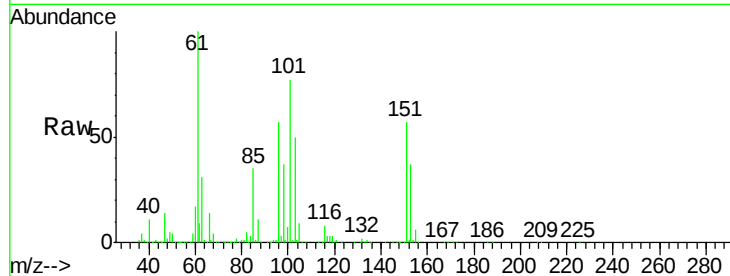
Tot Ion:101 Resp: 187464

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

120000

100000

80000

60000

40000

20000

0

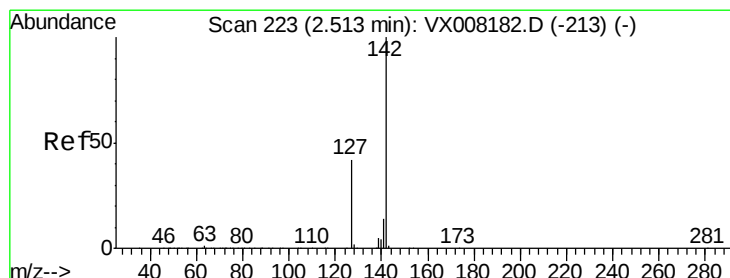
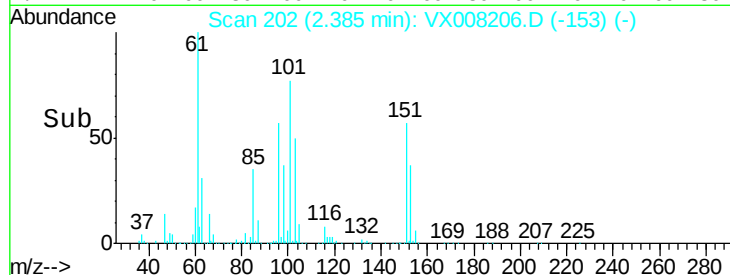
2.39

2.30

2.40

2.50

Time-->



#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

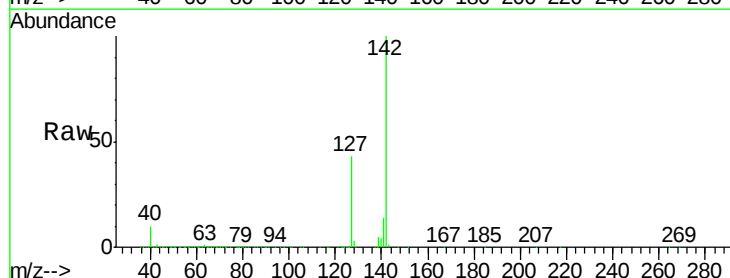
Tgt Ion:142 Resp: 257579

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

200000

150000

100000

50000

0

2.51

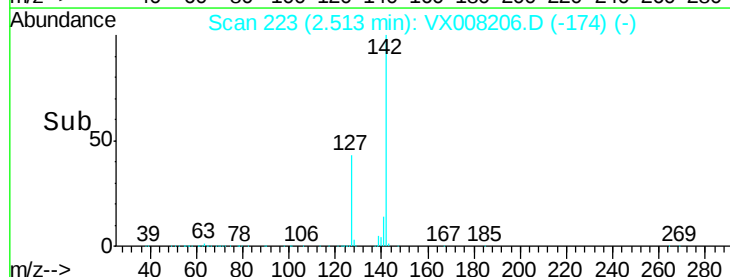
2.40

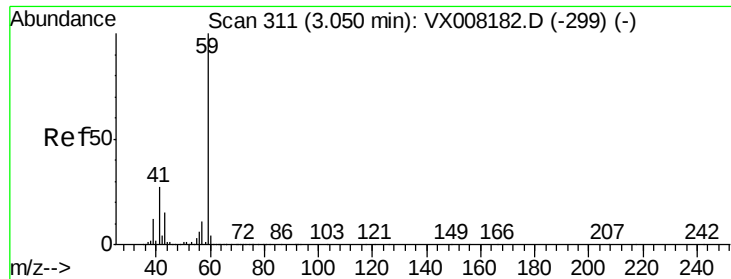
2.50

2.60

2.70

Time-->



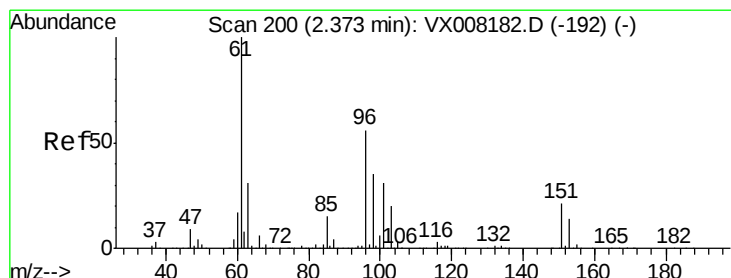
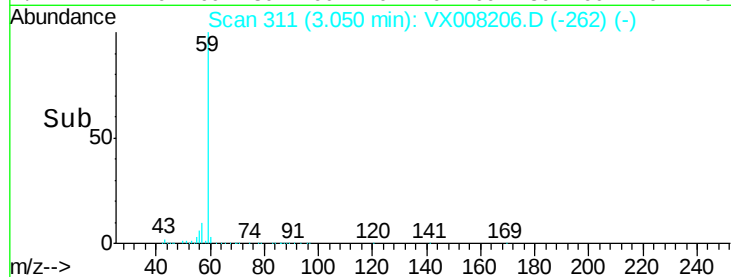
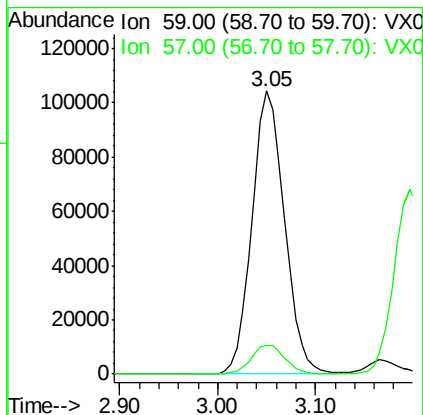
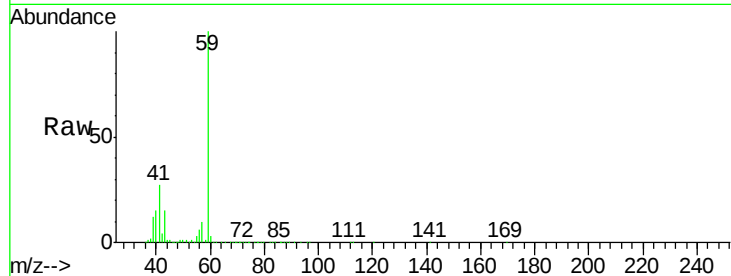


#11

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 :

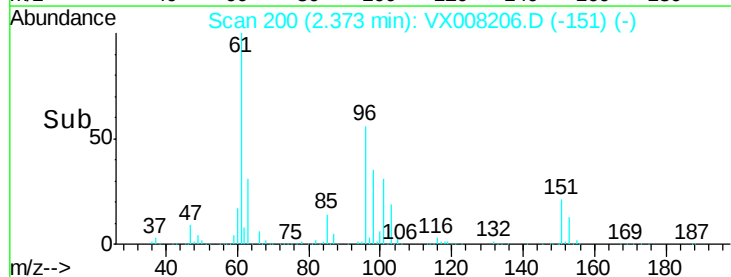
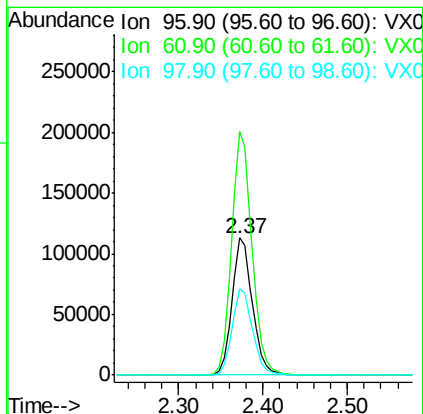
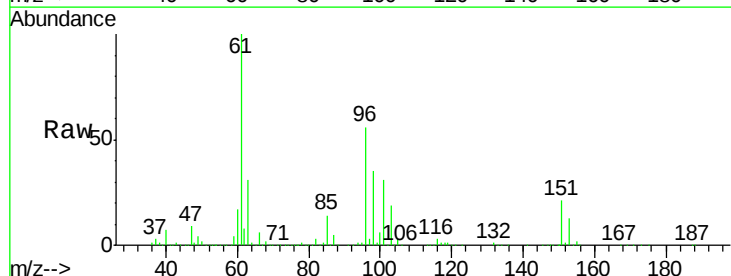
Tot Ion: 59 Resp: 241371
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2

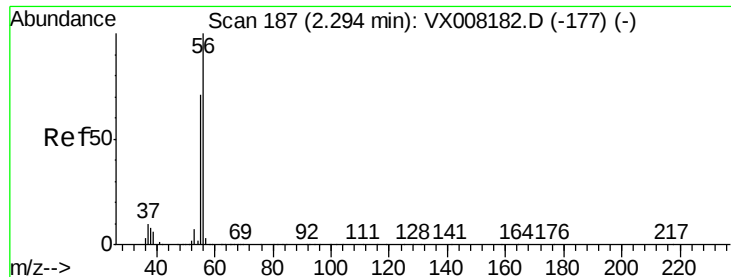


#12

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

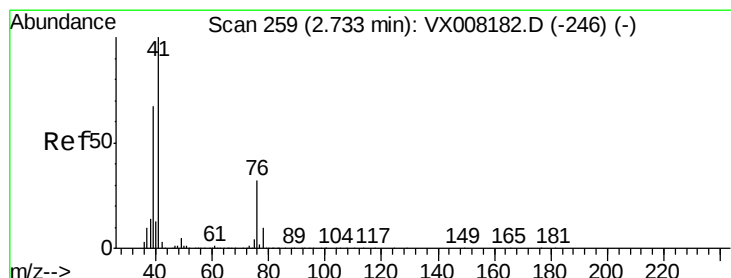
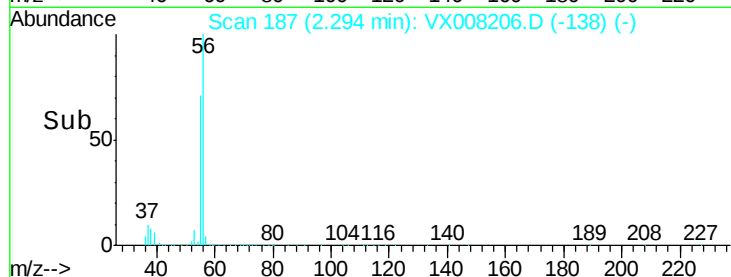
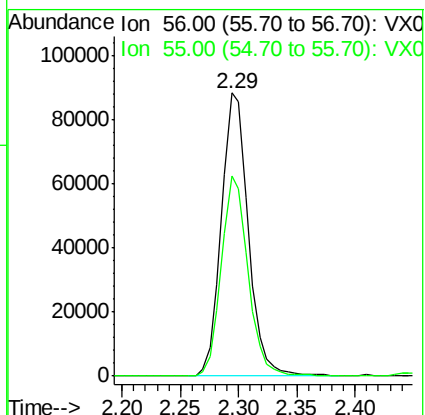
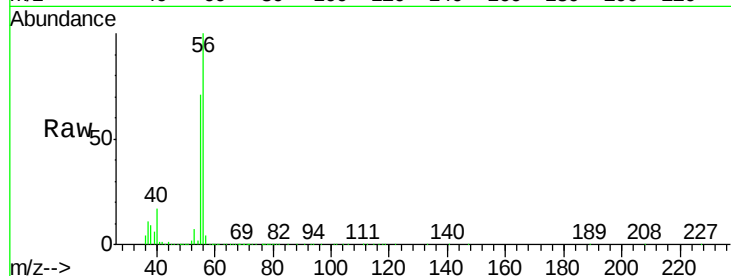
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 140838

Ion Ratio Lower Upper

56 100

55 70.0 57.8 86.6



#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

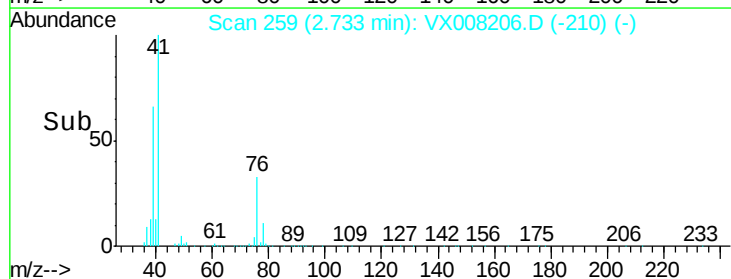
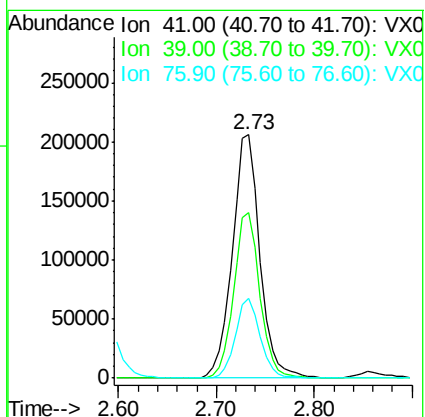
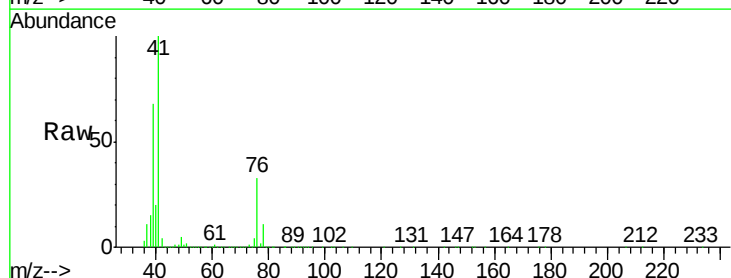
Tgt Ion: 41 Resp: 402553

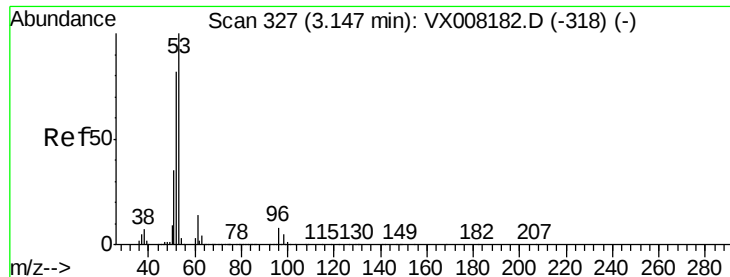
Ion Ratio Lower Upper

41 100

39 64.4 46.1 69.1

76 29.4 24.0 36.0





#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
ClientSampled :

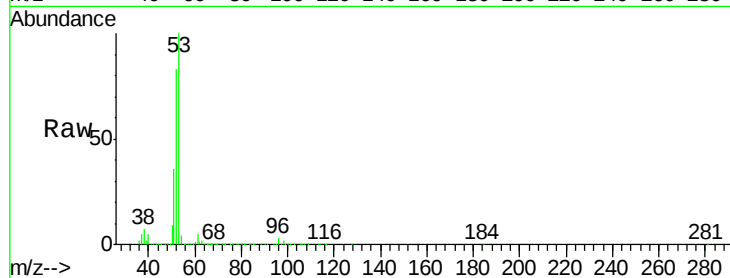
Tot Ion: 53 Resp: 652025

Ion Ratio Lower Upper

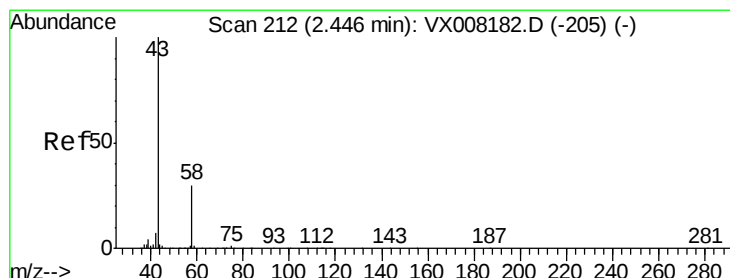
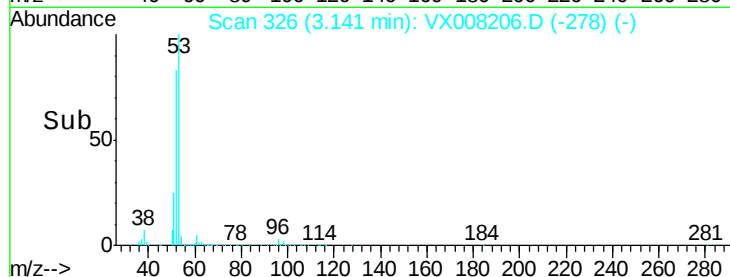
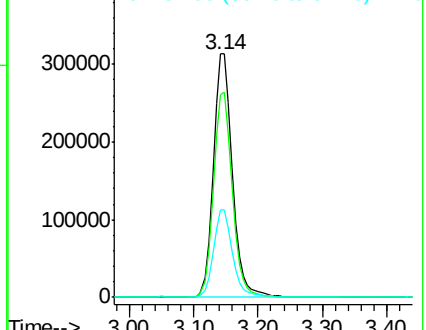
53 100

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

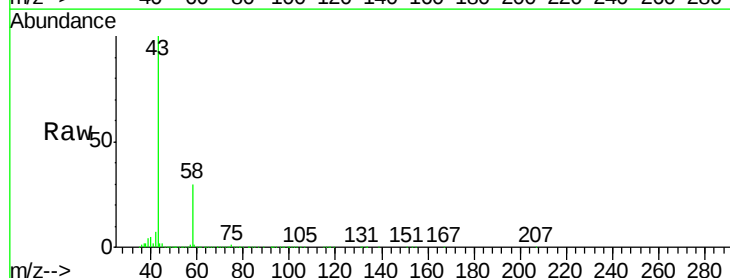
Acq: 19 Mar 2019 22:13

Tgt Ion: 43 Resp: 573937

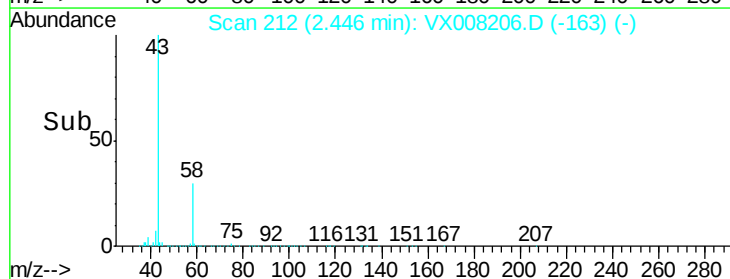
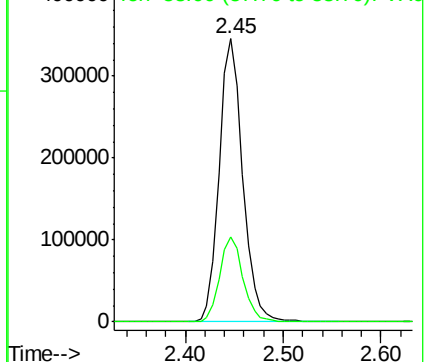
Ion Ratio Lower Upper

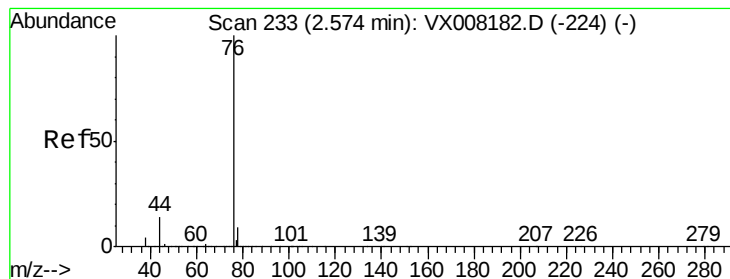
43 100

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

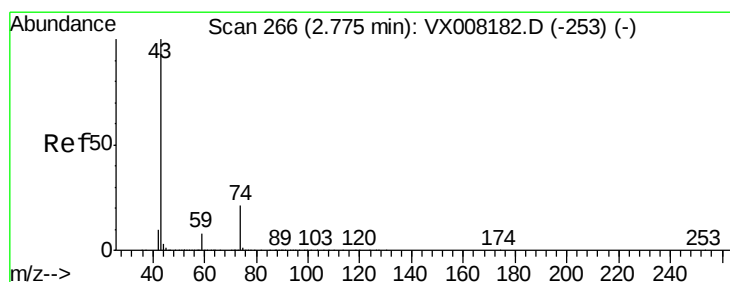
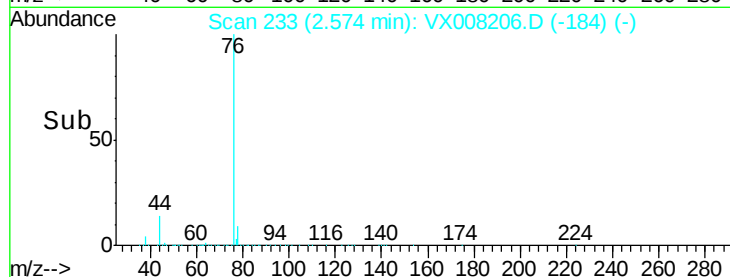
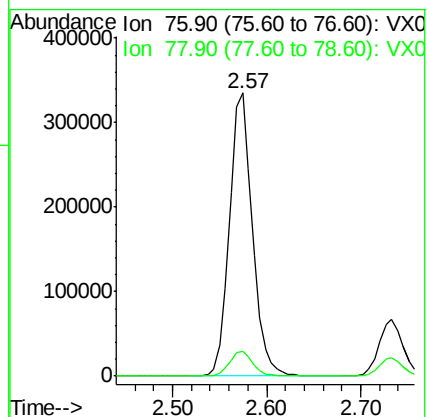
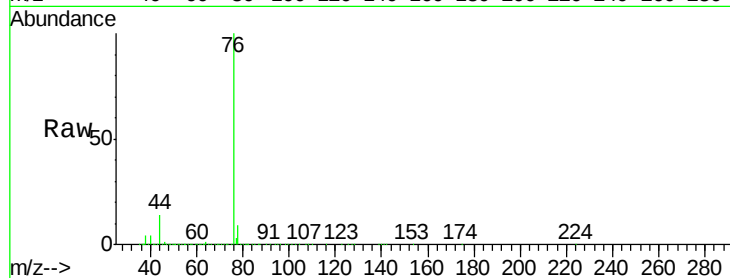
ClientSampleId :

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

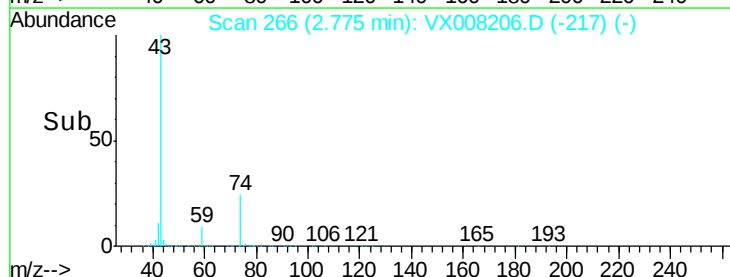
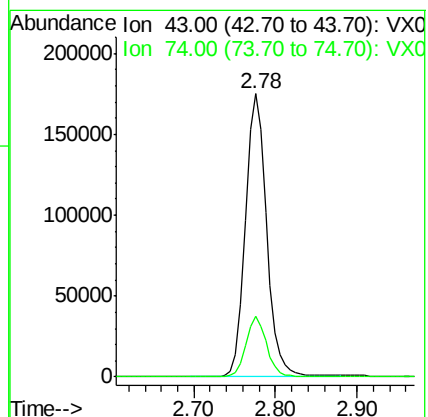
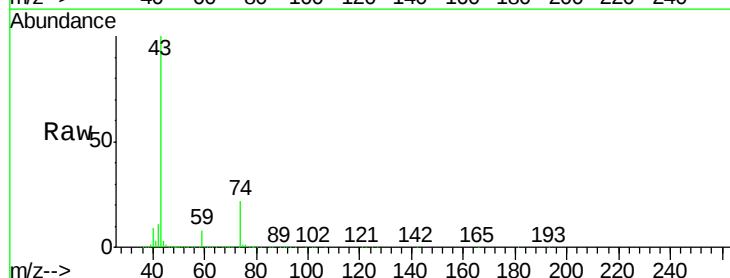
Acq: 19 Mar 2019 22:13

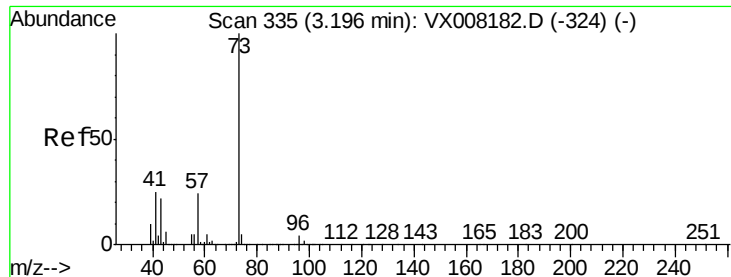
Tgt Ion: 43 Resp: 315378

Ion Ratio Lower Upper

43 100

74 21.2 17.8 26.6



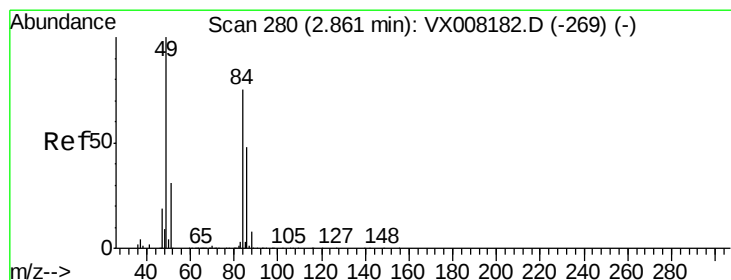
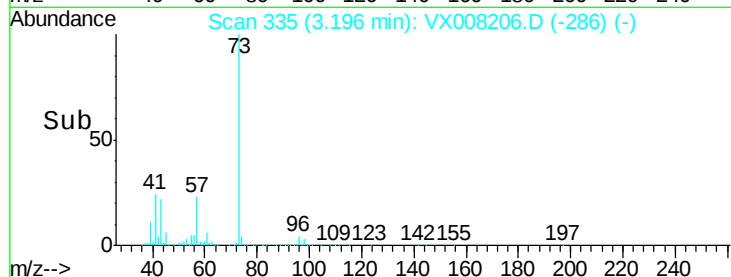
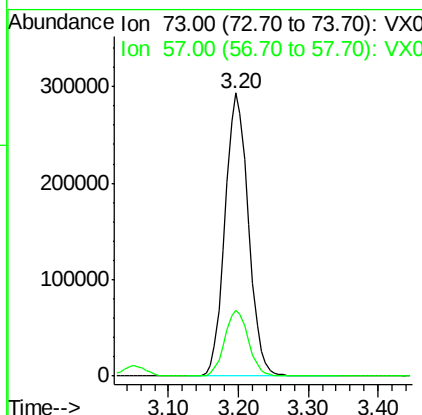
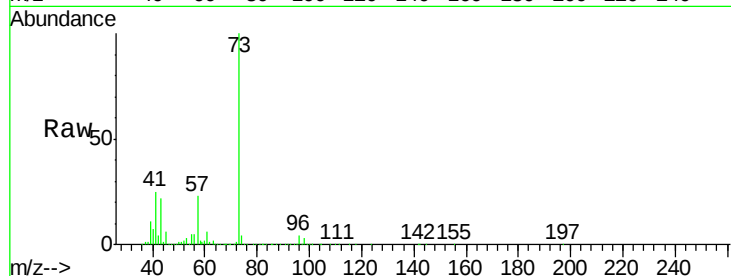


#19

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 :

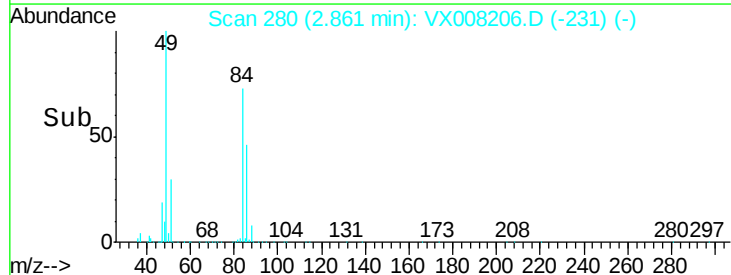
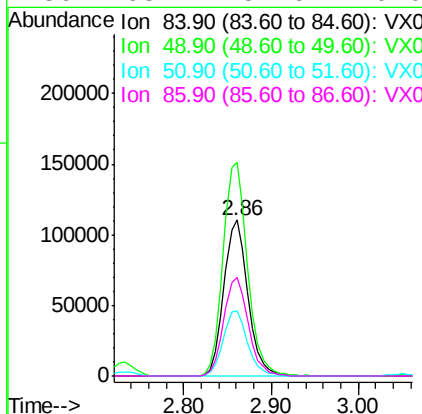
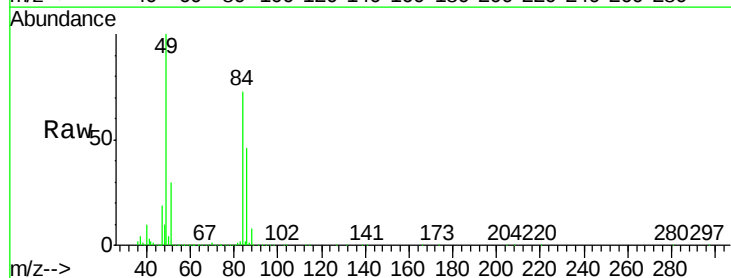
Tot Ion: 73 Resp: 681641
 Ion Ratio Lower Upper
 73 100
 57 23.2 18.2 27.4

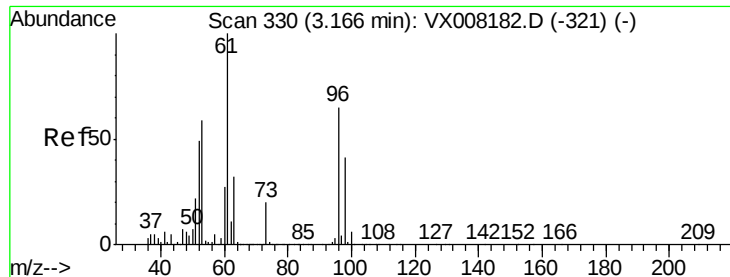


#20

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 :

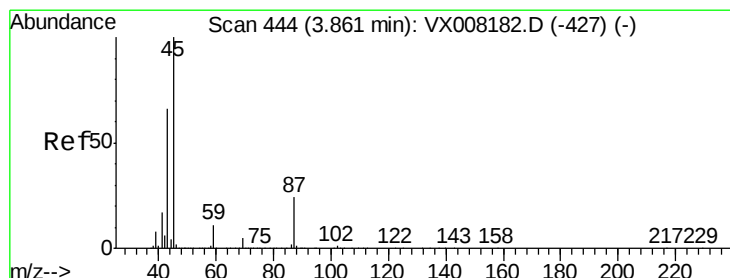
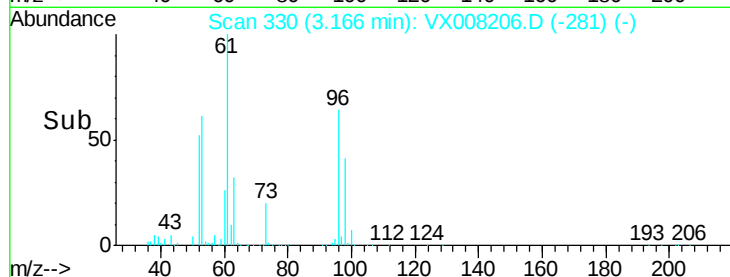
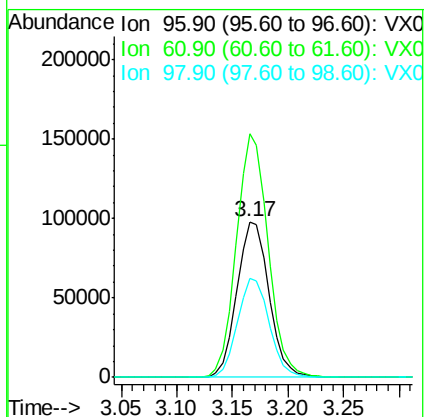
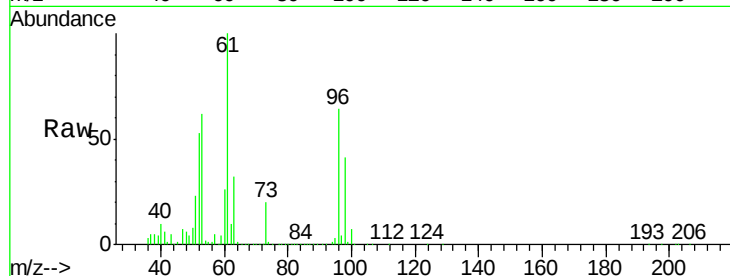
Tot Ion: 96 Resp: 196283

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

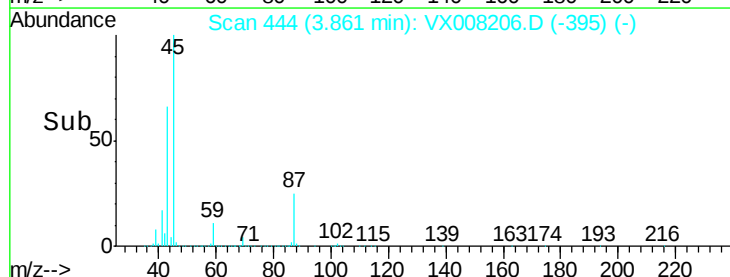
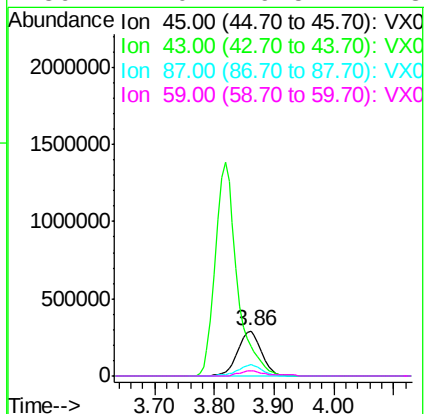
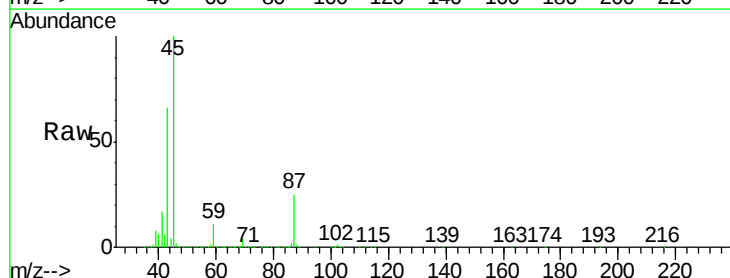
Ion Ratio Lower Upper

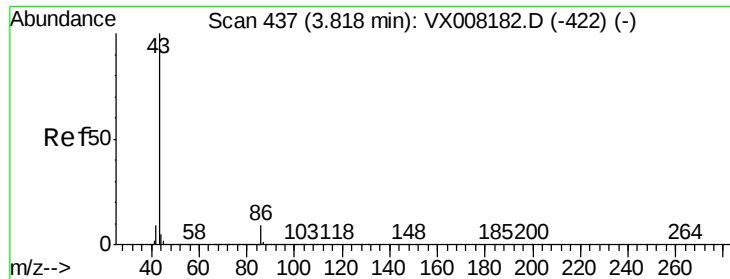
45 100

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

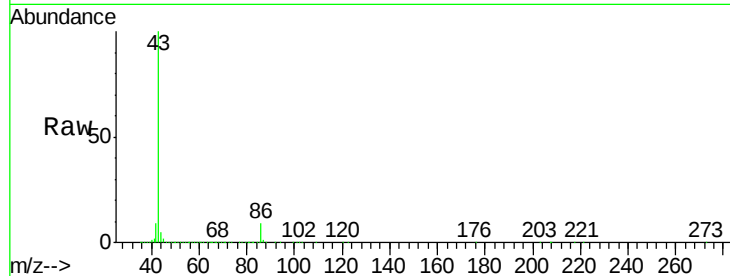
ClientSampled :

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

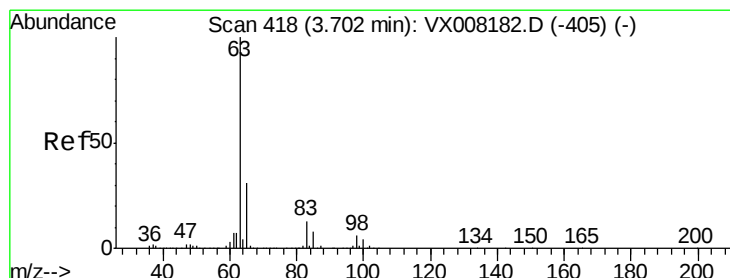
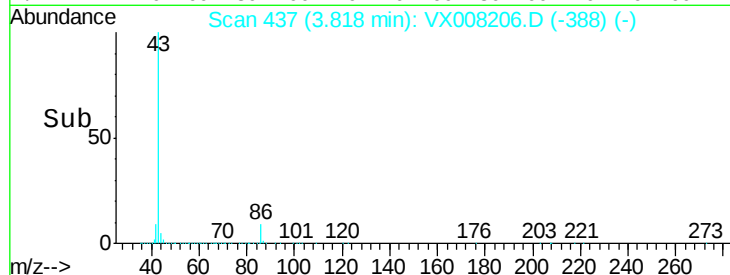
1000000

500000

0

3.80 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

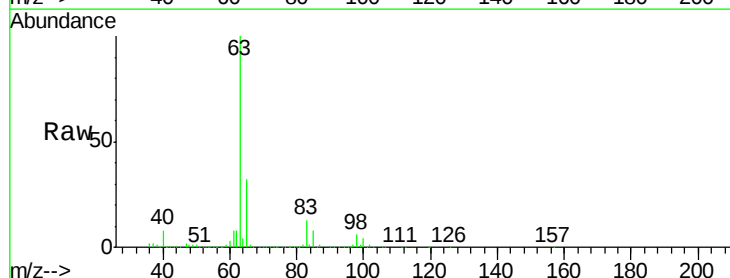
Tgt Ion: 63 Resp: 407341

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

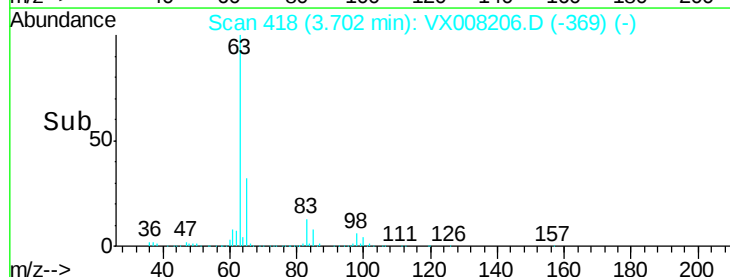
100000

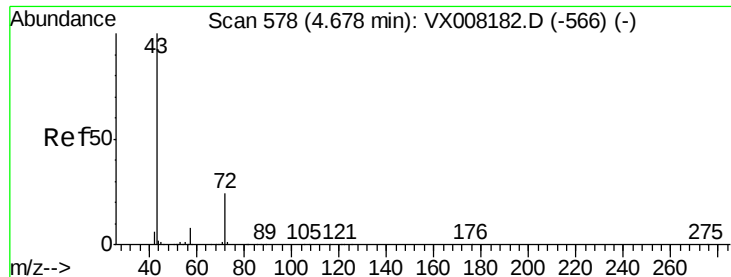
50000

0

3.60 3.70 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

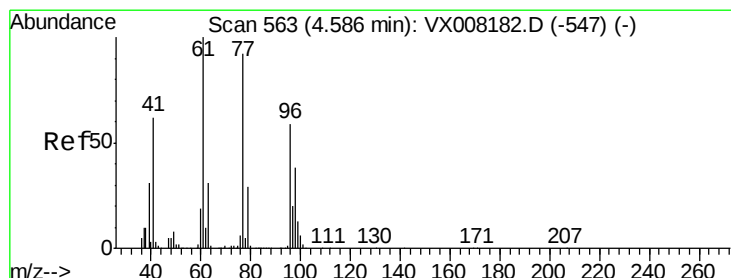
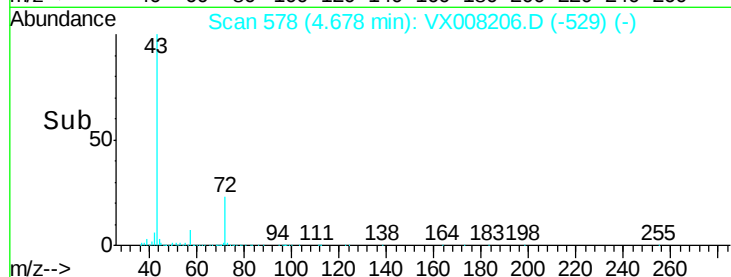
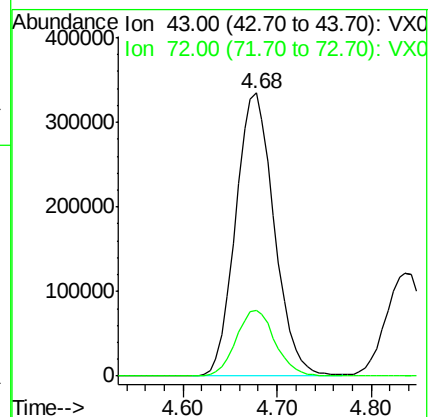
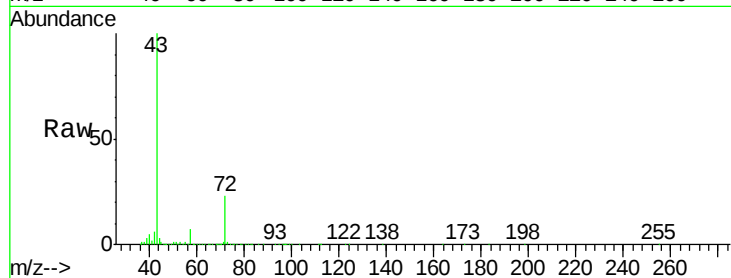
ClientSampleId :

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

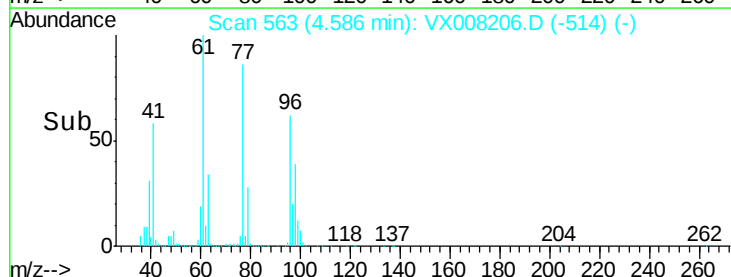
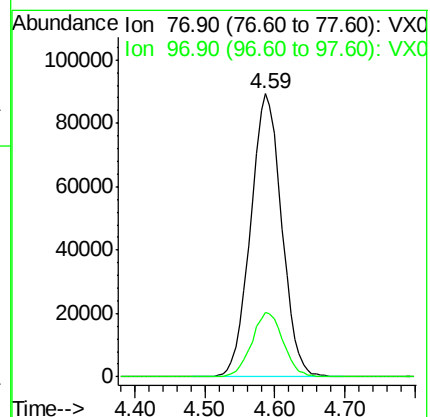
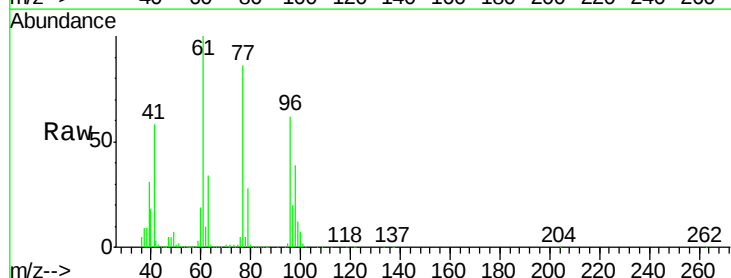
Acq: 19 Mar 2019 22:13

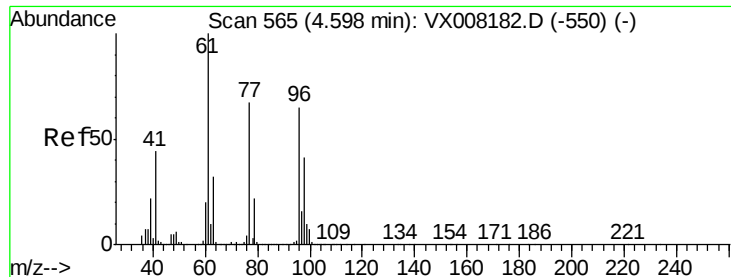
Tgt Ion: 77 Resp: 275733

Ion Ratio Lower Upper

77 100

97 23.2 12.2 36.6



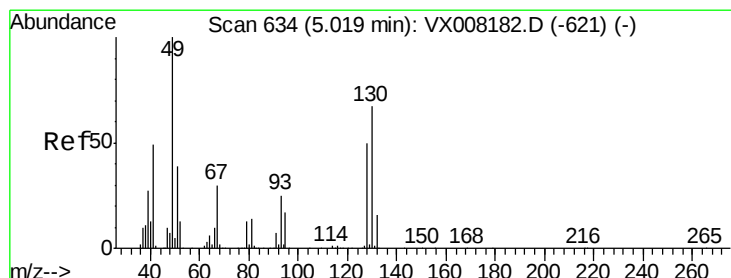
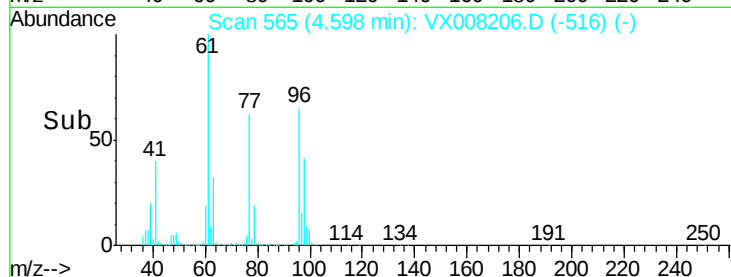
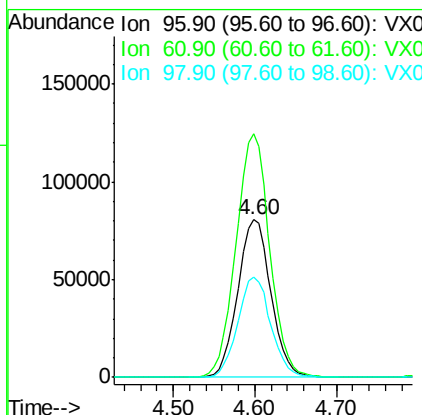
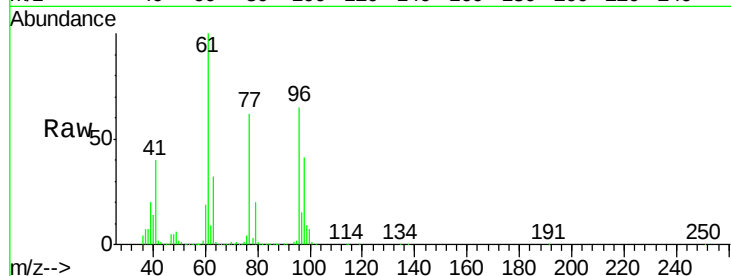


#27

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 :

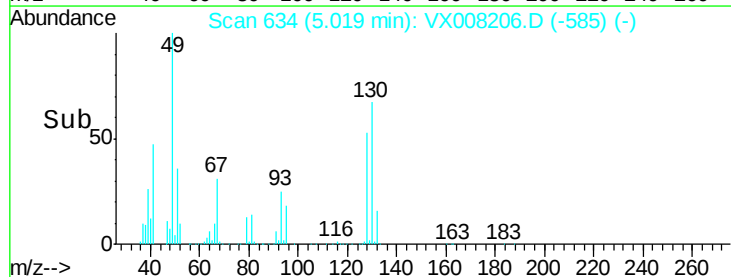
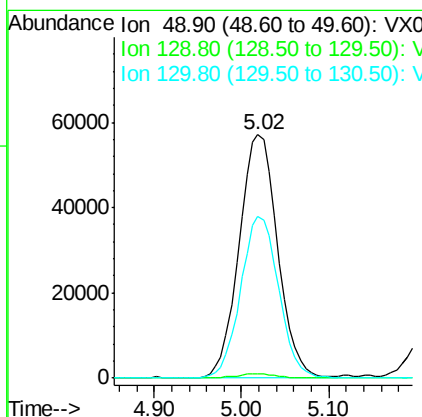
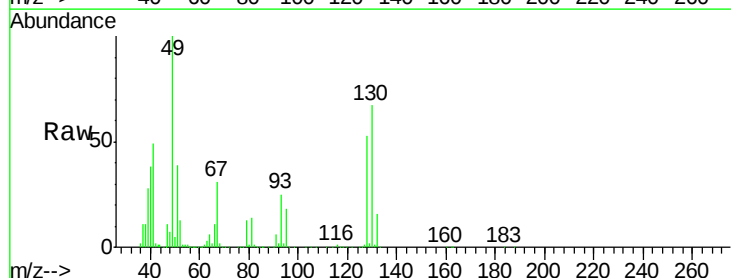
Tot Ion	96	Resp	226779
Ion	Ratio	Lower	Upper
96	100		
61	157.2	0.0	288.0
98	63.7	0.0	129.0

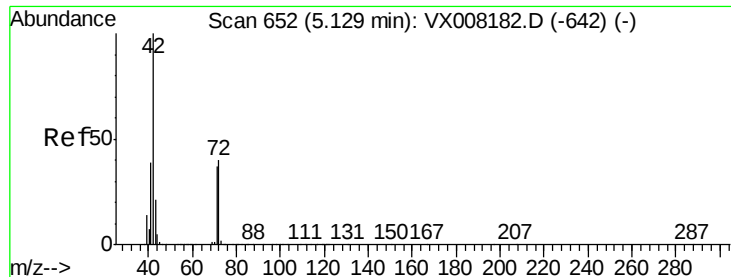


#28

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 :

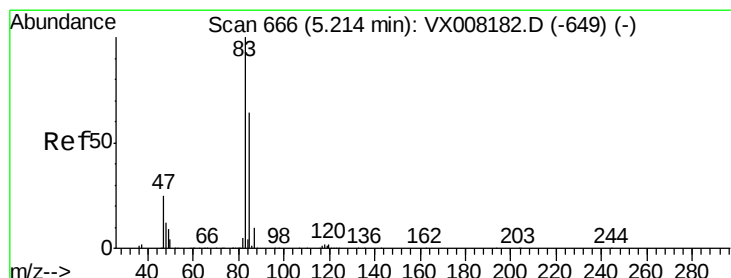
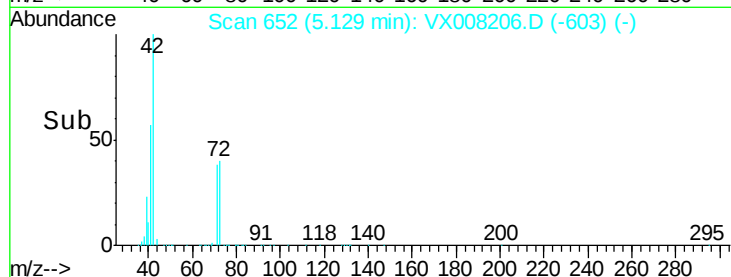
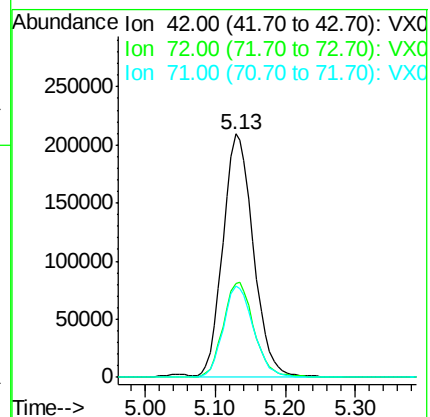
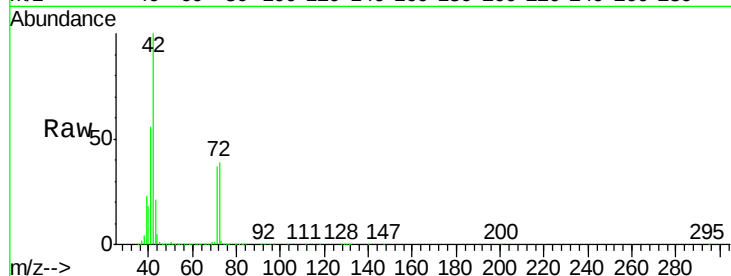
Tot Ion: 42 Resp: 629604

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

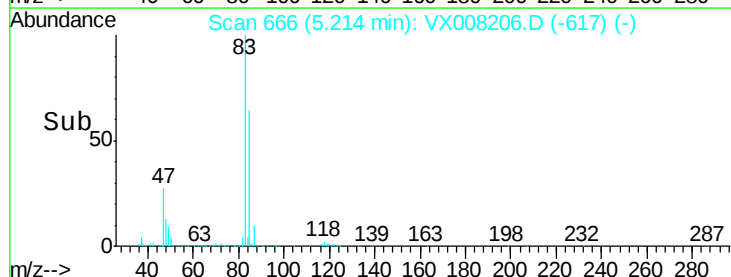
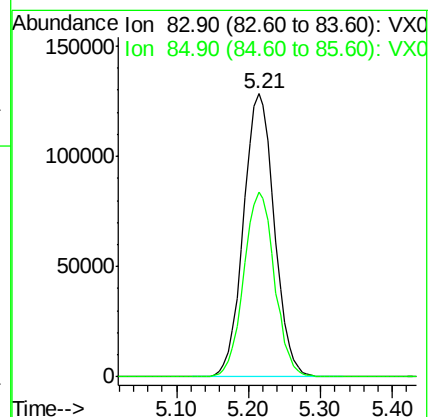
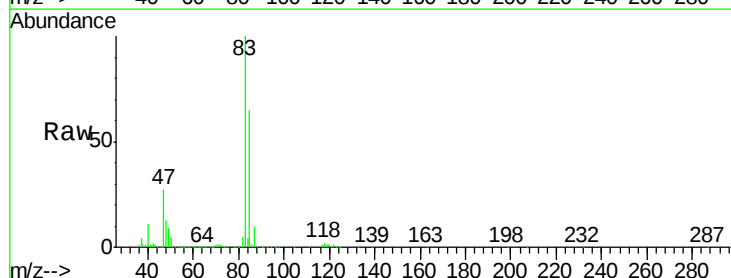
Acq: 19 Mar 2019 22:13

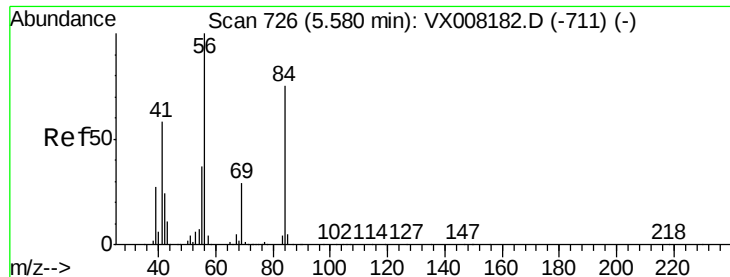
Tgt Ion: 83 Resp: 381758

Ion Ratio Lower Upper

83 100

85 65.5 51.8 77.6

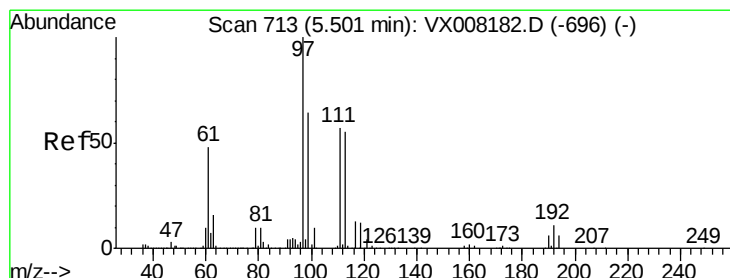
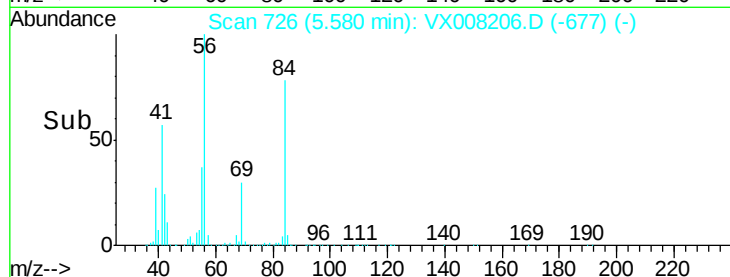
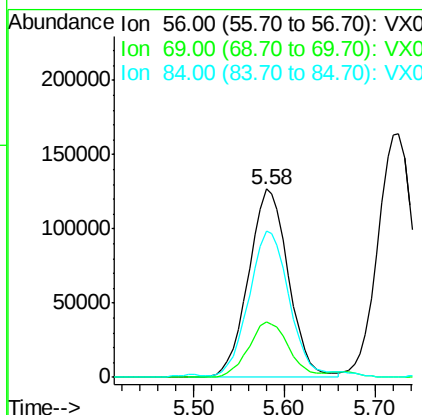
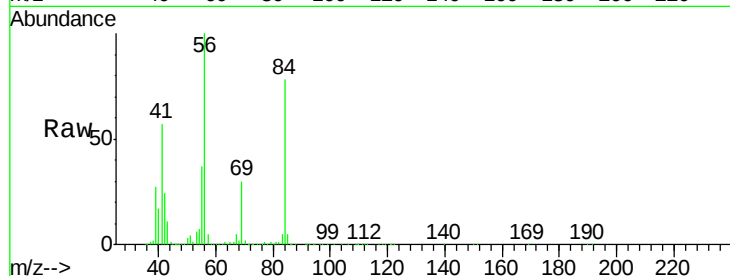




#31
Cyclohexane
Concen: 52.297 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

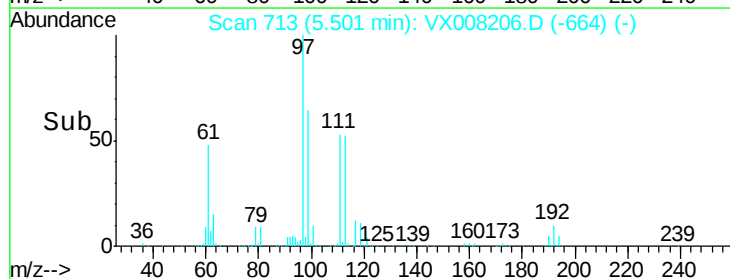
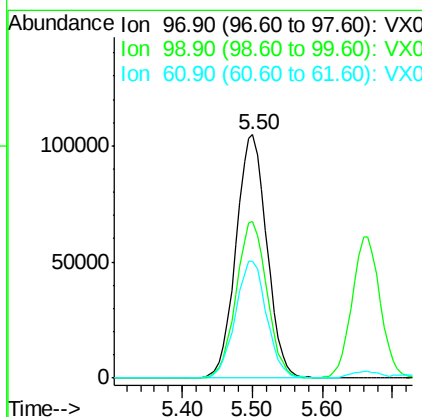
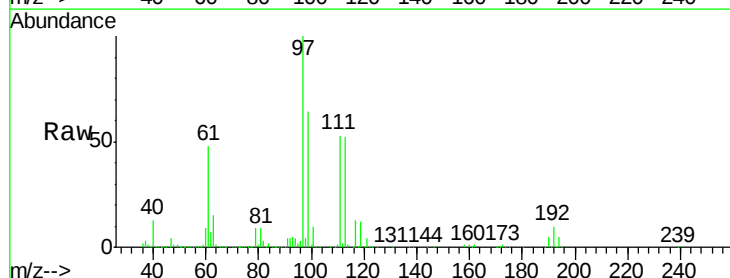
Instrument :
MSVOA_X
ClientSampleId :

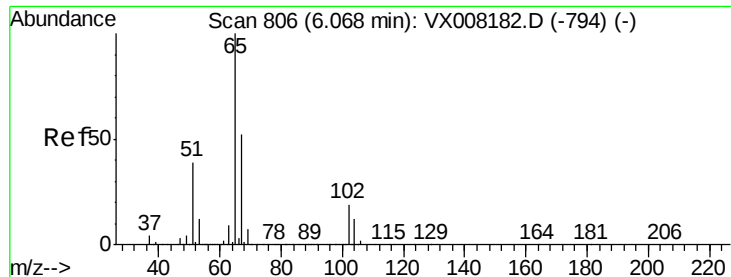
Tot Ion: 56 Resp: 385130
Ion Ratio Lower Upper
56 100
69 29.8 24.0 36.0
84 76.7 65.3 97.9



#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

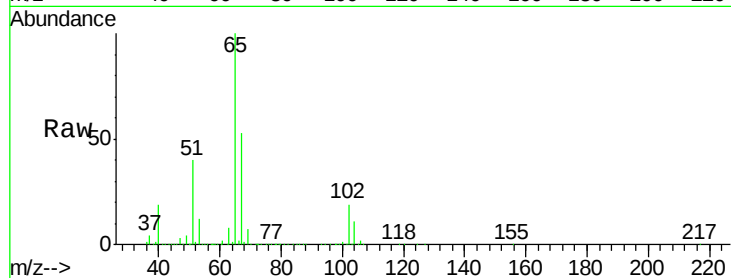
ClientSampleId :

Tot Ion: 65 Resp: 202549

Ion Ratio Lower Upper

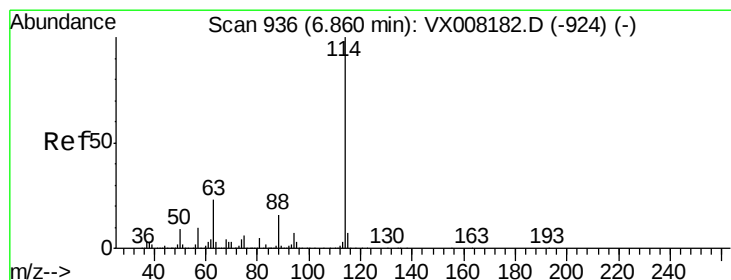
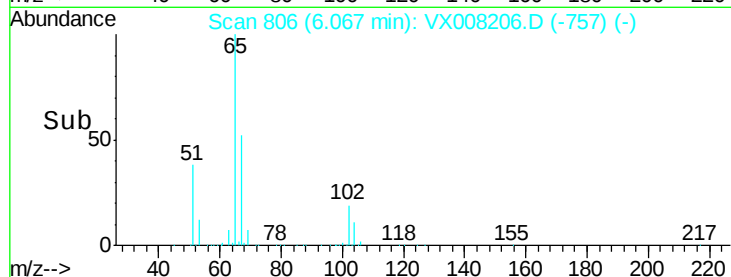
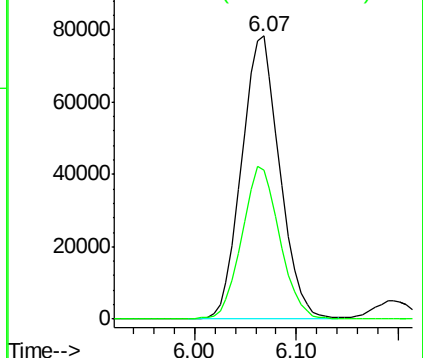
65 100

67 53.5 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

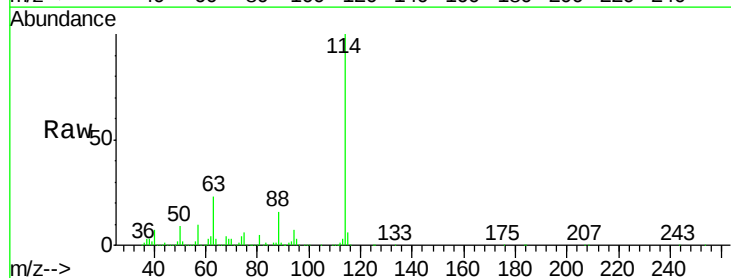
Tgt Ion: 114 Resp: 494176

Ion Ratio Lower Upper

114 100

63 22.5 0.0 39.8

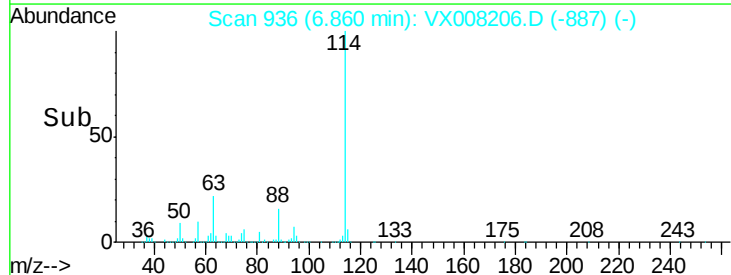
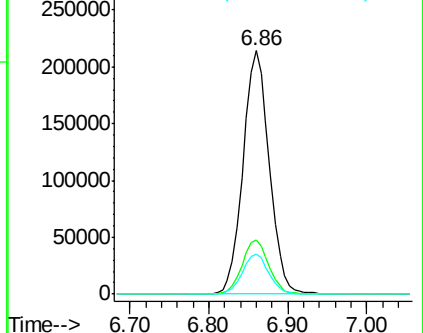
88 16.2 0.0 31.4

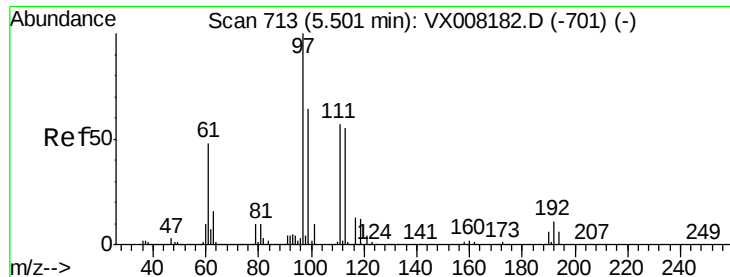


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 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 :

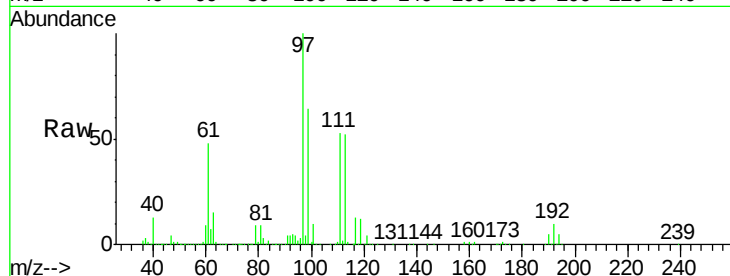
Tot Ion:113 Resp: 153116

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

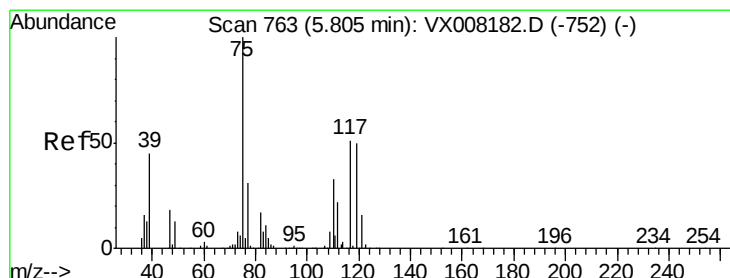
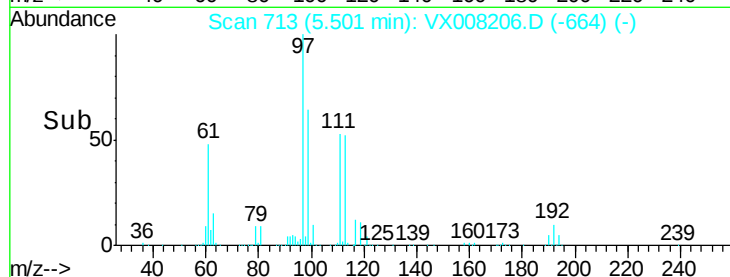
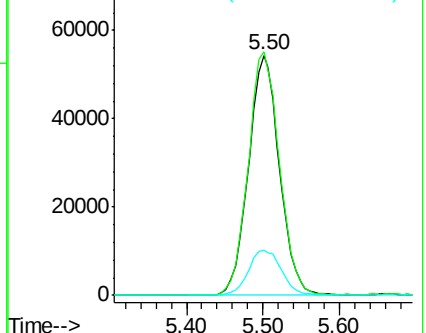
192 20.1 19.4 29.0



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

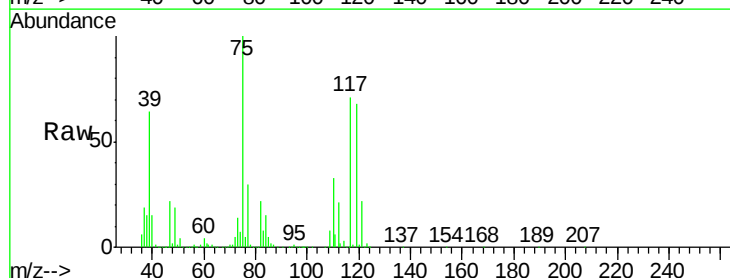
Tgt Ion: 75 Resp: 295177

Ion Ratio Lower Upper

75 100

110 33.4 18.4 55.0

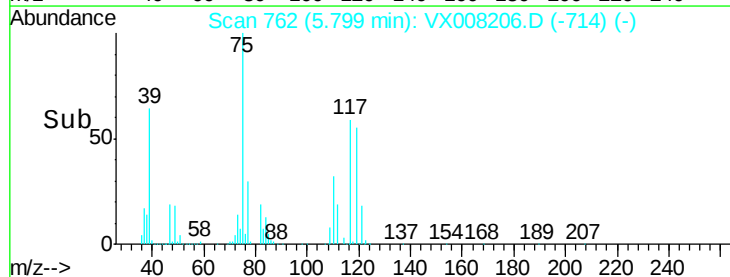
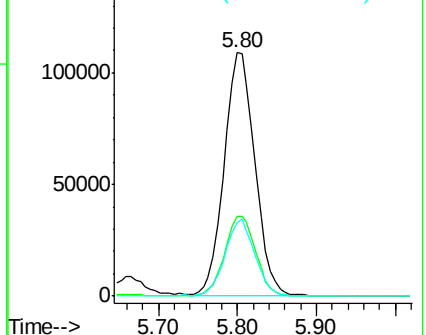
77 30.5 25.0 37.4

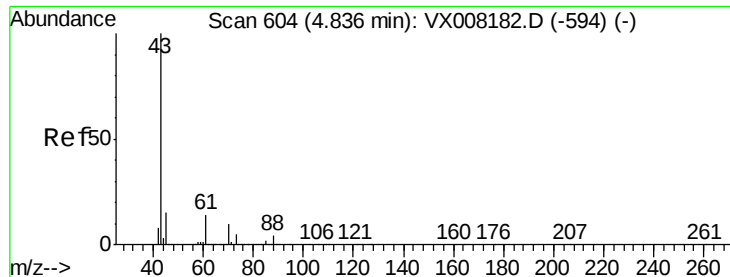


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

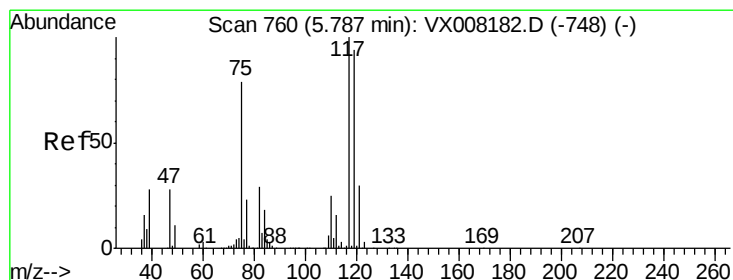
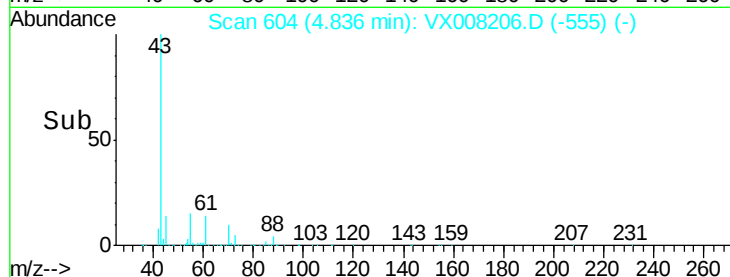
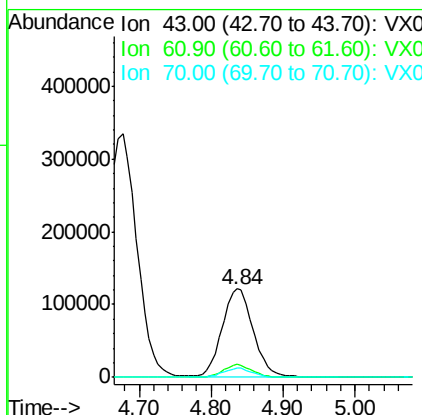
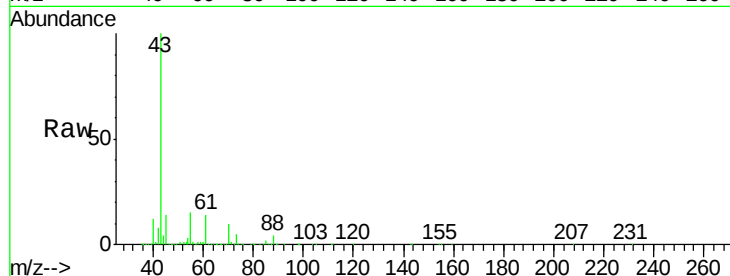




#37
Ethyl Acetate
Concen: 53.558 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

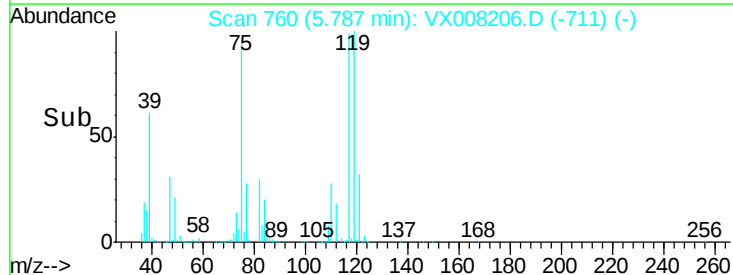
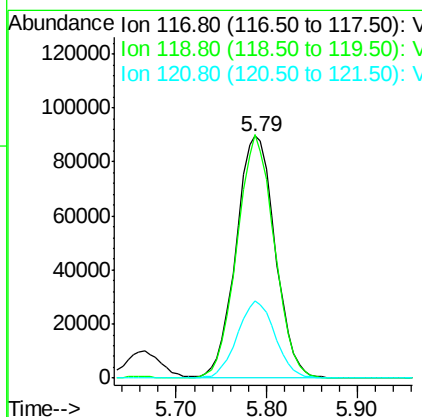
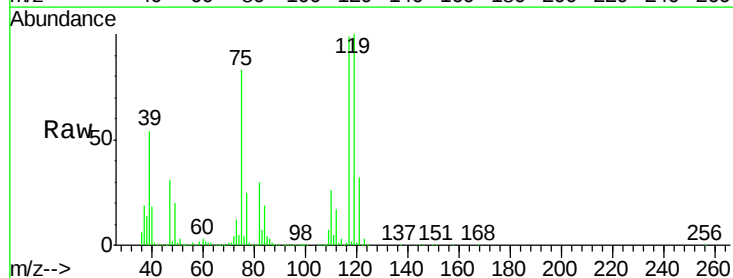
Instrument :
MSVOA_X
ClientSampled :

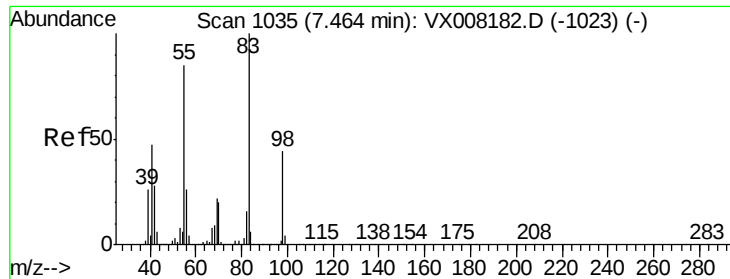
Tot Ion	43	Resp	364262
Ion Ratio	Lower	Upper	
43	100		
61	13.1	11.3	16.9
70	9.9	8.5	12.7



#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

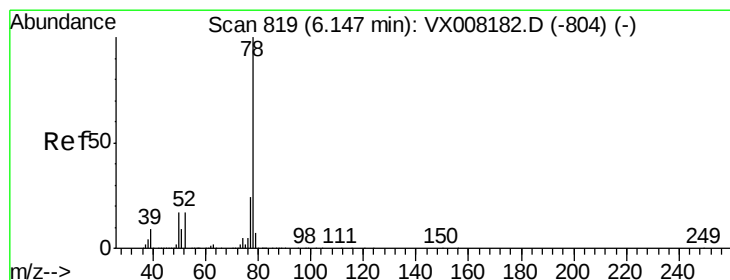
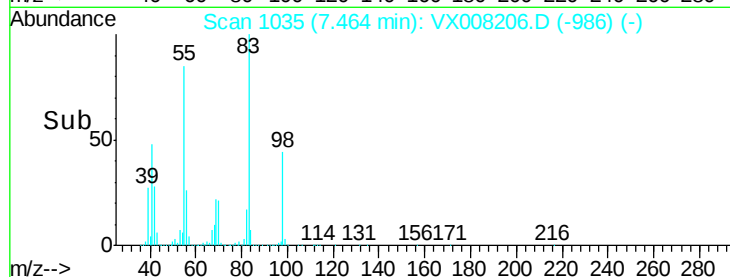
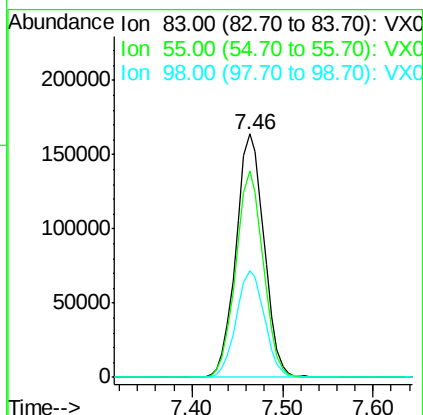
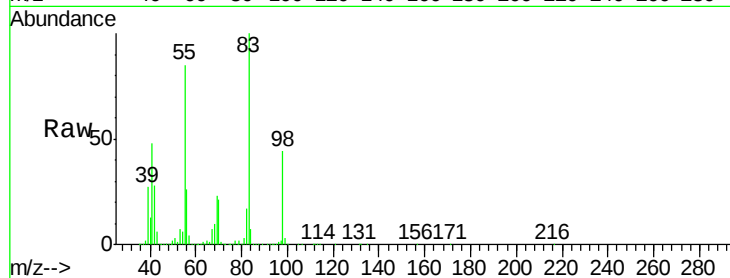




#39
Methvlcvclohexane
Concen: 50.719 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

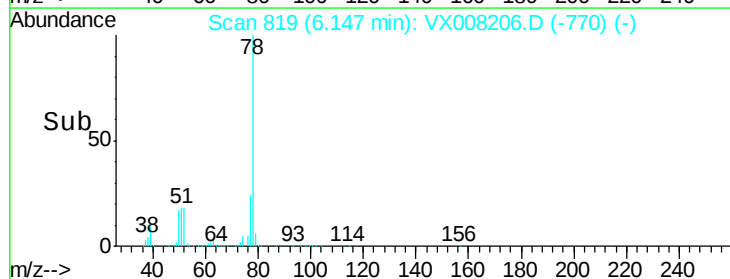
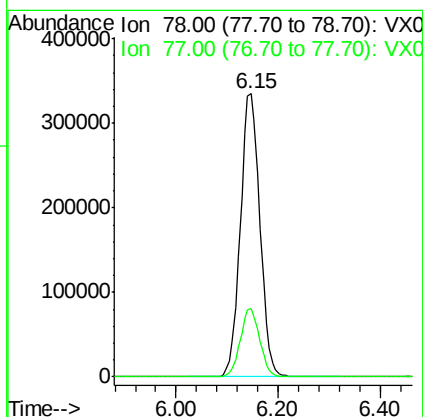
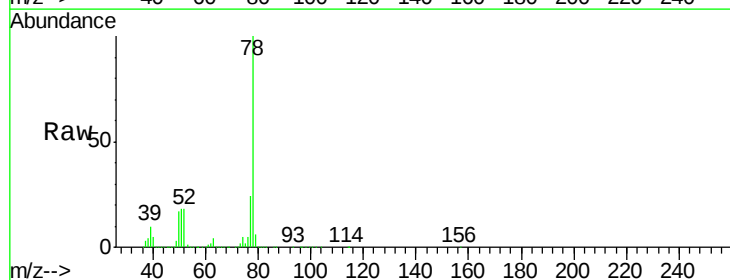
Instrument :
MSVOA_X
ClientSampleId :

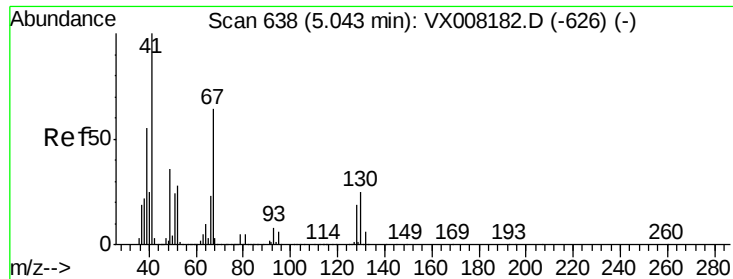
Tot Ion: 83 Resp: 351165
Ion Ratio Lower Upper
83 100
55 85.0 60.4 90.6
98 43.9 36.5 54.7



#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 :

Tot Ion: 41 Resp: 205346

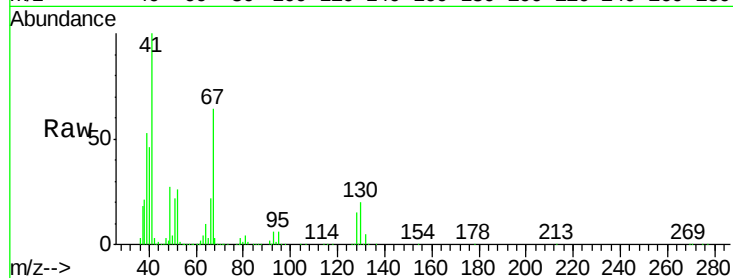
Ion Ratio Lower Upper

41 100

39 54.6 41.6 62.4

67 65.8 55.8 83.6

52 27.7 21.7 32.5

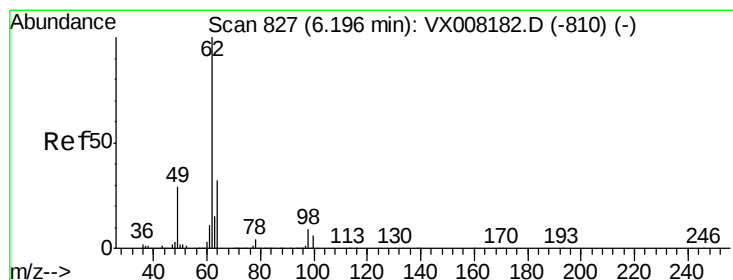
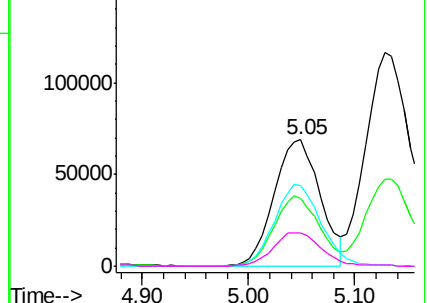
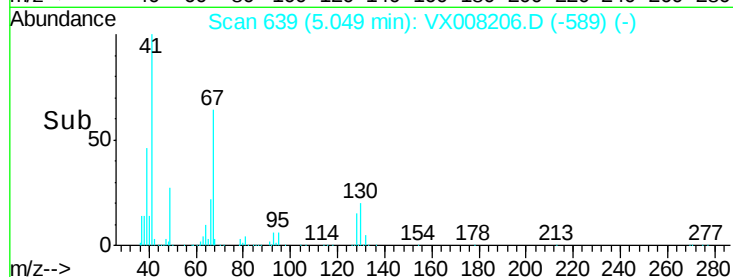


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 51.651 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX008206.D

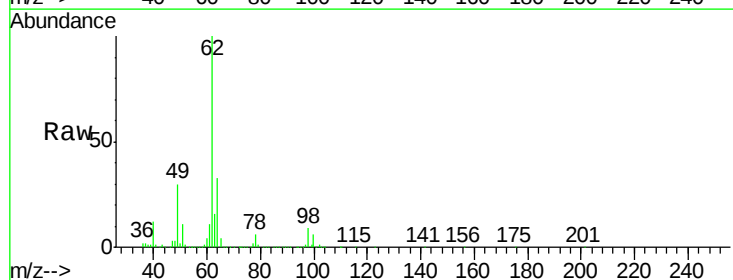
Acq: 19 Mar 2019 22:13

Tgt Ion: 62 Resp: 322216

Ion Ratio Lower Upper

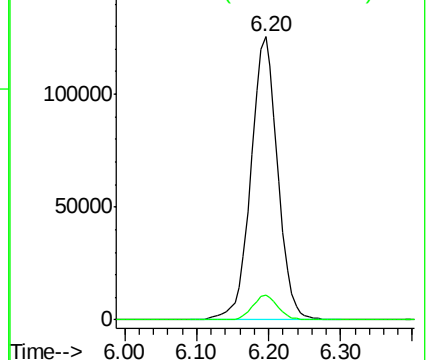
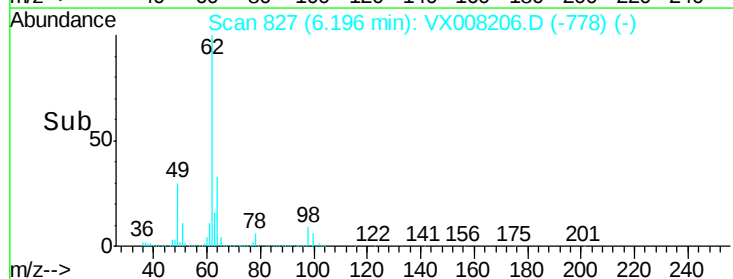
62 100

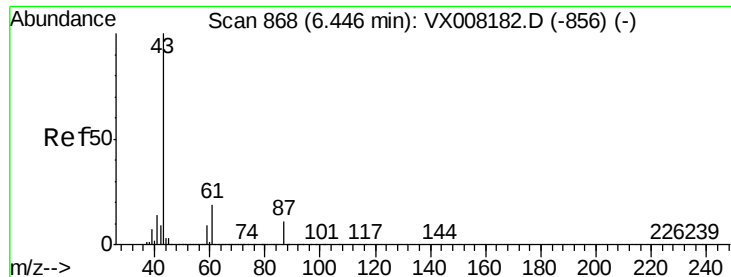
98 8.5 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



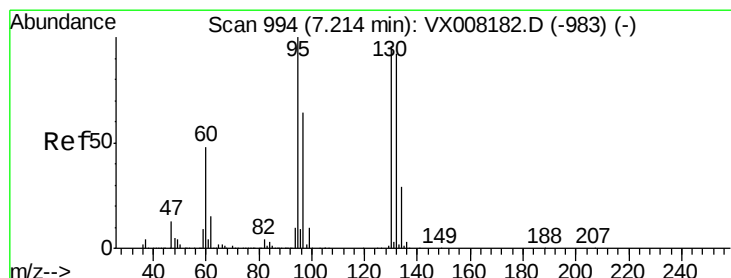
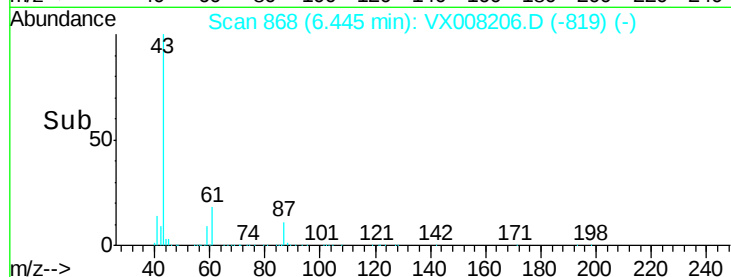
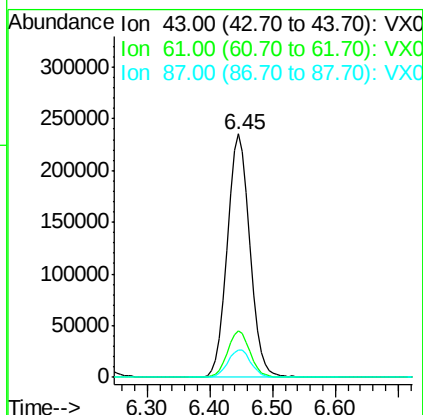
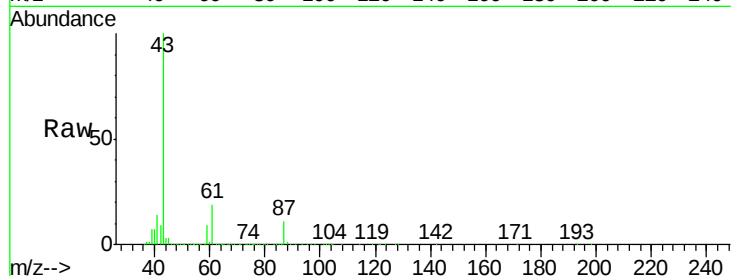


#43

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 :

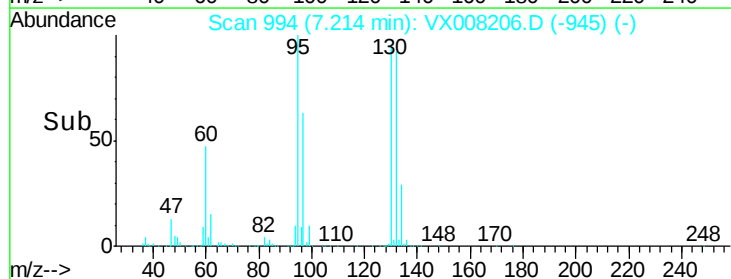
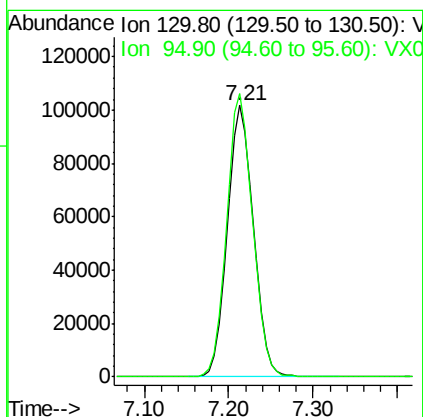
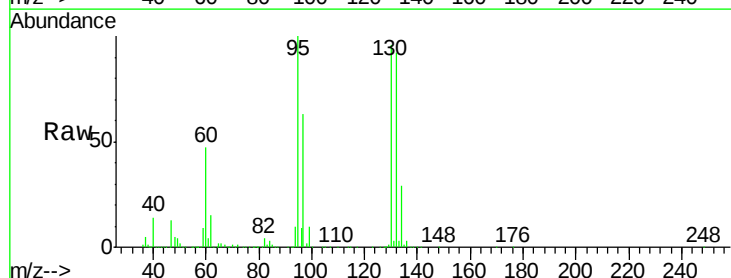
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	16.3	24.5
87	11.6	10.5	15.7

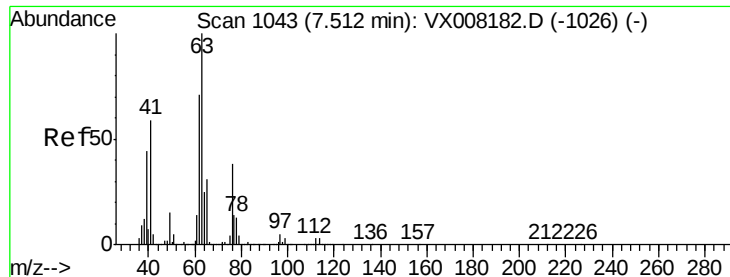


#44

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	Ratio	Lower	Upper
130	100		
95	104.2	0.0	188.0





#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

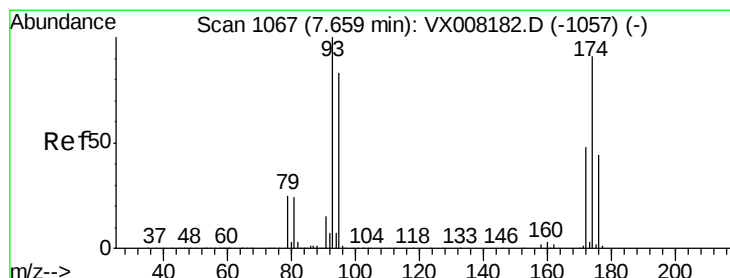
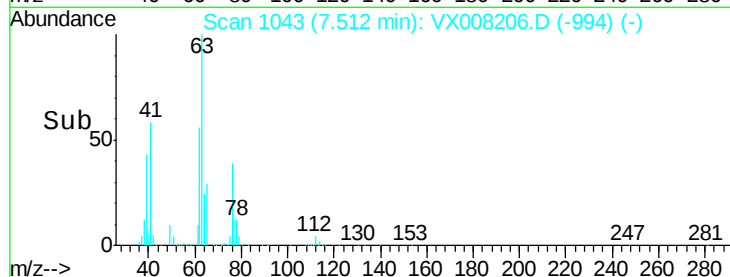
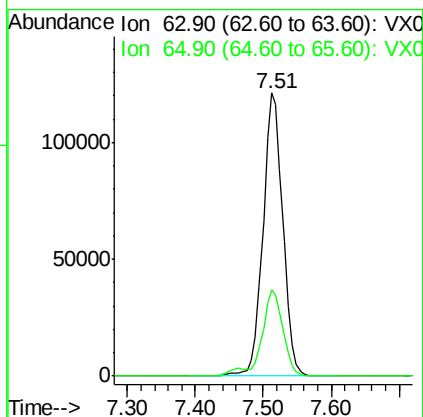
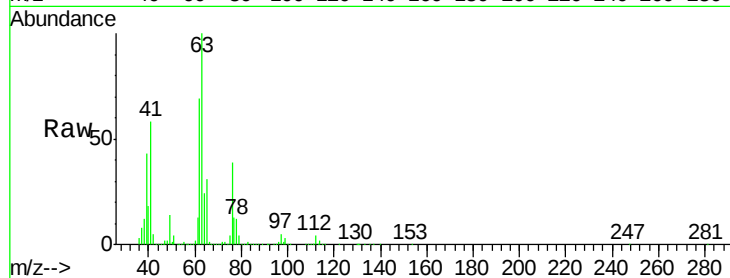
ClientSampled :

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

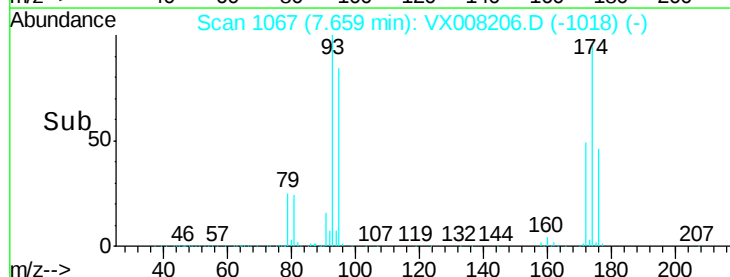
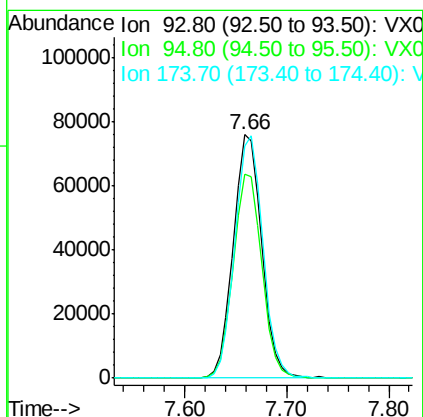
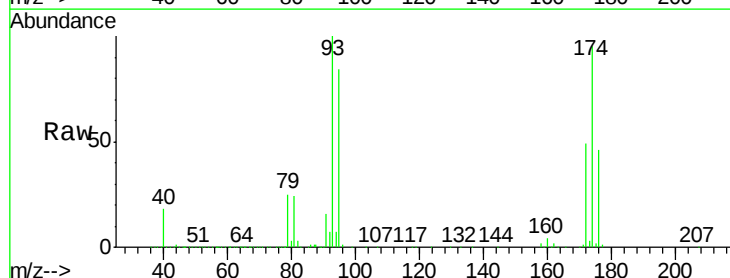
Tgt Ion: 93 Resp: 146665

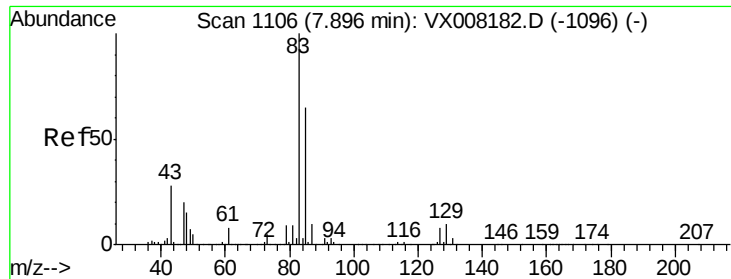
Ion Ratio Lower Upper

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 :

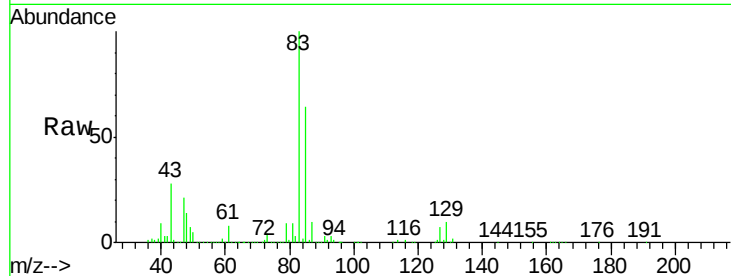
Tot Ion: 83 Resp: 293926

Ion Ratio Lower Upper

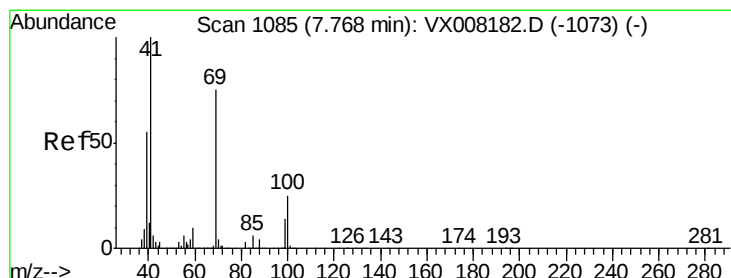
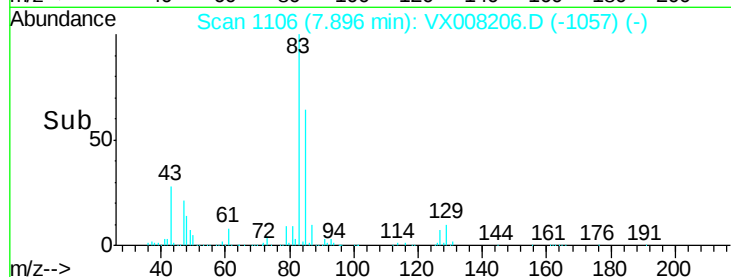
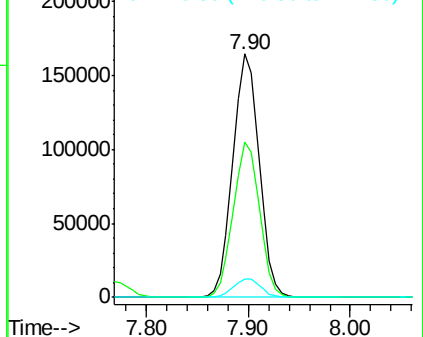
83 100

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

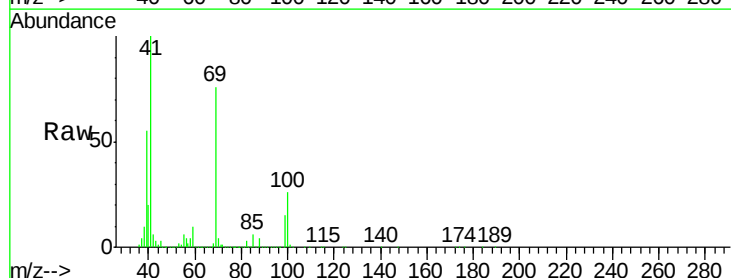
Tgt Ion: 41 Resp: 309219

Ion Ratio Lower Upper

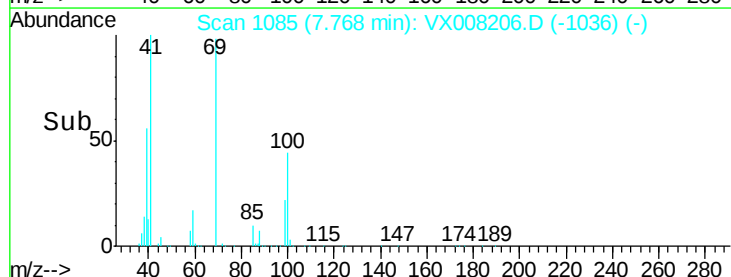
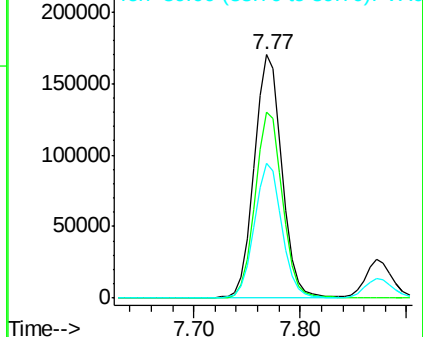
41 100

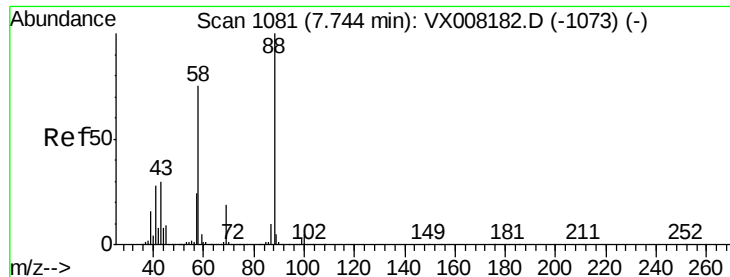
69 76.2 65.2 97.8

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

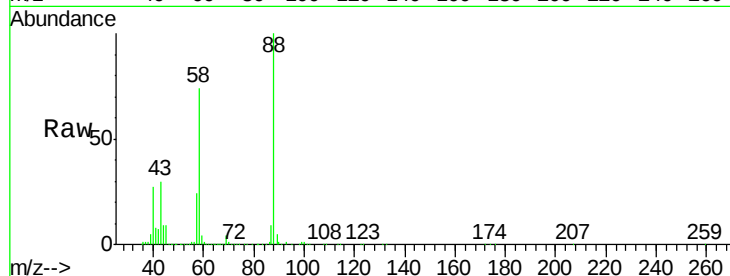




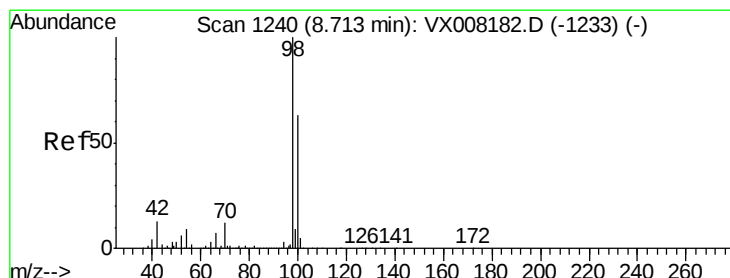
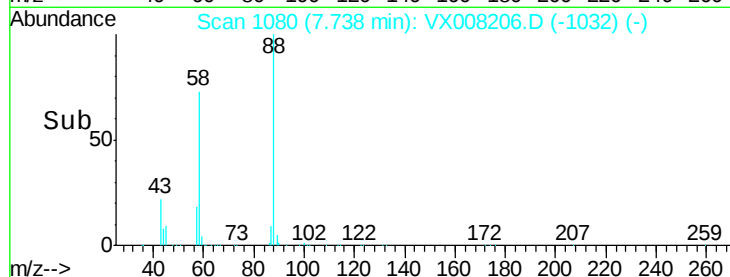
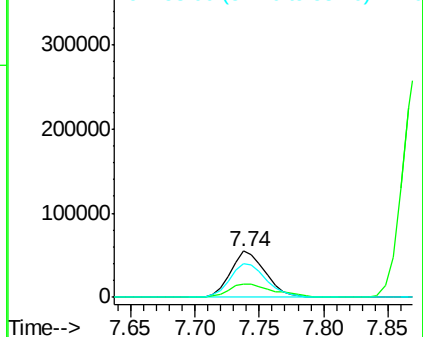
#49
1,4-Dioxane
Concen: 1011.088 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.01 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

Instrument :
MSVOA_X
ClientSampleId :

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

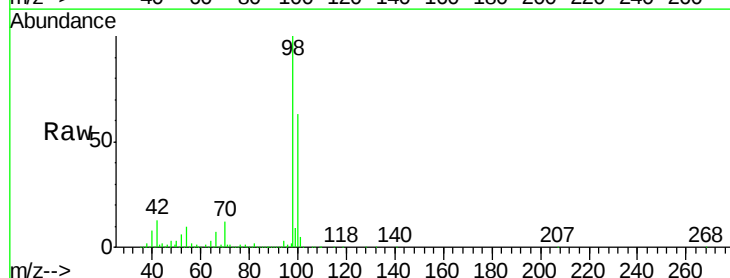


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

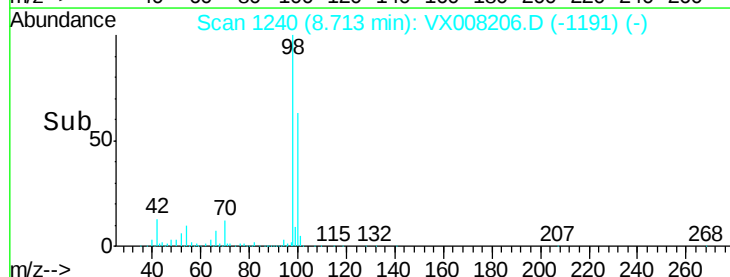
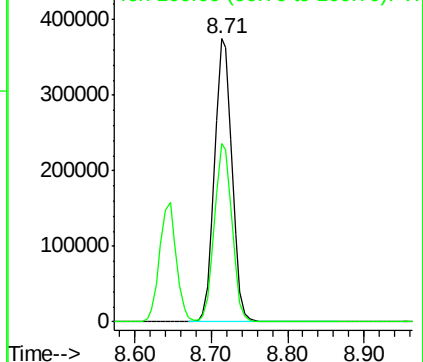


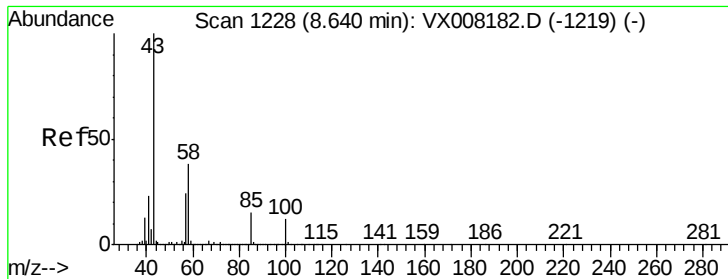
#50
Toluene-d8
Concen: 47.042 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

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

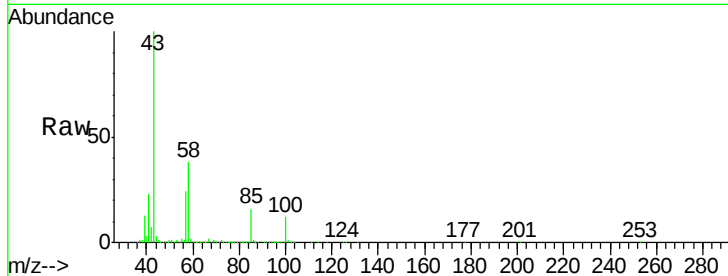
ClientSampleId :

Tot Ion: 43 Resp: 1905460

Ion Ratio Lower Upper

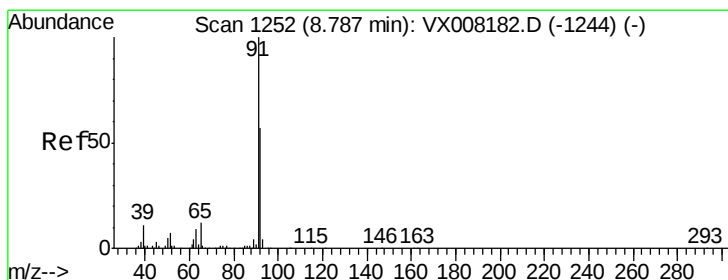
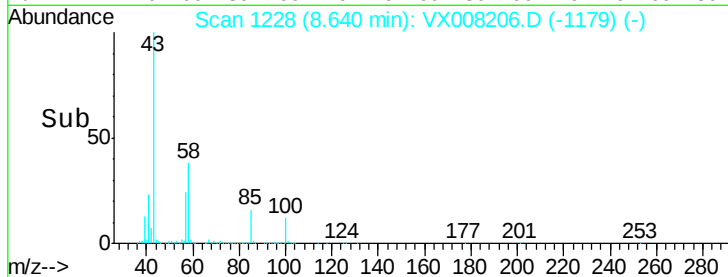
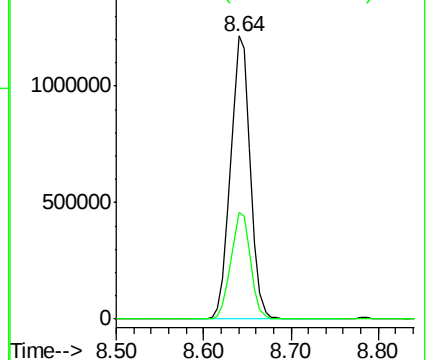
43 100

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

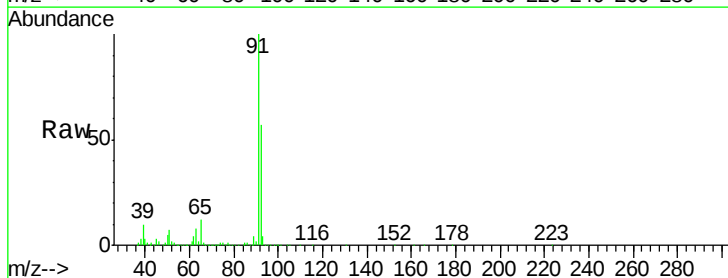
Acq: 19 Mar 2019 22:13

Tgt Ion: 92 Resp: 532951

Ion Ratio Lower Upper

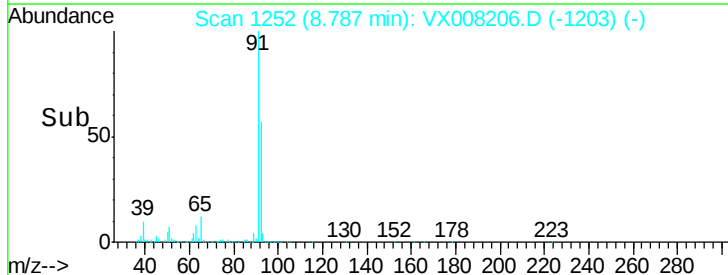
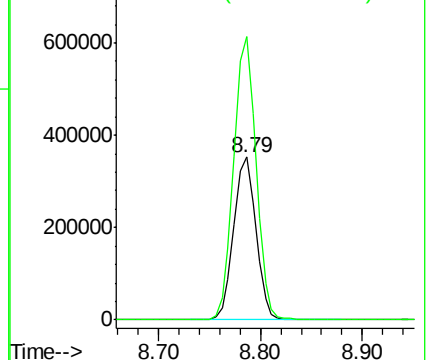
92 100

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

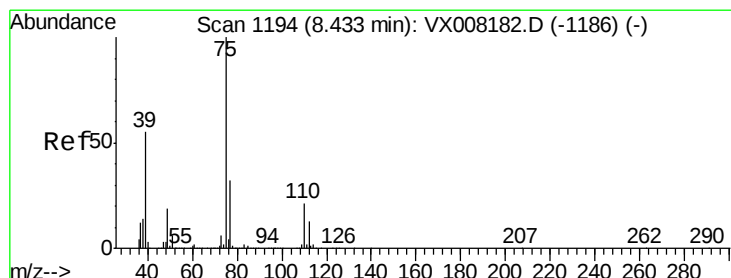
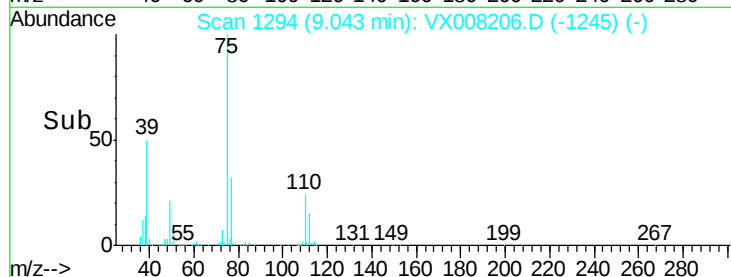
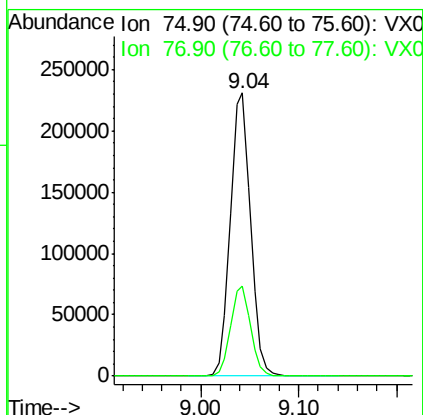
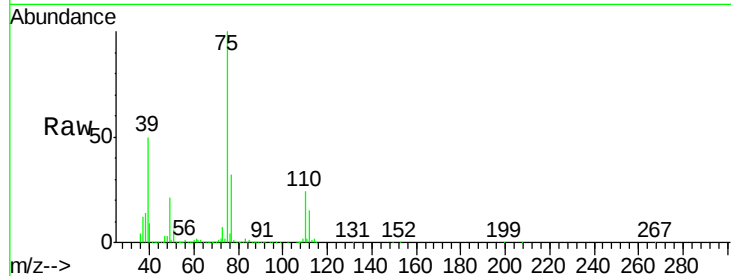




#53
 t-1,3-Dichloropropene
 Concen: 48.138 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX008206.D
 Acq: 19 Mar 2019 22:13

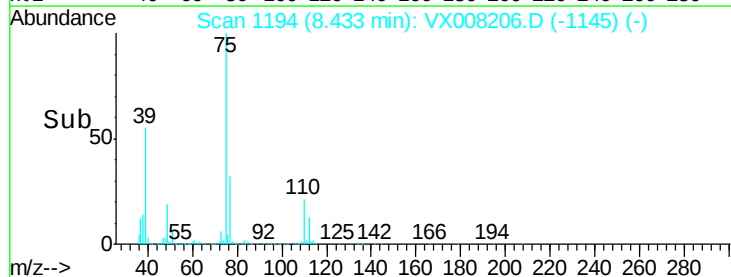
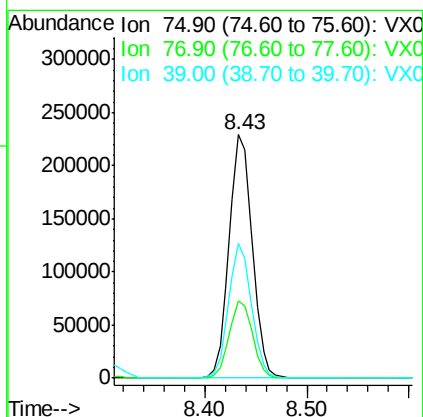
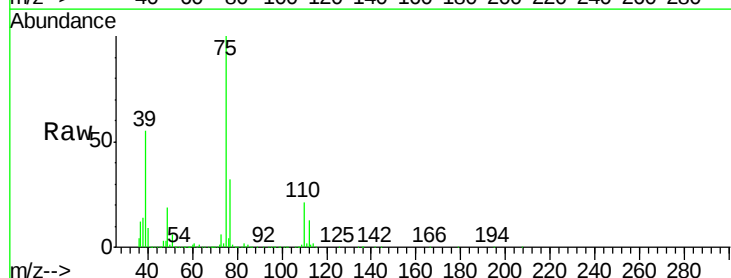
Instrument :
 MSVOA_X
 ClientSampleId :

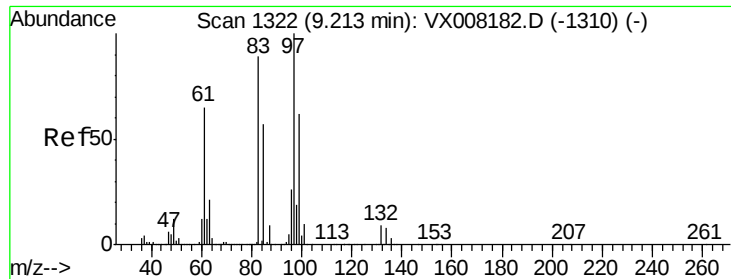
Tot Ion: 75 Resp: 331234
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0



#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 :

Tot Ion: 97 Resp: 218460

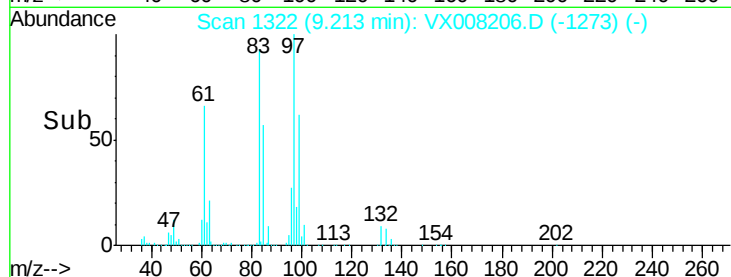
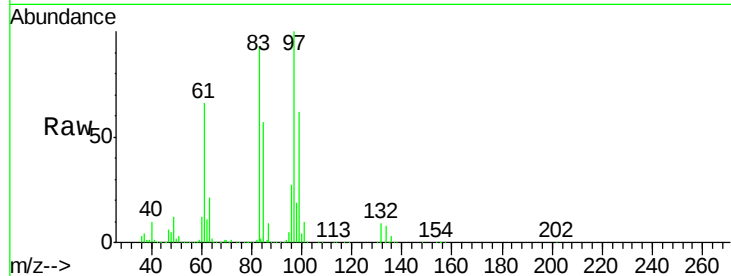
Ion	Ratio	Lower	Upper
97	100		
83	92.7	69.1	103.7
85	57.0	44.3	66.5
99	61.8	49.8	74.8

97 100

83 92.7 69.1 103.7

85 57.0 44.3 66.5

99 61.8 49.8 74.8

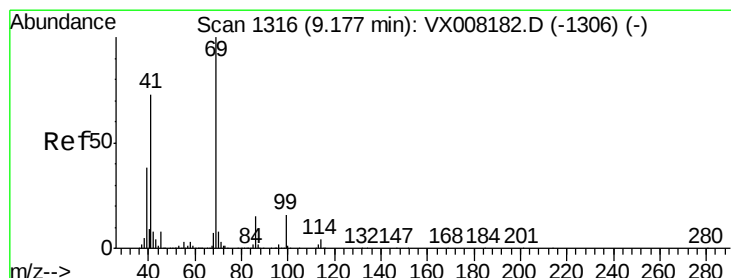
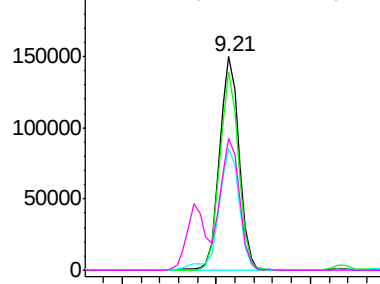


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 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

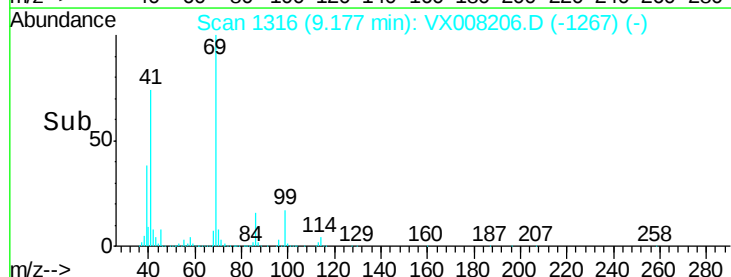
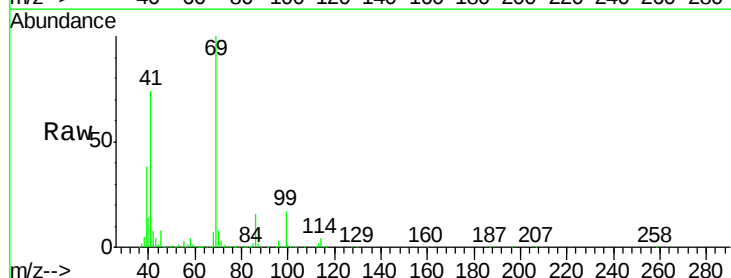
Tgt Ion: 69 Resp: 362500

Ion	Ratio	Lower	Upper
69	100		
41	73.8	54.2	81.4
39	38.1	25.0	37.4#

69 100

41 73.8 54.2 81.4

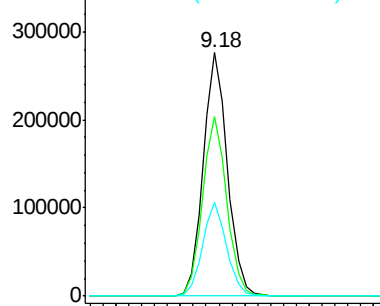
39 38.1 25.0 37.4#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 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

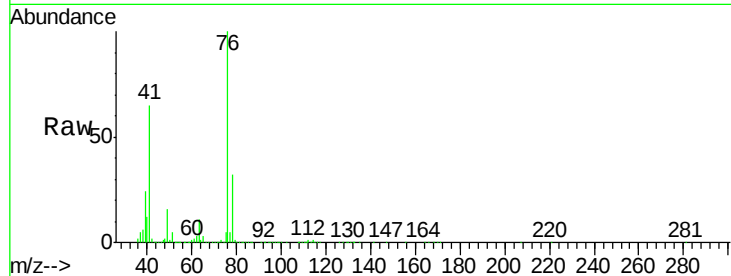
ClientSampleId :

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

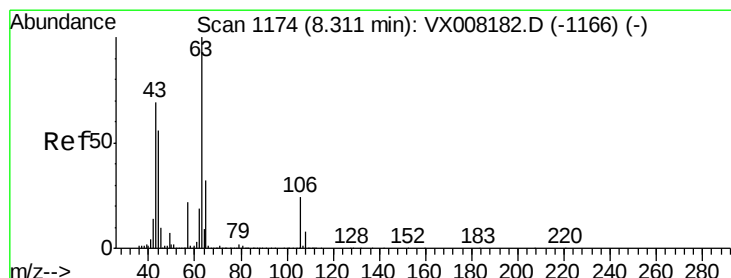
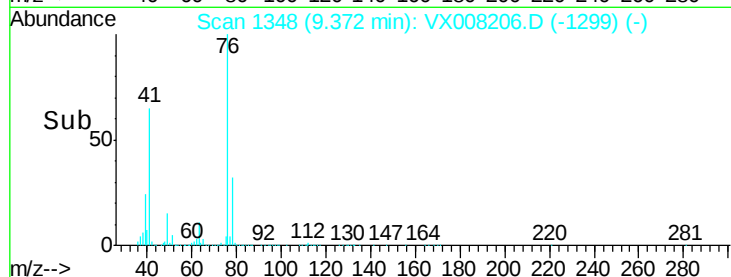
100000

50000

0

Time-->

9.25 9.30 9.35 9.40 9.45



#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

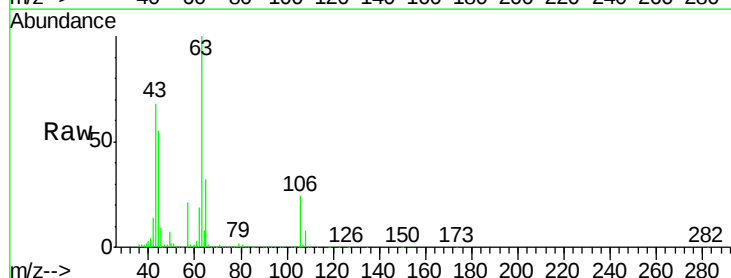
Acq: 19 Mar 2019 22:13

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

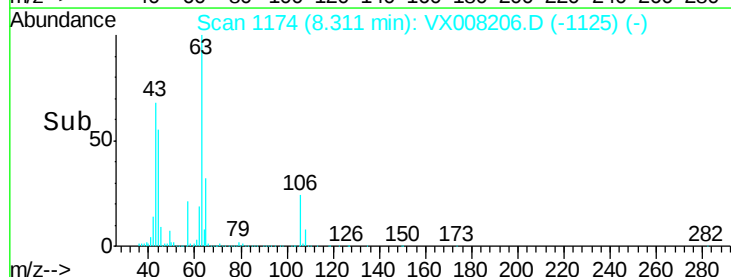
200000

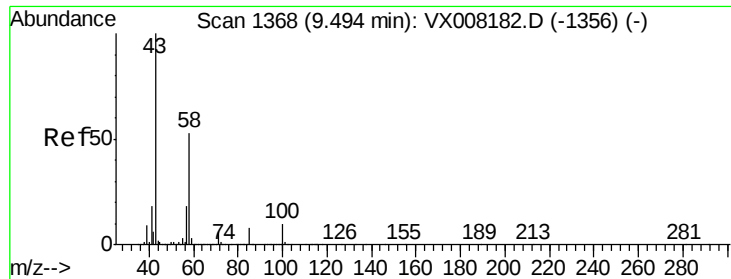
100000

0

Time-->

8.20 8.30 8.40

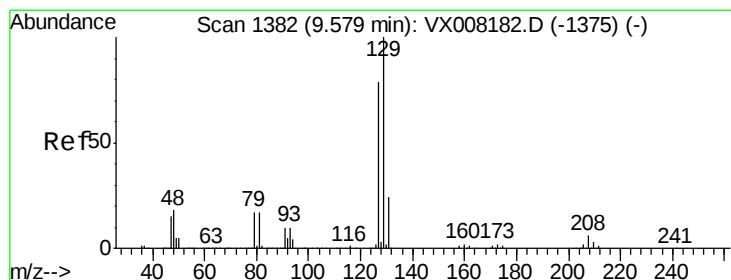
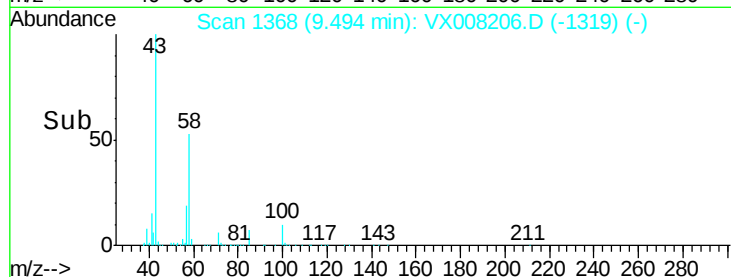
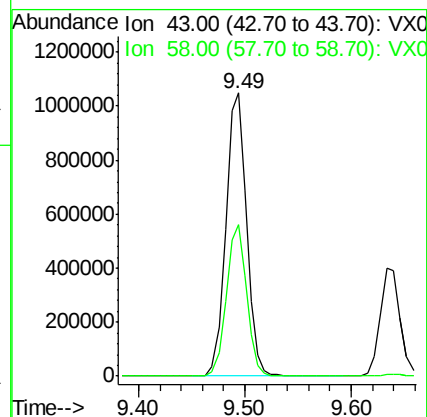
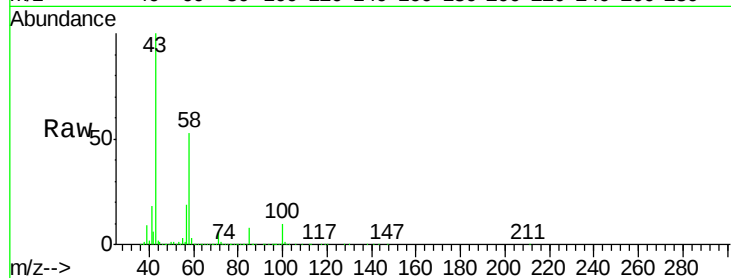




#59
2-Hexanone
Concen: 261.619 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

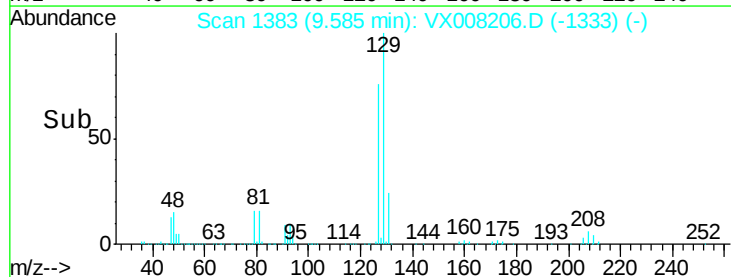
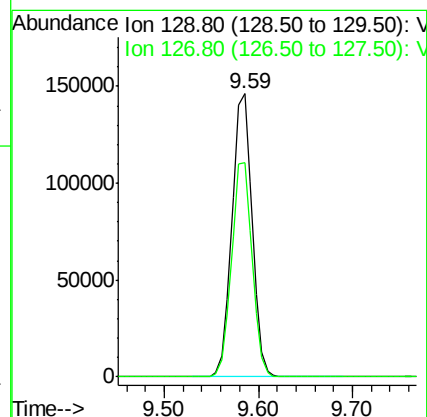
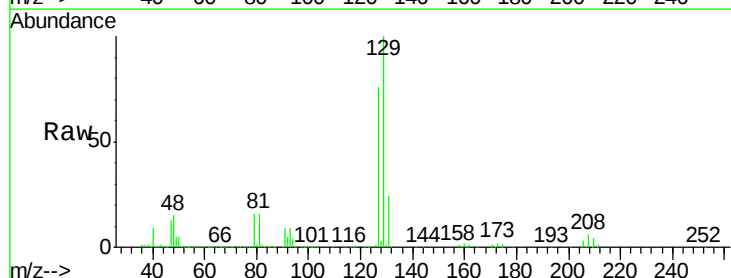
Instrument :
MSVOA_X
ClientSampled :

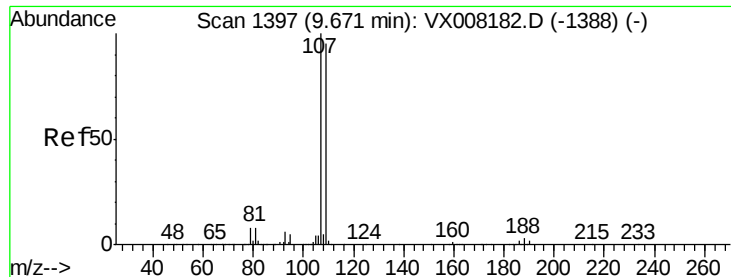
Tot Ion: 43 Resp: 1419536
Ion Ratio Lower Upper
43 100
58 52.5 27.6 82.7



#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

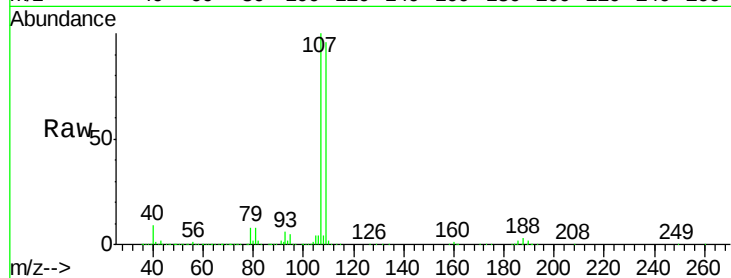
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 225527

Ion Ratio Lower Upper

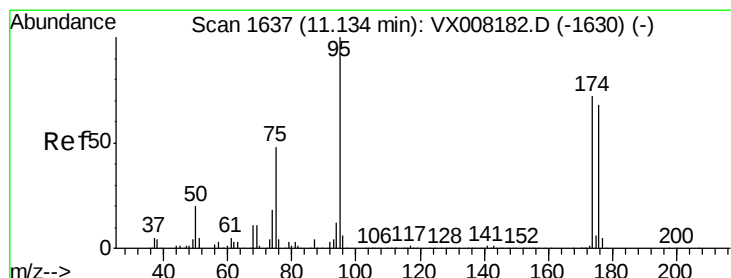
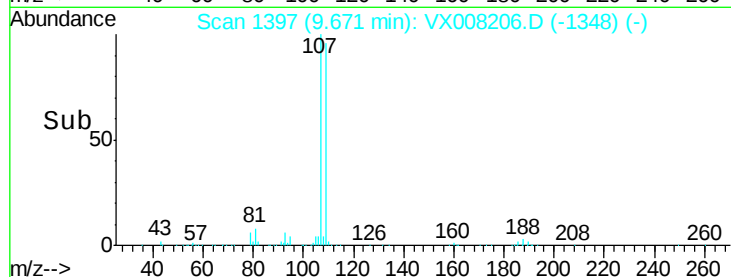
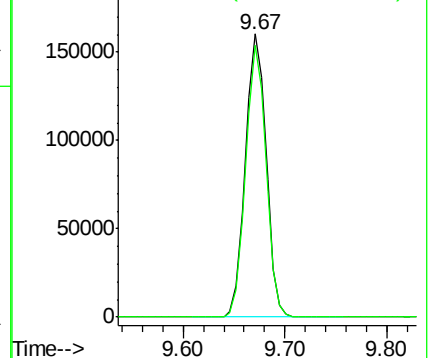
107 100

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



#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

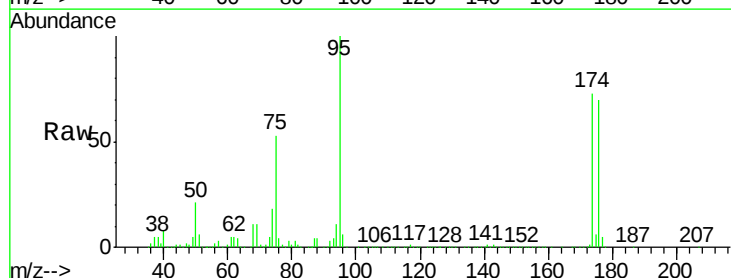
Tgt Ion: 95 Resp: 209861

Ion Ratio Lower Upper

95 100

174 77.9 0.0 182.8

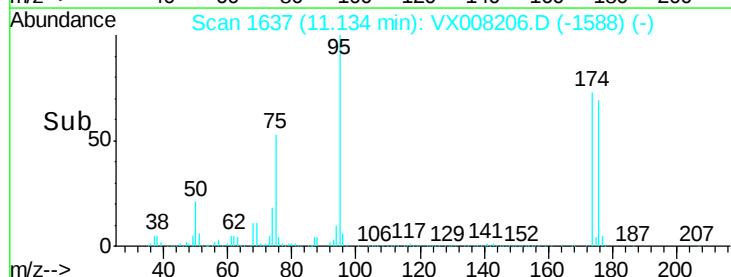
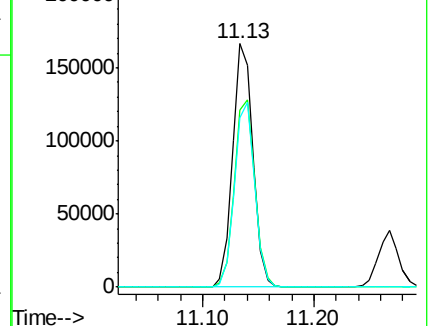
176 75.6 0.0 178.0

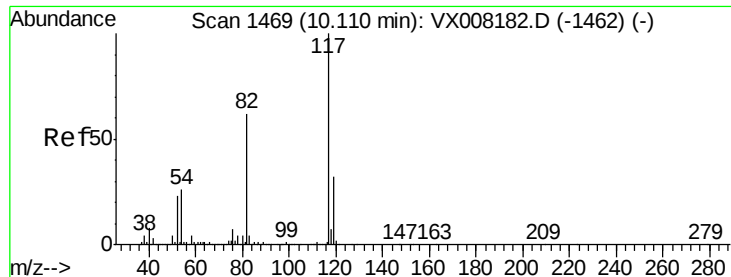


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

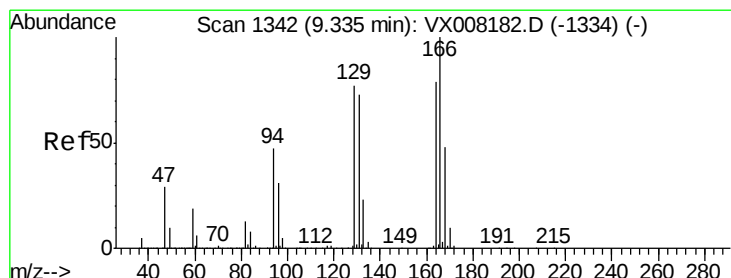
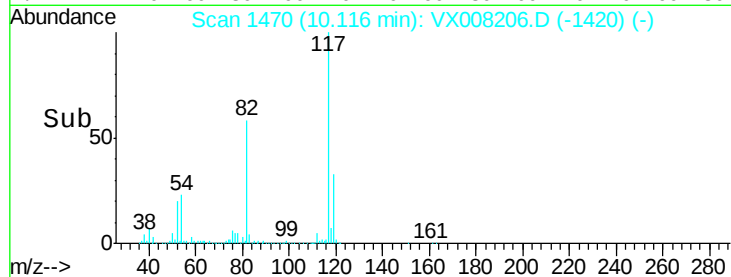
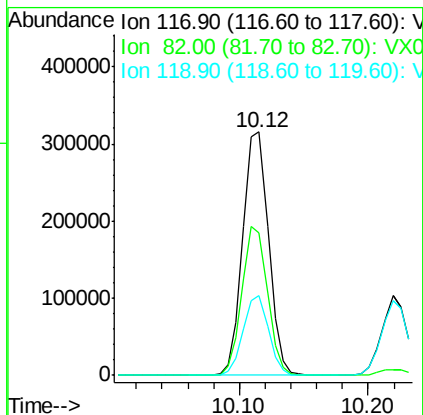
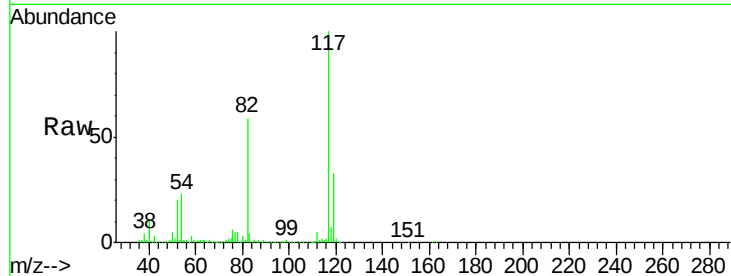




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

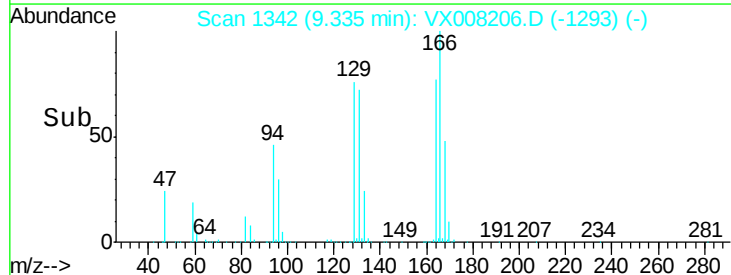
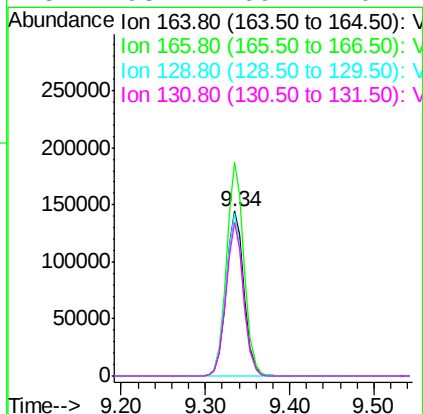
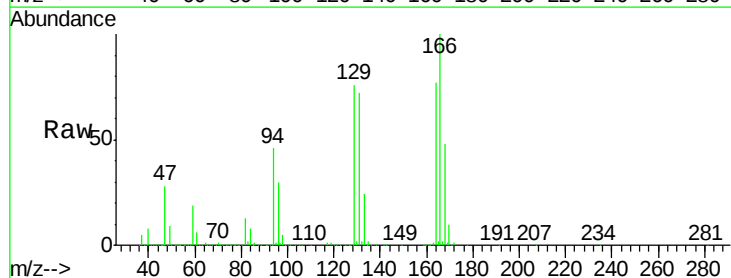
Instrument :
MSVOA_X
ClientSampleId :

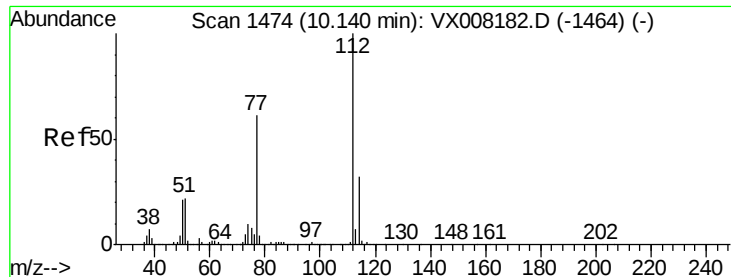
Tot Ion	Ratio	Lower	Upper
117	100		
82	58.5	44.3	66.5
119	33.0	25.3	37.9



#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

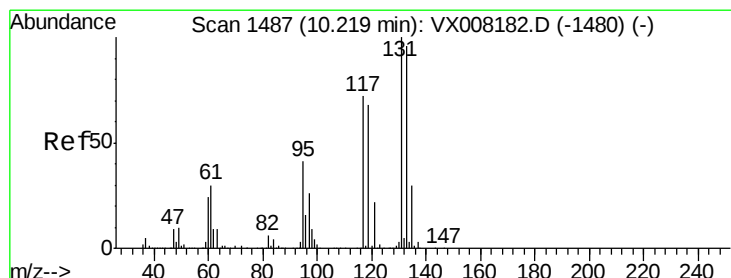
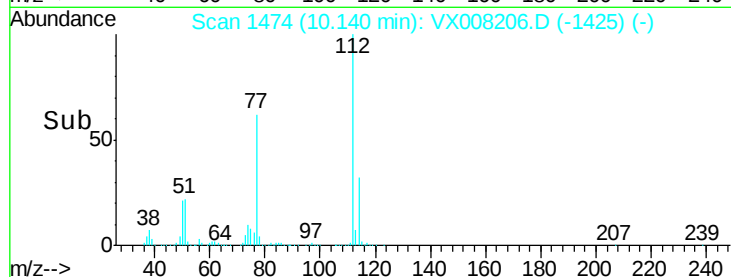
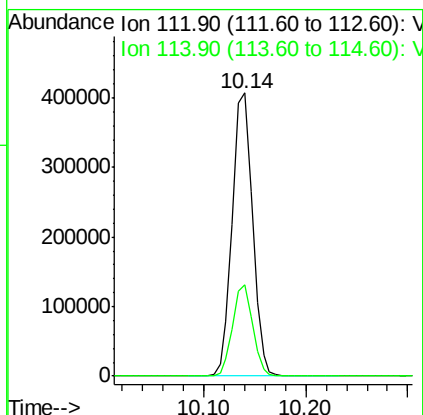
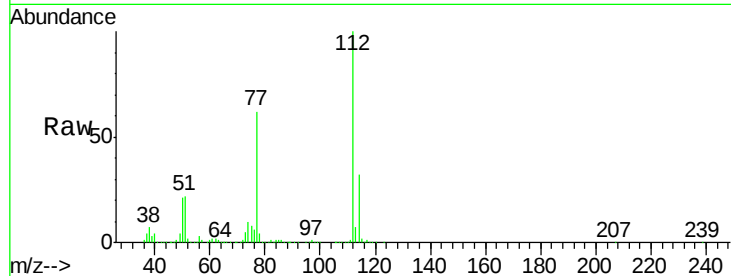




#65
Chlorobenzene
Concen: 51.926 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

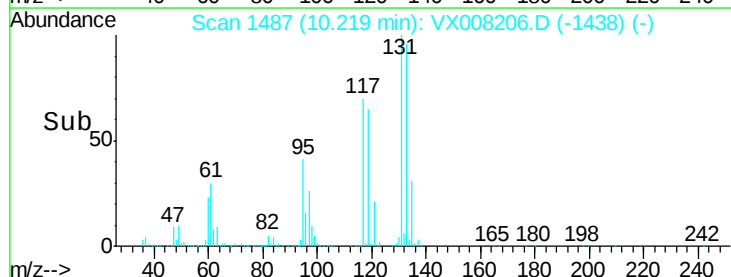
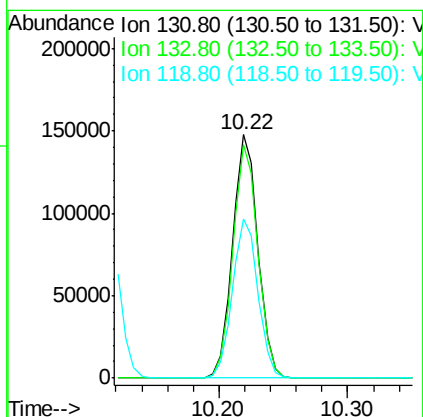
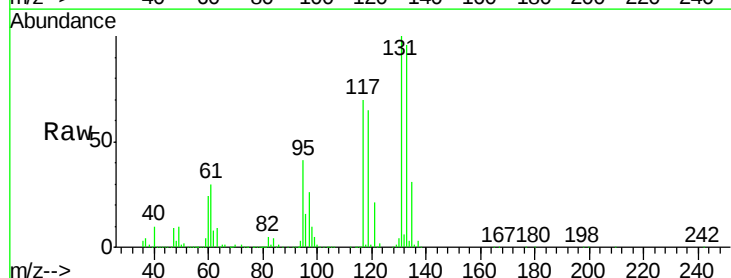
Instrument :
MSVOA_X
ClientSampleId :

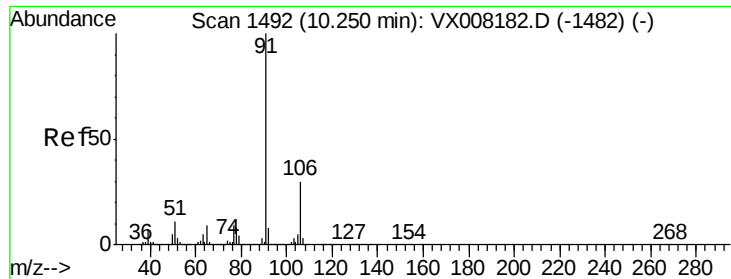
Tot Ion:112 Resp: 559920
Ion Ratio Lower Upper
112 100
114 32.4 26.0 39.0



#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

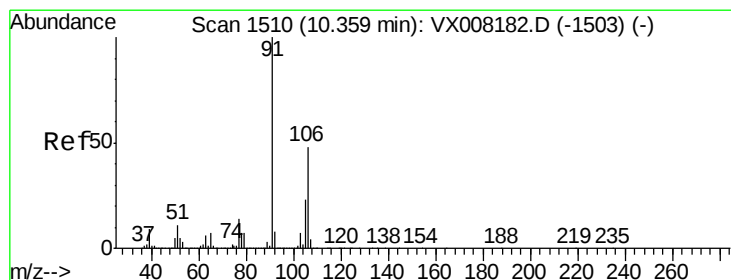
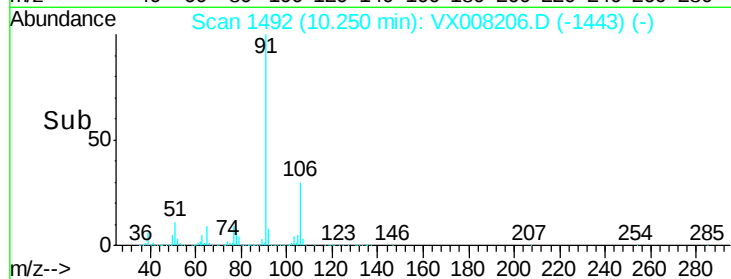
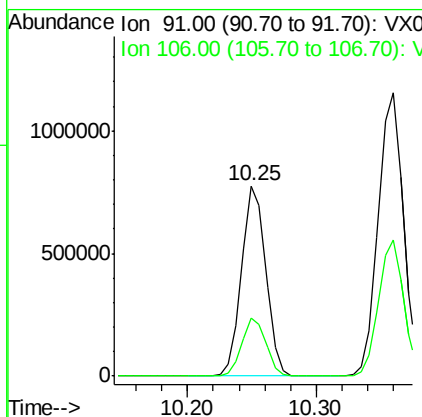
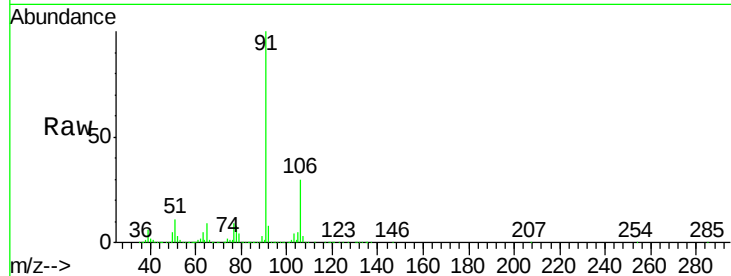




#67
Ethyl Benzene
Concen: 53.185 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

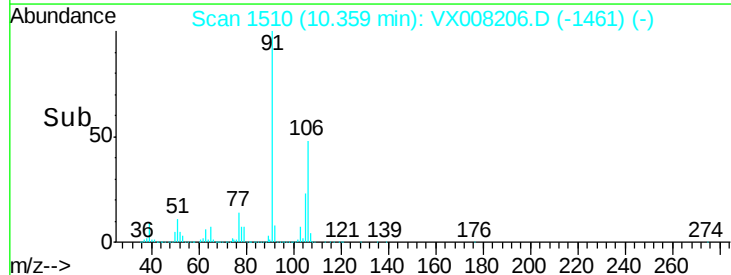
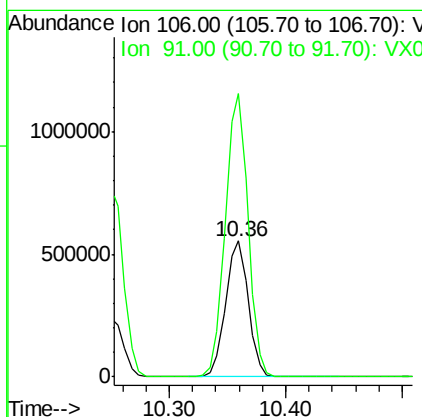
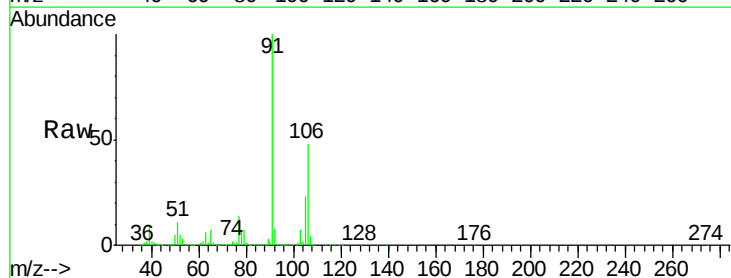
Instrument :
MSVOA_X
ClientSampleId :

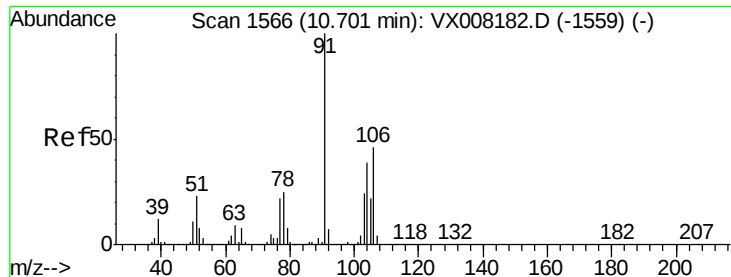
Tot Ion: 91 Resp: 1010618
Ion Ratio Lower Upper
91 100
106 30.3 25.2 37.8



#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

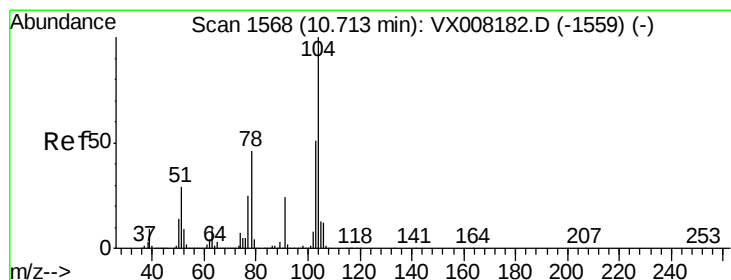
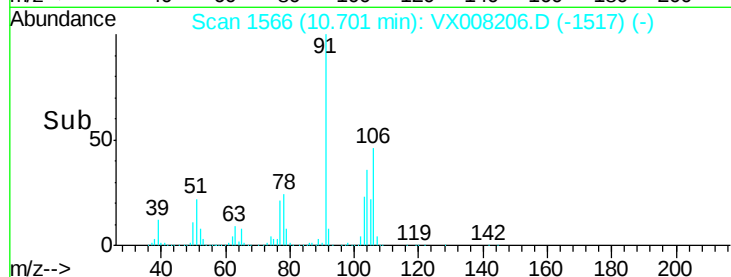
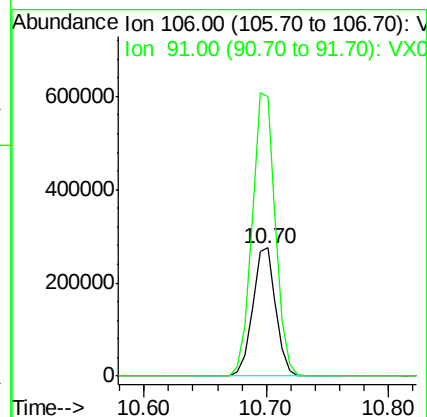
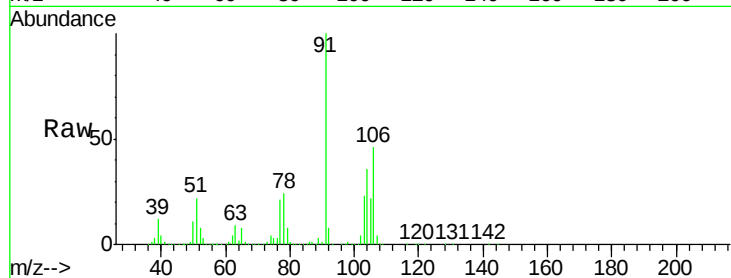




#69
o-Xylene
Concen: 53.156 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

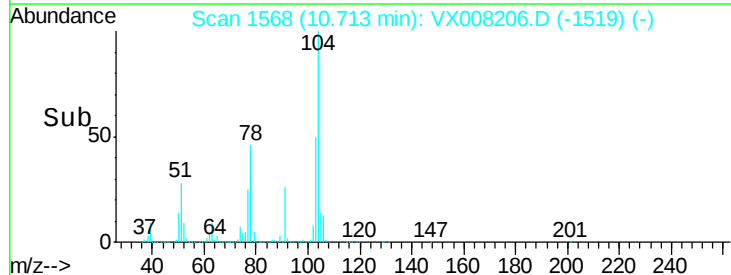
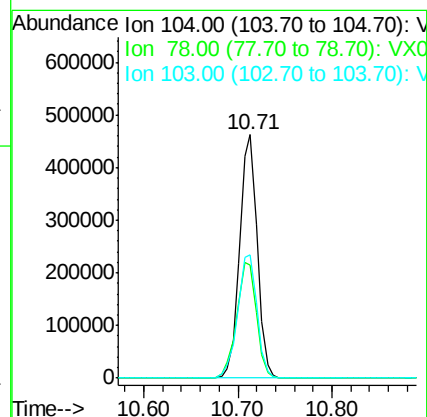
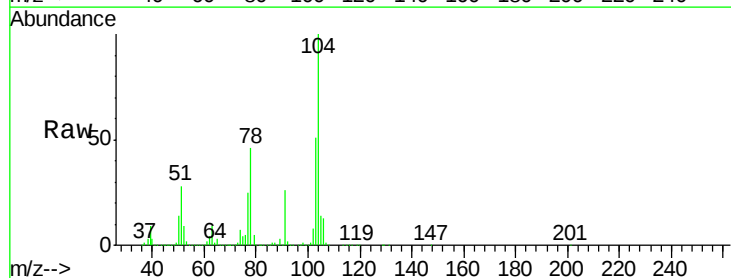
Instrument :
MSVOA_X
ClientSampleId :

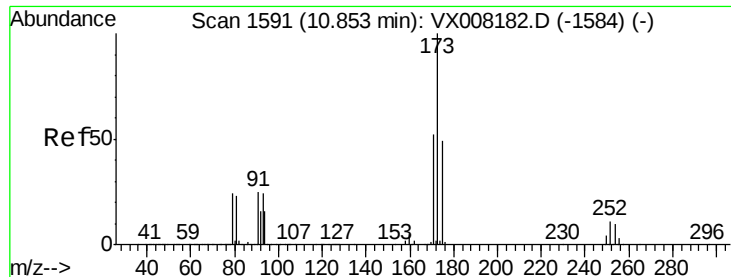
Tot Ion:106 Resp: 360535
Ion Ratio Lower Upper
106 100
91 222.2 106.3 318.9



#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

ClientSampled :

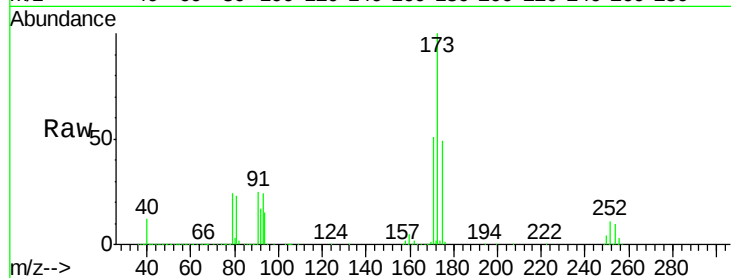
Tot Ion:173 Resp: 156931

Ion Ratio Lower Upper

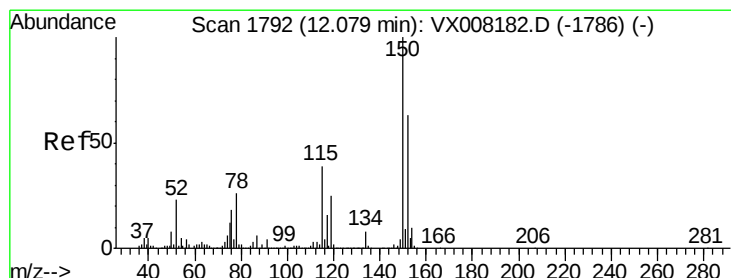
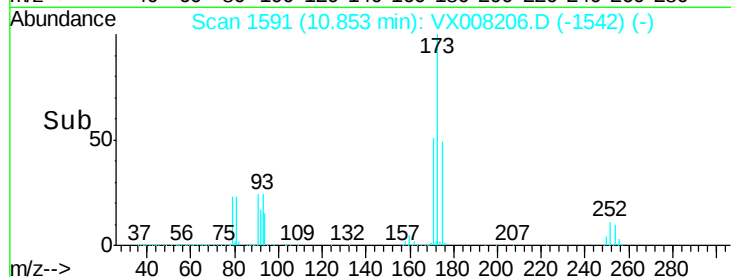
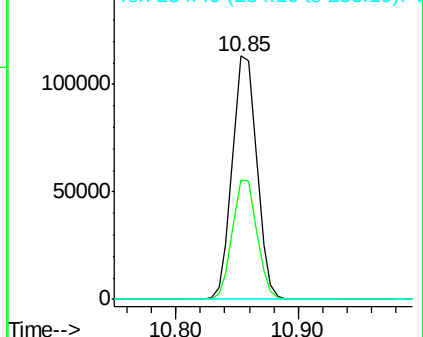
173 100

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

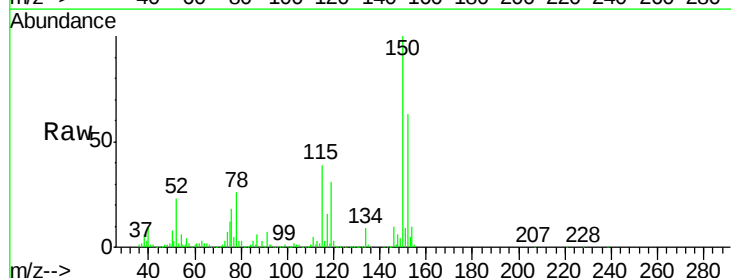
Tgt Ion:152 Resp: 202613

Ion Ratio Lower Upper

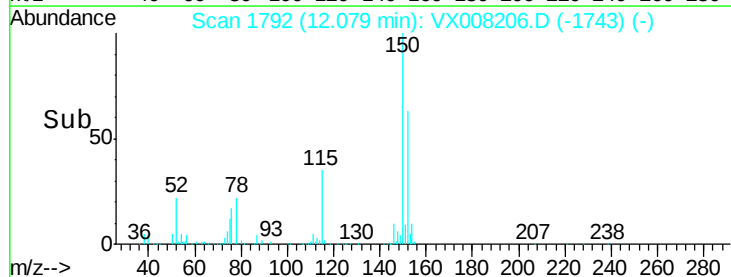
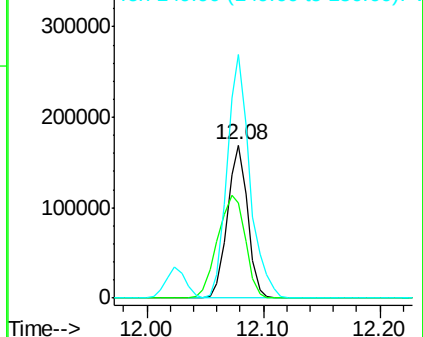
152 100

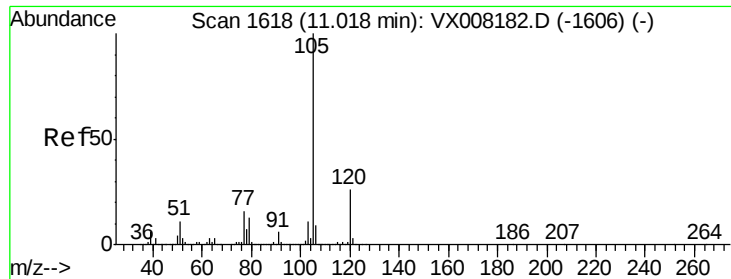
115 91.3 38.6 115.7

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

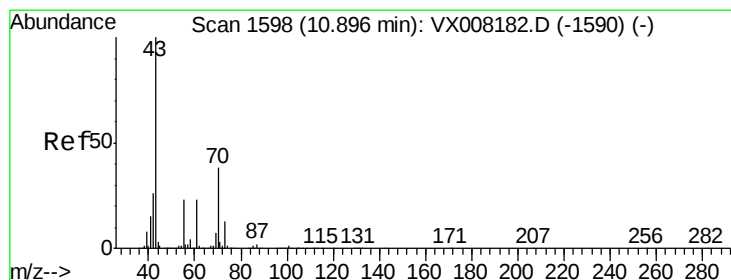
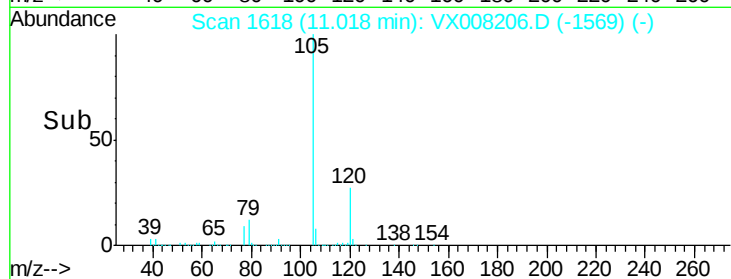
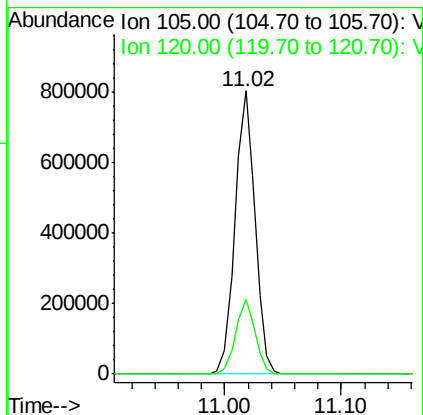
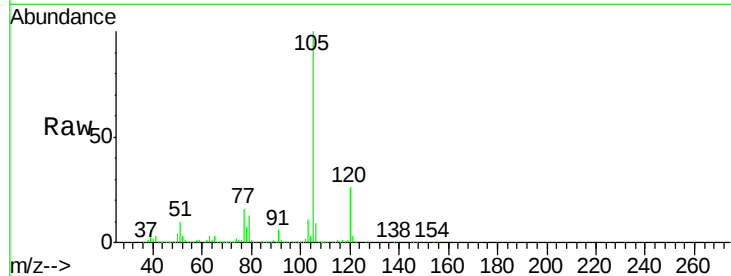




#73
Isopropylbenzene
Concen: 53.354 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

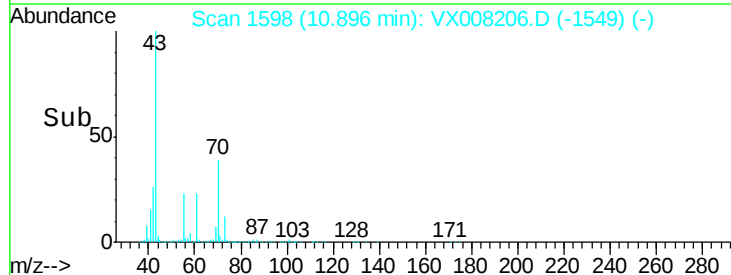
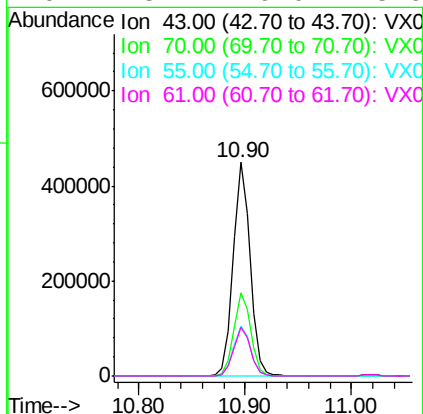
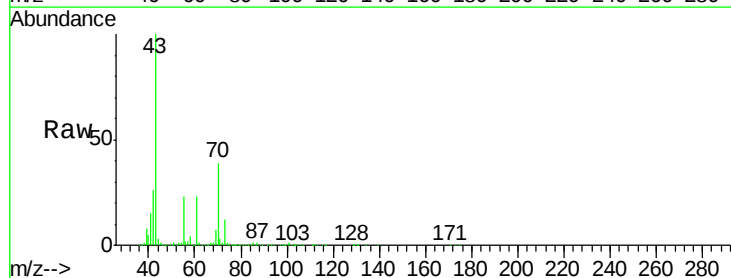
Instrument :
MSVOA_X
ClientSampleId :

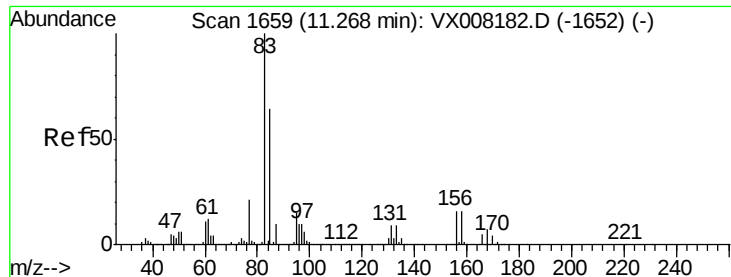
Tot Ion:105 Resp: 963580
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1



#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





#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 :

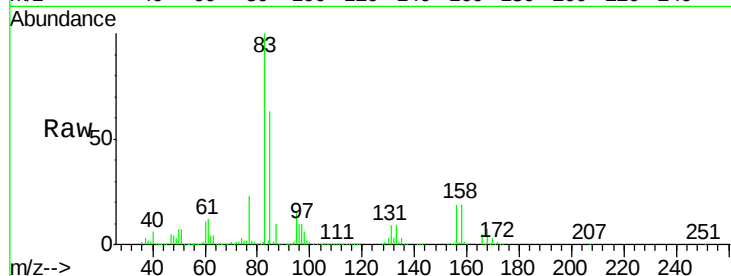
Tot Ion: 83 Resp: 330541

Ion Ratio Lower Upper

83 100

131 9.4 5.4 16.2

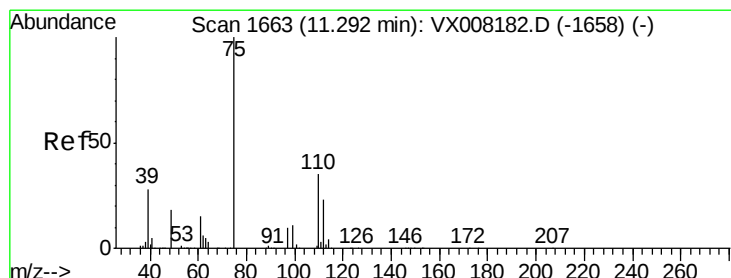
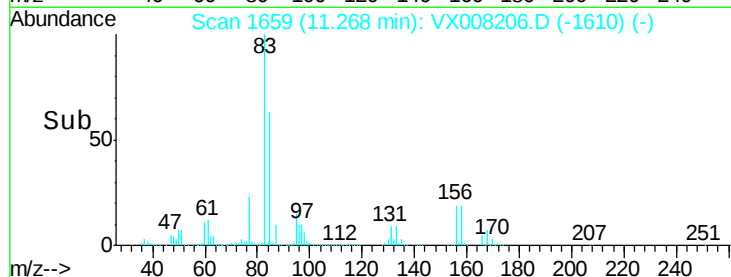
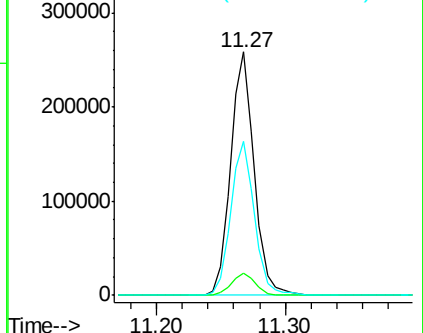
85 63.6 32.3 96.8



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

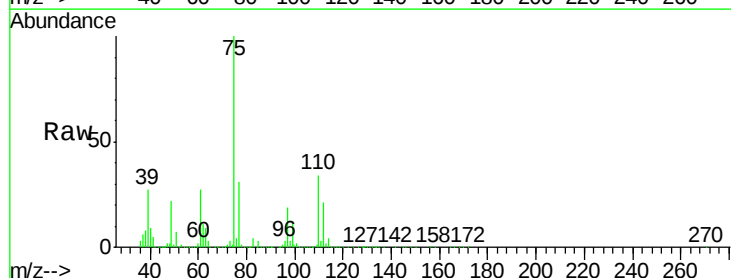
Acq: 19 Mar 2019 22:13

Tgt Ion: 75 Resp: 405519

Ion Ratio Lower Upper

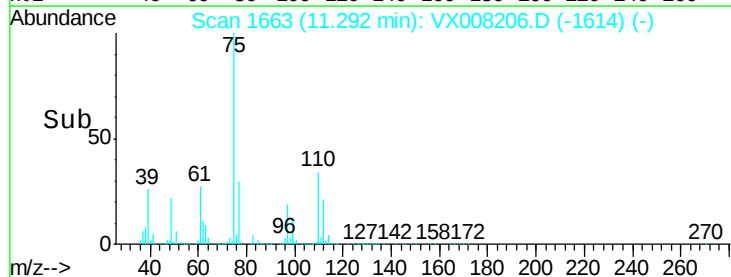
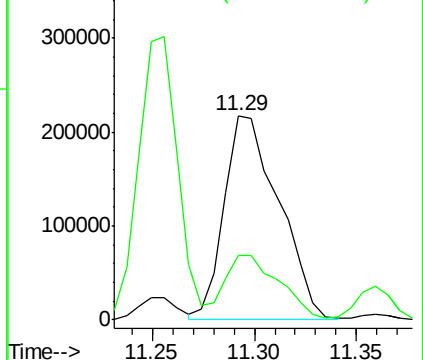
75 100

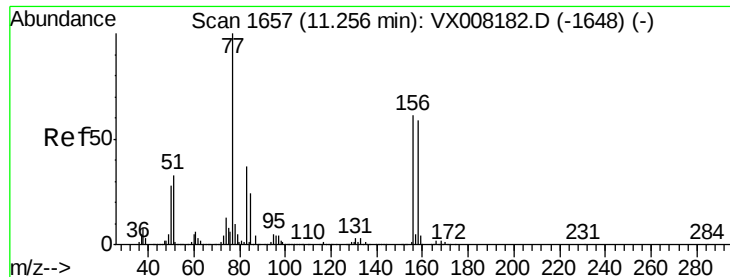
77 31.7 18.9 56.7



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 :

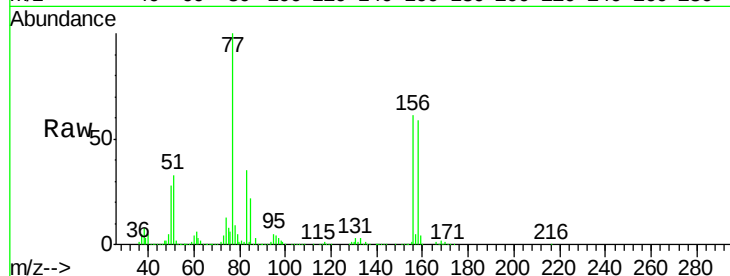
Tot Ion:156 Resp: 230528

Ion Ratio Lower Upper

156 100

77 173.2 72.0 215.9

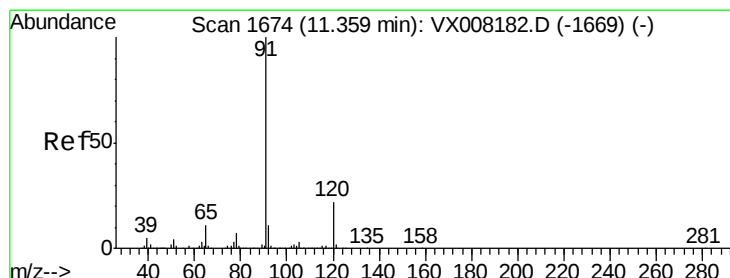
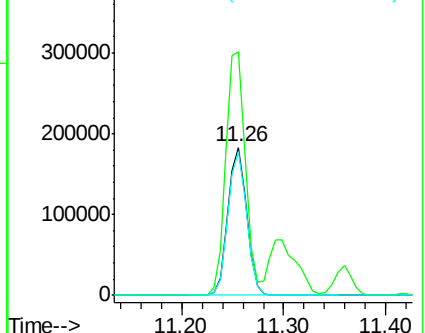
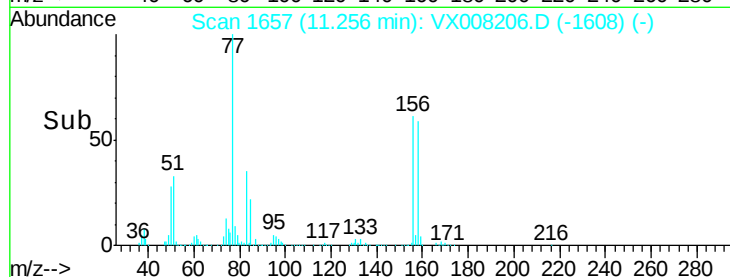
158 96.5 48.6 145.9



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

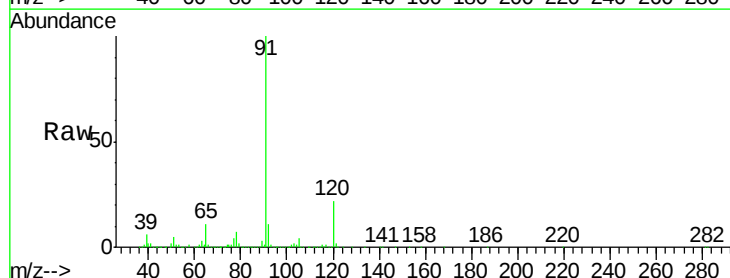
Acq: 19 Mar 2019 22:13

Tgt Ion: 91 Resp: 1122331

Ion Ratio Lower Upper

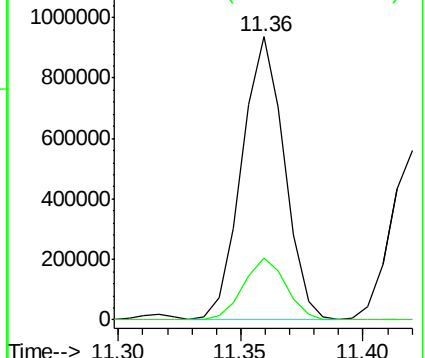
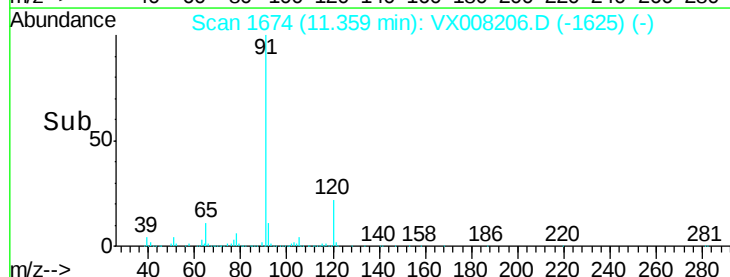
91 100

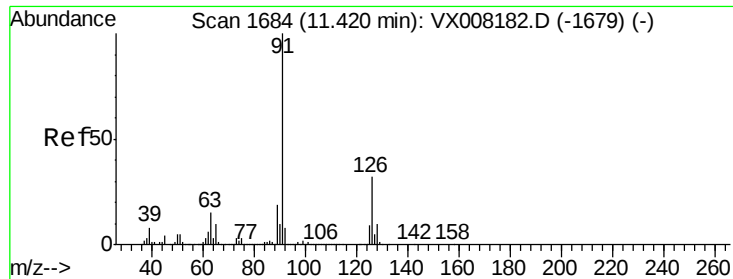
120 22.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

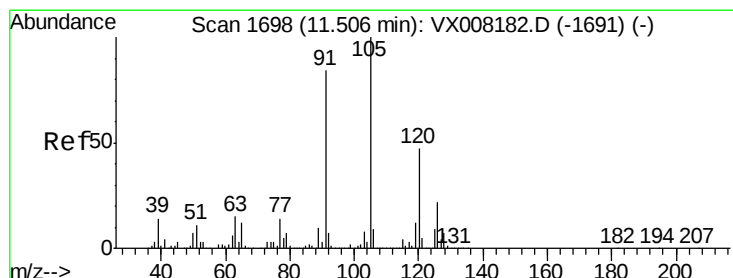
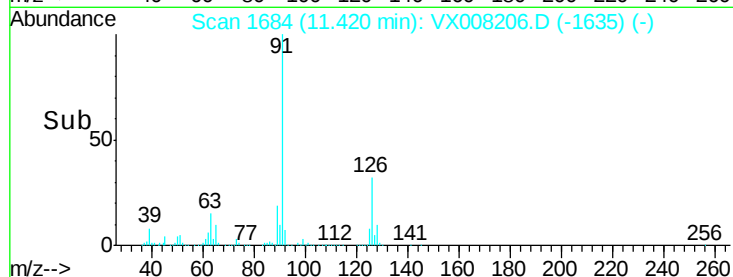
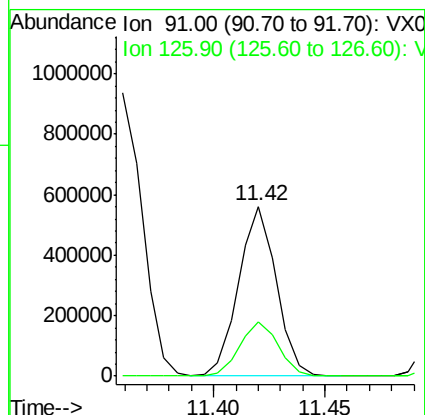
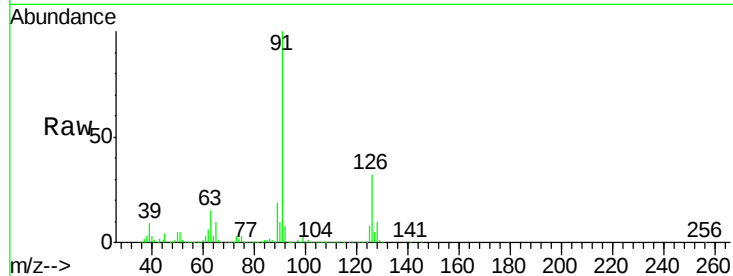




#79
 2-Chlorotoluene
 Concen: 52.688 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008206.D
 Acq: 19 Mar 2019 22:13

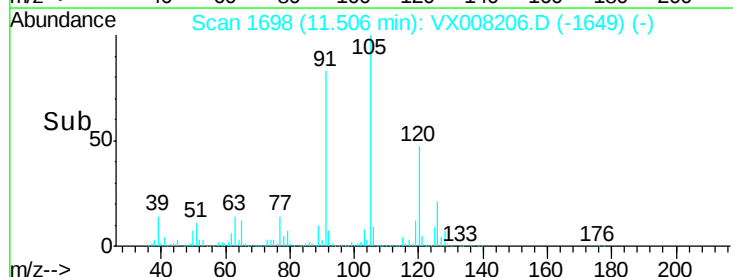
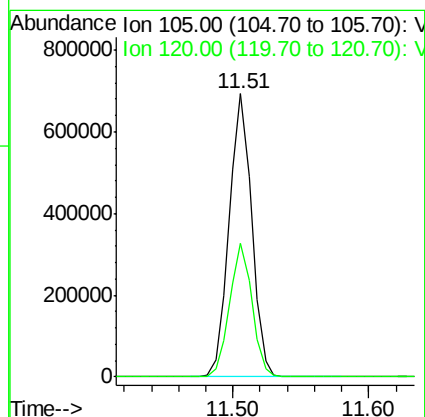
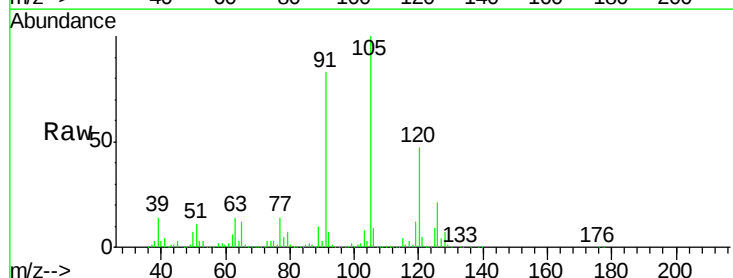
Instrument :
 MSVOA_X
 ClientSampleId :

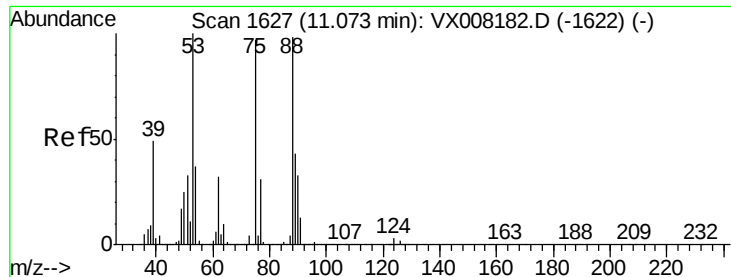
Tot Ion: 91 Resp: 663332
 Ion Ratio Lower Upper
 91 100
 126 32.5 17.5 52.6



#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 :

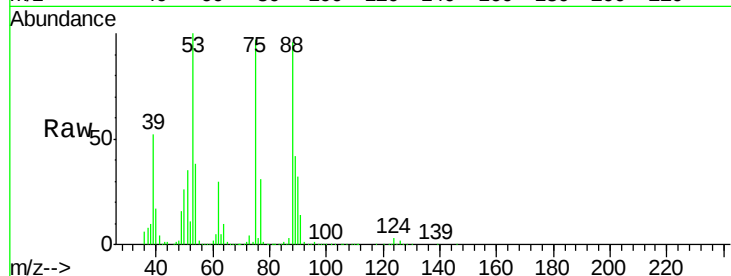
Tot Ion: 75 Resp: 105711

Ion Ratio Lower Upper

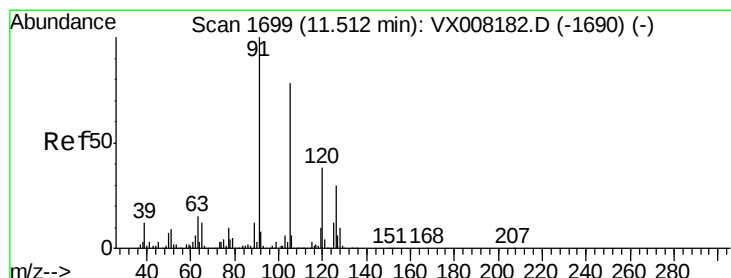
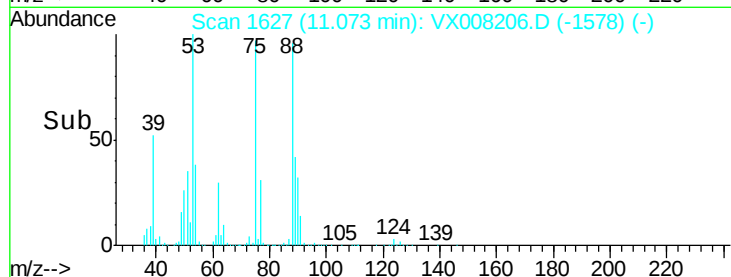
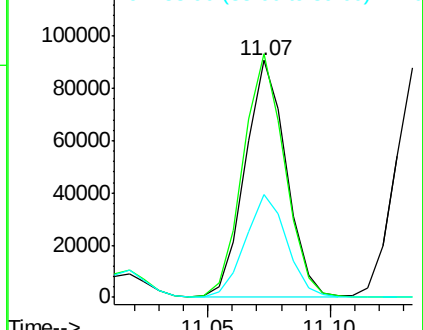
75 100

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

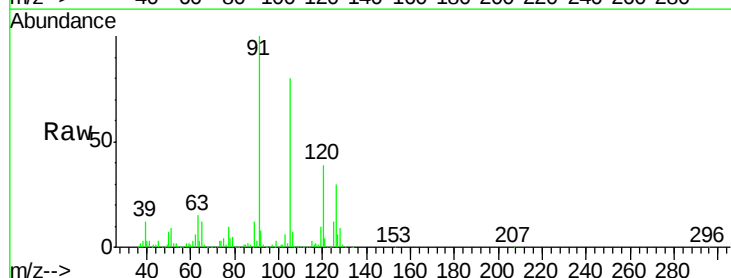
Acq: 19 Mar 2019 22:13

Tgt Ion: 91 Resp: 768886

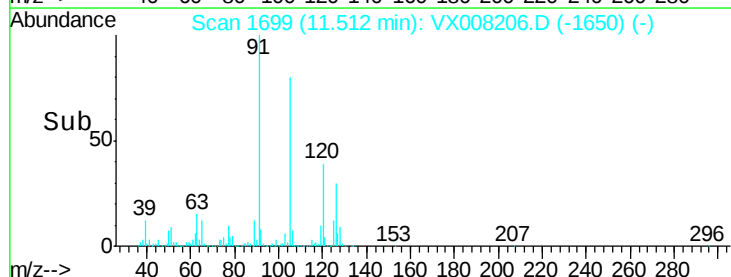
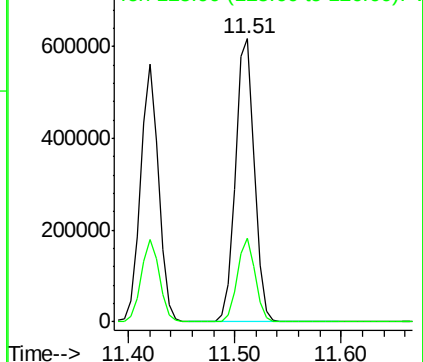
Ion Ratio Lower Upper

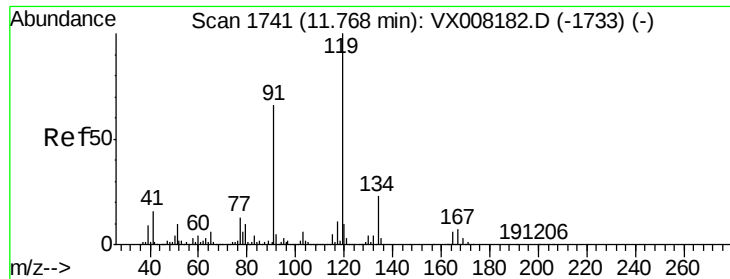
91 100

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

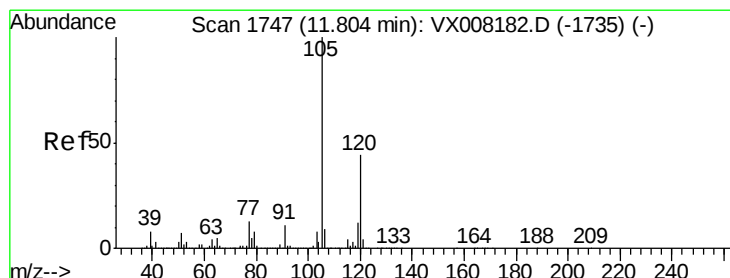
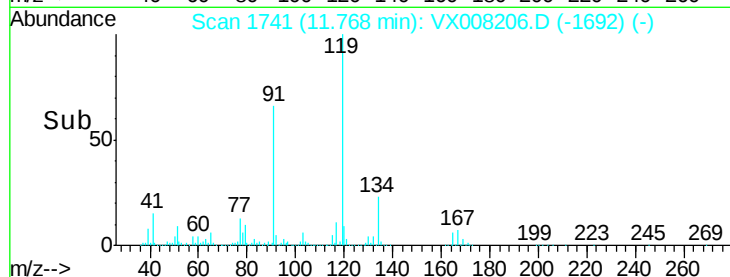
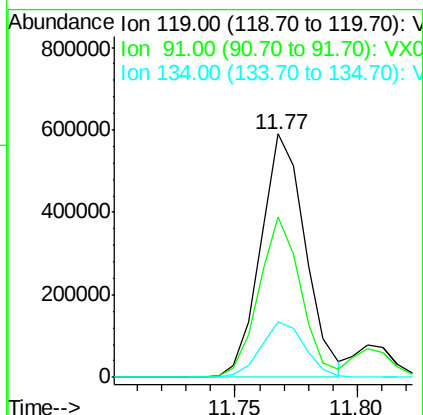
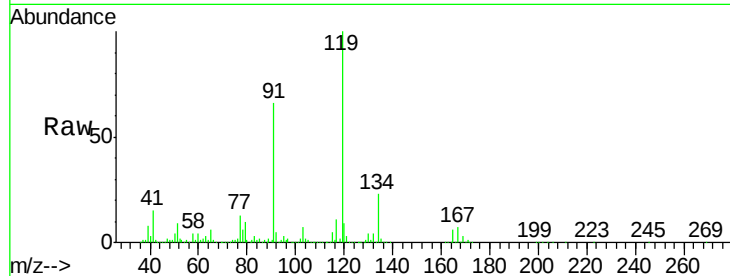




#83
tert-Butylbenzene
Concen: 52.480 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

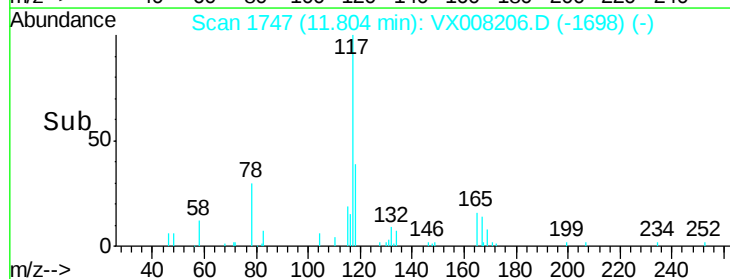
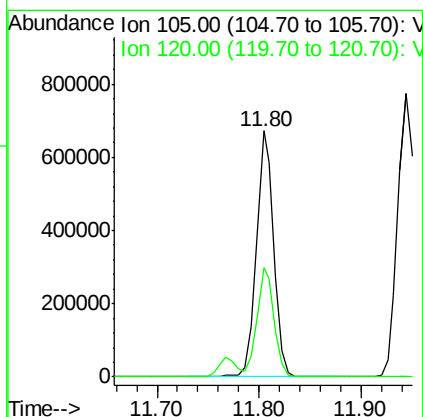
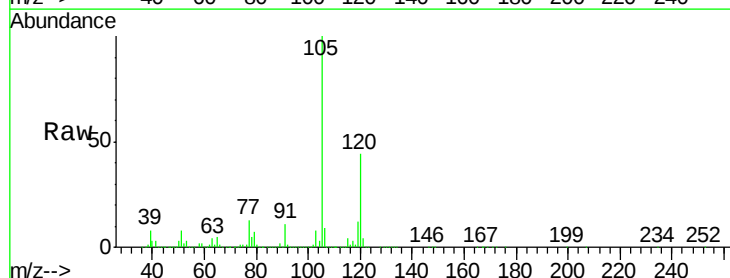
Instrument :
MSVOA_X
ClientSampleId :

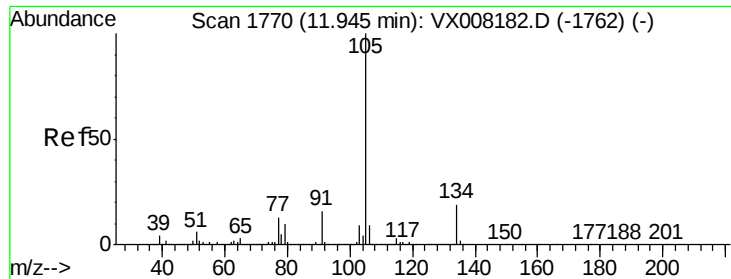
Tot Ion	Ratio	Lower	Upper
119	100		
91	62.1	27.1	81.3
134	22.5	11.4	34.1



#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	Ratio	Lower	Upper
105	100		
120	43.5	22.6	67.7

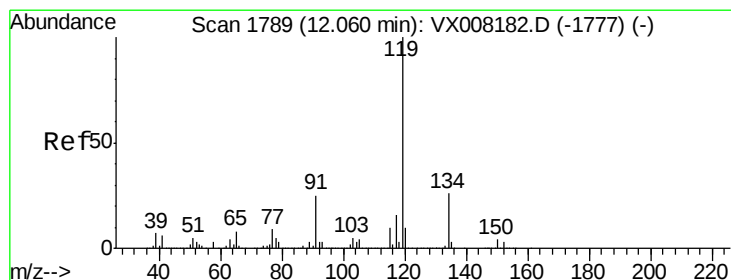
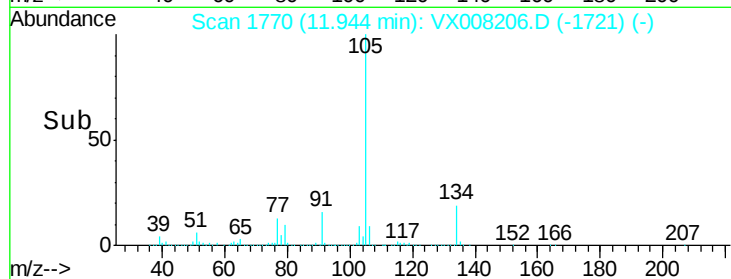
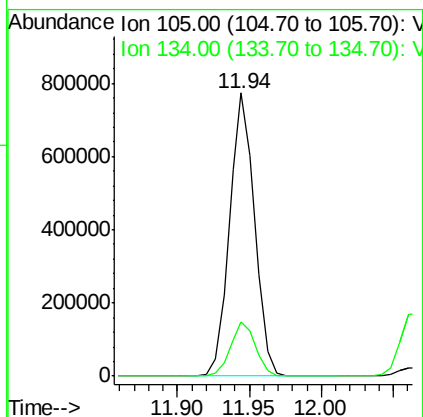
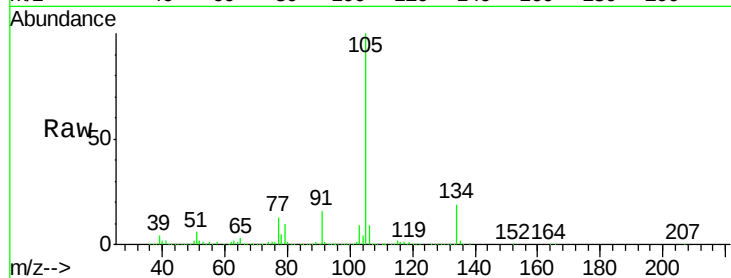




#85
 sec-Butylbenzene
 Concen: 53.451 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008206.D
 Acq: 19 Mar 2019 22:13

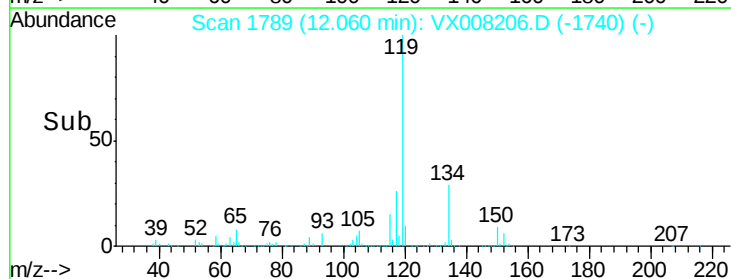
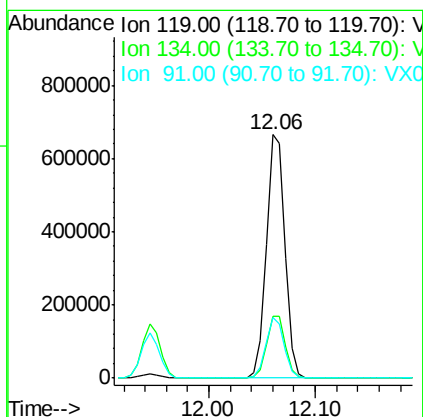
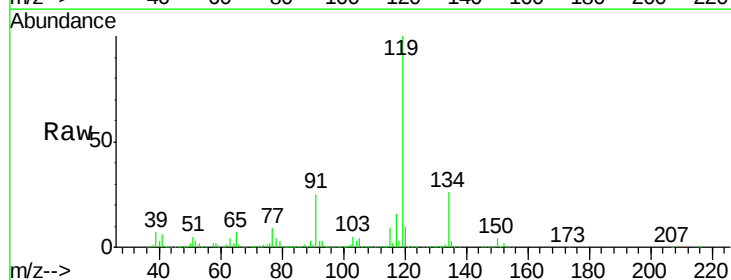
Instrument :
 MSVOA_X
 ClientSampleId :

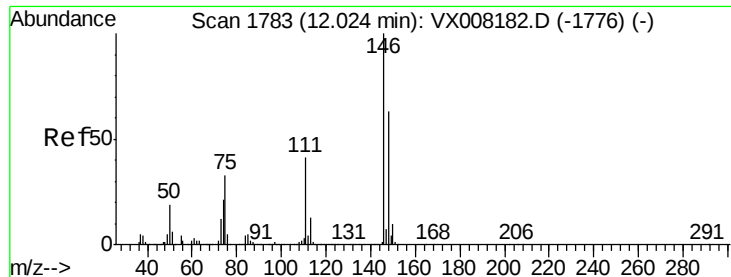
Tot Ion:105 Resp: 942923
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.2



#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





#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 :

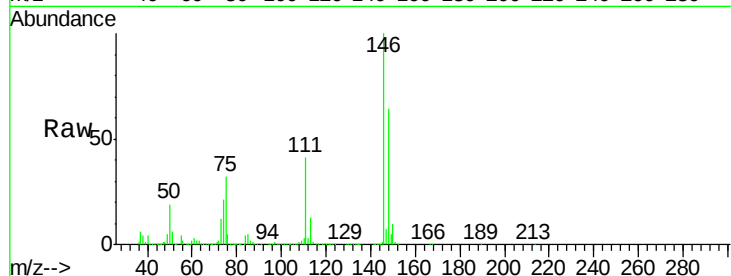
Tot Ion:146 Resp: 404791

Ion Ratio Lower Upper

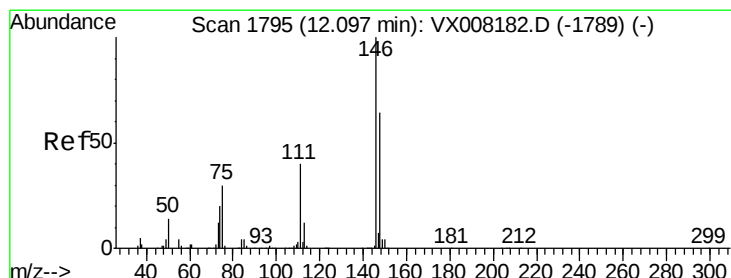
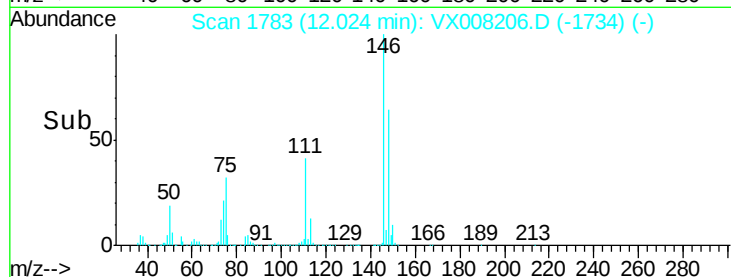
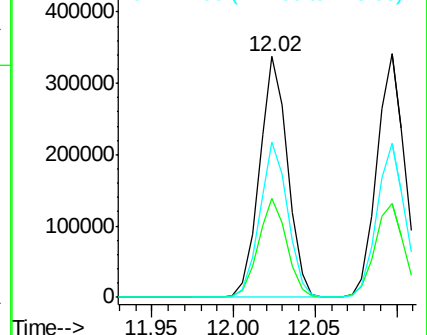
146 100

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

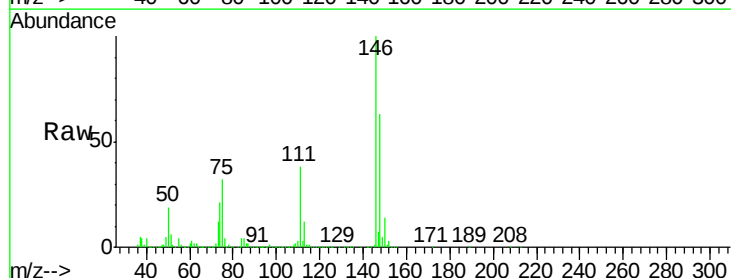
Tgt Ion:146 Resp: 405114

Ion Ratio Lower Upper

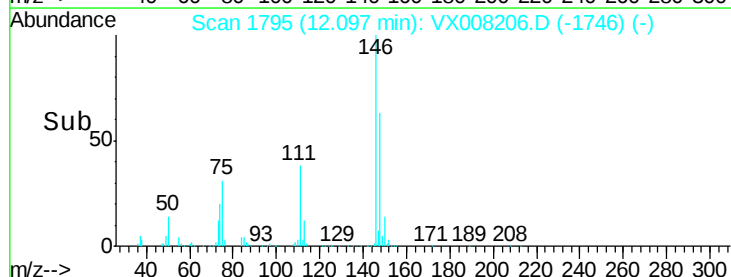
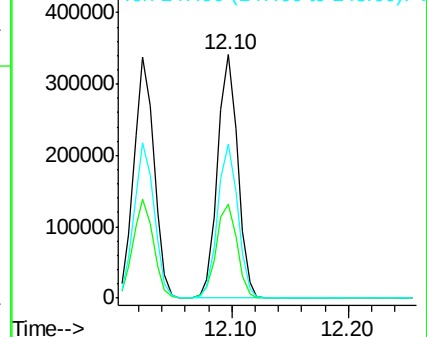
146 100

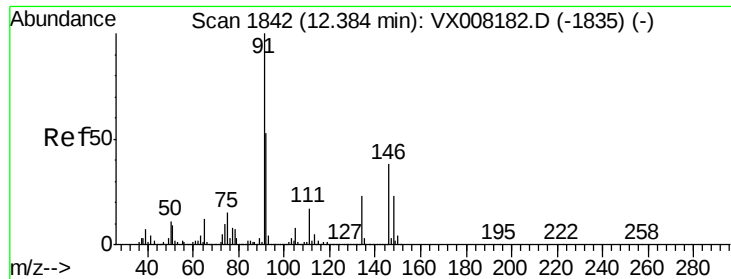
111 39.8 18.4 55.0

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

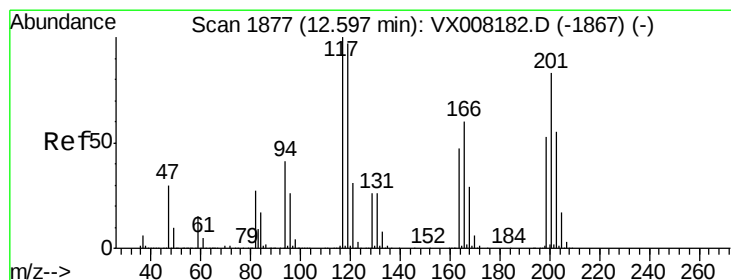
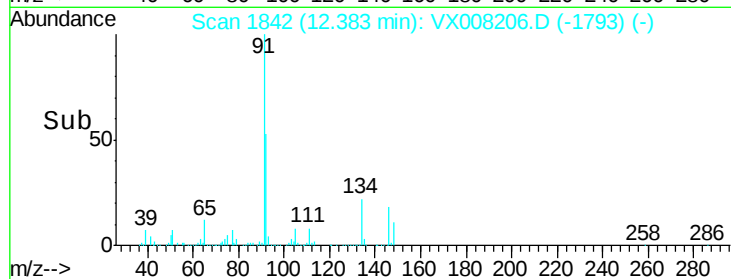
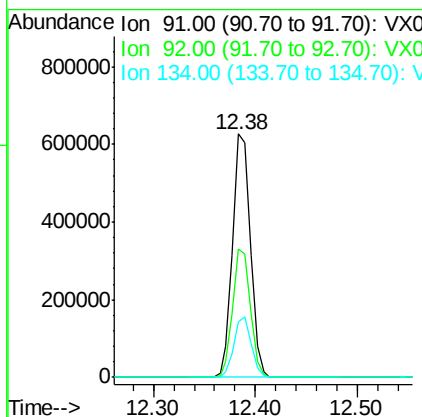
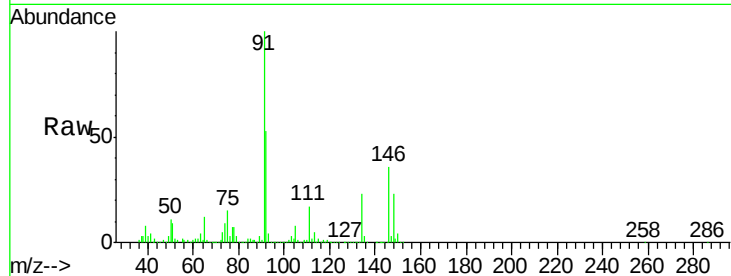




#89
n-Butylbenzene
Concen: 52.372 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

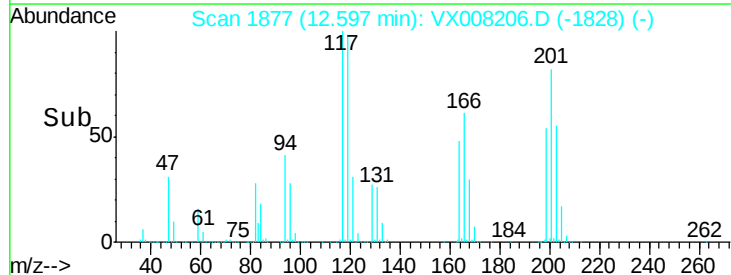
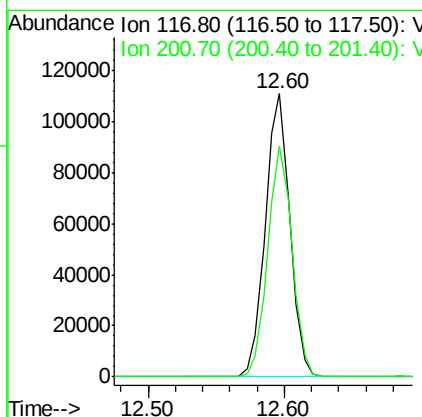
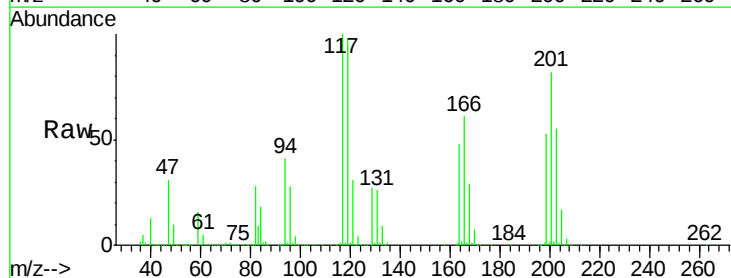
Instrument :
MSVOA_X
ClientSampleId :

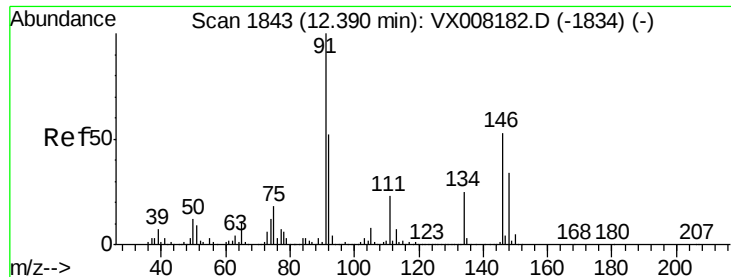
Tot Ion: 91 Resp: 750582
Ion Ratio Lower Upper
91 100
92 52.3 27.0 80.8
134 24.1 13.7 41.0



#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

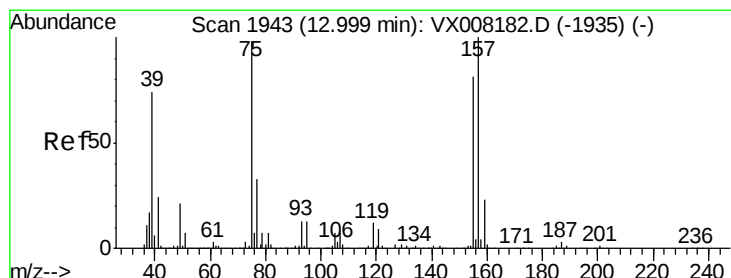
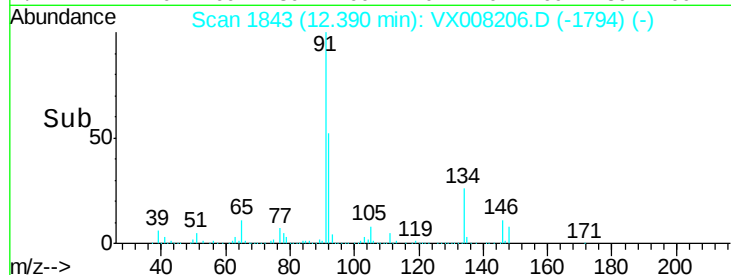
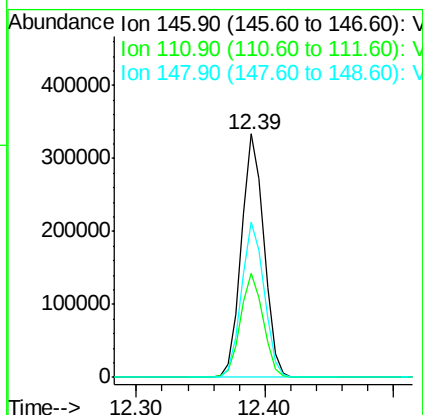
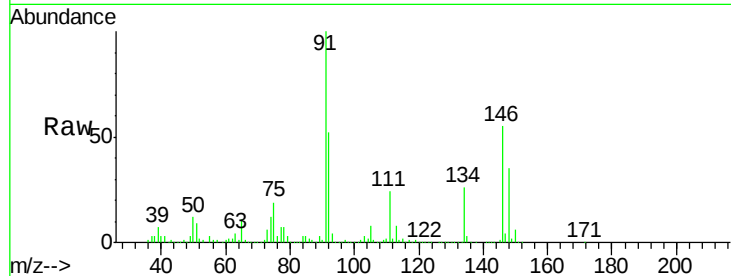




#91
 1,2-Dichlorobenzene
 Concen: 51.381 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008206.D
 Acq: 19 Mar 2019 22:13

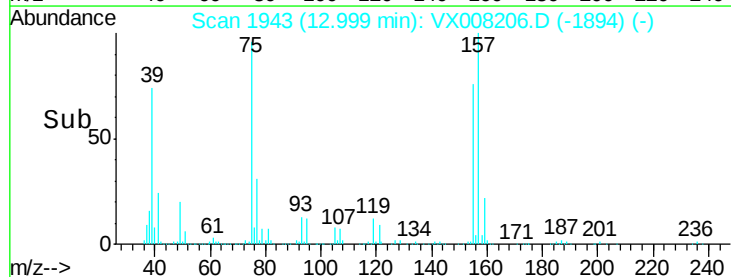
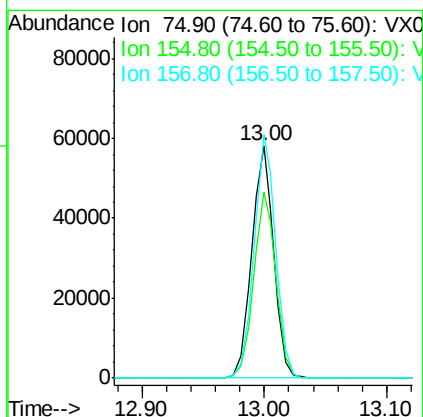
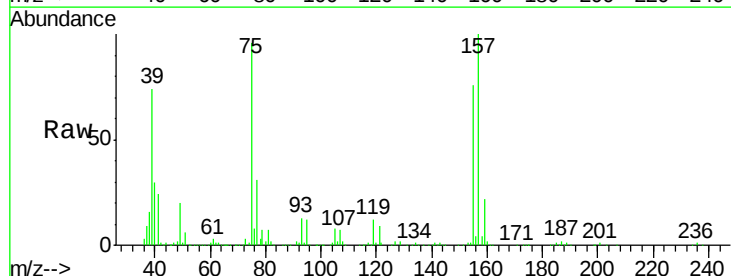
Instrument :
 MSVOA_X
 ClientSampleId :

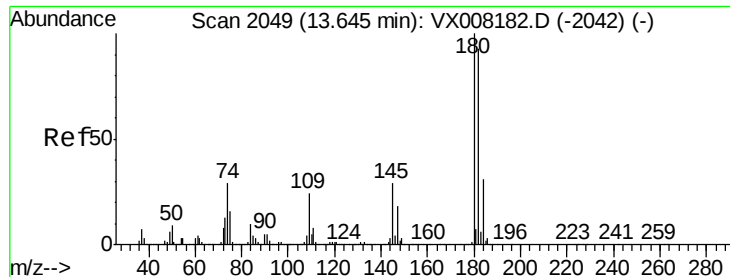
Tot Ion:146 Resp: 404284
 Ion Ratio Lower Upper
 146 100
 111 43.0 19.6 58.8
 148 63.8 31.9 95.5



#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

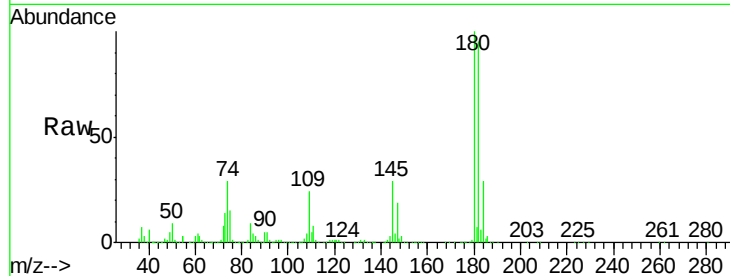




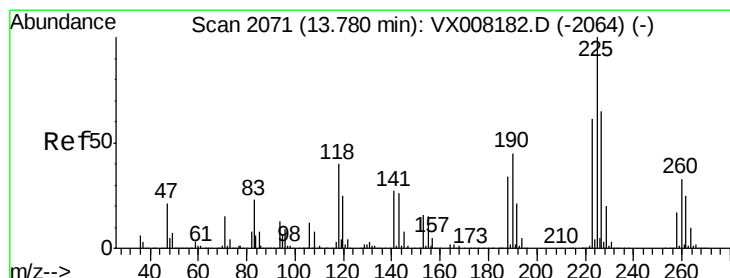
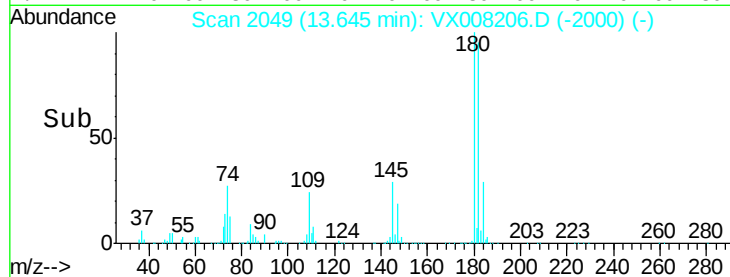
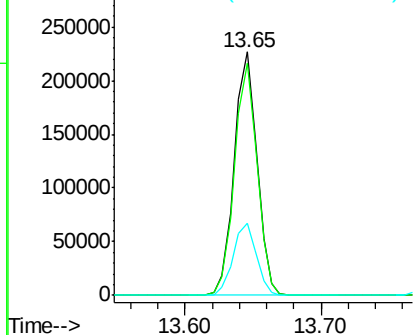
#93
 1,2,4-Trichlorobenzene
 Concen: 51.158 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008206.D
 Acq: 19 Mar 2019 22:13

Instrument :
 MSVOA_X
 ClientSampleId :

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

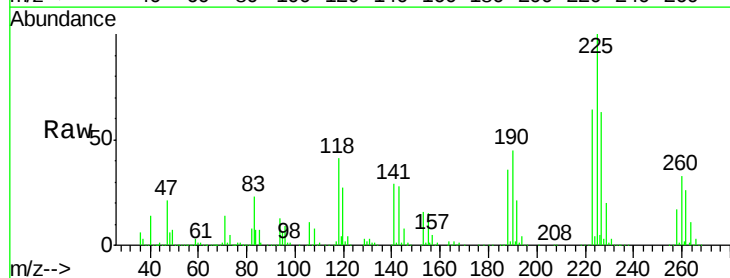


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

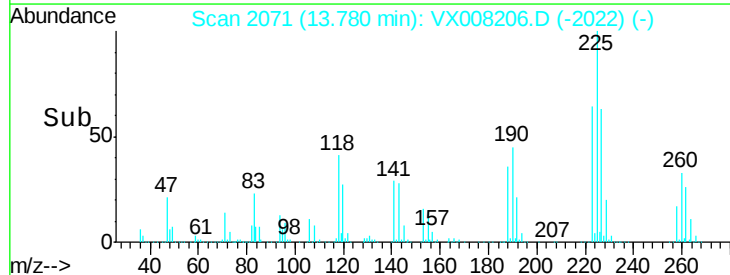
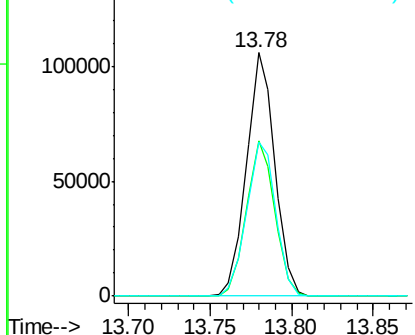


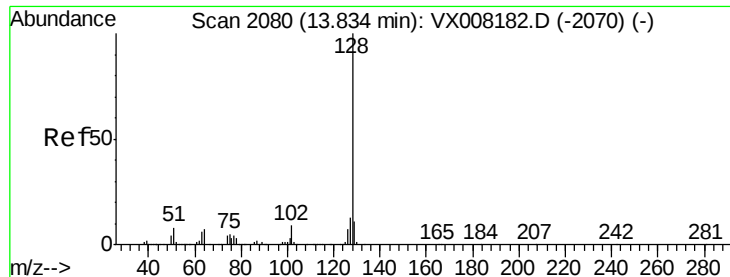
#94
 Hexachlorobutadiene
 Concen: 50.728 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008206.D
 Acq: 19 Mar 2019 22:13

Tgt Ion	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

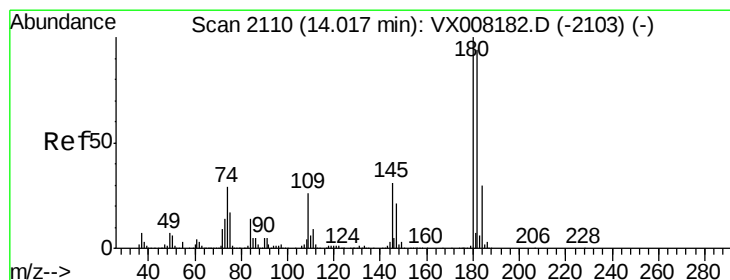
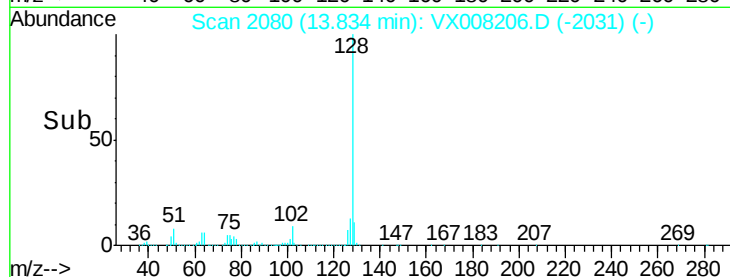
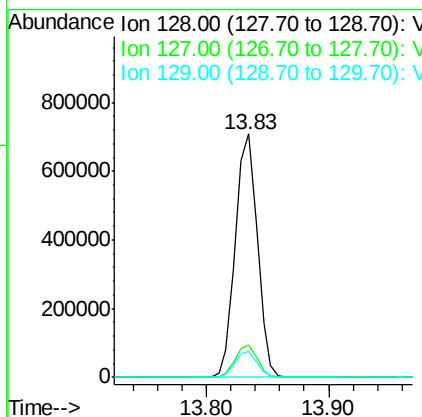
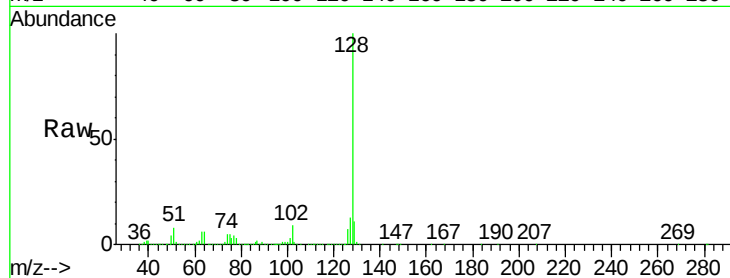




#95
Naphthalene
Concen: 53.633 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008206.D
Acq: 19 Mar 2019 22:13

Instrument :
MSVOA_X
ClientSampleId :

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

