

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008190.D
 Acq On : 19 Mar 2019 14:46
 Operator : JC/SP
 Sample : VX0319WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 20 07:09:05 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	5.66	168	349713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	563844	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	509808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	240726	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	249990	47.46	ug/l	0.00
Spiked Amount			Recovery	=	94.92%	
35) Dibromofluoromethane	5.50	113	187363	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	
50) Toluene-d8	8.71	98	744257	52.01	ug/l	0.00
Spiked Amount			Recovery	=	104.02%	
62) 4-Bromofluorobenzene	11.13	95	266332	54.05	ug/l	0.00
Spiked Amount			Recovery	=	108.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	94106	22.195	ug/l	100
3) Chloromethane	1.33	50	109778	20.634	ug/l	98
4) Vinyl Chloride	1.41	62	110177	20.771	ug/l	99
5) Bromomethane	1.64	94	82984	18.365	ug/l	99
6) Chloroethane	1.73	64	67101	20.175	ug/l	100
7) Trichlorofluoromethane	1.93	101	134456	19.862	ug/l	94
8) Diethyl Ether	2.19	74	76795	22.049	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	97681	21.733	ug/l	90
10) Methyl Iodide	2.51	142	122782	21.455	ug/l	97
11) Tert butyl alcohol	3.04	59	123617	109.635	ug/l	100
12) 1,1-Dichloroethene	2.37	96	92528	21.806	ug/l	91
13) Acrolein	2.29	56	73647	85.906	ug/l	100
14) Allyl chloride	2.73	41	200894	21.749	ug/l	92
15) Acrylonitrile	3.14	53	318040	106.641	ug/l	98
16) Acetone	2.44	43	317093	106.149	ug/l	96
17) Carbon Disulfide	2.57	76	287649	21.163	ug/l	98
18) Methyl Acetate	2.78	43	152769	22.090	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	337572	22.003	ug/l	99
20) Methylene Chloride	2.86	84	106578	21.396	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	97821	21.340	ug/l	91
22) Diisopropyl ether	3.85	45	399971	22.109	ug/l #	84
23) Vinyl Acetate	3.81	43	1733321	111.754	ug/l	98
24) 1,1-Dichloroethane	3.70	63	202197	21.731	ug/l	99
25) 2-Butanone	4.67	43	485221	110.038	ug/l	96
26) 2,2-Dichloropropane	4.58	77	151638	21.634	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	111977	21.428	ug/l	91
28) Bromochloromethane	5.02	49	79442	19.014	ug/l	82
29) Tetrahydrofuran	5.13	42	304353	110.410	ug/l	97
30) Chloroform	5.21	83	189894	21.818	ug/l	97
31) Cyclohexane	5.58	56	195247	22.347	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	156945	21.677	ug/l	96
36) 1,1-Dichloropropene	5.80	75	145950	22.233	ug/l	97
37) Ethyl Acetate	4.83	43	178414	22.991	ug/l	99
38) Carbon Tetrachloride	5.79	117	132165	22.596	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	180800	22.887	ug/l	93
40) Benzene	6.14	78	439424	22.616	ug/l	98
41) Methacrylonitrile	5.04	41	101106	23.228	ug/l	97
42) 1,2-Dichloroethane	6.20	62	158841	22.316	ug/l	96
43) Isopropyl Acetate	6.45	43	285134	22.923	ug/l	97
44) Trichloroethene	7.21	130	105753	22.260	ug/l	94
45) 1,2-Dichloropropane	7.51	63	122586	22.538	ug/l	99
46) Dibromomethane	7.66	93	71987	21.859	ug/l #	87
47) Bromodichloromethane	7.90	83	140908	22.451	ug/l	99
48) Methyl methacrylate	7.77	41	150861	22.810	ug/l	93
49) 1,4-Dioxane	7.74	88	52454	449.437	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	942520	117.208	ug/l	97
52) Toluene	8.78	92	264090	22.910	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	159680	21.160	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	176186	22.619	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	107237	23.026	ug/l	98
56) Ethyl methacrylate	9.18	69	180080	22.338	ug/l #	92
57) 1,3-Dichloropropane	9.37	76	188191	22.842	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	390479	102.330	ug/l	94
59) 2-Hexanone	9.49	43	731070	118.088	ug/l	96
60) Dibromochloromethane	9.58	129	102807	22.969	ug/l	98
61) 1,2-Dibromoethane	9.67	107	111321	22.891	ug/l	99
64) Tetrachloroethene	9.34	164	102965	22.386	ug/l	97
65) Chlorobenzene	10.13	112	279540	22.284	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	97146	22.211	ug/l	98
67) Ethyl Benzene	10.25	91	505078	22.848	ug/l	98
68) m/p-Xylenes	10.35	106	371869	45.795	ug/l	93
69) o-Xylene	10.69	106	179740	22.779	ug/l	93
70) Styrene	10.71	104	295049	23.009	ug/l	96
71) Bromoform	10.85	173	74535	21.110	ug/l #	100
73) Isopropylbenzene	11.02	105	493229	22.987	ug/l	98
74) N-amyl acetate	10.90	43	253882	22.583	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	168699	21.926	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	202363	29.888	ug/l	91
77) Bromobenzene	11.26	156	114217	22.016	ug/l	84
78) n-propylbenzene	11.36	91	577777	23.184	ug/l	95
79) 2-Chlorotoluene	11.42	91	340868	22.788	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	408018	23.017	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	51919	20.424	ug/l	91
82) 4-Chlorotoluene	11.51	91	389835	22.396	ug/l	95
83) tert-Butylbenzene	11.77	119	385192	22.759	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	412452	22.950	ug/l	97
85) sec-Butylbenzene	11.94	105	491372	23.444	ug/l	96
86) p-Isopropyltoluene	12.06	119	426848	23.528	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	208736	22.513	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	209404	21.835	ug/l	97
89) n-Butylbenzene	12.38	91	387661	22.766	ug/l	96
90) Hexachloroethane	12.60	117	69059	22.351	ug/l	86
91) 1,2-Dichlorobenzene	12.39	146	207516	22.198	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36575	21.402	ug/l	78

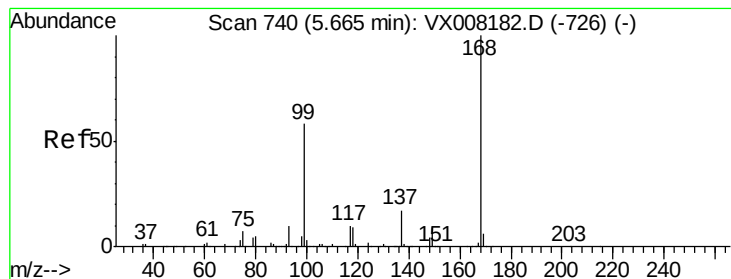
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	138116	22.430	ug/l	98
94) Hexachlorobutadiene	13.78	225	69729	23.218	ug/l	99
95) Naphthalene	13.83	128	441917	22.738	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	135314	22.333	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

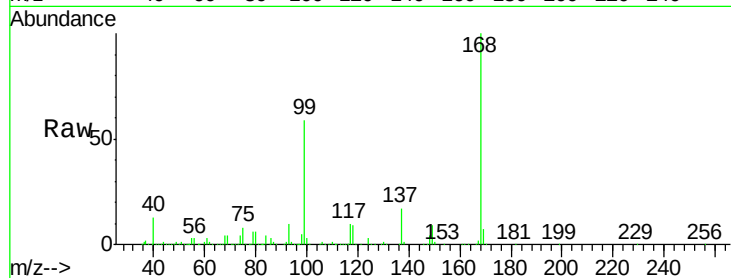
ClientSampleId :

Tot Ion:168 Resp: 349713

Ion Ratio Lower Upper

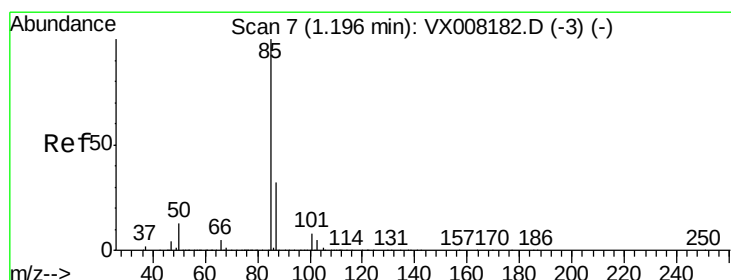
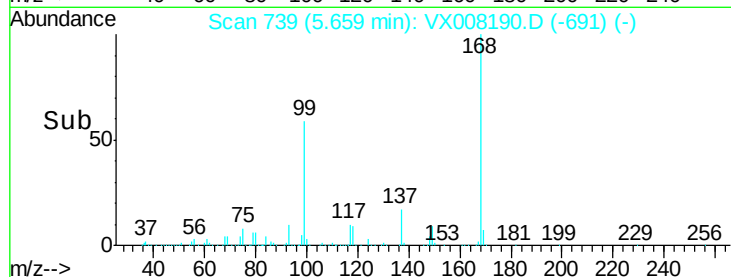
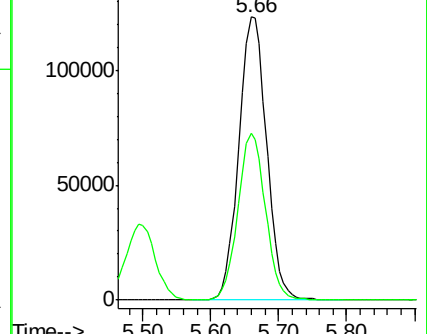
168 100

99 58.9 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 22.195 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008190.D

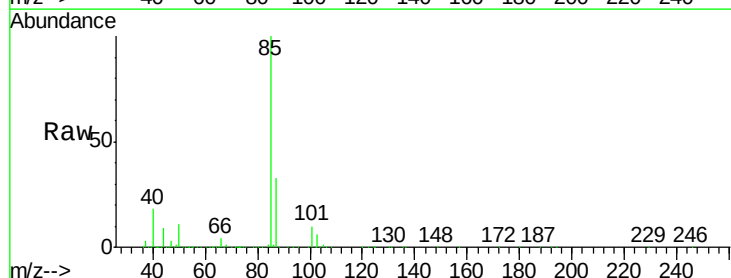
Acq: 19 Mar 2019 14:46

Tgt Ion: 85 Resp: 94106

Ion Ratio Lower Upper

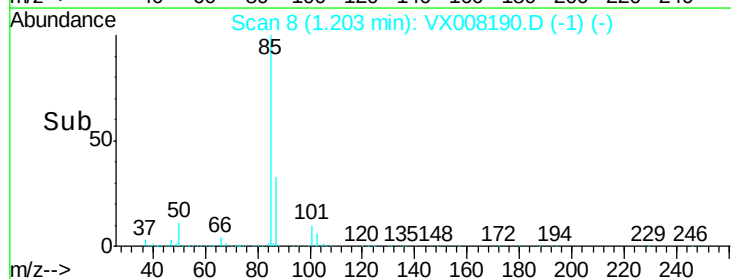
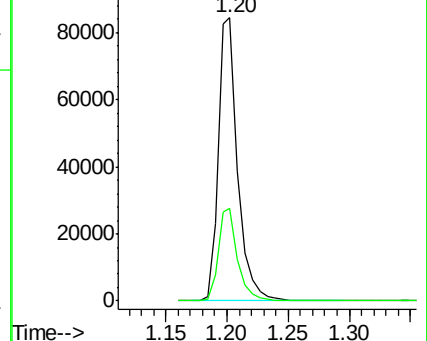
85 100

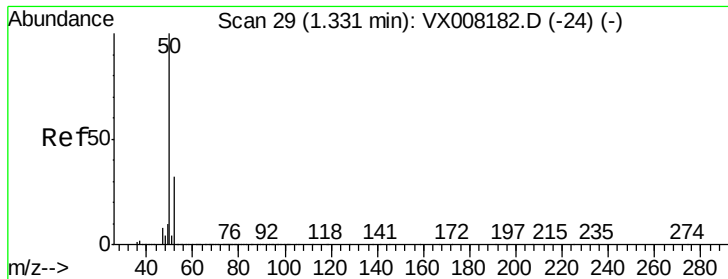
87 32.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.634 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

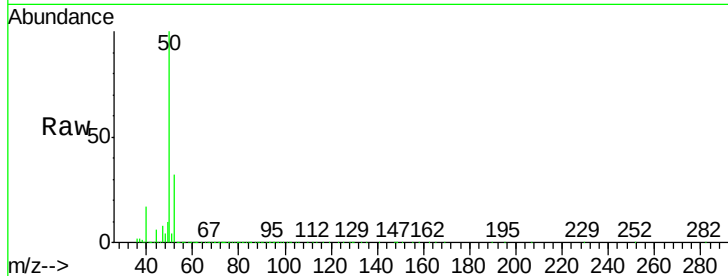
ClientSampled :

Tot Ion: 50 Resp: 109778

Ion Ratio Lower Upper

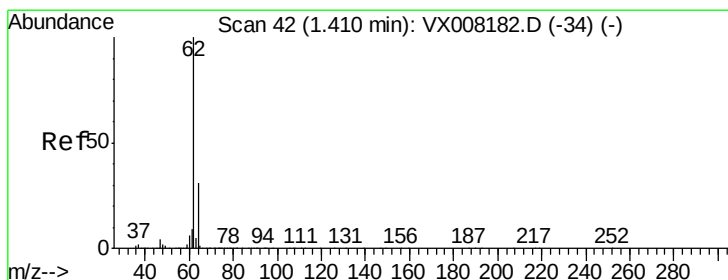
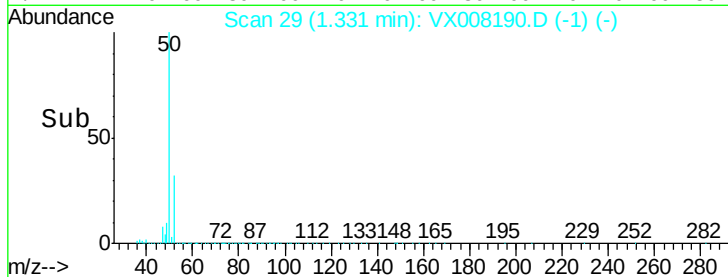
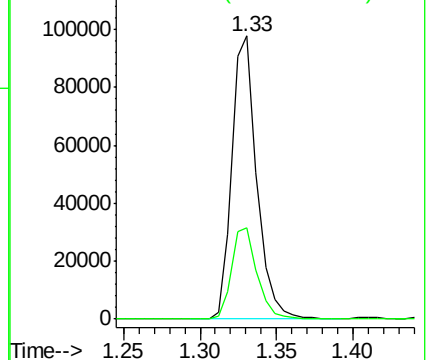
50 100

52 32.1 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.771 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008190.D

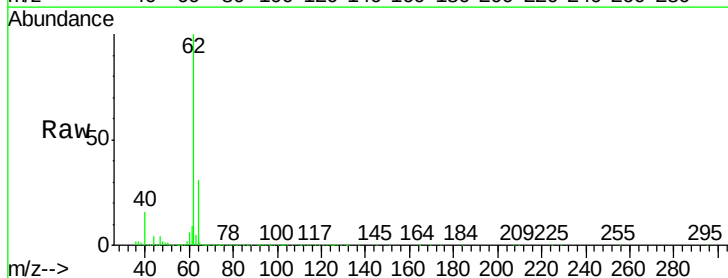
Acq: 19 Mar 2019 14:46

Tgt Ion: 62 Resp: 110177

Ion Ratio Lower Upper

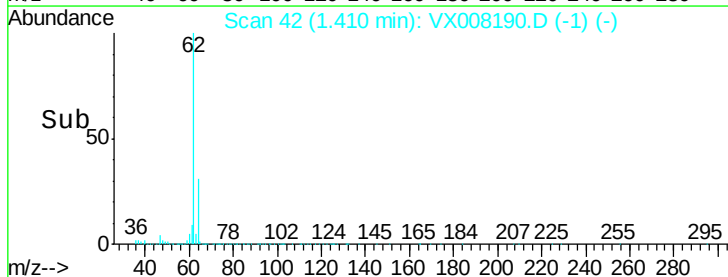
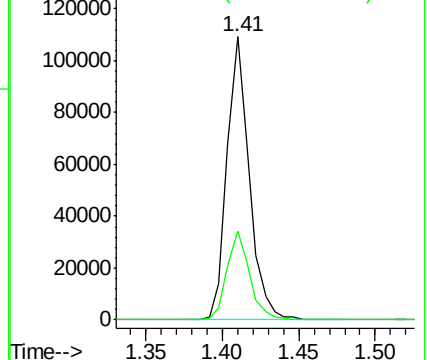
62 100

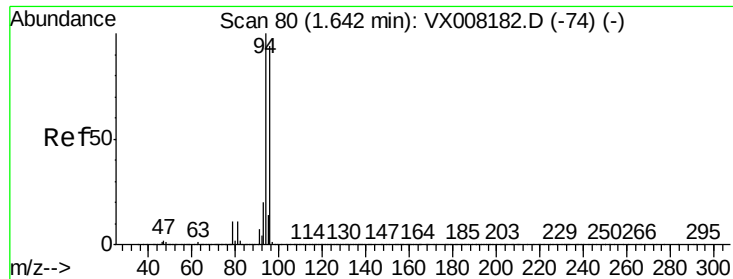
64 31.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.365 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

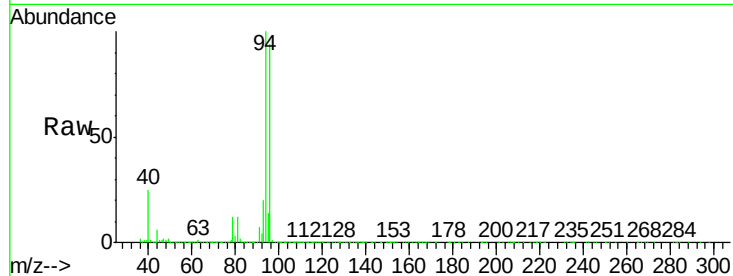
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 82984

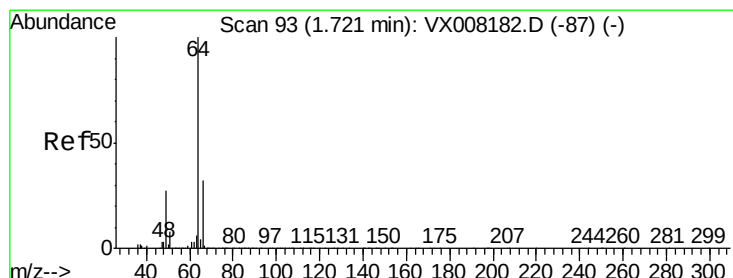
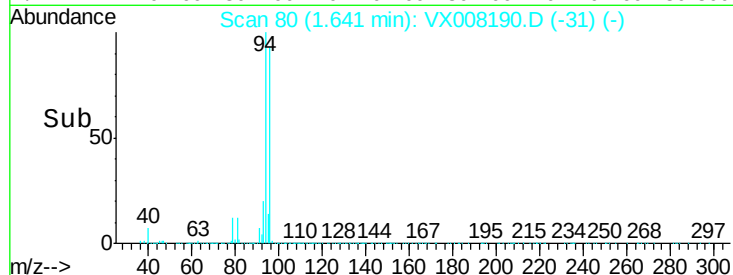
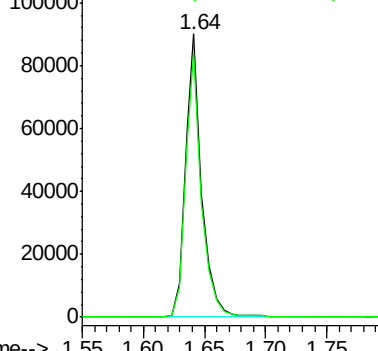
Ion Ratio Lower Upper

94 100

96 93.6 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.175 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX008190.D

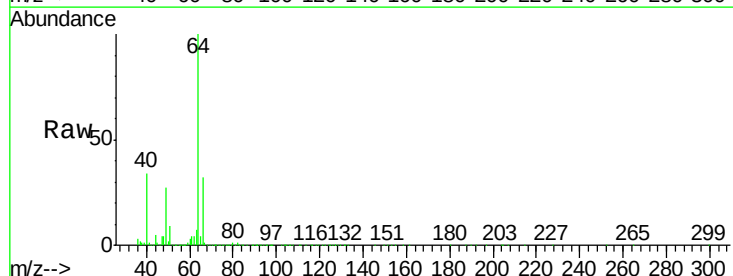
Acq: 19 Mar 2019 14:46

Tgt Ion: 64 Resp: 67101

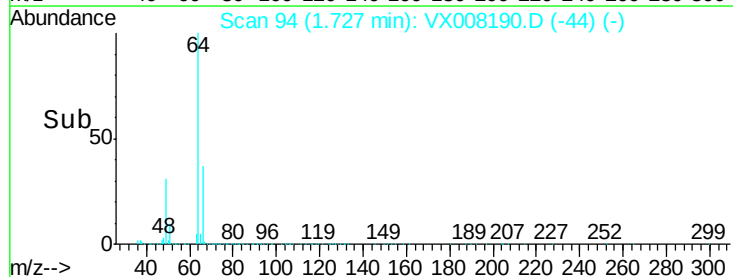
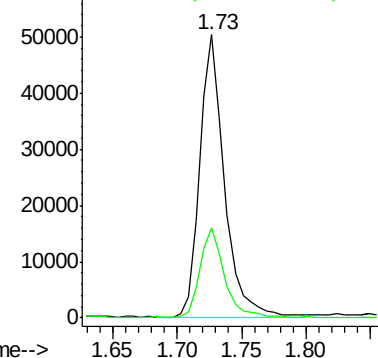
Ion Ratio Lower Upper

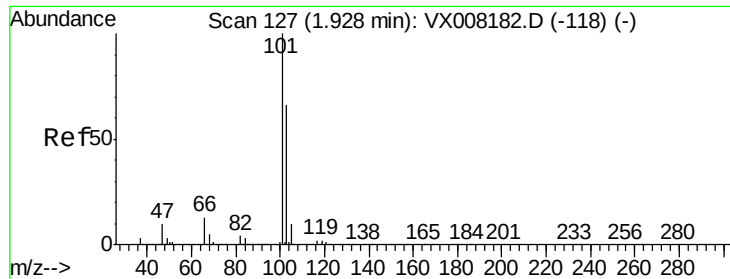
64 100

66 31.4 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



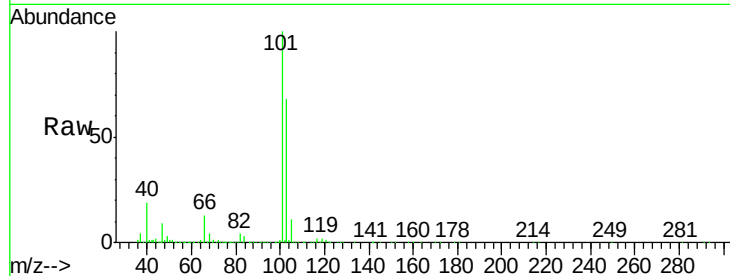


#7

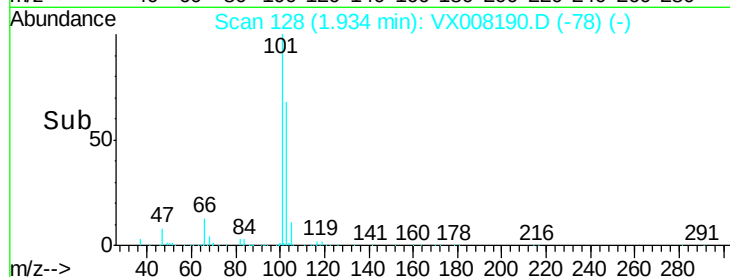
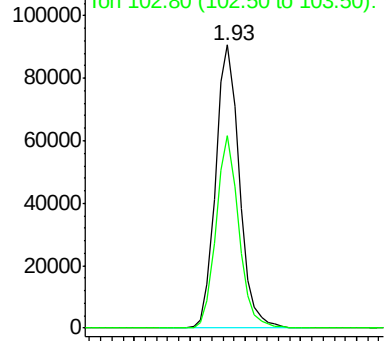
Trichlorofluoromethane
 Concen: 19.862 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX008190.D
 Acq: 19 Mar 2019 14:46

Instrument :
 MSVOA_X
 ClientSampled :

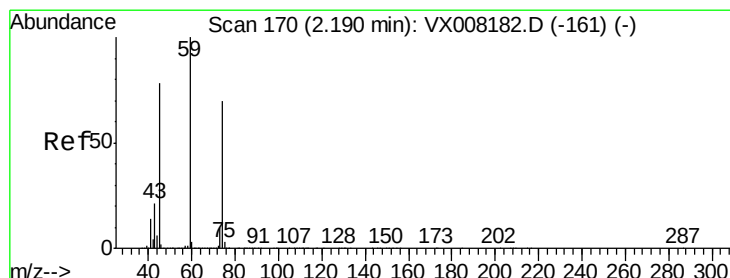
Tot Ion:101 Resp: 134456
 Ion Ratio Lower Upper
 101 100
 103 67.8 50.4 75.6



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



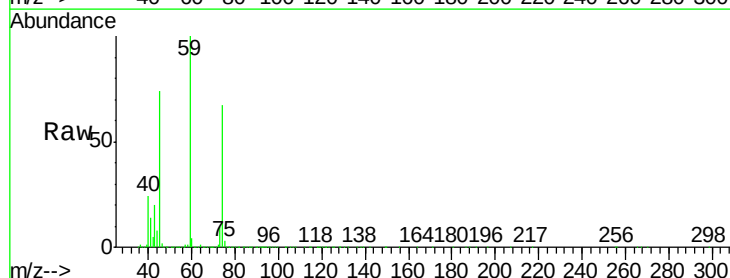
Time-->



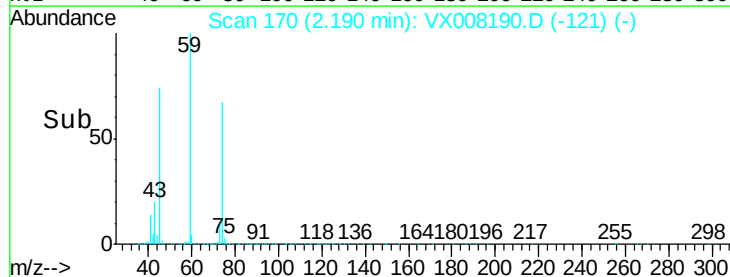
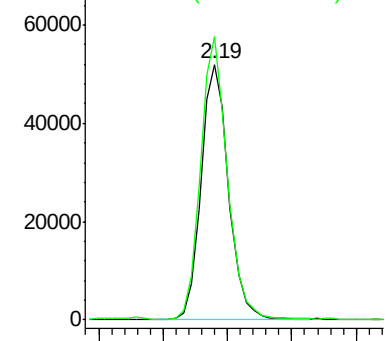
#8

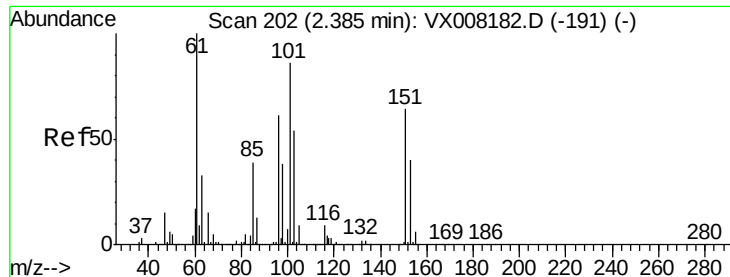
Diethyl Ether
 Concen: 22.049 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008190.D
 Acq: 19 Mar 2019 14:46

Tgt Ion: 74 Resp: 76795
 Ion Ratio Lower Upper
 74 100
 45 109.1 52.1 156.4



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.733 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

ClientSampleId :

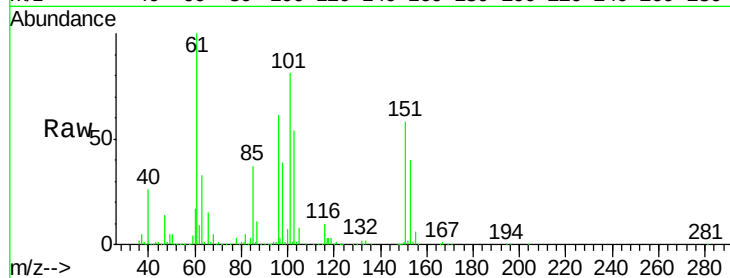
Tot Ion:101 Resp: 97681

Ion Ratio Lower Upper

101 100

85 46.0 33.8 50.6

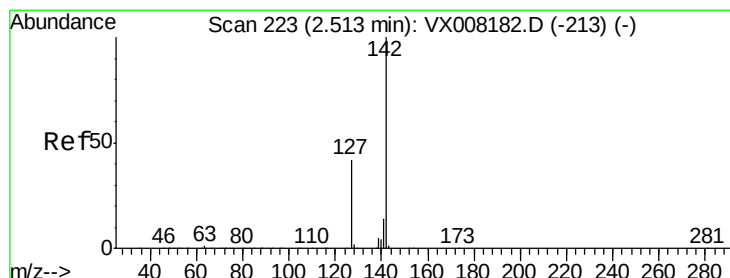
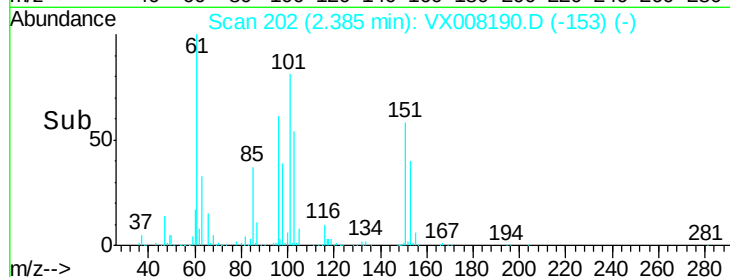
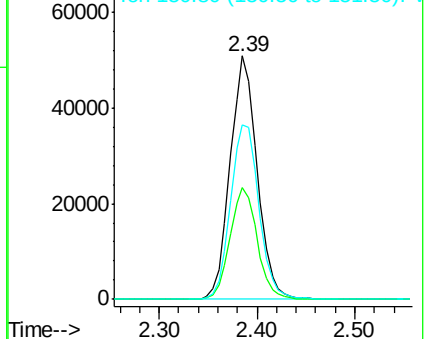
151 75.4 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.455 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

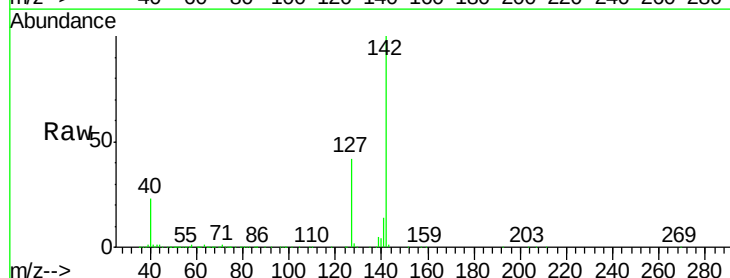
Tgt Ion:142 Resp: 122782

Ion Ratio Lower Upper

142 100

127 42.7 32.1 48.1

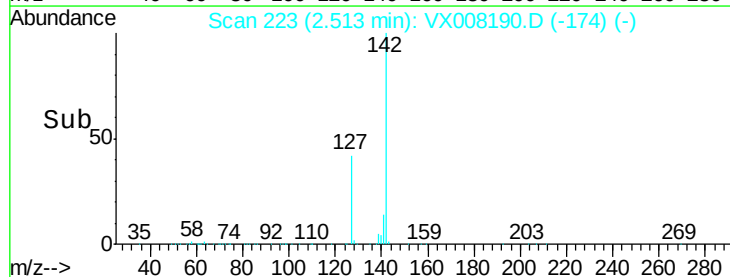
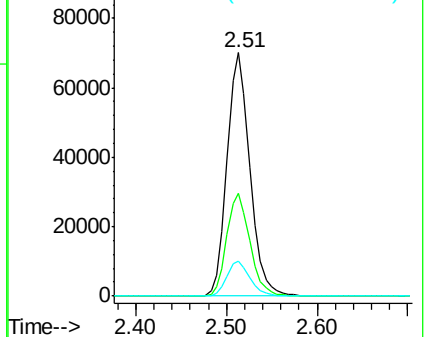
141 14.6 11.4 17.2

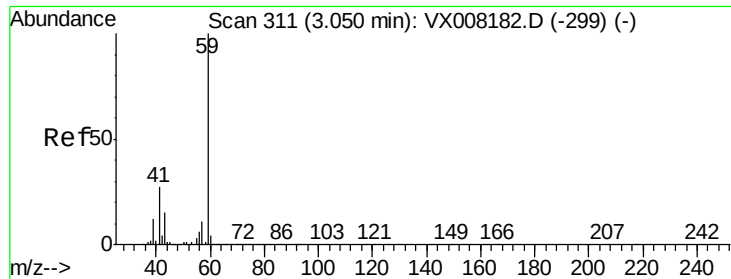


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

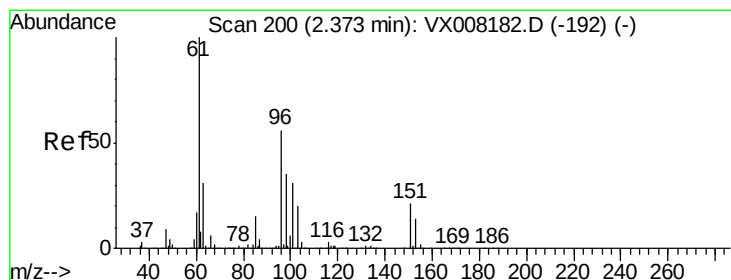
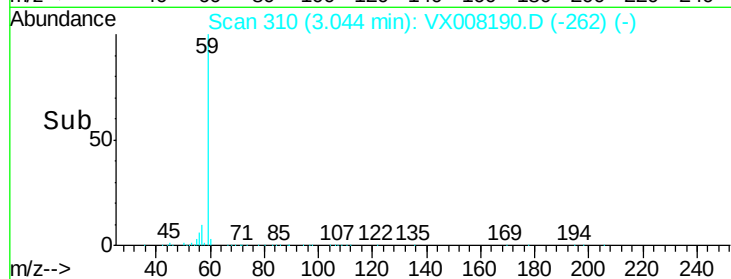
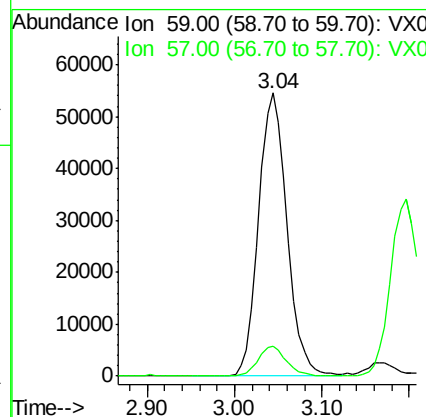
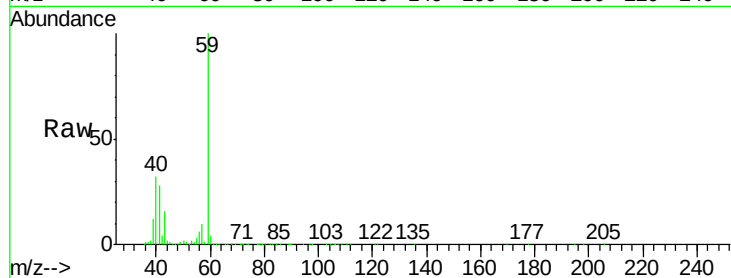




#11
Tert butyl alcohol
Concen: 109.635 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

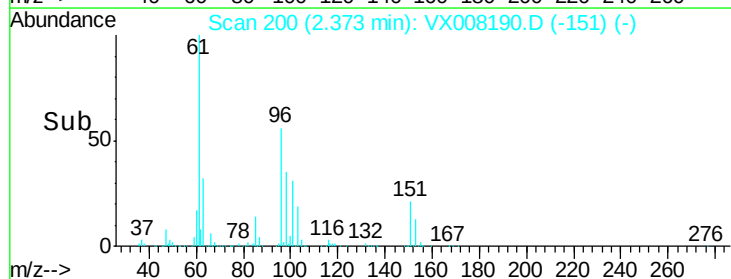
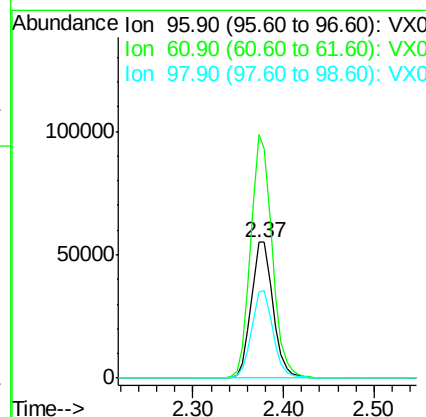
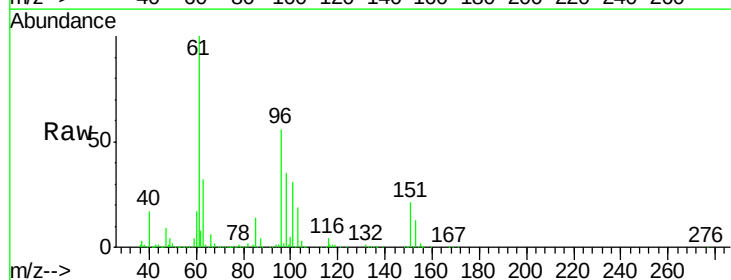
Instrument :
MSVOA_X
ClientSampled :

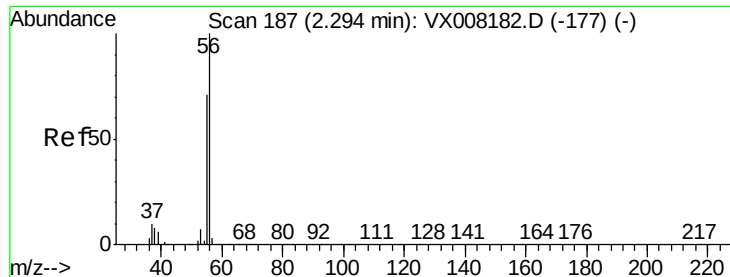
Tot Ion: 59 Resp: 123617
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 21.806 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion: 96 Resp: 92528
Ion Ratio Lower Upper
96 100
61 179.1 129.8 194.6
98 63.1 51.0 76.6





#13

Acrolein

Concen: 85.906 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

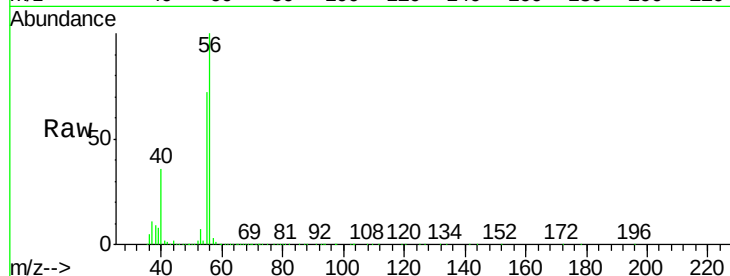
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 73647

Ion Ratio Lower Upper

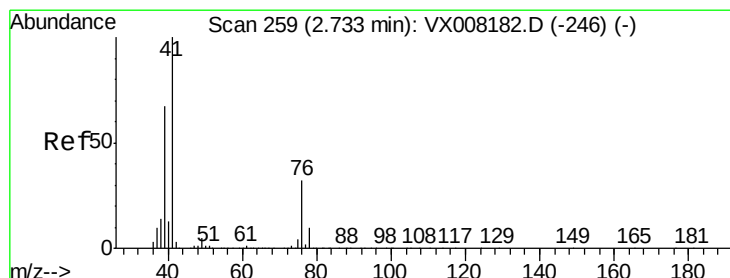
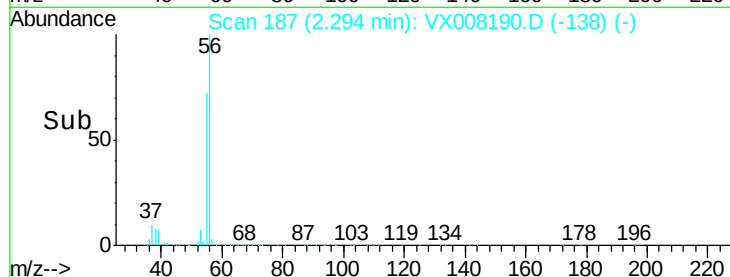
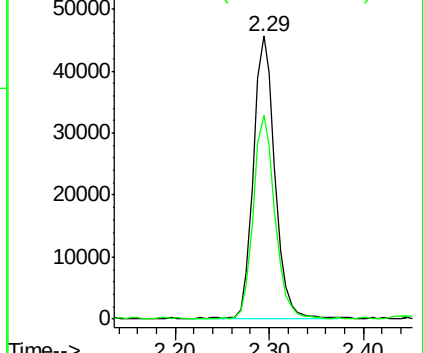
56 100

55 71.9 57.8 86.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 21.749 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

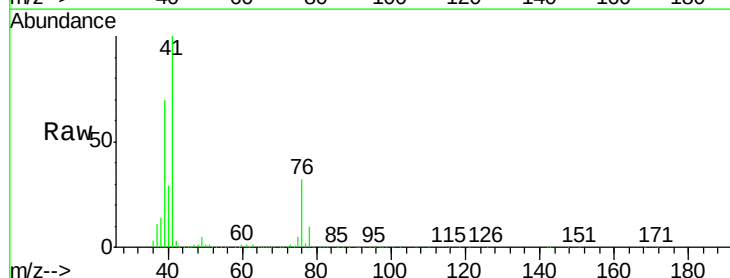
Tgt Ion: 41 Resp: 200894

Ion Ratio Lower Upper

41 100

39 66.1 46.1 69.1

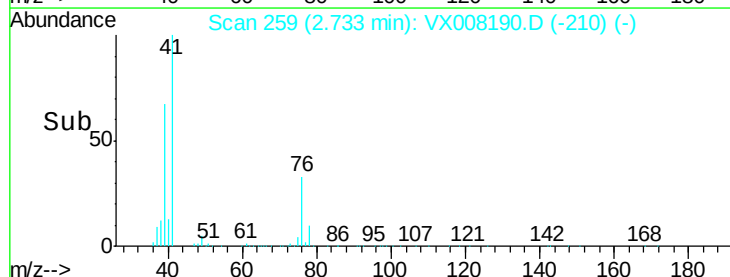
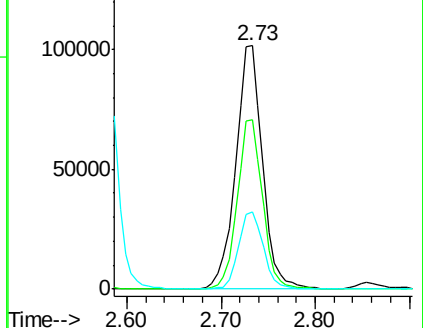
76 29.3 24.0 36.0

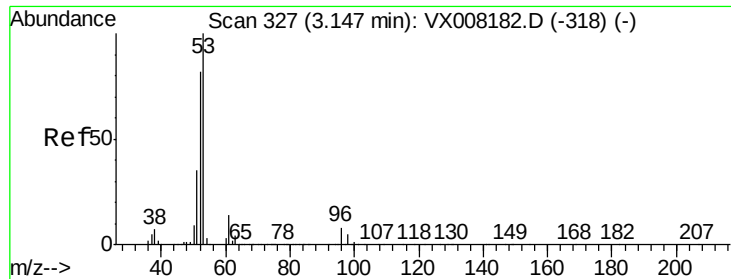


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 106.641 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

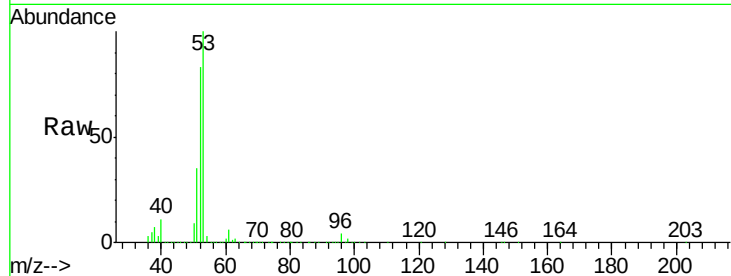
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 318040

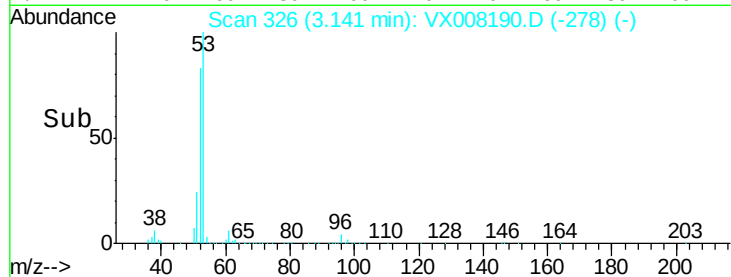
Ion	Ratio	Lower	Upper
53	100		
52	84.1	66.0	99.0
51	36.4	28.0	42.0



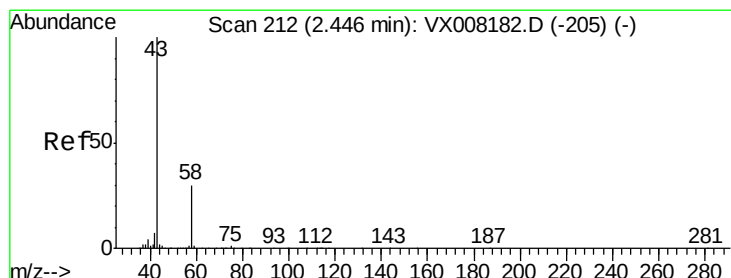
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 106.149 ug/l

RT: 2.44 min Scan# 211

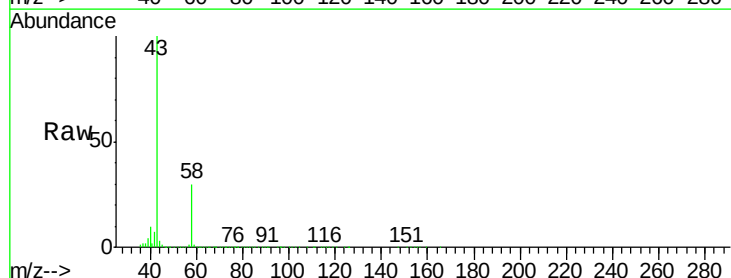
Delta R.T. -0.01 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

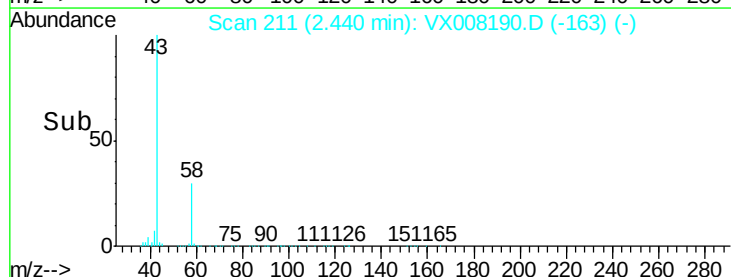
Tgt Ion: 43 Resp: 317093

Ion	Ratio	Lower	Upper
43	100		
58	29.6	25.5	38.3

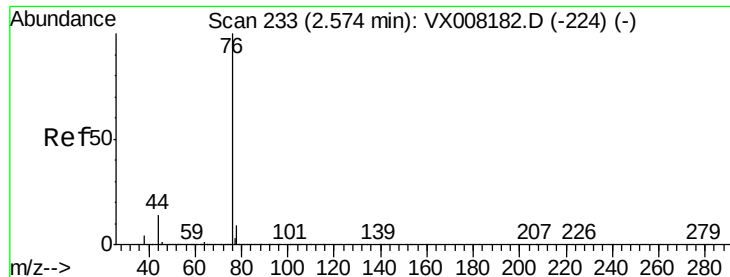


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#17

Carbon Disulfide

Concen: 21.163 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

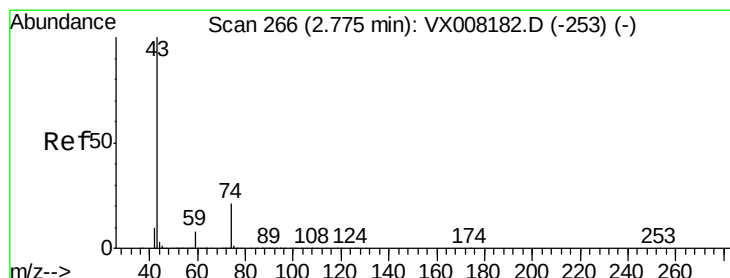
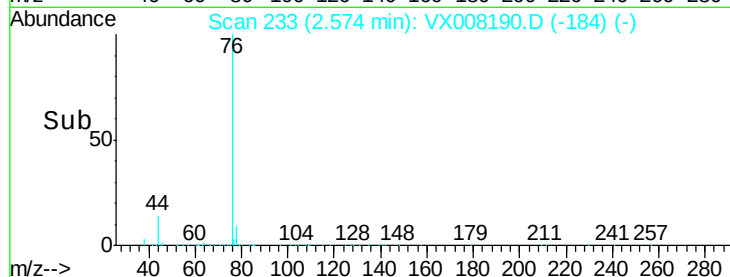
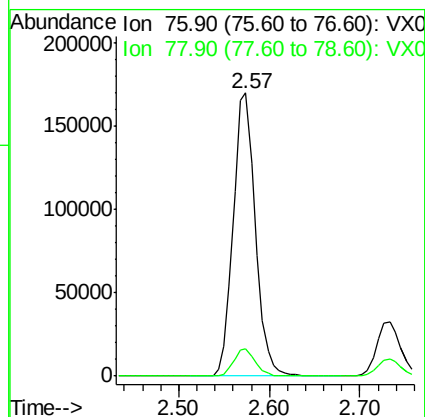
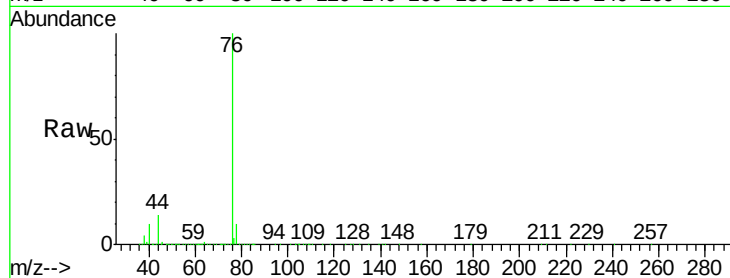
ClientSampleId :

Tot Ion: 76 Resp: 287649

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8



#18

Methyl Acetate

Concen: 22.090 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008190.D

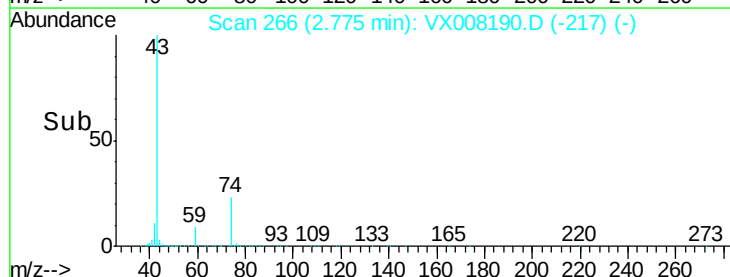
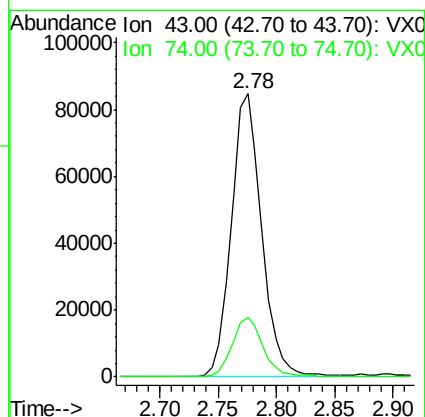
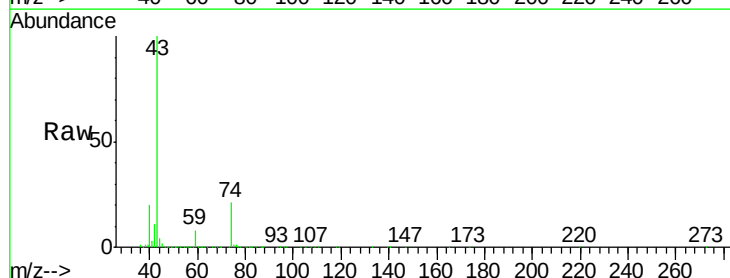
Acq: 19 Mar 2019 14:46

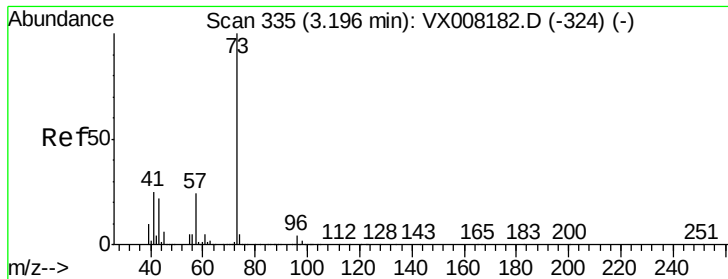
Tgt Ion: 43 Resp: 152769

Ion Ratio Lower Upper

43 100

74 21.3 17.8 26.6



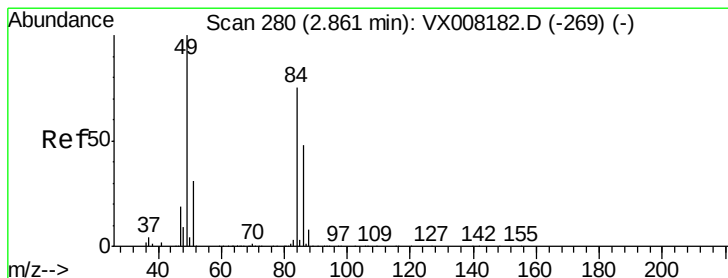
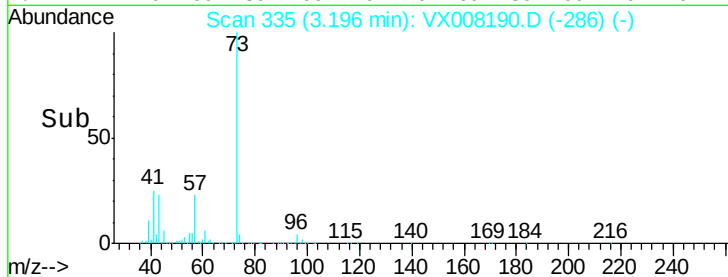
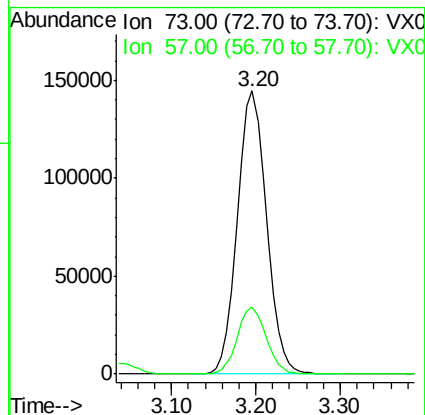
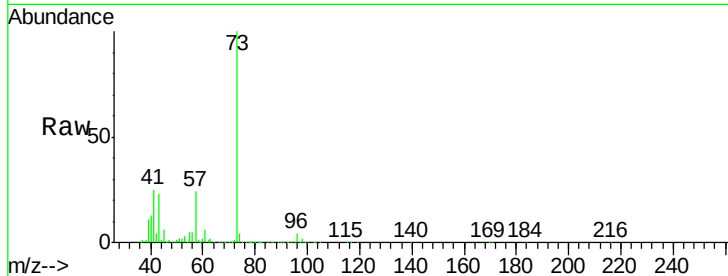


#19

Methvl tert-butvl Ether
 Concen: 22.003 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX008190.D
 Acq: 19 Mar 2019 14:46

Instrument :
 MSVOA_X
 ClientSampleId :

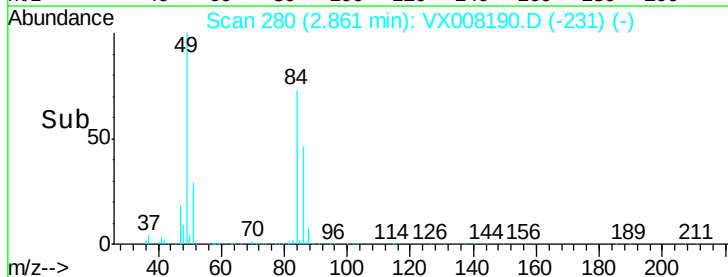
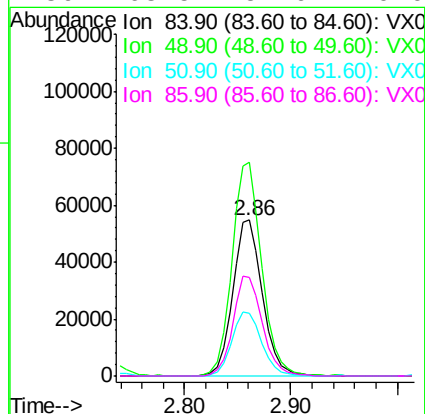
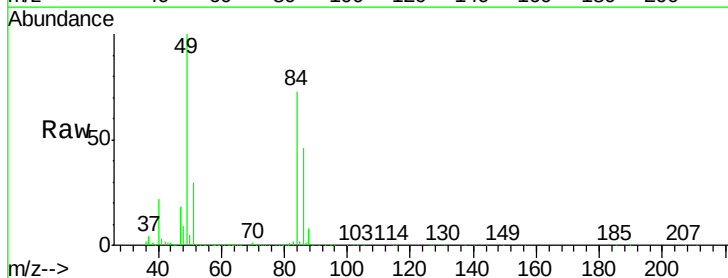
Tot Ion: 73 Resp: 337572
 Ion Ratio Lower Upper
 73 100
 57 23.5 18.2 27.4

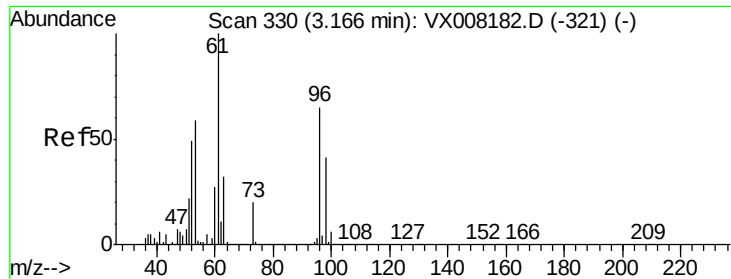


#20

Methylene Chloride
 Concen: 21.396 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX008190.D
 Acq: 19 Mar 2019 14:46

Tgt Ion: 84 Resp: 106578
 Ion Ratio Lower Upper
 84 100
 49 136.7 99.3 148.9
 51 40.4 31.3 46.9
 86 63.5 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 21.340 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :
MSVOA_X
ClientSampleId :

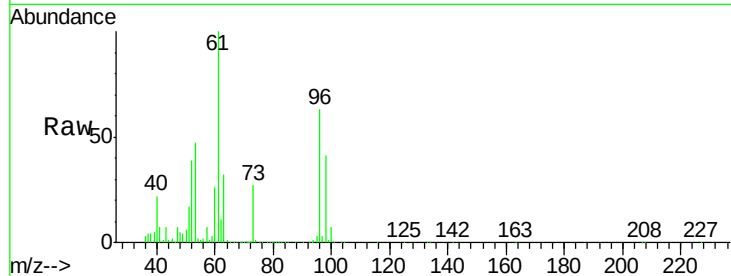
Tot Ion: 96 Resp: 97821

Ion Ratio Lower Upper

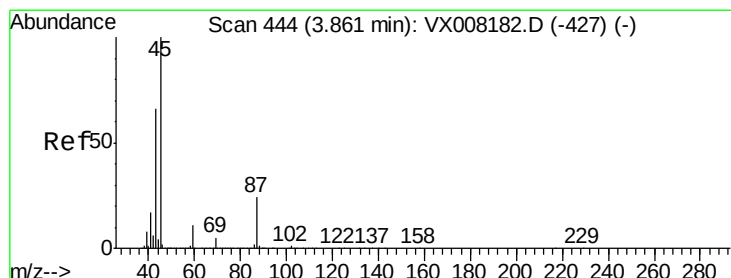
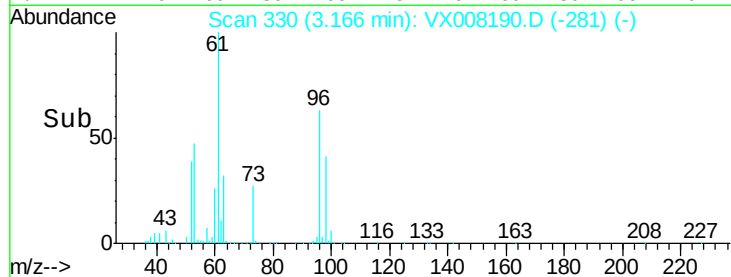
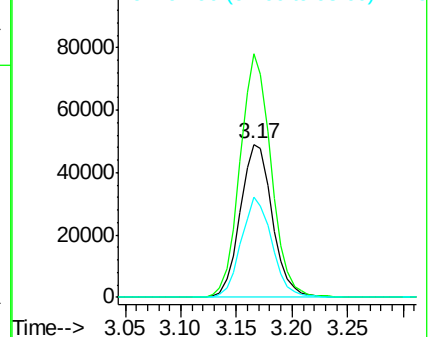
96 100

61 158.4 114.4 171.6

98 65.6 51.1 76.7



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



#22

Diisopropyl ether

Concen: 22.109 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Tgt Ion: 45 Resp: 399971

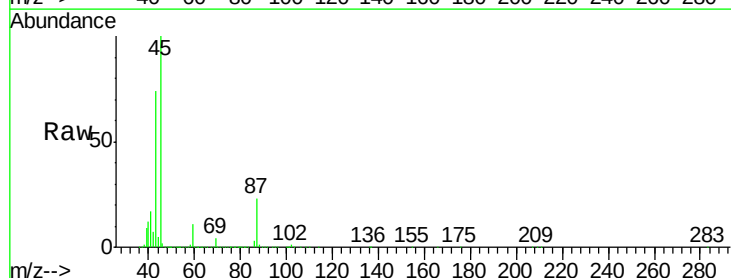
Ion Ratio Lower Upper

45 100

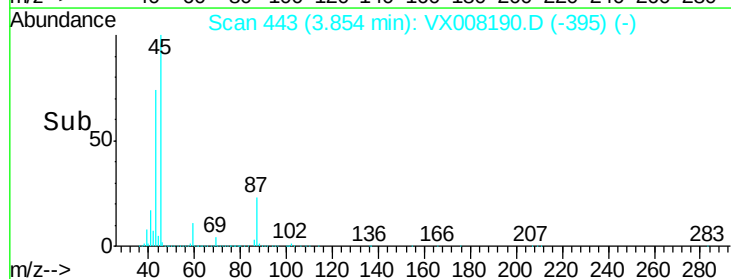
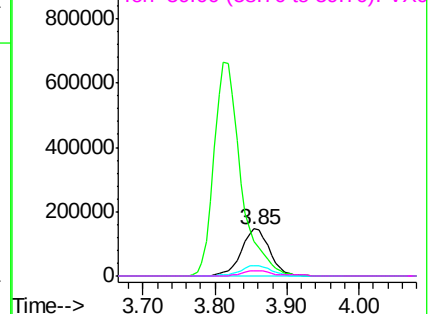
43 73.7 45.3 67.9#

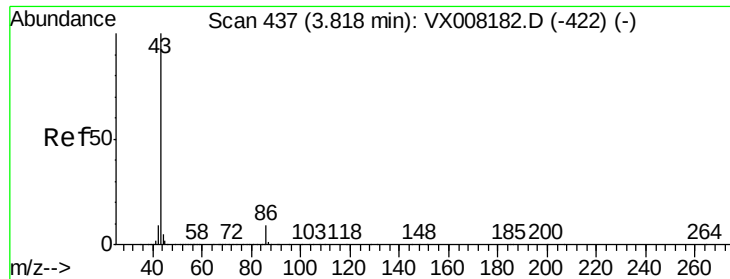
87 22.9 21.4 32.0

59 11.0 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 111.754 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

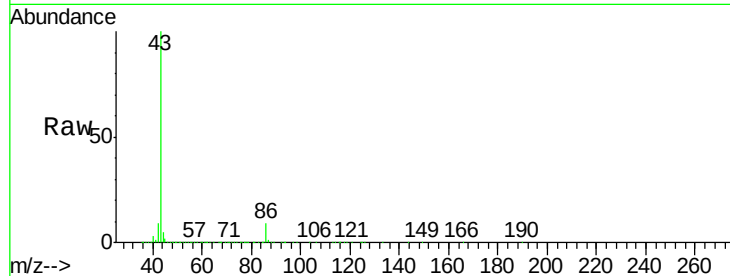
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1733321

Ion Ratio Lower Upper

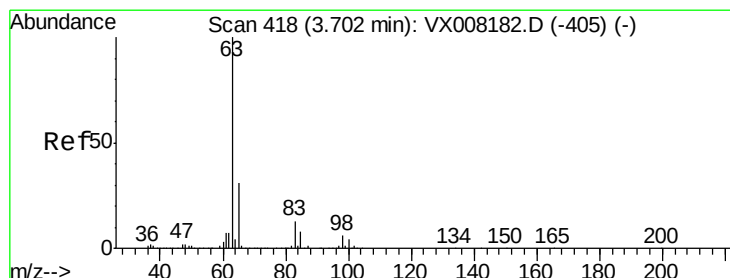
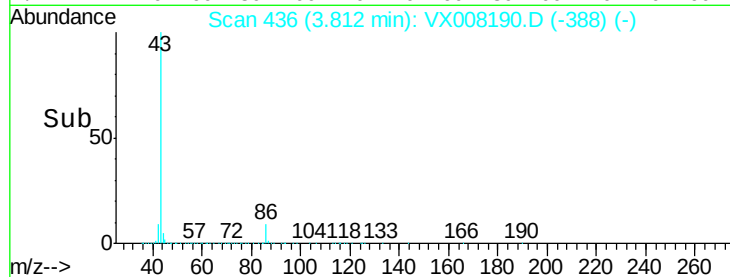
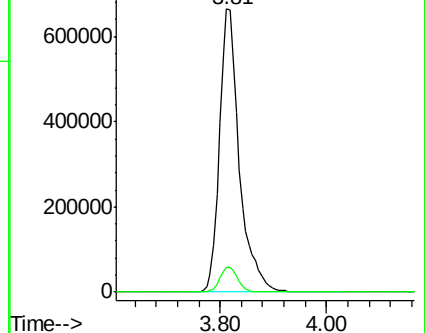
43 100

86 9.0 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.731 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.01 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

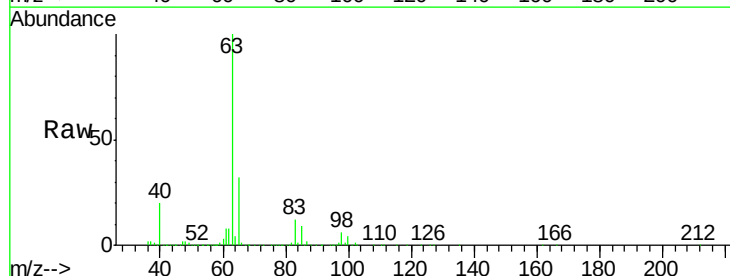
Tgt Ion: 63 Resp: 202197

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

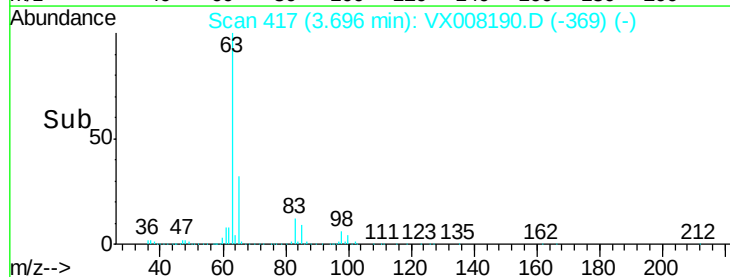
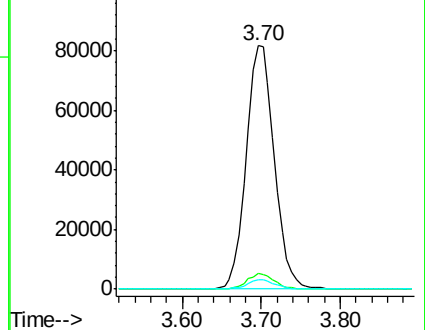
100 4.0 2.3 6.8

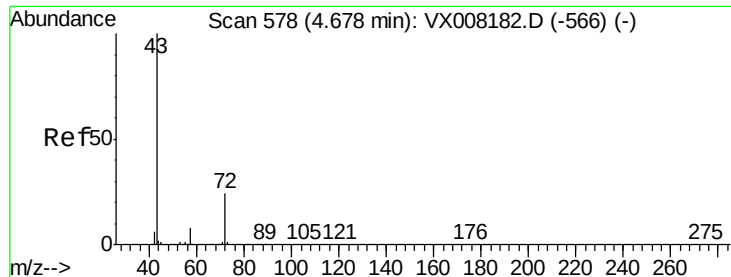


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 110.038 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

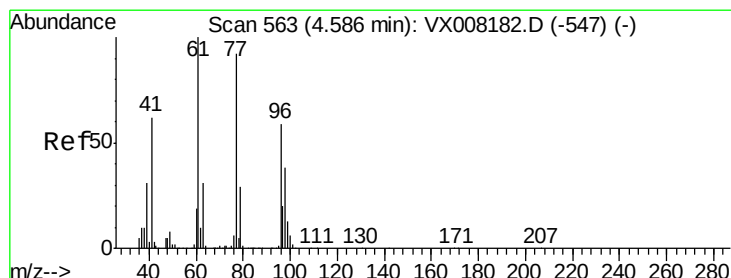
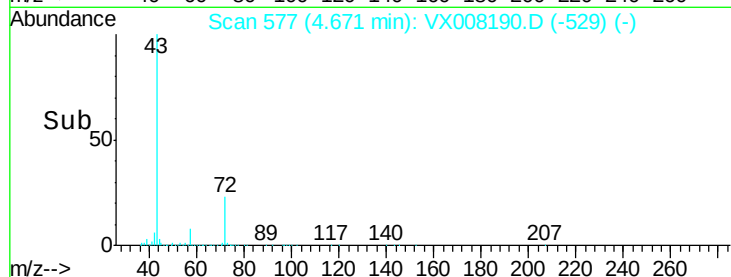
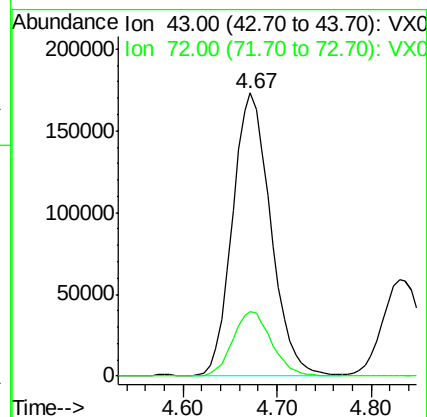
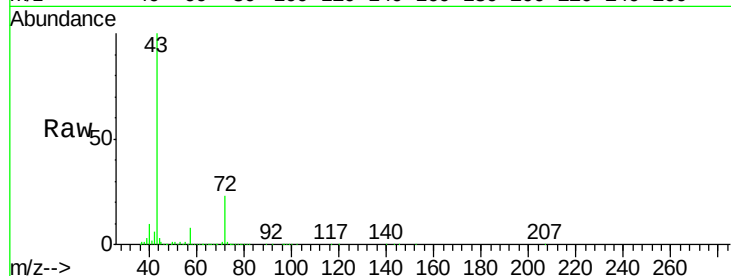
ClientSampleId :

Tot Ion: 43 Resp: 485221

Ion Ratio Lower Upper

43 100

72 22.8 19.9 29.9



#26

2,2-Dichloropropane

Concen: 21.634 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008190.D

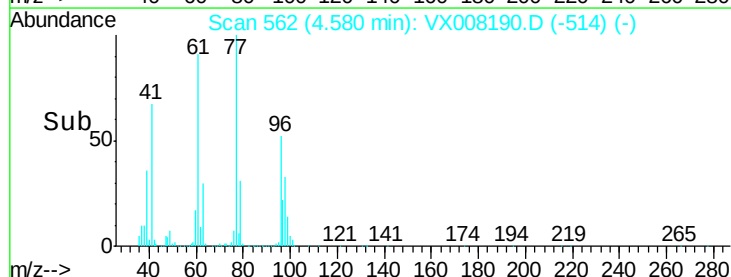
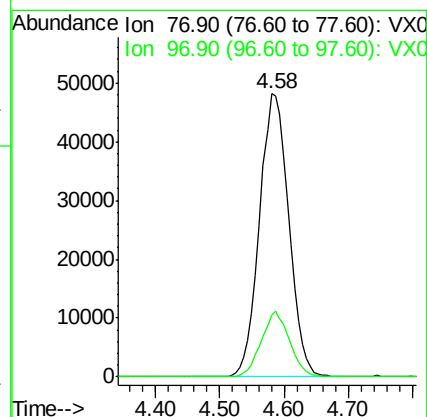
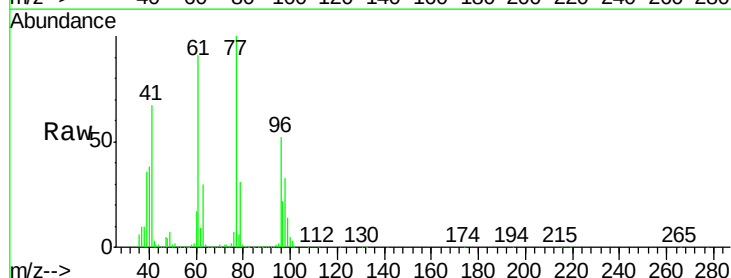
Acq: 19 Mar 2019 14:46

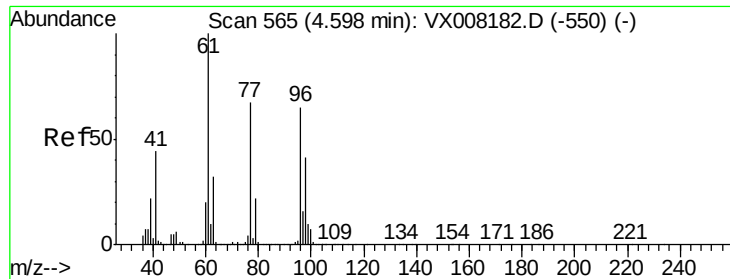
Tgt Ion: 77 Resp: 151638

Ion Ratio Lower Upper

77 100

97 22.4 12.2 36.6



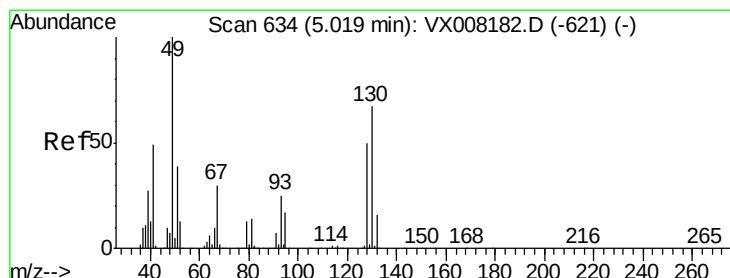
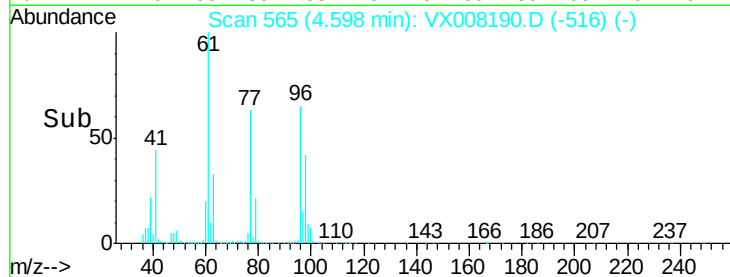
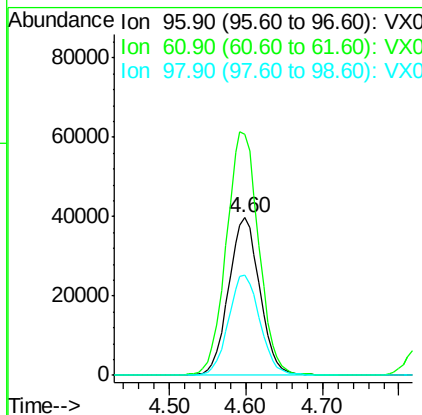
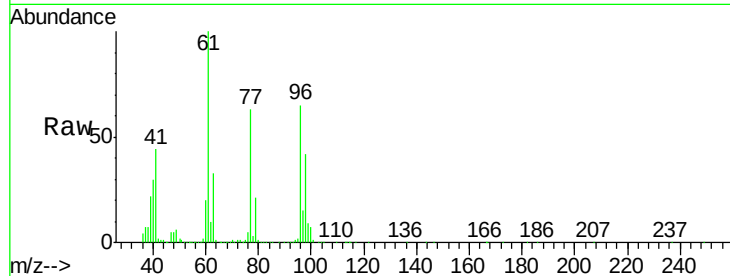


#27

cis-1,2-Dichloroethene
Concen: 21.428 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Instrument :
MSVOA_X
ClientSampleId :

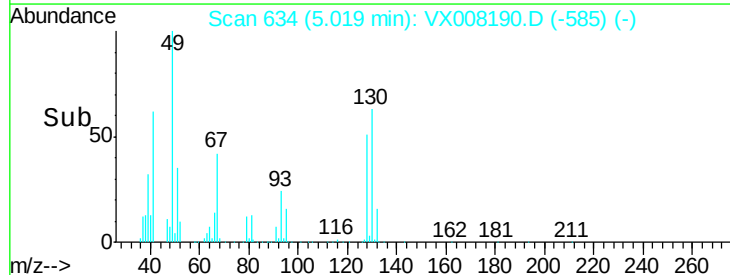
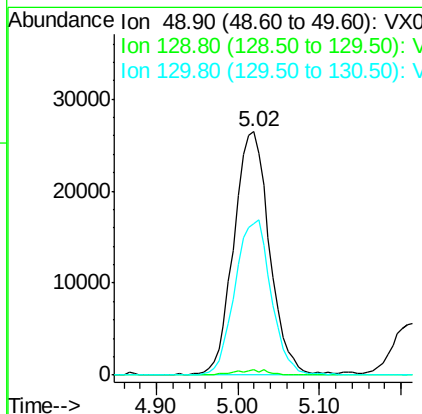
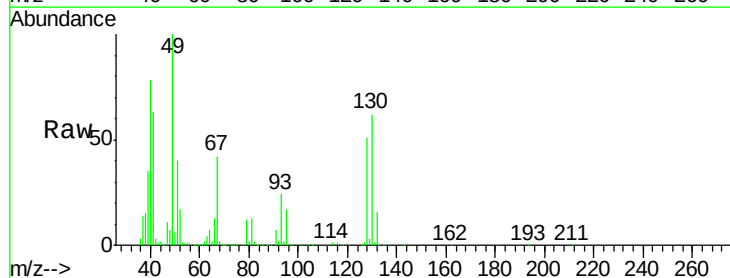
Tot Ion	Ratio	Lower	Upper
96	100		
61	160.8	0.0	288.0
98	64.4	0.0	129.0

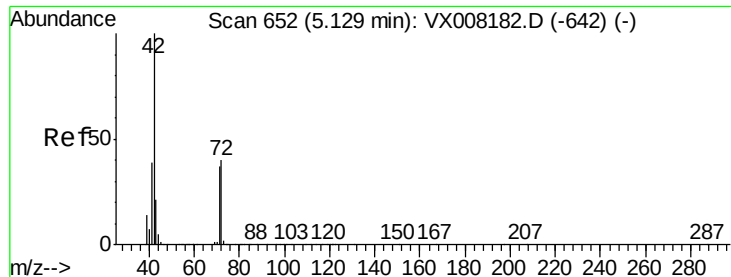


#28

Bromochloromethane
Concen: 19.014 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	65.1	65.0	97.4

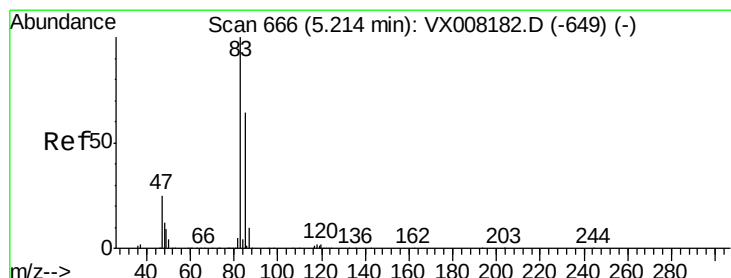
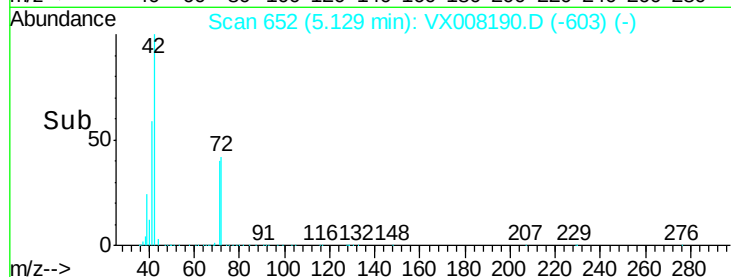
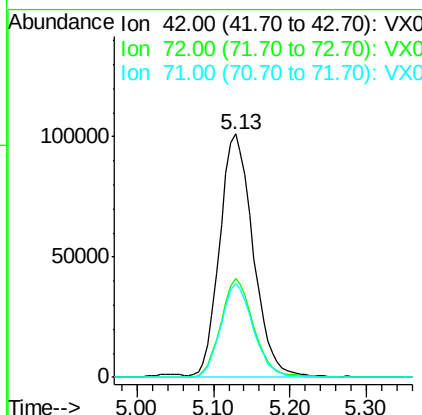
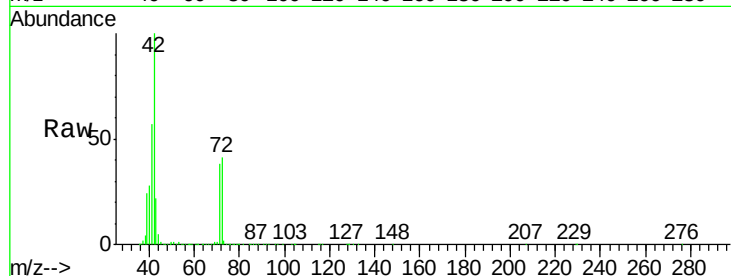




#29
Tetrahydrofuran
Concen: 110.410 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

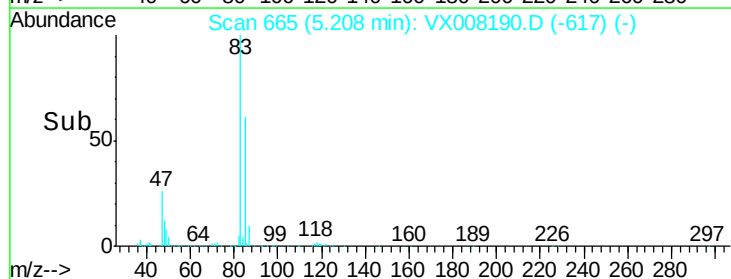
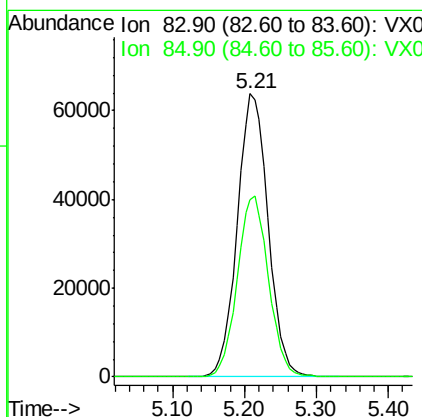
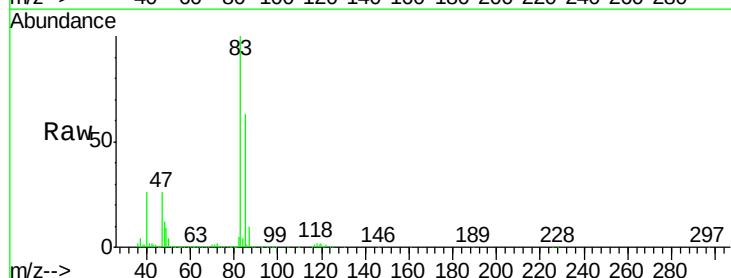
Instrument :
MSVOA_X
ClientSampleId :

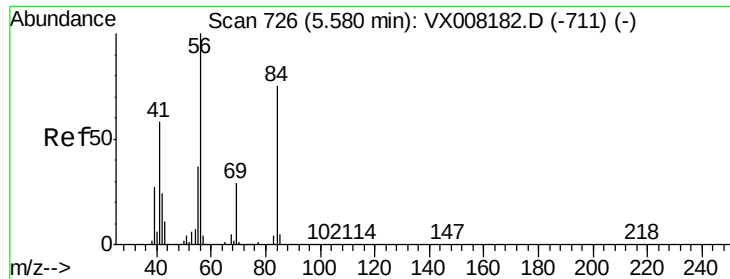
Tot Ion: 42 Resp: 304353
Ion Ratio Lower Upper
42 100
72 40.1 33.8 50.6
71 37.4 31.5 47.3



#30
Chloroform
Concen: 21.818 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion: 83 Resp: 189894
Ion Ratio Lower Upper
83 100
85 62.5 51.8 77.6

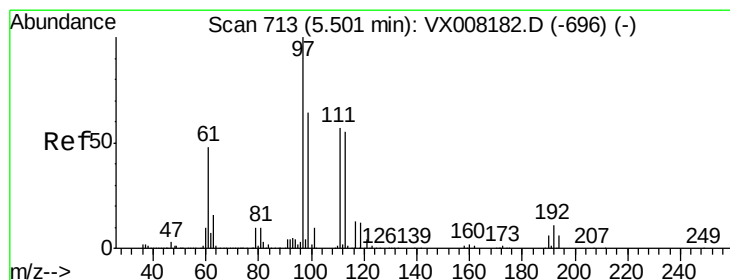
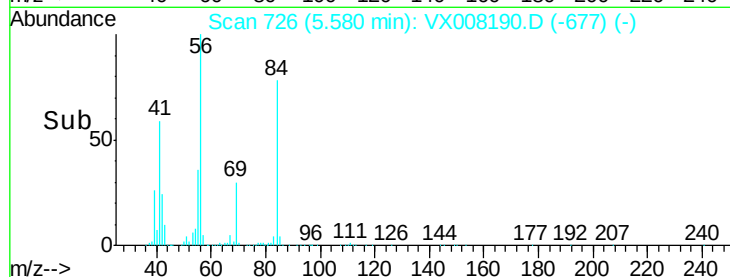
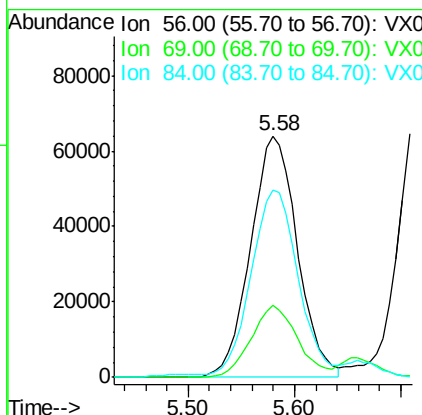
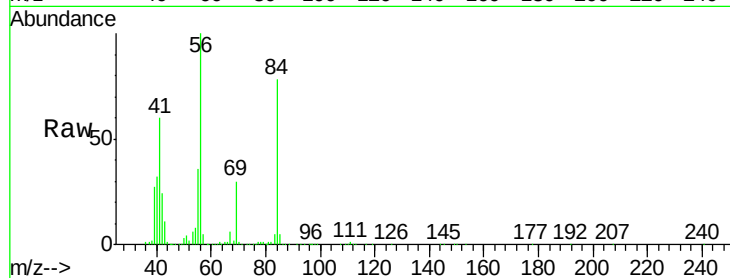




#31
Cyclohexane
Concen: 22.347 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

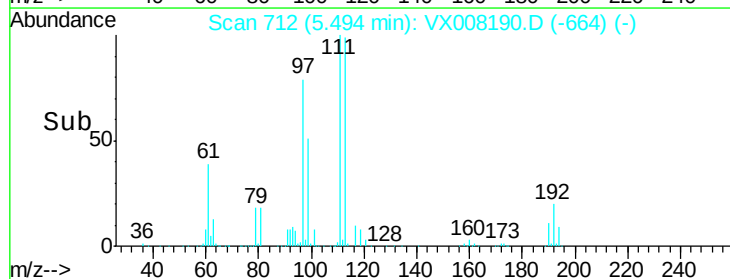
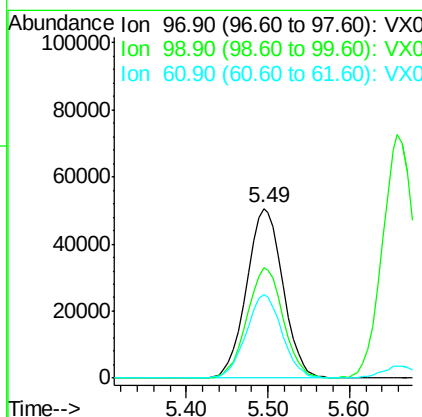
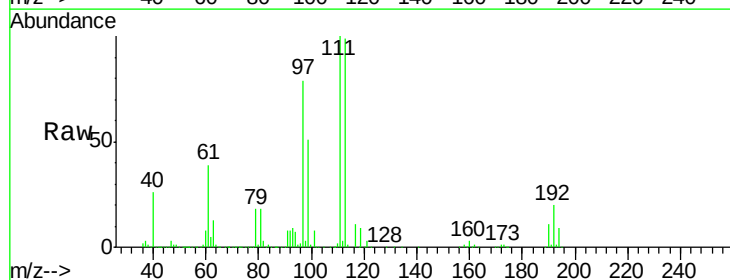
Instrument :
MSVOA_X
ClientSampleId :

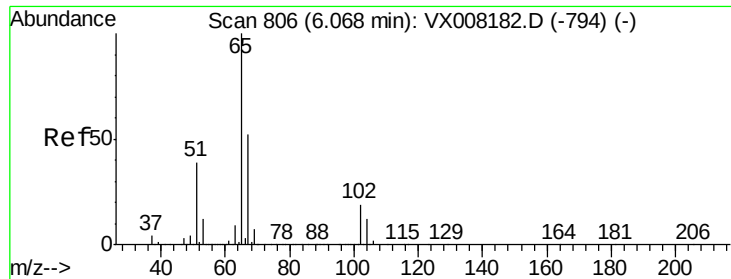
Tot Ion: 56 Resp: 195247
Ion Ratio Lower Upper
56 100
69 29.9 24.0 36.0
84 76.1 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 21.677 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion: 97 Resp: 156945
Ion Ratio Lower Upper
97 100
99 64.5 52.2 78.2
61 48.8 34.9 52.3

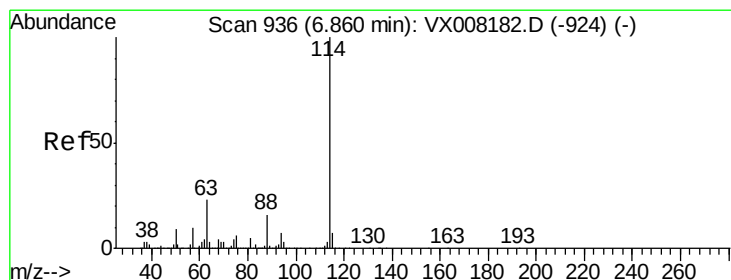
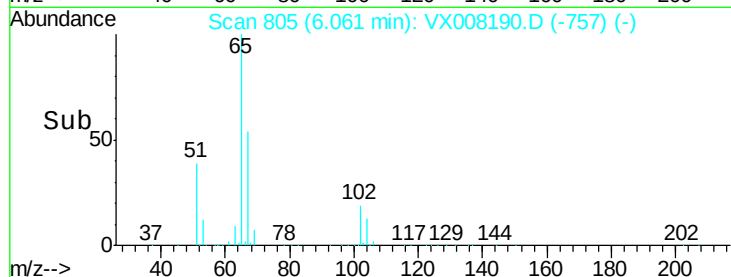
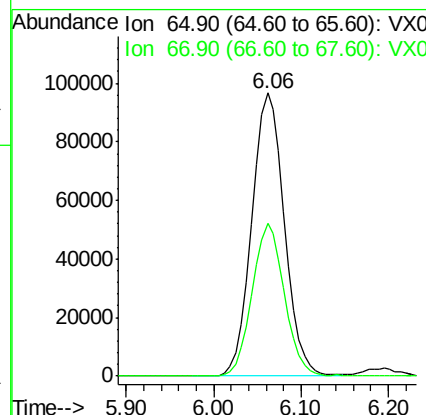
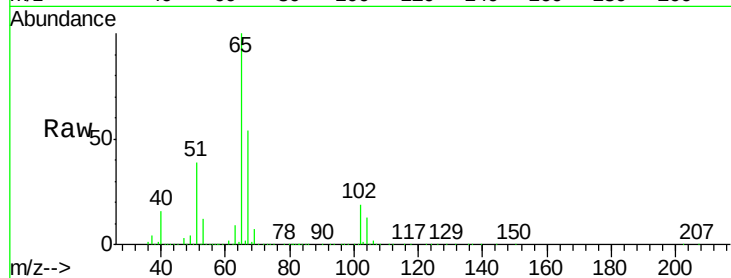




#33
 1,2-Dichloroethane-d4
 Concen: 47.464 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX008190.D
 Acq: 19 Mar 2019 14:46

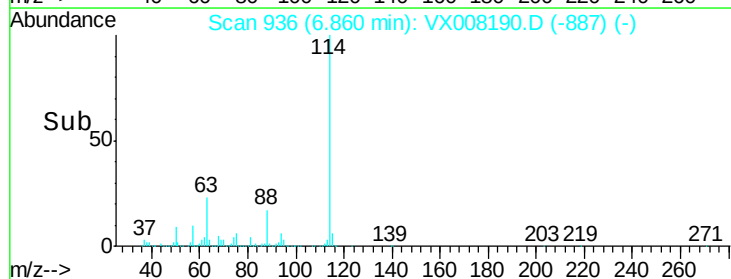
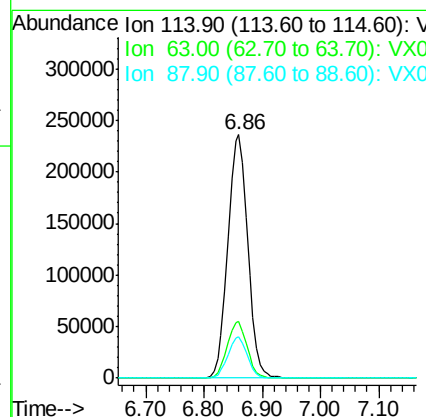
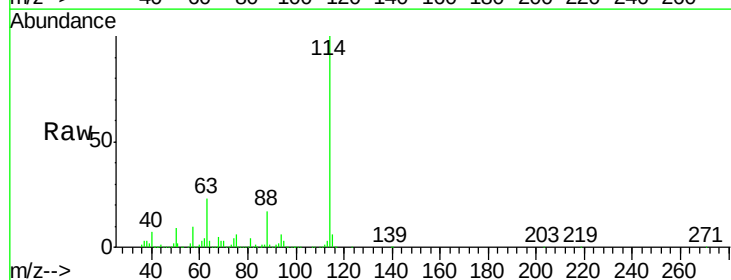
Instrument :
 MSVOA_X
 ClientSampled :

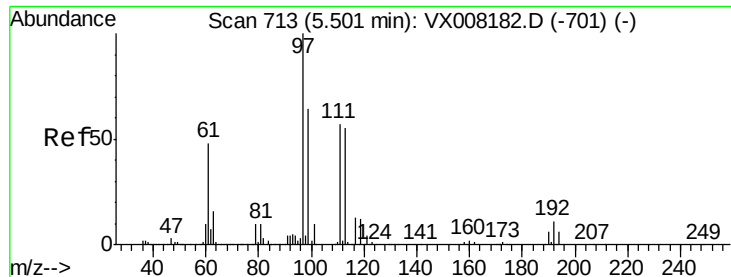
Tot Ion: 65 Resp: 249990
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008190.D
 Acq: 19 Mar 2019 14:46

Tgt Ion: 114 Resp: 563844
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 39.8
 88 16.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.638 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

ClientSampled :

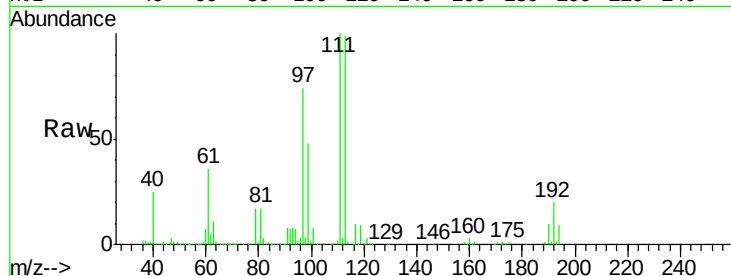
Tot Ion:113 Resp: 187363

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

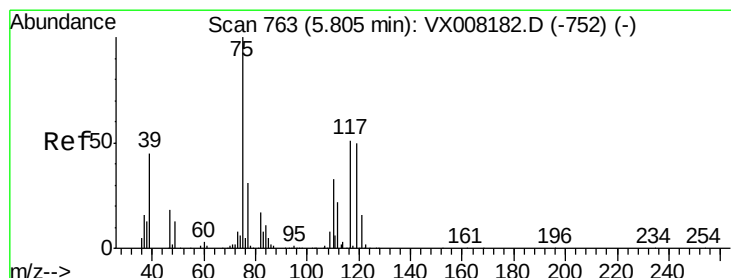
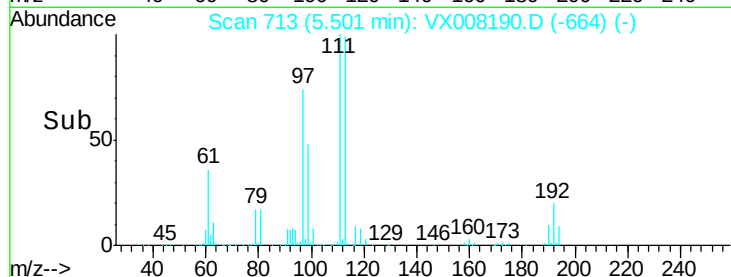
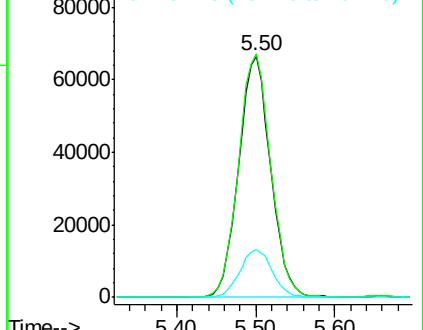
192 20.2 19.4 29.0



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: 22.233 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

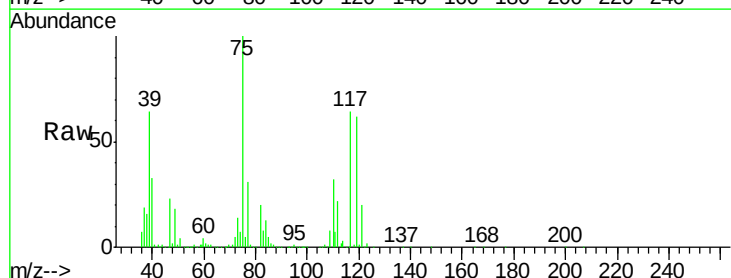
Tgt Ion: 75 Resp: 145950

Ion Ratio Lower Upper

75 100

110 33.9 18.4 55.0

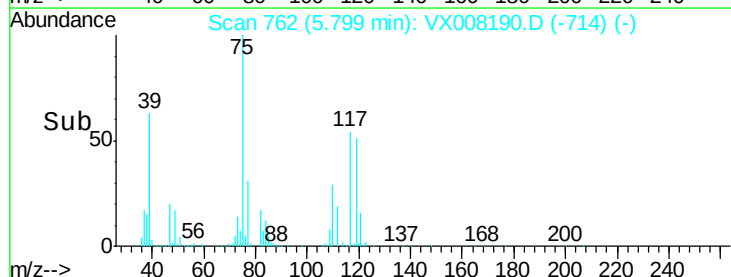
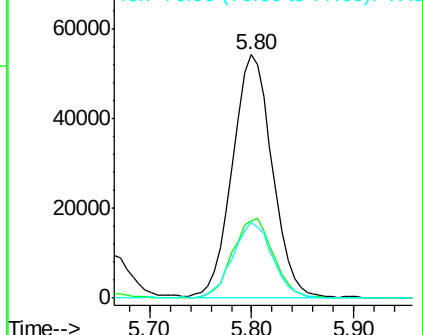
77 30.9 25.0 37.4

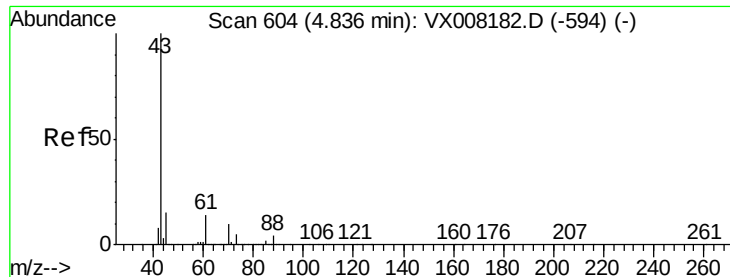


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

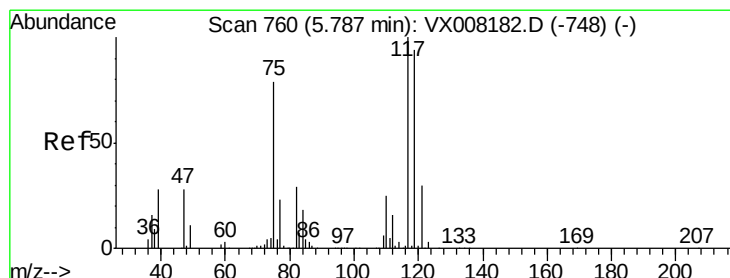
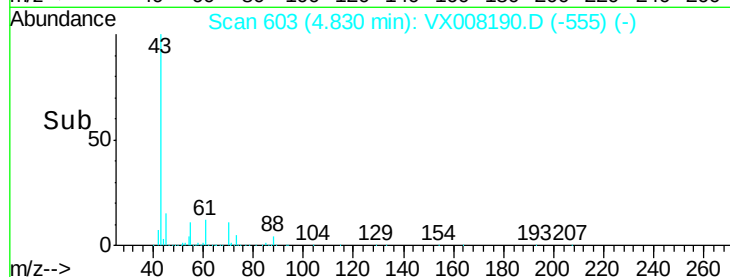
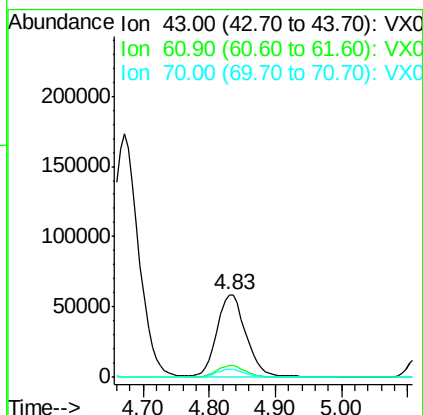
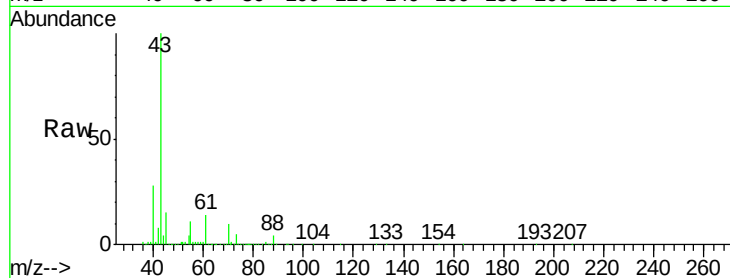




#37
Ethyl Acetate
Concen: 22.991 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

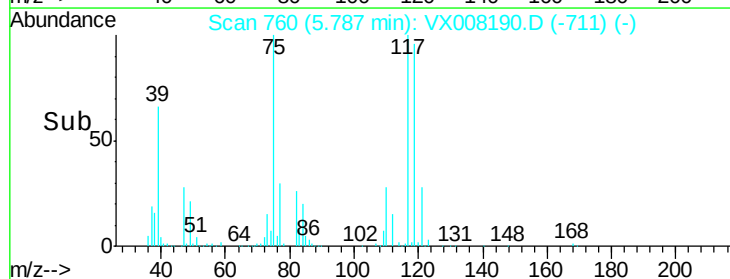
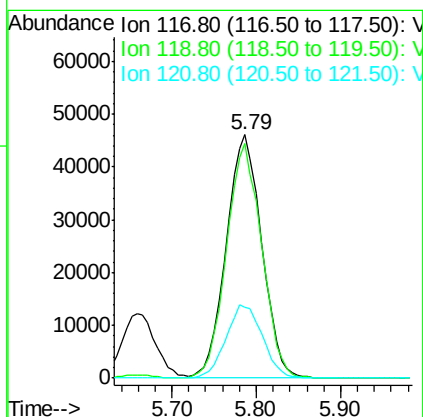
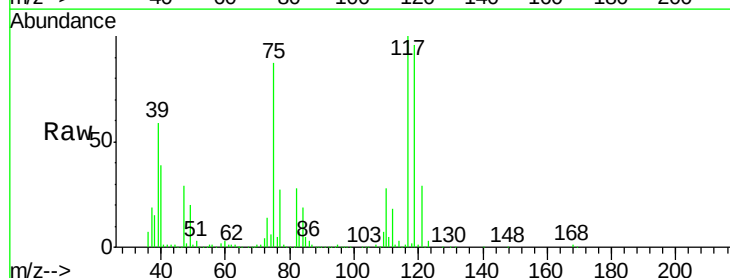
Instrument :
MSVOA_X
ClientSampled :

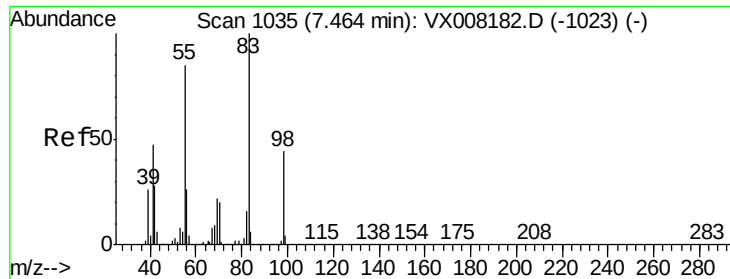
Tot Ion: 43 Resp: 178414
Ion Ratio Lower Upper
43 100
61 13.6 11.3 16.9
70 9.9 8.5 12.7



#38
Carbon Tetrachloride
Concen: 22.596 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion: 117 Resp: 132165
Ion Ratio Lower Upper
117 100
119 96.1 76.2 114.2
121 29.3 24.6 36.8

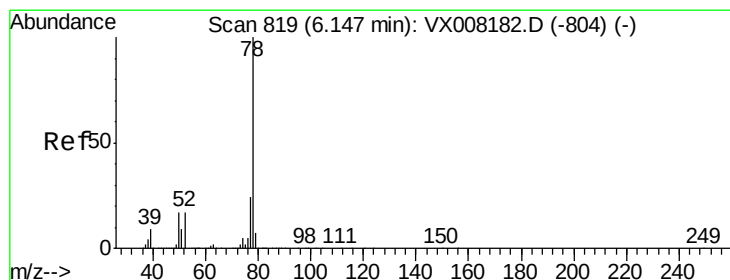
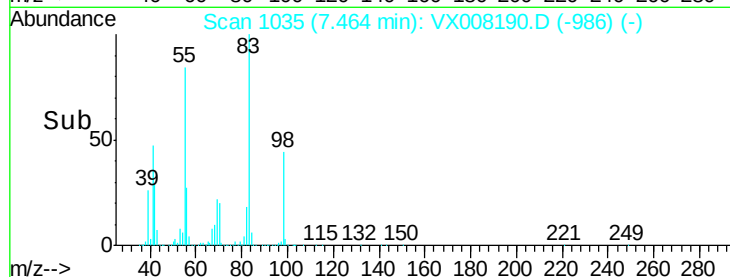
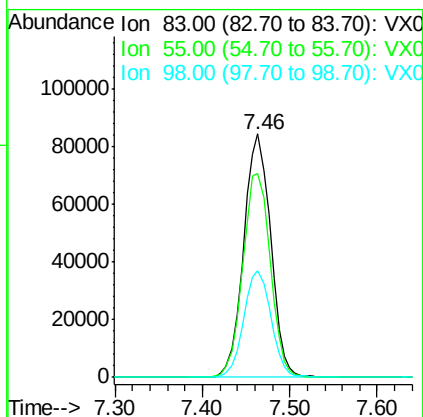
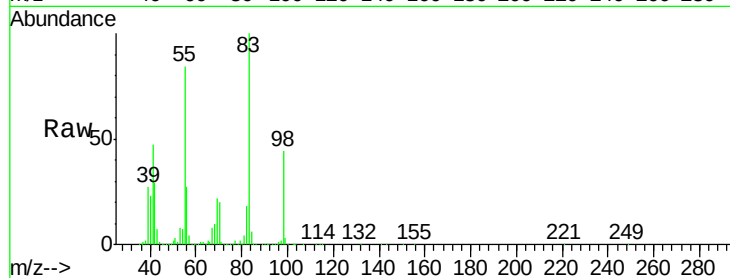




#39
Methylvlcyclohexane
Concen: 22.887 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

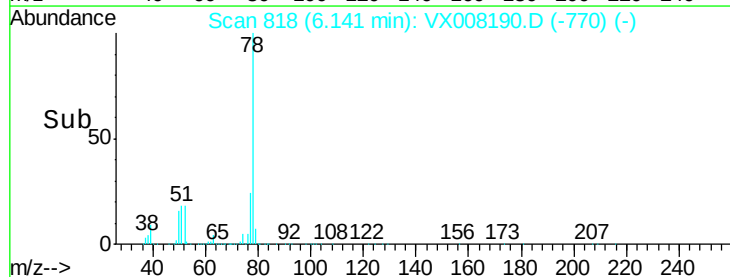
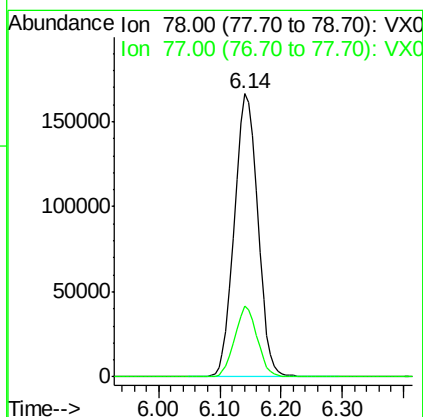
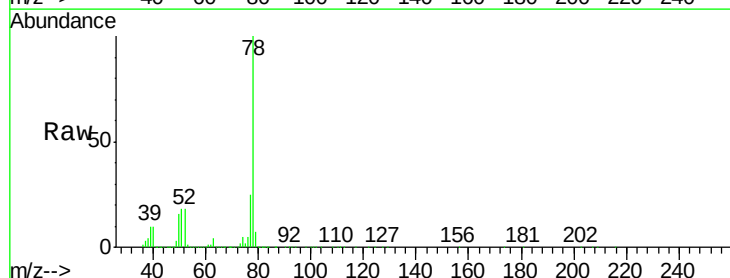
Instrument :
MSVOA_X
ClientSampled :

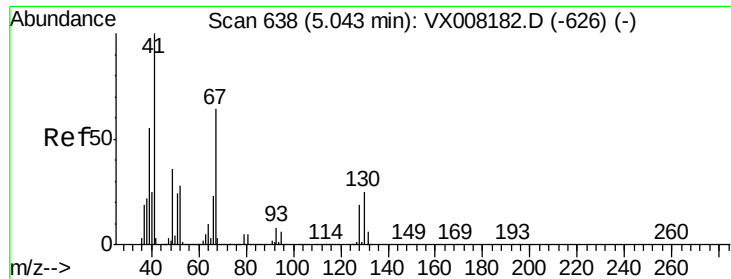
Tot Ion: 83 Resp: 180800
Ion Ratio Lower Upper
83 100
55 83.6 60.4 90.6
98 44.0 36.5 54.7



#40
Benzene
Concen: 22.616 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion: 78 Resp: 439424
Ion Ratio Lower Upper
78 100
77 24.8 19.0 28.4

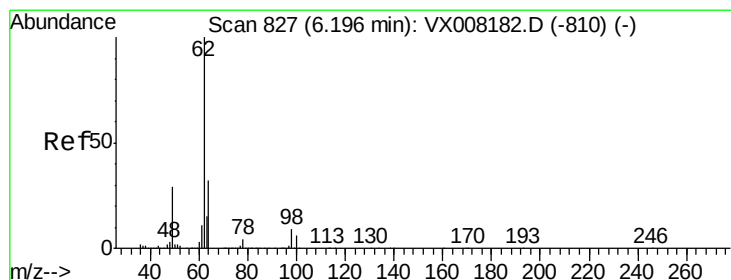
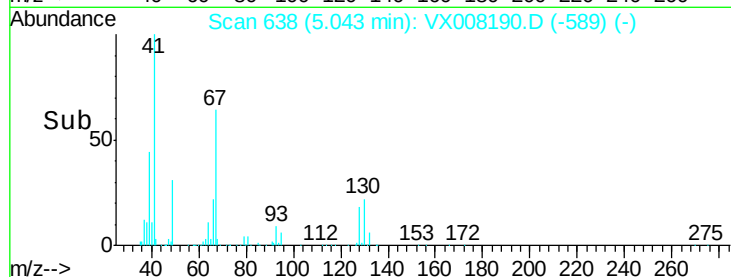
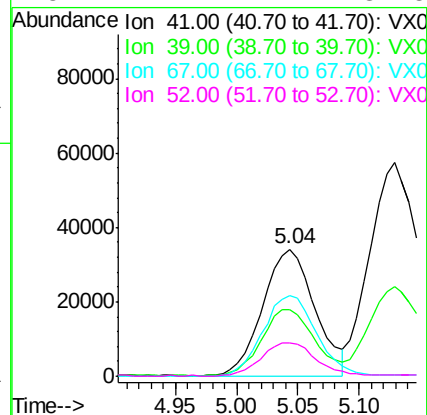
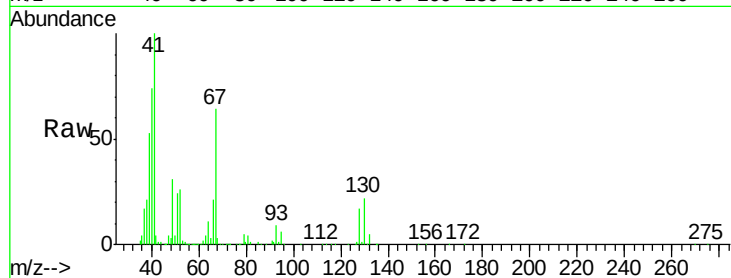




#41
Methacrylonitrile
Concen: 23.228 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

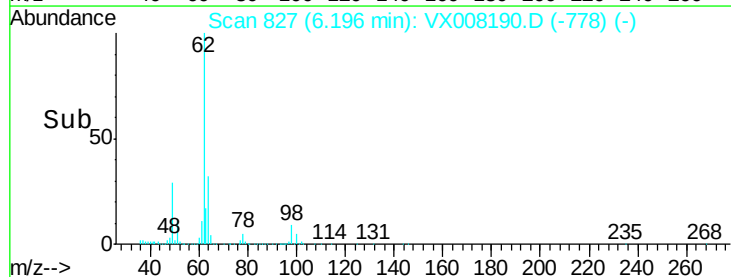
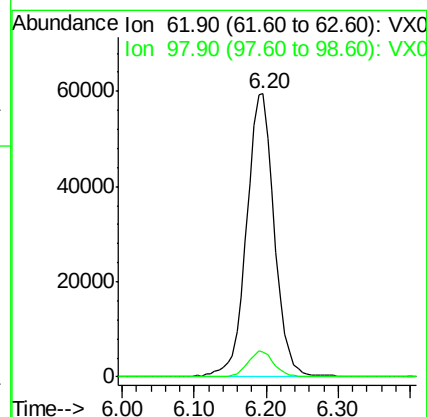
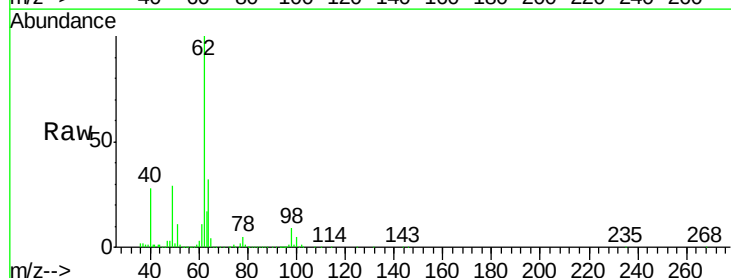
Instrument :
MSVOA_X
ClientSampleId :

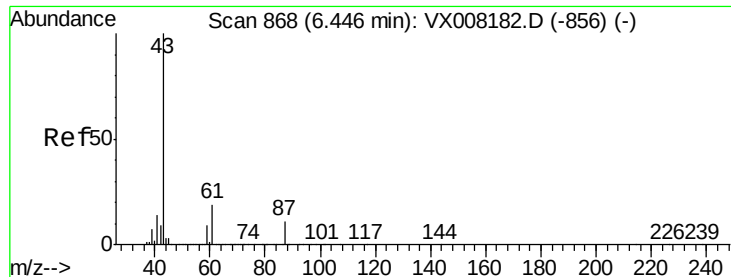
Tot Ion:	41	Resp:	101106
Ion	Ratio	Lower	Upper
41	100		
39	53.4	41.6	62.4
67	66.0	55.8	83.6
52	27.1	21.7	32.5



#42
1,2-Dichloroethane
Concen: 22.316 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion:	62	Resp:	158841
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	20.4



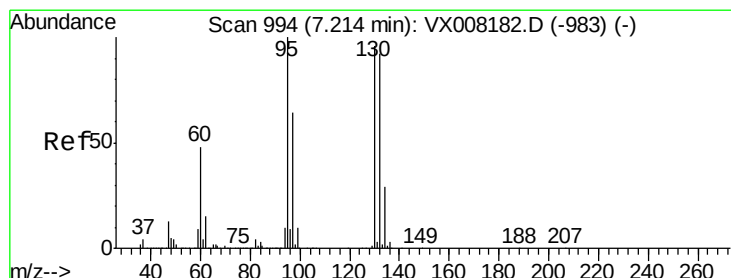
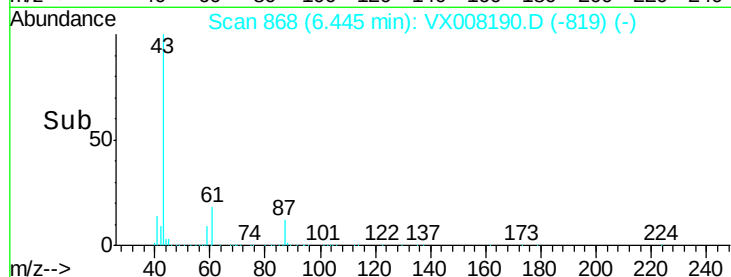
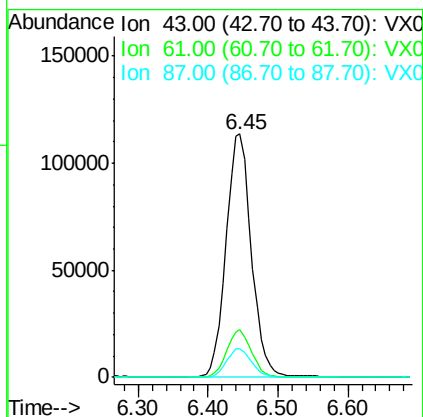
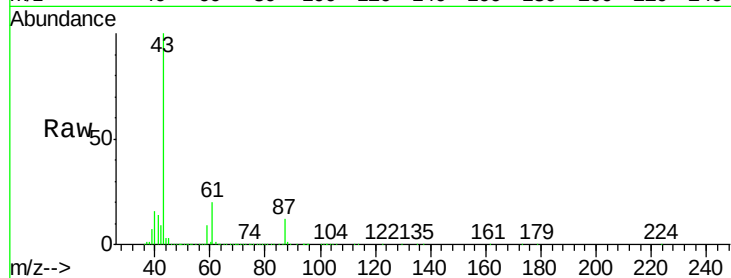


#43

Isopropyl Acetate
 Concen: 22.923 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008190.D
 Acq: 19 Mar 2019 14:46

Instrument :
 MSVOA_X
 ClientSampleId :

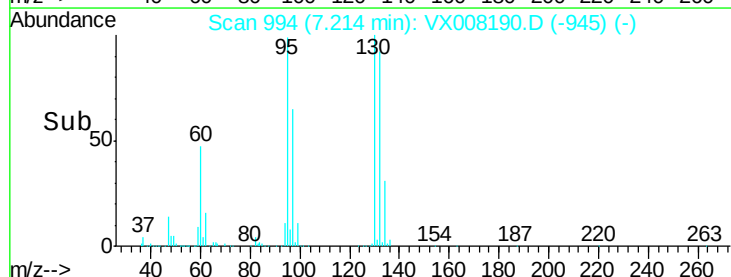
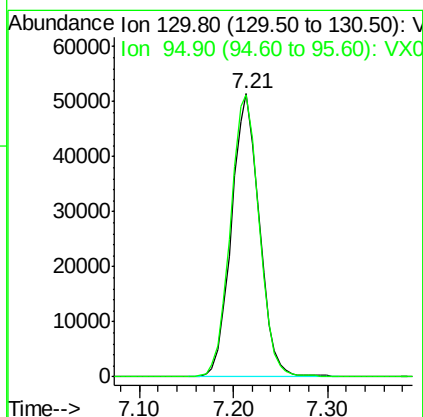
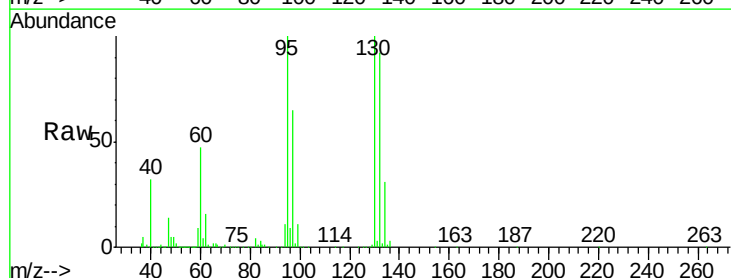
Tot Ion	43	Resp	285134
Ion Ratio	Lower	Upper	
43	100		
61	19.2	16.3	24.5
87	11.7	10.5	15.7

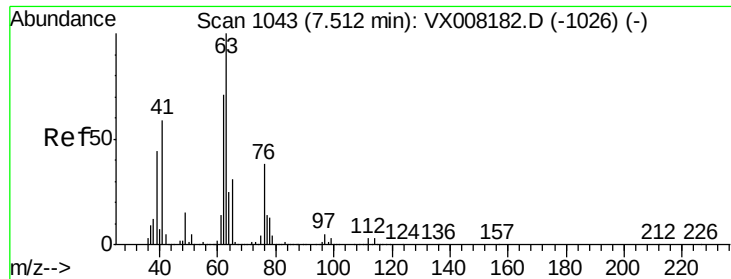


#44

Trichloroethene
 Concen: 22.260 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008190.D
 Acq: 19 Mar 2019 14:46

Tgt Ion	130	Resp	105753
Ion Ratio	Lower	Upper	
130	100		
95	99.5	0.0	188.0

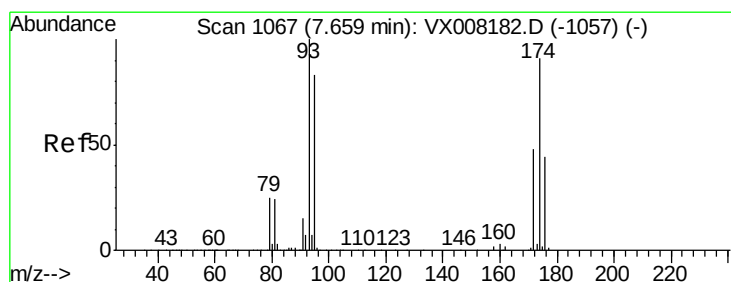
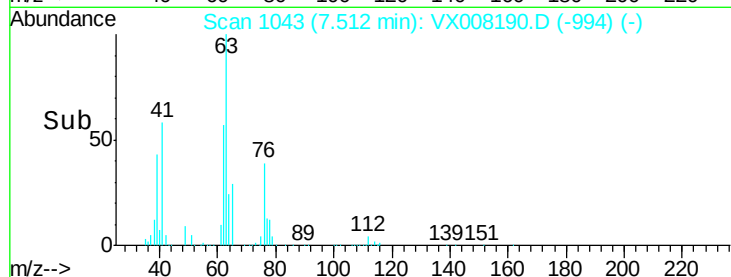
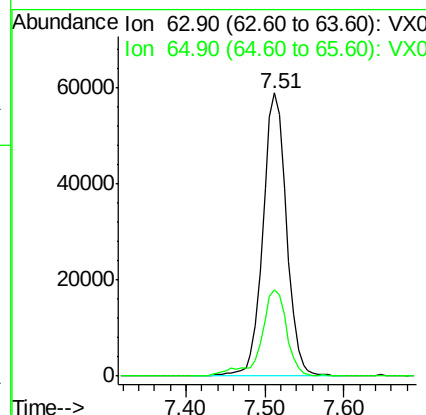
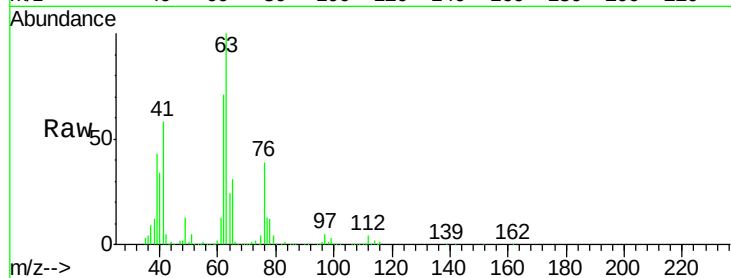




#45
 1,2-Dichloropropane
 Concen: 22.538 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008190.D
 Acq: 19 Mar 2019 14:46

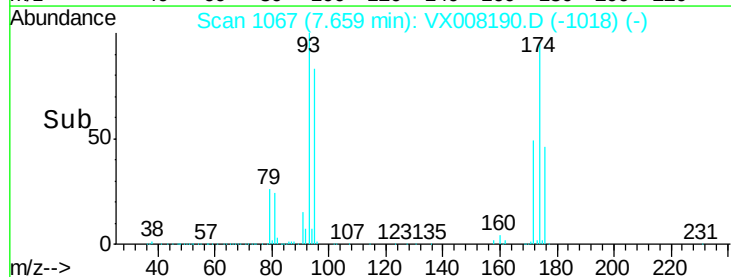
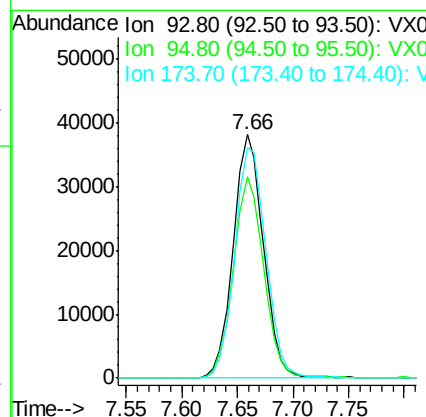
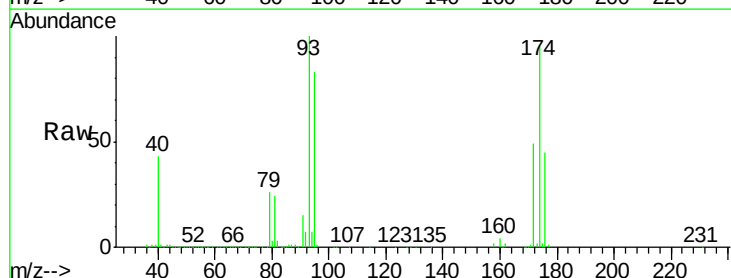
Instrument :
 MSVOA_X
 ClientSampleId :

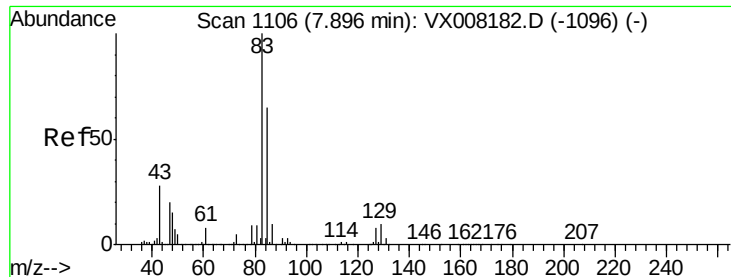
Tot Ion: 63 Resp: 122586
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.7 37.1



#46
 Dibromomethane
 Concen: 21.859 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008190.D
 Acq: 19 Mar 2019 14:46

Tgt Ion: 93 Resp: 71987
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.8 100.2
 174 97.2 97.3 145.9#





#47

Bromodichloromethane

Concen: 22.451 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :
MSVOA_X
ClientSampleId :

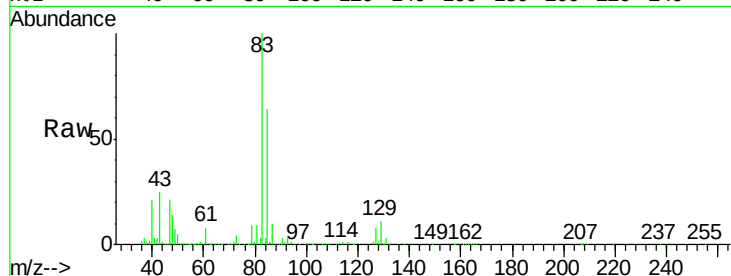
Tot Ion: 83 Resp: 140908

Ion Ratio Lower Upper

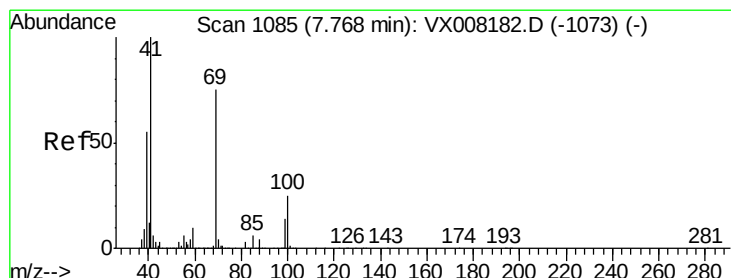
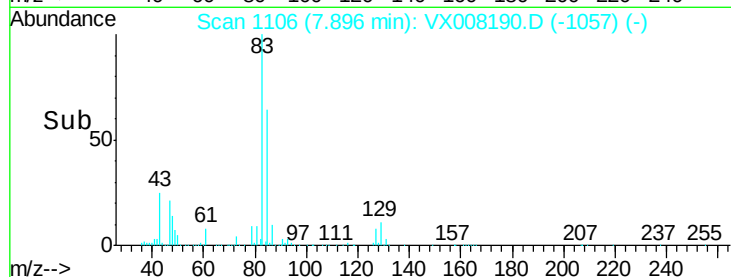
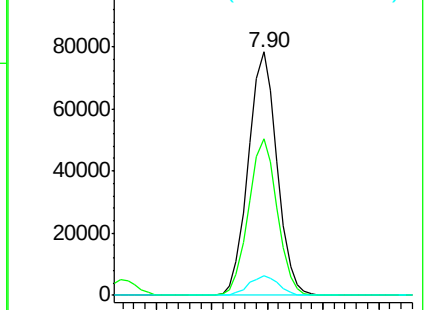
83 100

85 64.4 50.9 76.3

127 8.0 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: 22.810 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

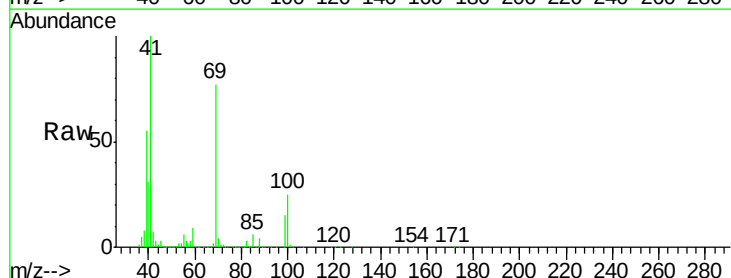
Tgt Ion: 41 Resp: 150861

Ion Ratio Lower Upper

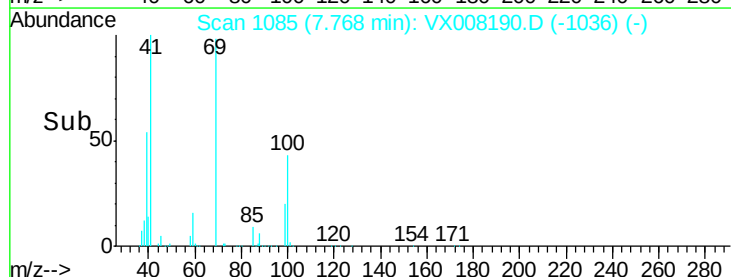
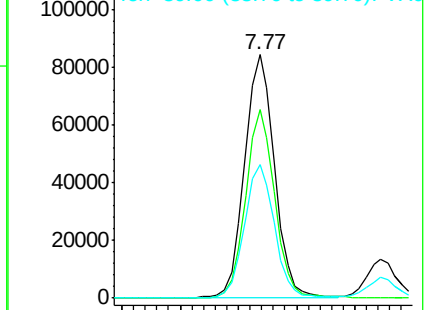
41 100

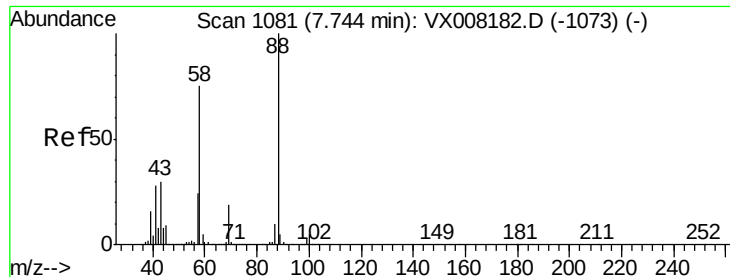
69 76.0 65.2 97.8

39 55.0 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: 449.437 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

ClientSampleId :

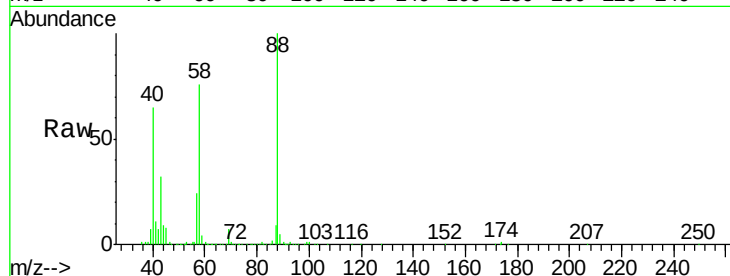
Tot Ion: 88 Resp: 52454

Ion Ratio Lower Upper

88 100

43 37.0 25.1 37.7

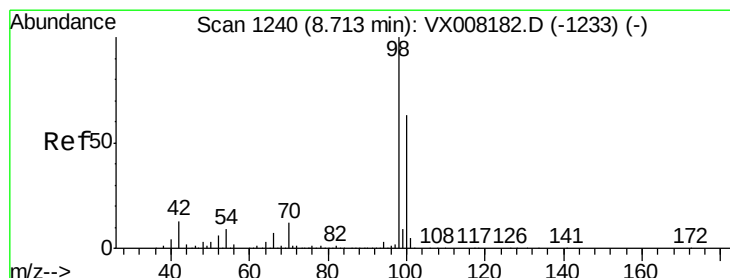
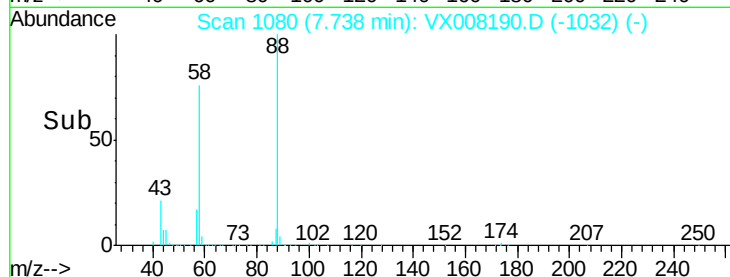
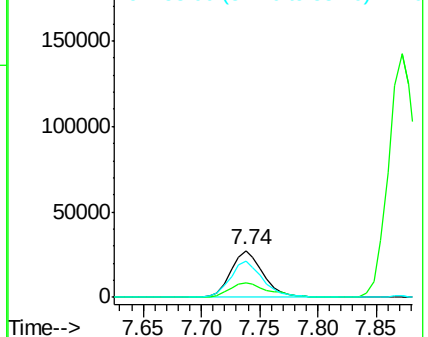
58 77.5 57.8 86.6



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: 52.007 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008190.D

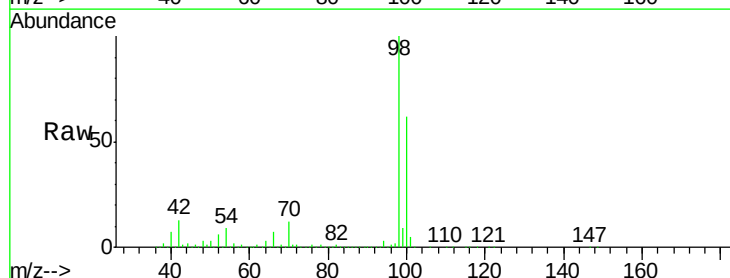
Acq: 19 Mar 2019 14:46

Tgt Ion: 98 Resp: 744257

Ion Ratio Lower Upper

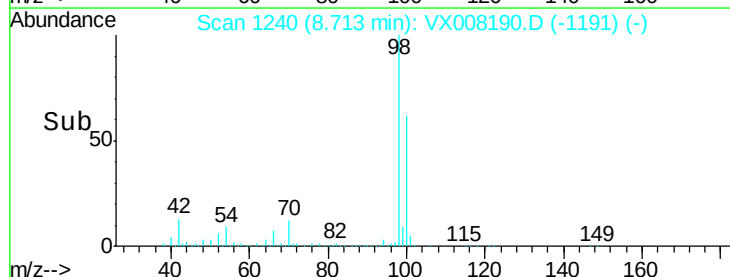
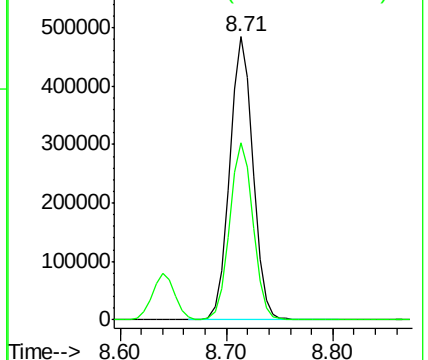
98 100

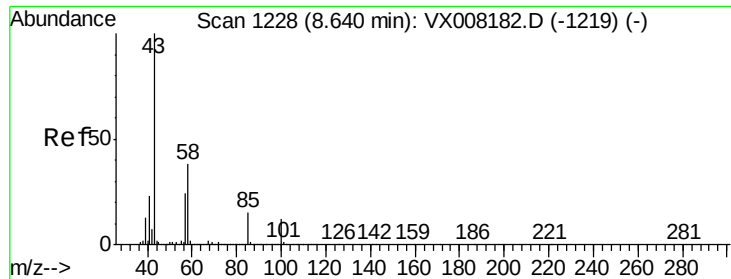
100 63.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

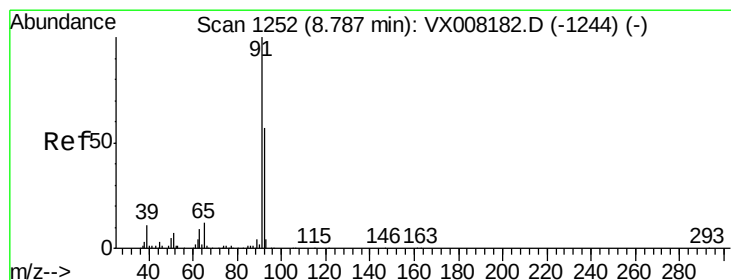
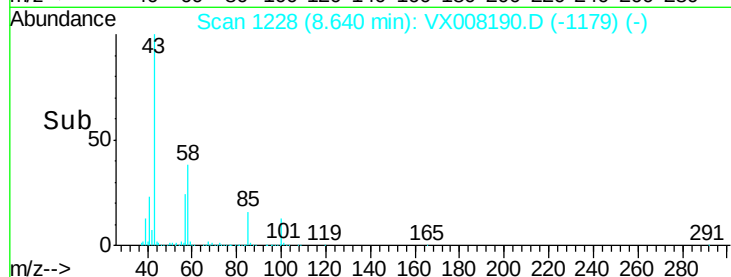
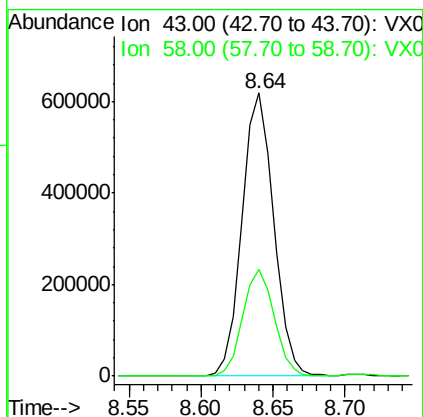
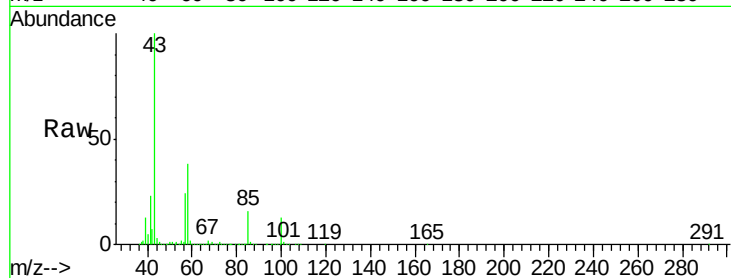




#51
4-Methyl-2-Pentanone
Concen: 117.208 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

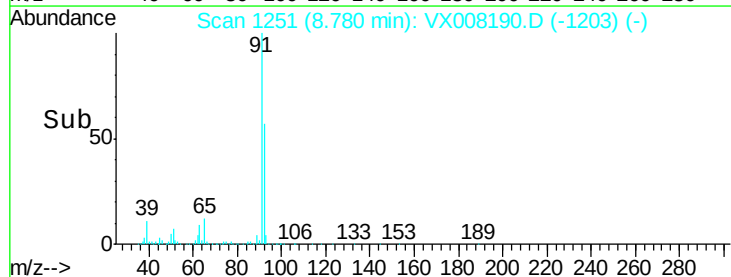
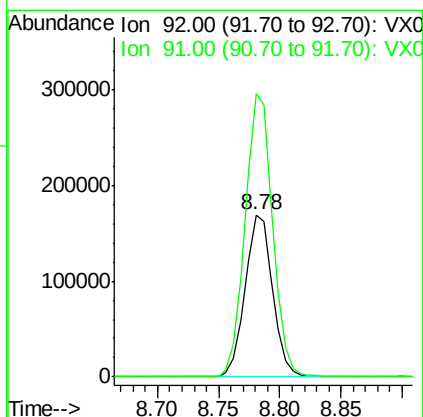
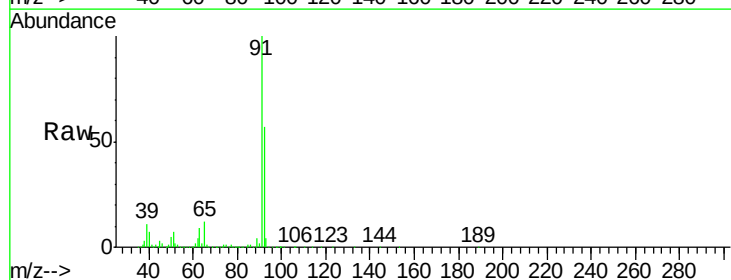
Instrument :
MSVOA_X
ClientSampleId :

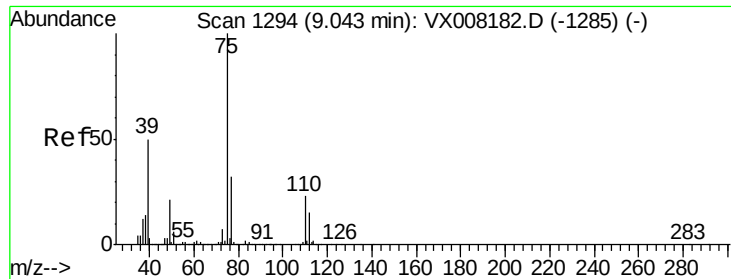
Tot Ion: 43 Resp: 942520
Ion Ratio Lower Upper
43 100
58 37.5 31.3 46.9



#52
Toluene
Concen: 22.910 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion: 92 Resp: 264090
Ion Ratio Lower Upper
92 100
91 175.8 137.4 206.0

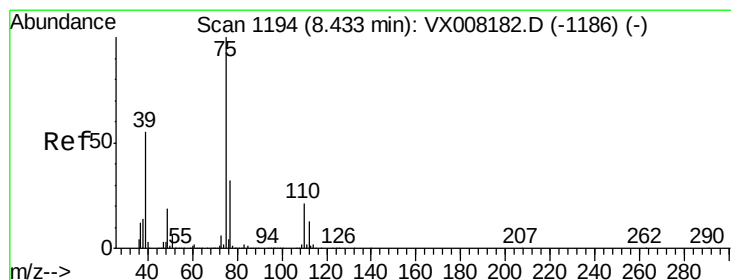
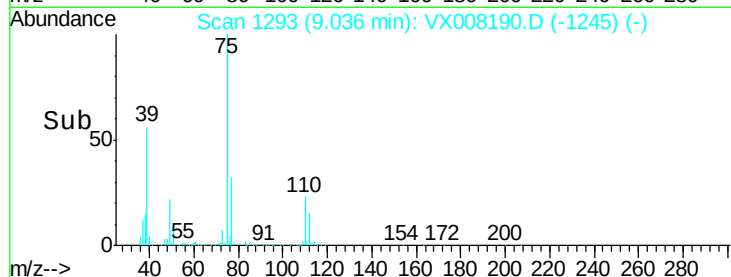
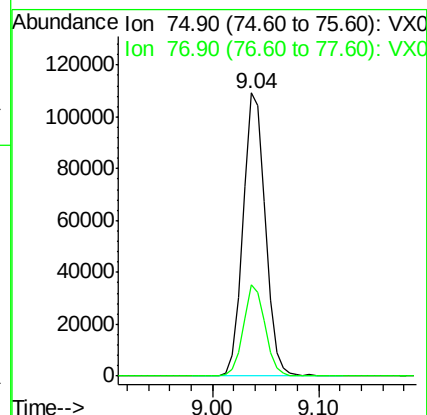
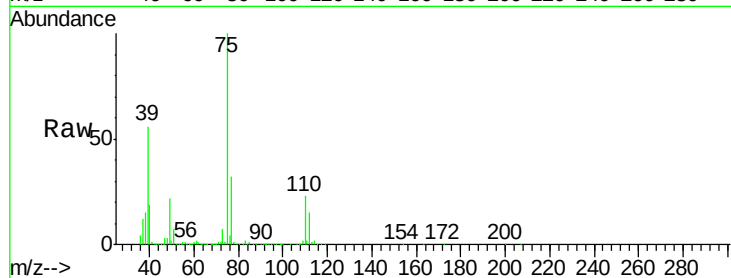




#53
 t-1,3-Dichloropropene
 Concen: 21.160 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: VX008190.D
 Acq: 19 Mar 2019 14:46

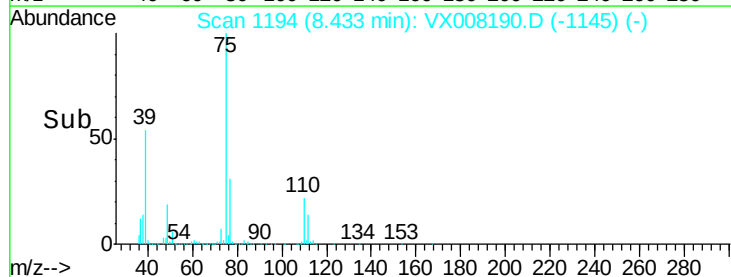
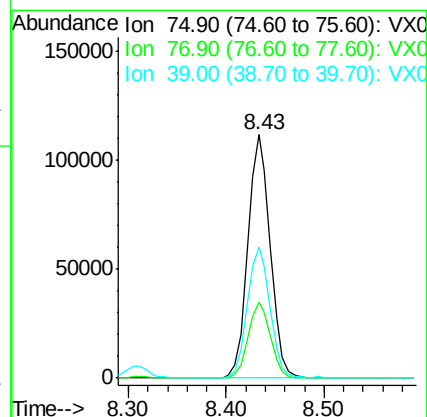
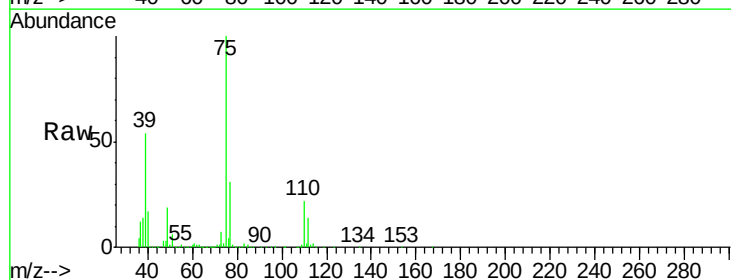
Instrument :
 MSVOA_X
 ClientSampled :

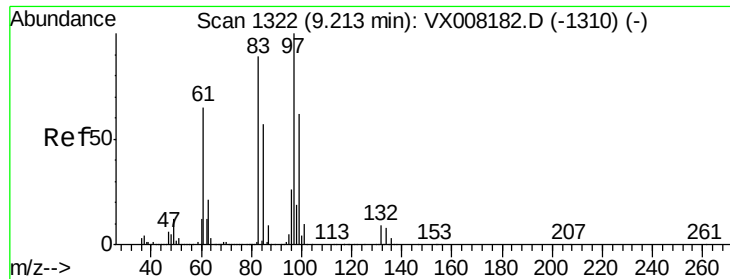
Tot Ion: 75 Resp: 159680
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 22.619 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008190.D
 Acq: 19 Mar 2019 14:46

Tgt Ion: 75 Resp: 176186
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.6
 39 53.6 36.6 54.8





#55

1,1,2-Trichloroethane

Concen: 23.026 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 97 Resp: 107237

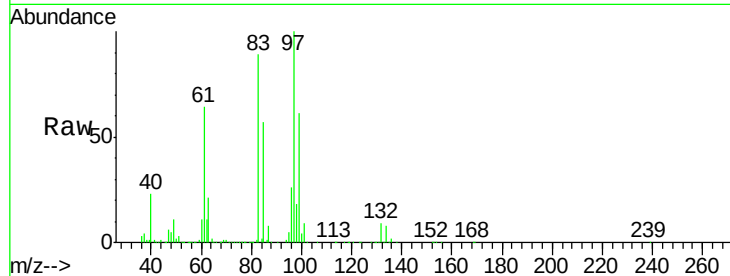
Ion Ratio Lower Upper

97 100

83 88.7 69.1 103.7

85 56.8 44.3 66.5

99 61.0 49.8 74.8

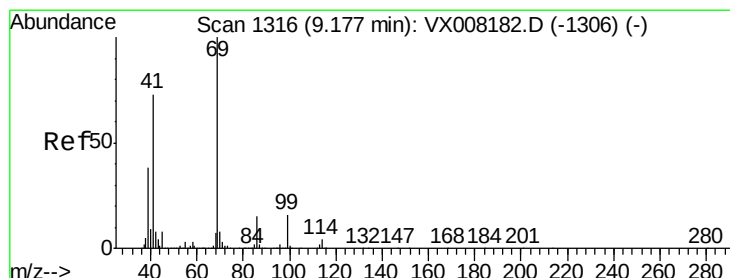
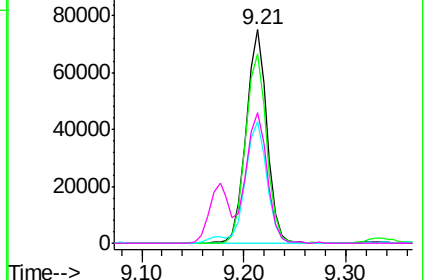
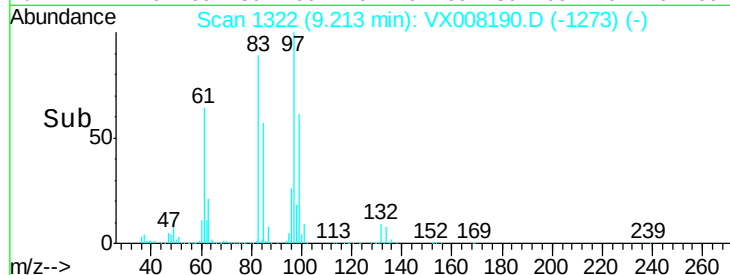


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 22.338 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

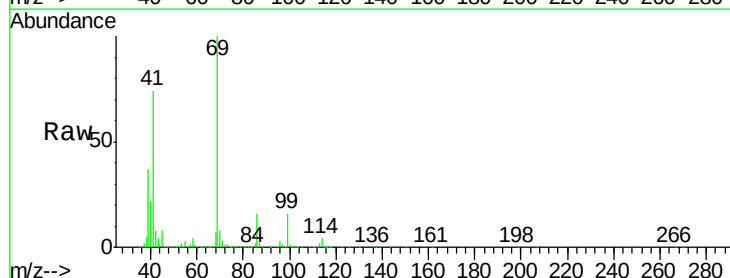
Tgt Ion: 69 Resp: 180080

Ion Ratio Lower Upper

69 100

41 73.2 54.2 81.4

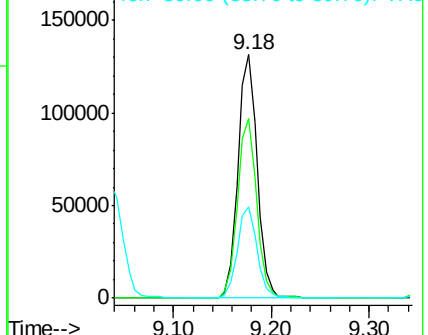
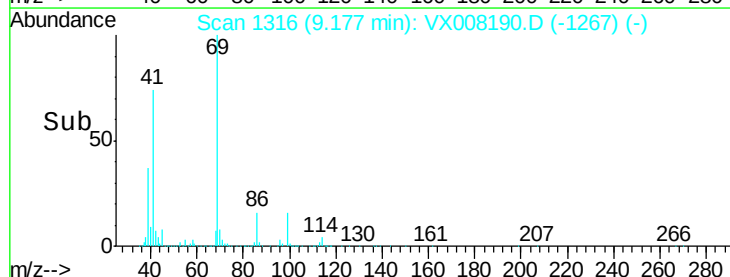
39 37.7 25.0 37.4#

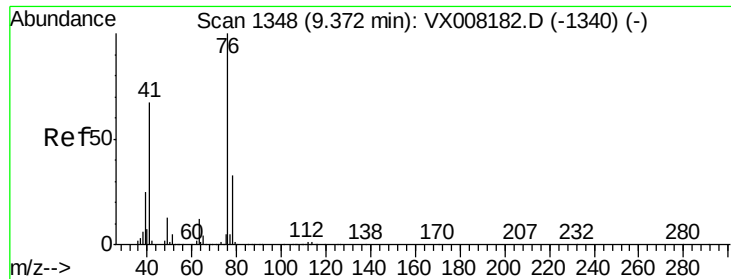


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 22.842 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

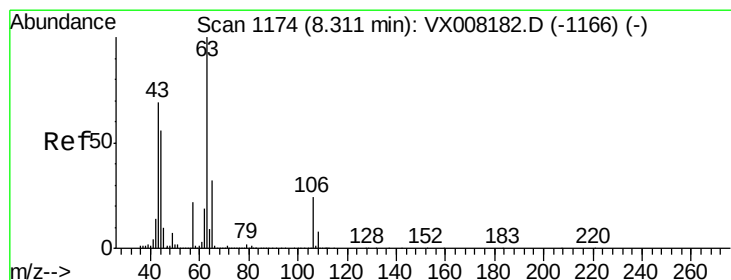
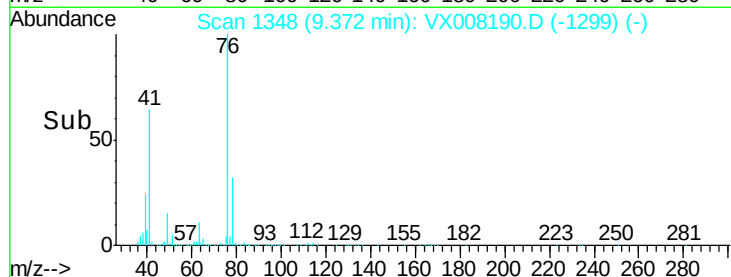
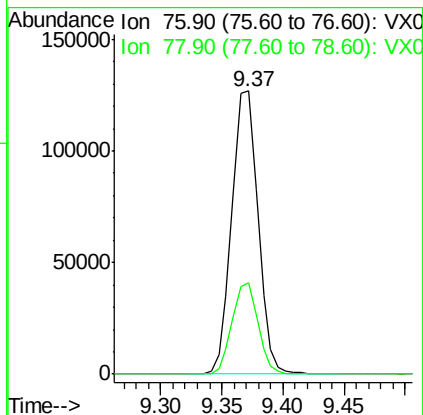
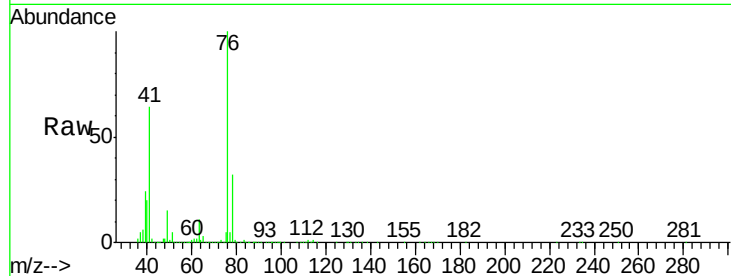
ClientSampleId :

Tot Ion: 76 Resp: 188191

Ion Ratio Lower Upper

76 100

78 32.0 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 102.330 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008190.D

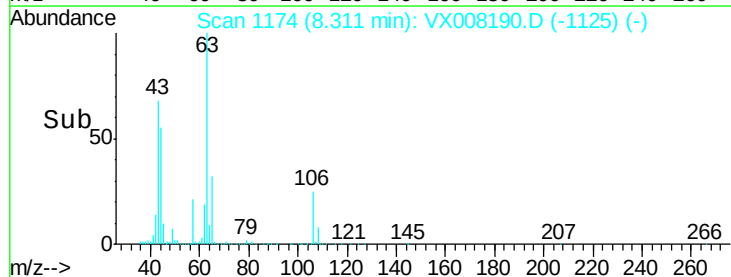
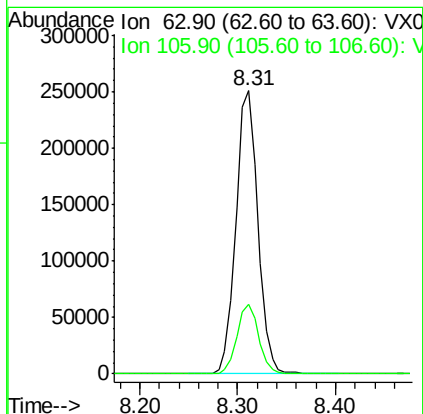
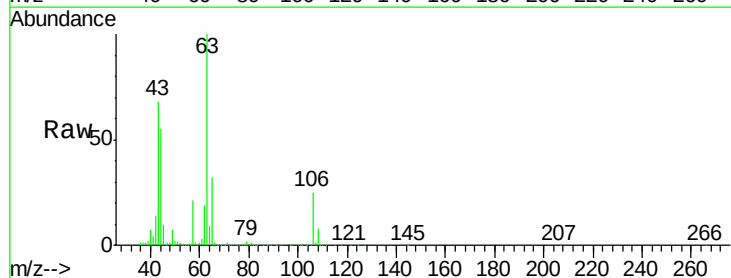
Acq: 19 Mar 2019 14:46

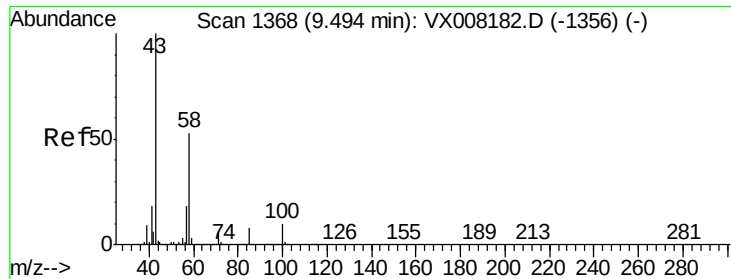
Tgt Ion: 63 Resp: 390479

Ion Ratio Lower Upper

63 100

106 24.5 22.2 33.2

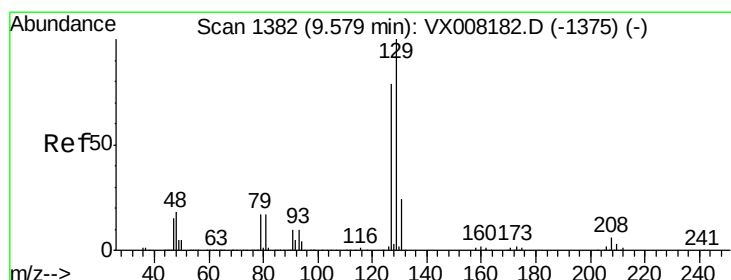
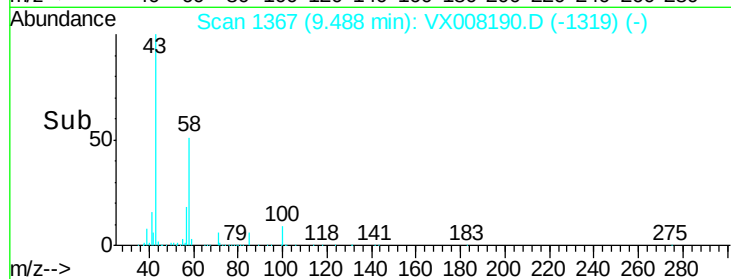
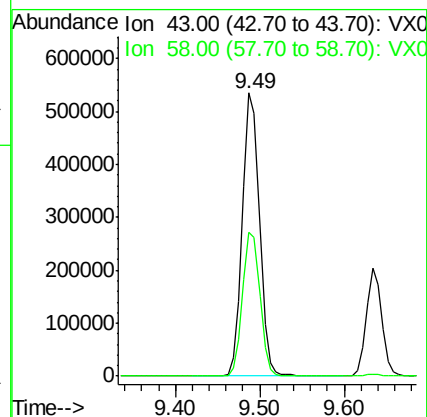
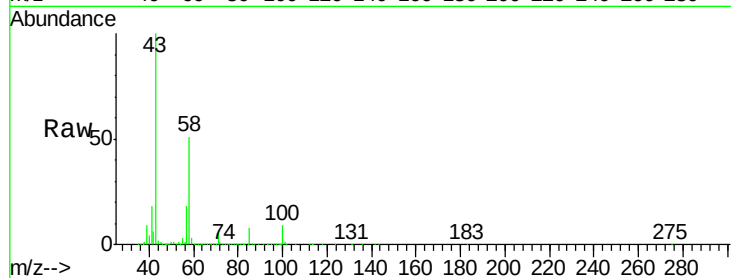




#59
2-Hexanone
Concen: 118.088 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

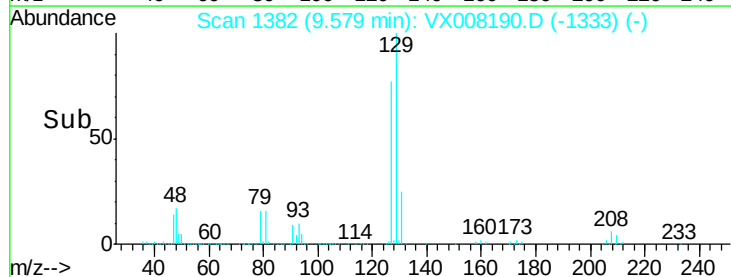
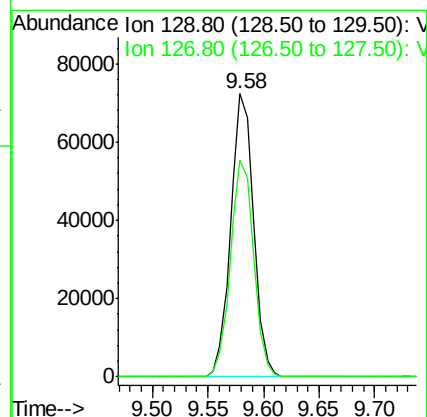
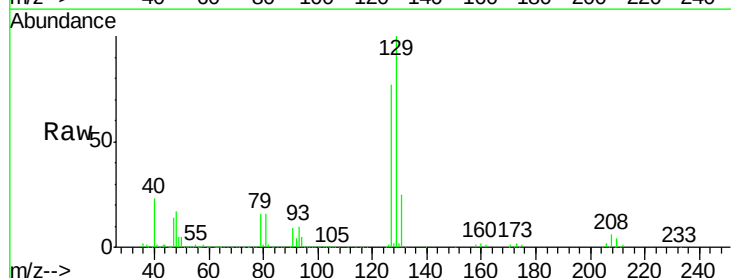
Instrument :
MSVOA_X
ClientSampleId :

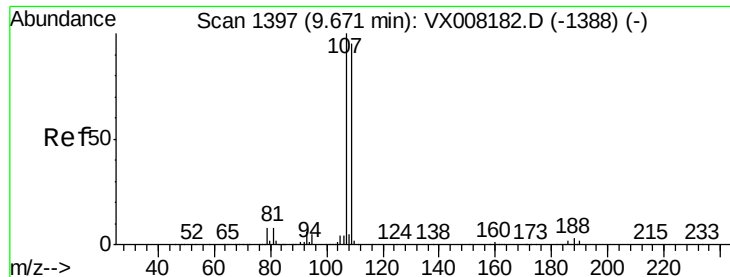
Tot Ion: 43 Resp: 731070
Ion Ratio Lower Upper
43 100
58 51.9 27.6 82.7



#60
Dibromochloromethane
Concen: 22.969 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion: 129 Resp: 102807
Ion Ratio Lower Upper
129 100
127 78.0 38.3 114.8





#61

1,2-Dibromoethane

Concen: 22.891 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

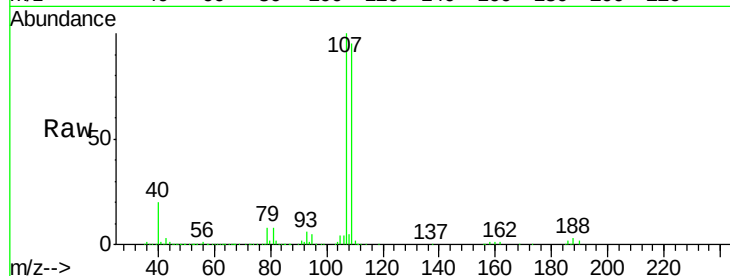
ClientSampleId :

Tot Ion:107 Resp: 111321

Ion Ratio Lower Upper

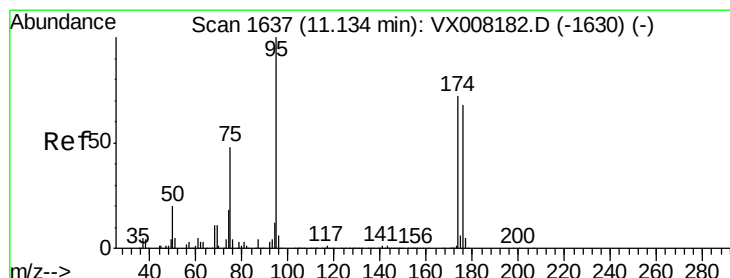
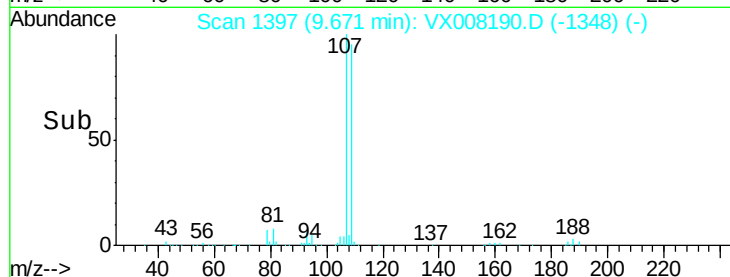
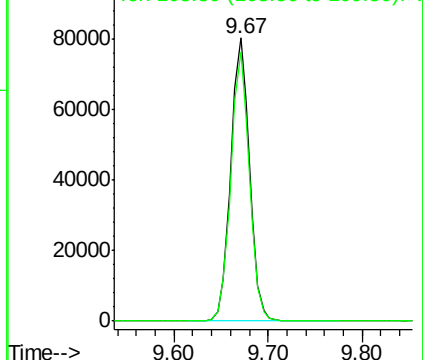
107 100

109 94.2 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: 54.051 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

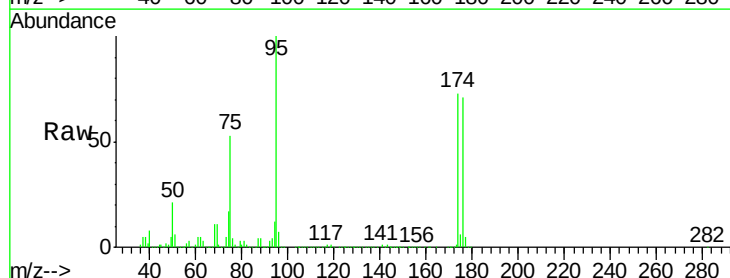
Tgt Ion: 95 Resp: 266332

Ion Ratio Lower Upper

95 100

174 78.0 0.0 182.8

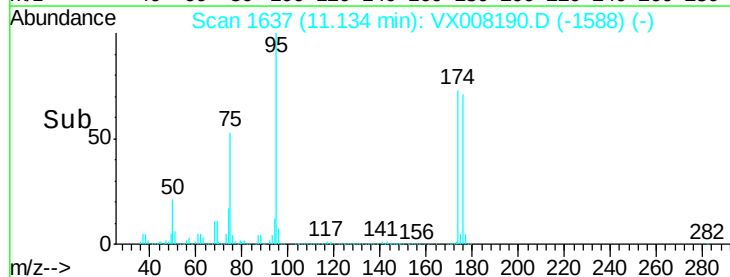
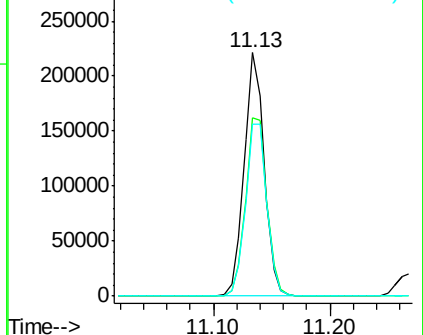
176 75.5 0.0 178.0

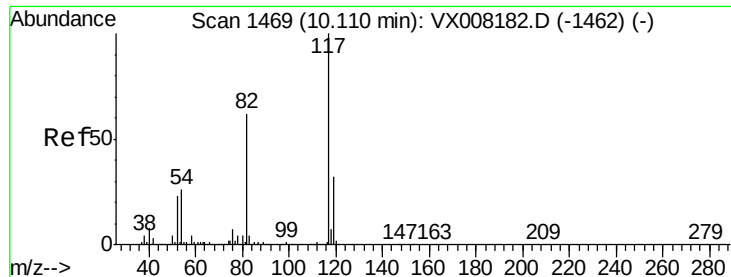


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

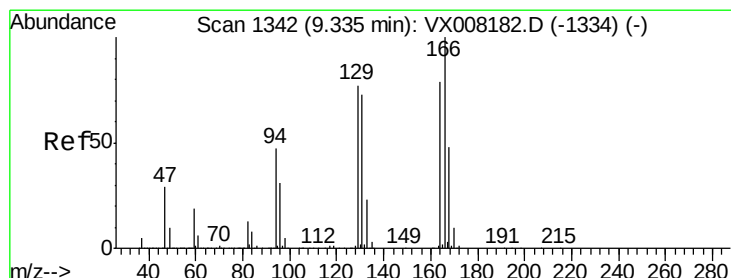
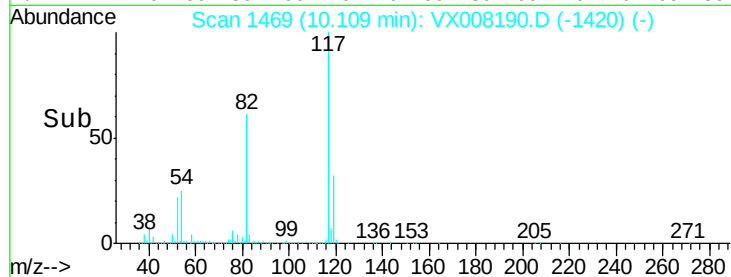
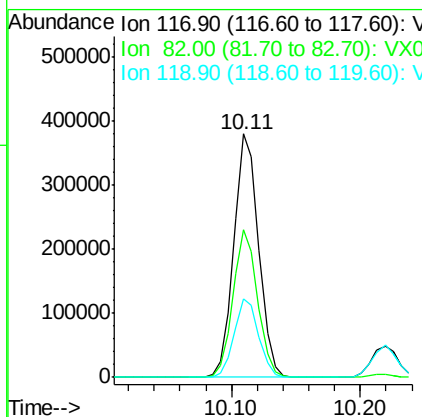
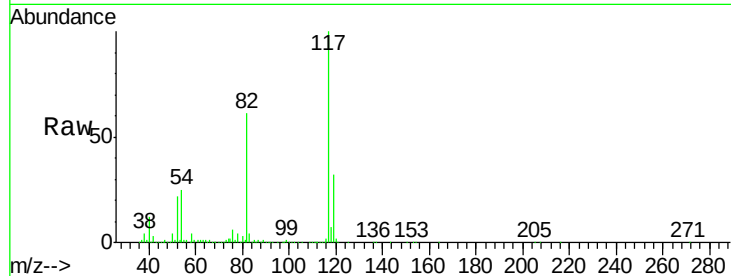




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

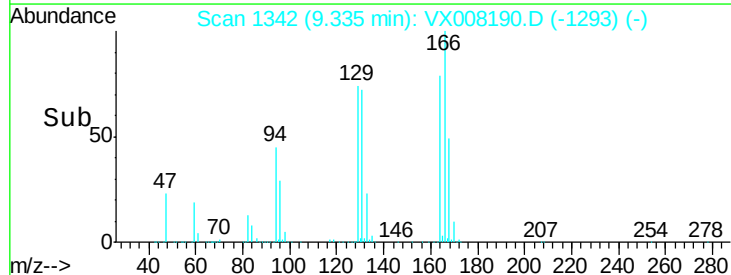
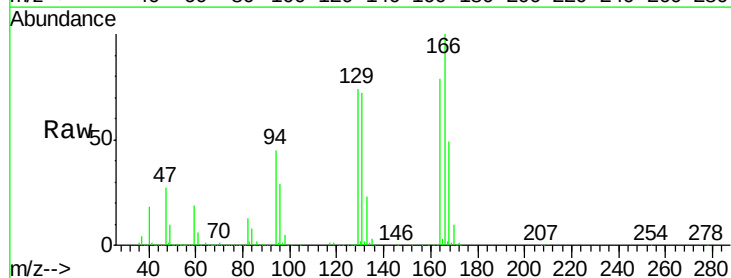
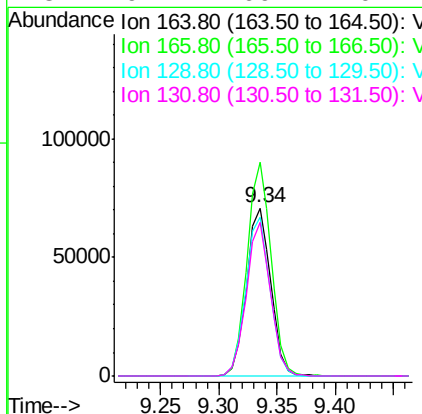
Instrument :
MSVOA_X
ClientSampled :

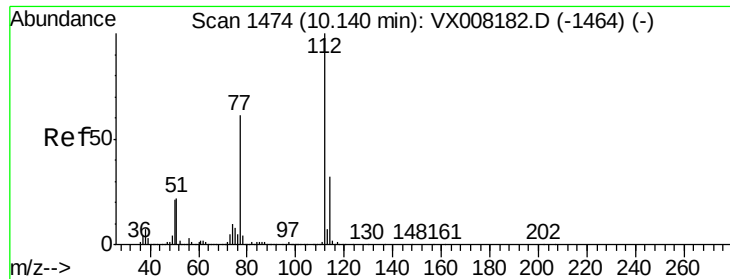
Tot Ion	Ratio	Lower	Upper
117	100		
82	60.7	44.3	66.5
119	32.3	25.3	37.9



#64
Tetrachloroethene
Concen: 22.386 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	103.4	155.0
129	94.7	72.2	108.4
131	91.4	69.4	104.2

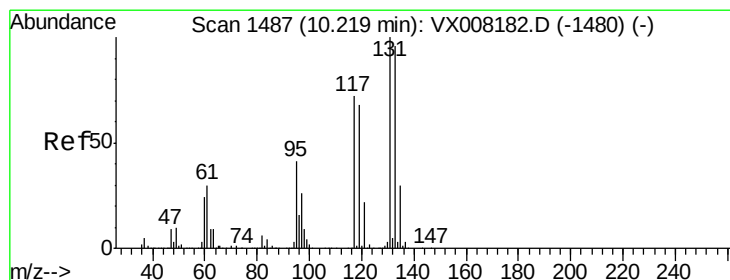
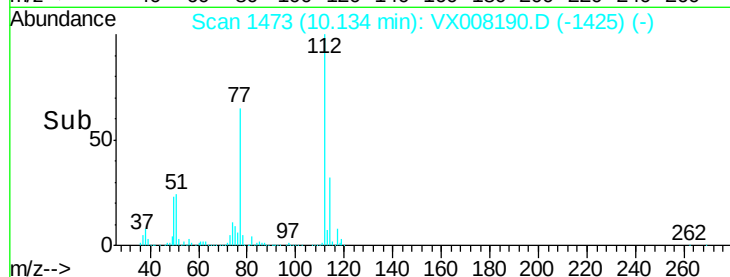
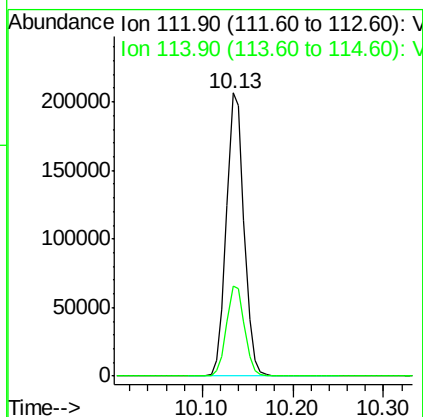
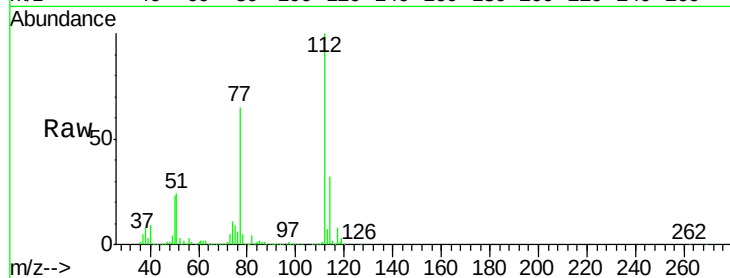




#65
Chlorobenzene
Concen: 22.284 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

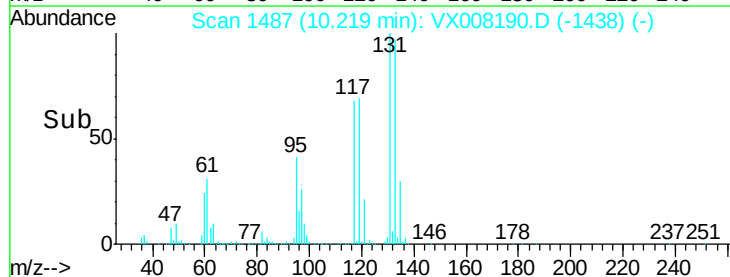
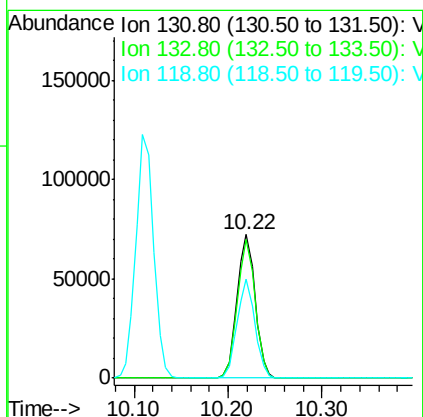
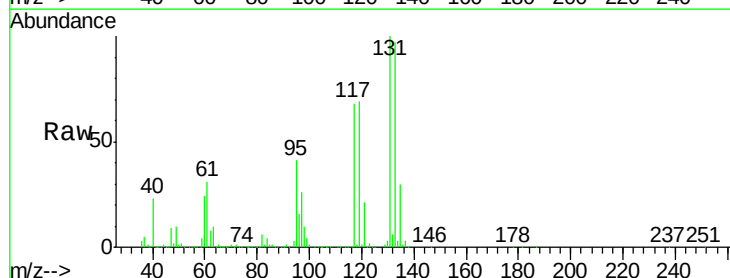
Instrument :
MSVOA_X
ClientSampleId :

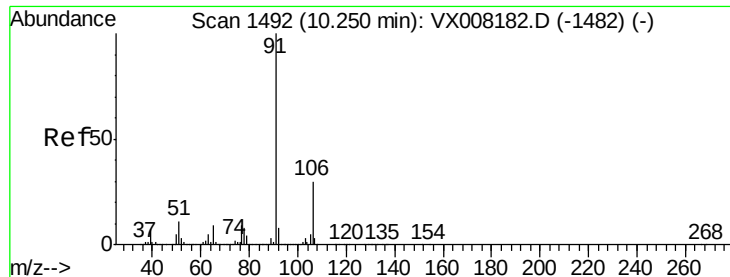
Tot Ion:112 Resp: 279540
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 22.211 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion:131 Resp: 97146
Ion Ratio Lower Upper
131 100
133 95.1 47.8 143.3
119 68.0 32.5 97.5





#67

Ethyl Benzene

Concen: 22.848 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

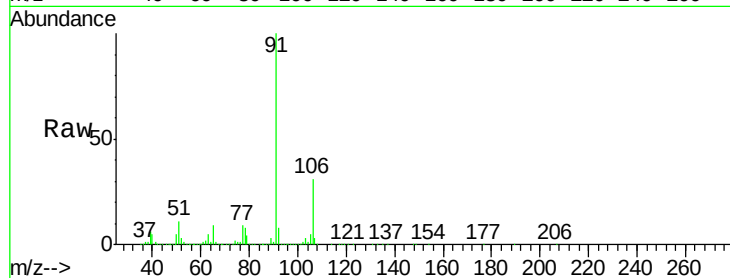
ClientSampled :

Tot Ion: 91 Resp: 505078

Ion Ratio Lower Upper

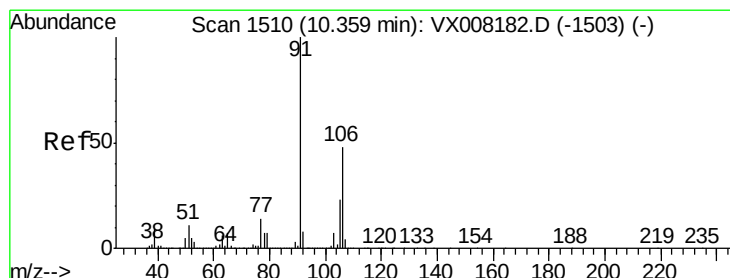
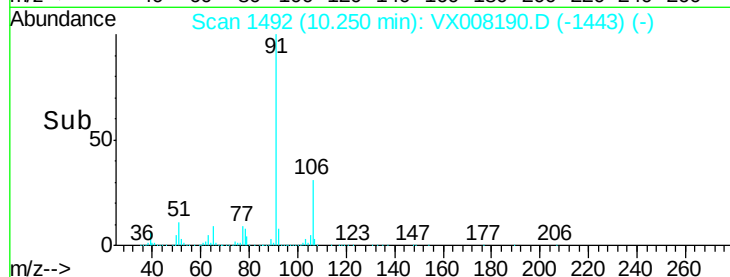
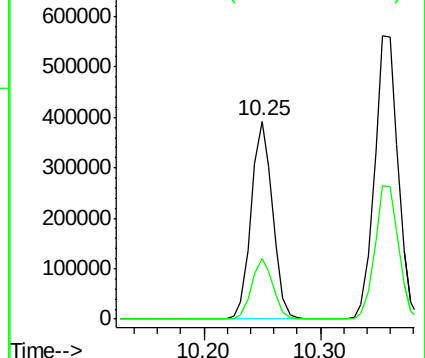
91 100

106 30.6 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 45.795 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX008190.D

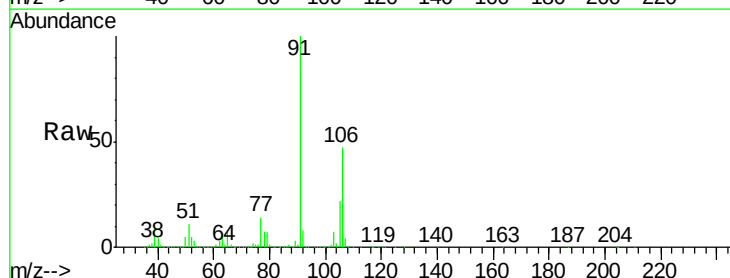
Acq: 19 Mar 2019 14:46

Tgt Ion: 106 Resp: 371869

Ion Ratio Lower Upper

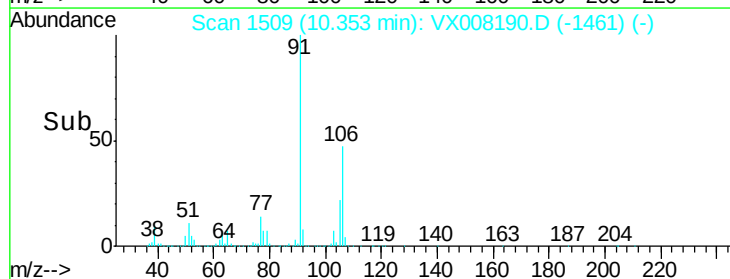
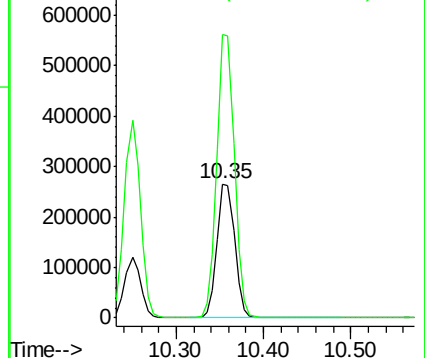
106 100

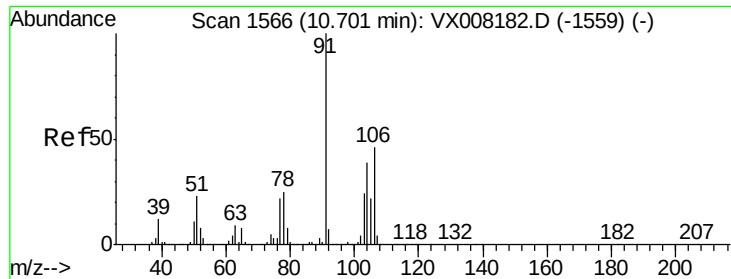
91 210.1 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

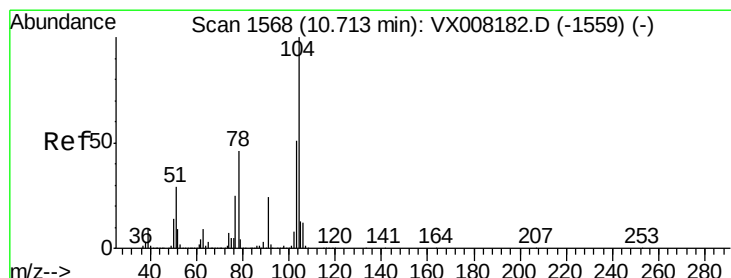
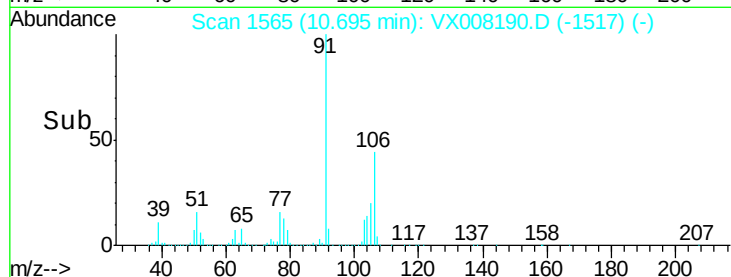
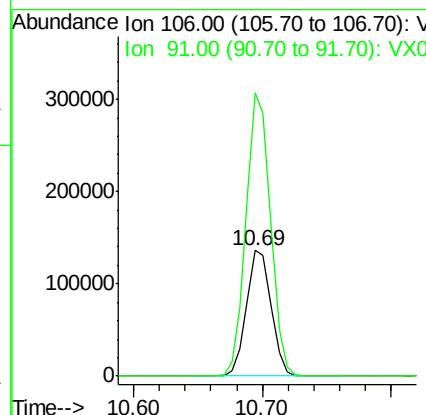
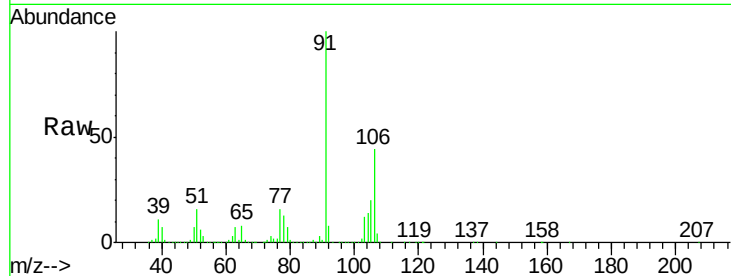




#69
o-Xylene
Concen: 22.779 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

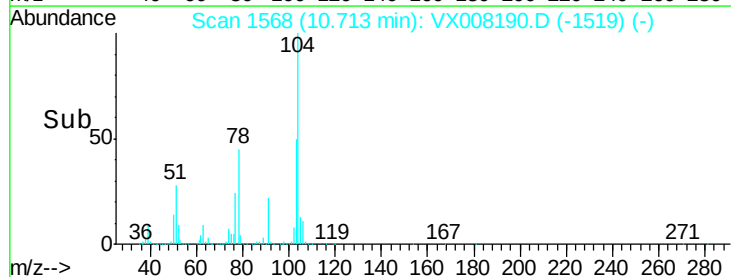
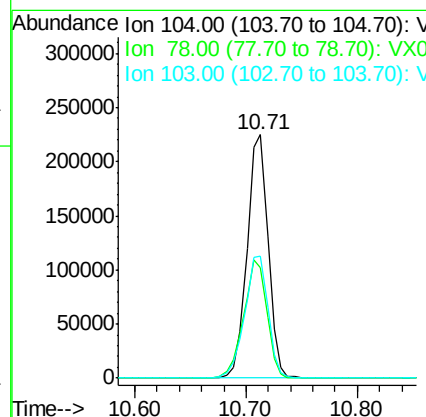
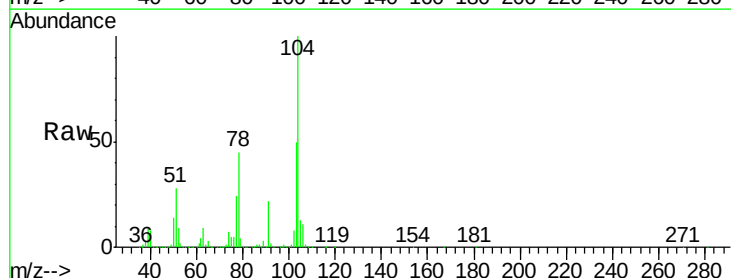
Instrument :
MSVOA_X
ClientSampleId :

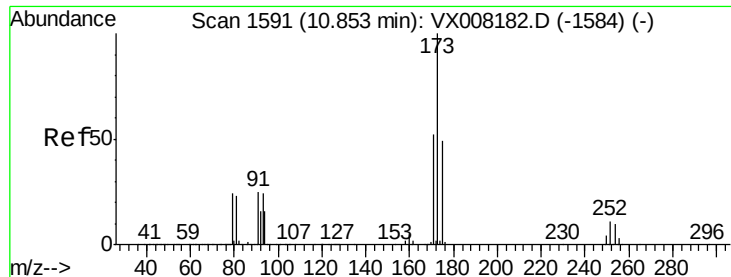
Tot Ion:106 Resp: 179740
Ion Ratio Lower Upper
106 100
91 223.0 106.3 318.9



#70
Styrene
Concen: 23.009 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion:104 Resp: 295049
Ion Ratio Lower Upper
104 100
78 53.3 38.5 57.7
103 55.7 44.1 66.1





#71

Bromoform

Concen: 21.110 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

ClientSampleId :

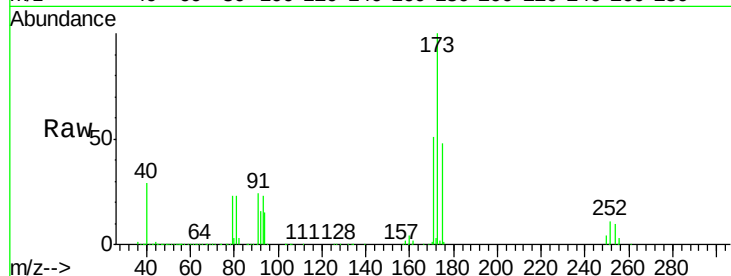
Tot Ion:173 Resp: 74535

Ion Ratio Lower Upper

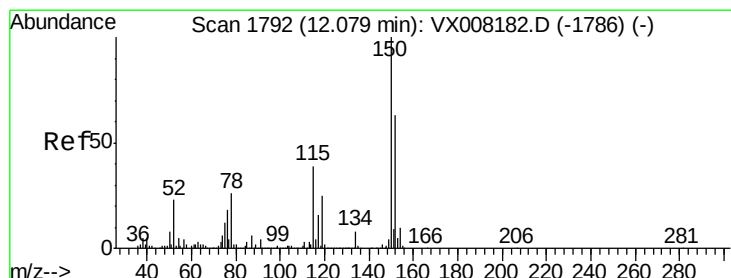
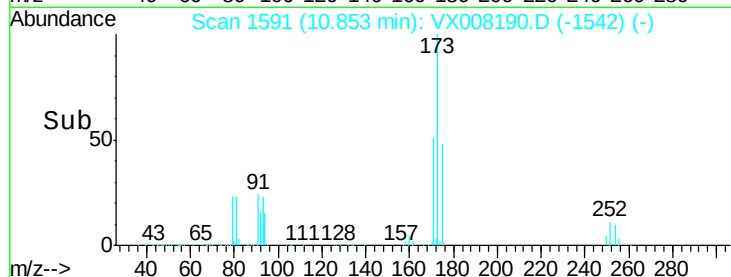
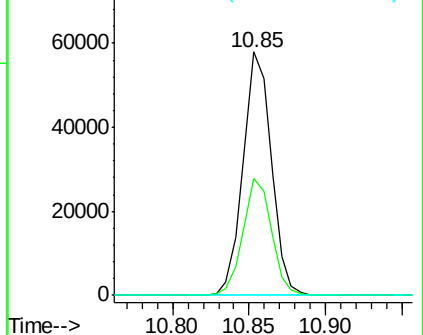
173 100

175 48.6 24.3 72.9

254 0.3 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

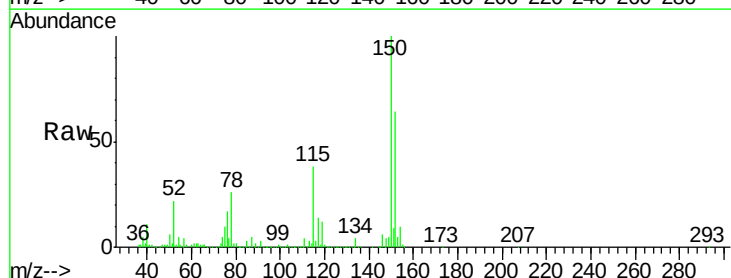
Tgt Ion:152 Resp: 240726

Ion Ratio Lower Upper

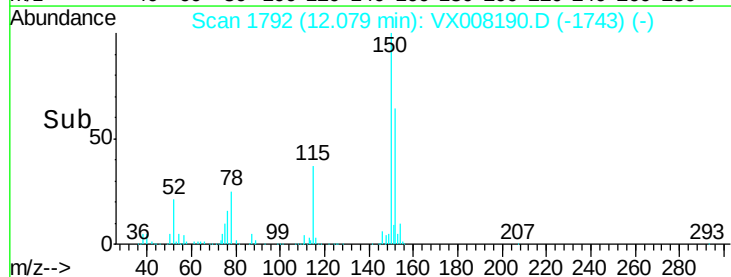
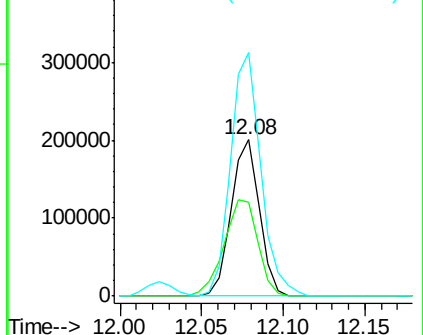
152 100

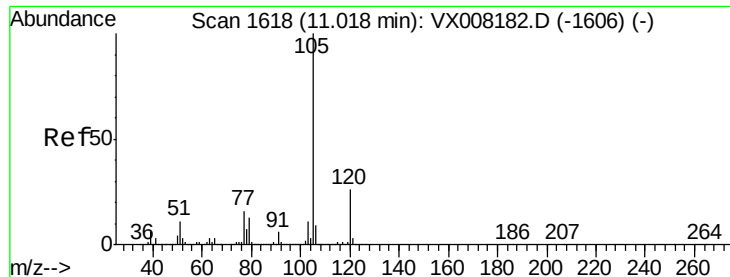
115 74.5 38.6 115.7

150 167.2 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: 22.987 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

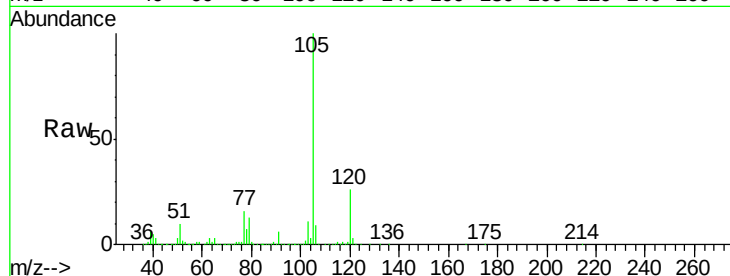
ClientSampleId :

Tot Ion:105 Resp: 493229

Ion Ratio Lower Upper

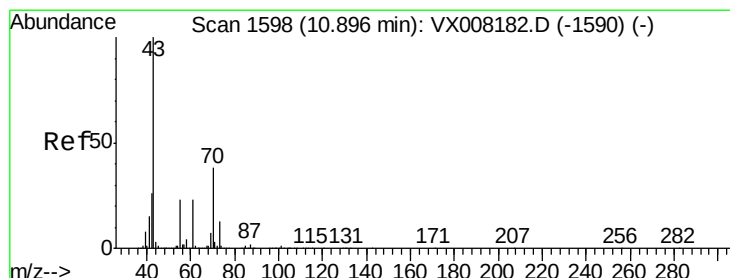
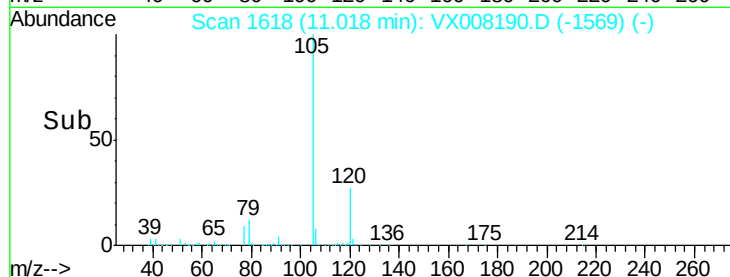
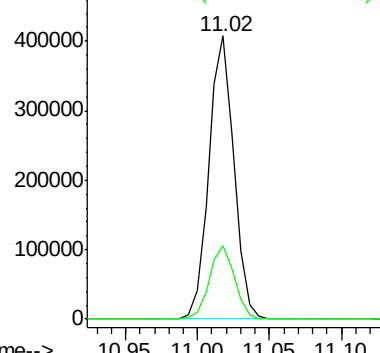
105 100

120 25.9 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.583 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Tgt Ion: 43 Resp: 253882

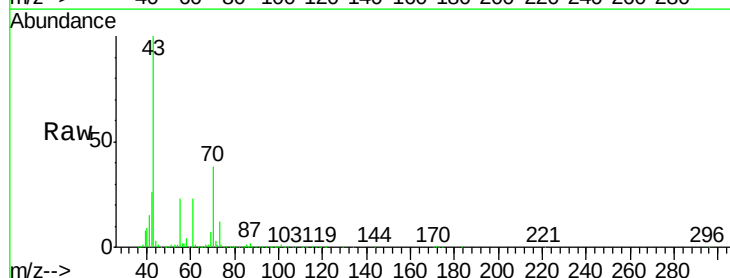
Ion Ratio Lower Upper

43 100

70 39.3 33.5 50.3

55 24.0 19.2 28.8

61 23.0 19.0 28.6

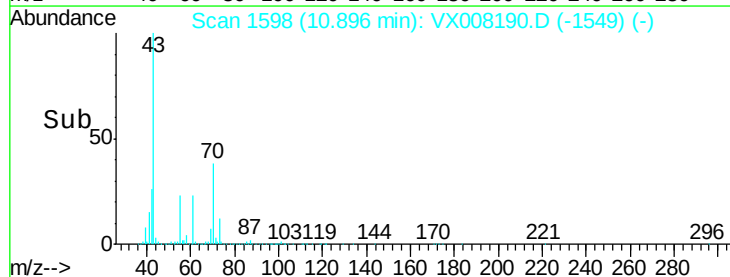
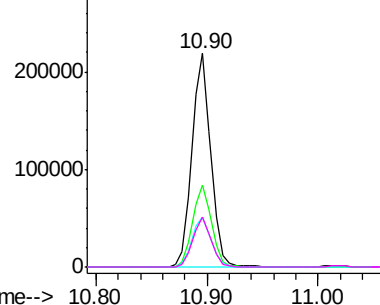


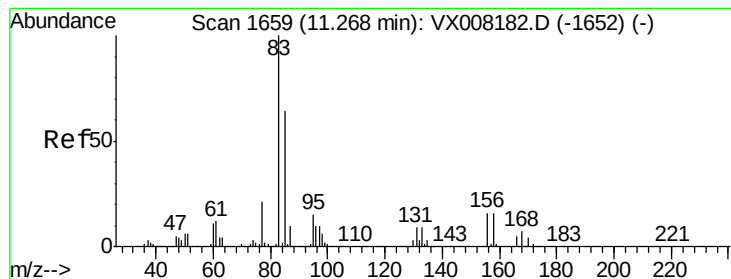
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.926 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

ClientSampleId :

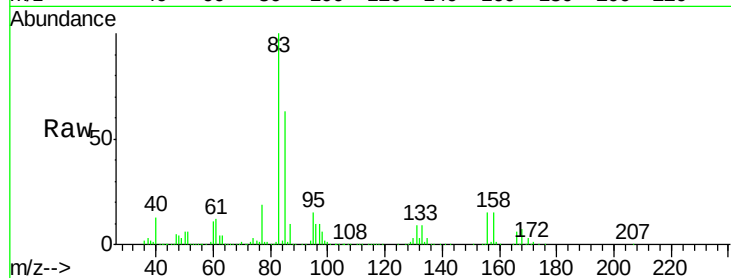
Tot Ion: 83 Resp: 168699

Ion Ratio Lower Upper

83 100

131 9.2 5.4 16.2

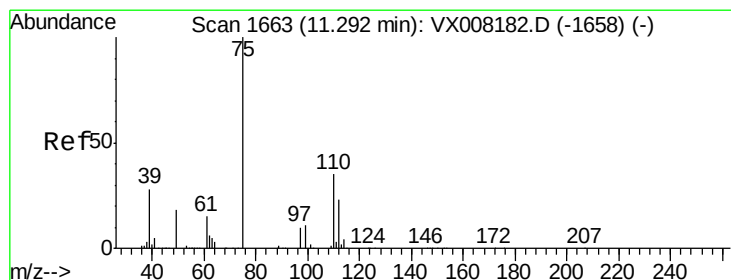
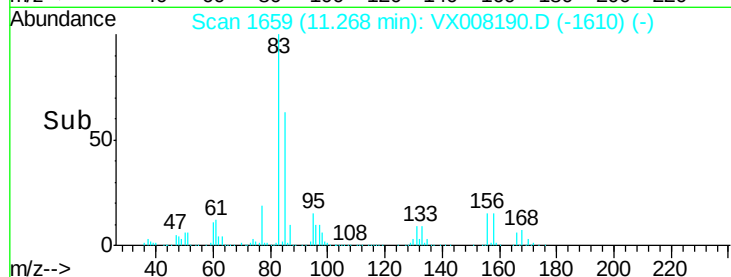
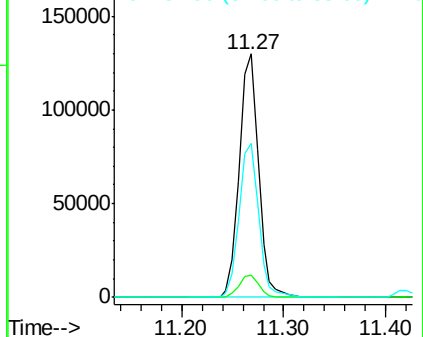
85 64.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 29.888 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008190.D

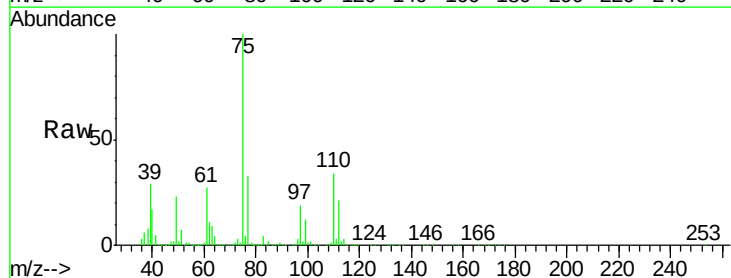
Acq: 19 Mar 2019 14:46

Tgt Ion: 75 Resp: 202363

Ion Ratio Lower Upper

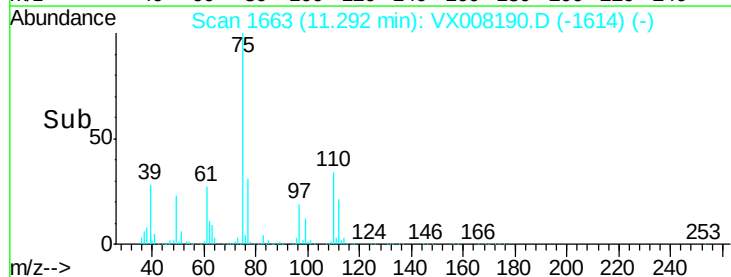
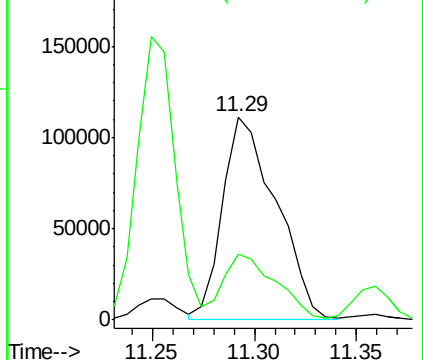
75 100

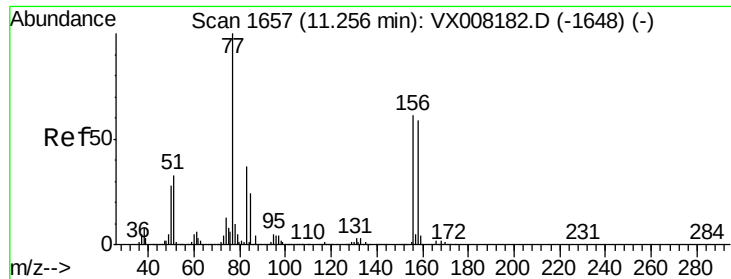
77 32.2 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 22.016 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

ClientSampled :

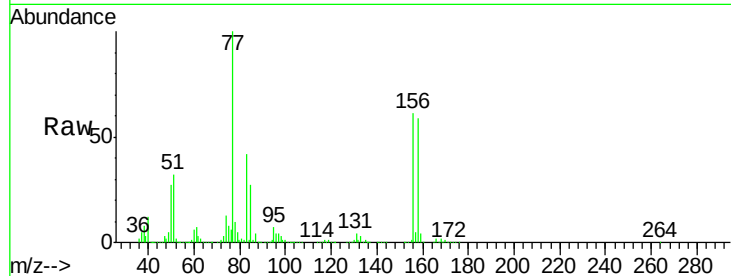
Tot Ion:156 Resp: 114217

Ion Ratio Lower Upper

156 100

77 175.9 72.0 215.9

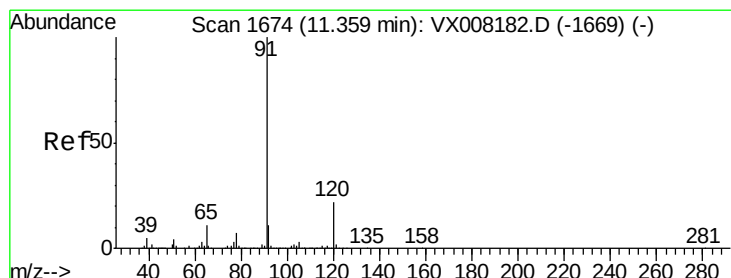
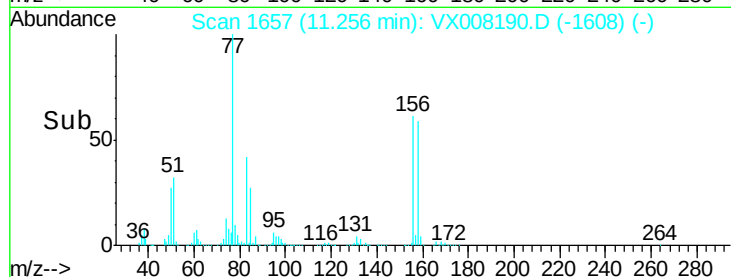
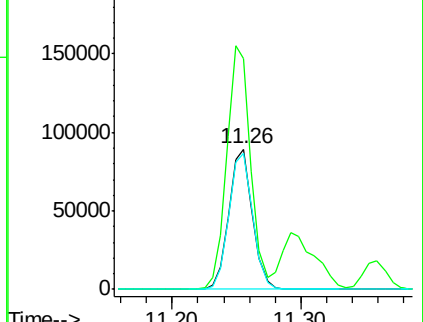
158 98.2 48.6 145.9



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: 23.184 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008190.D

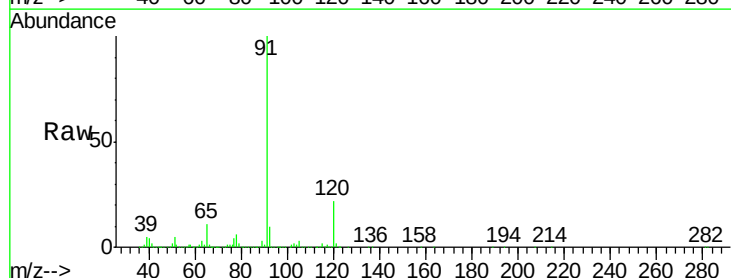
Acq: 19 Mar 2019 14:46

Tgt Ion: 91 Resp: 577777

Ion Ratio Lower Upper

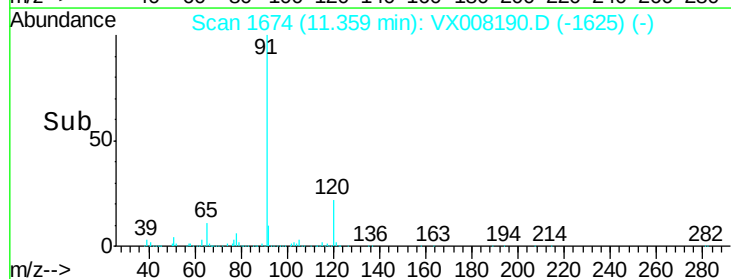
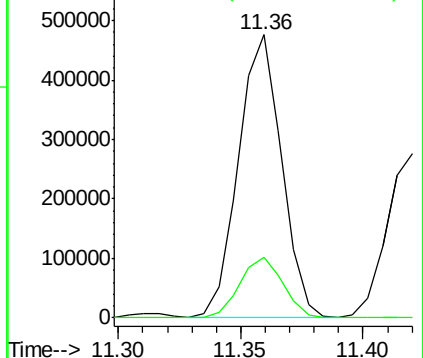
91 100

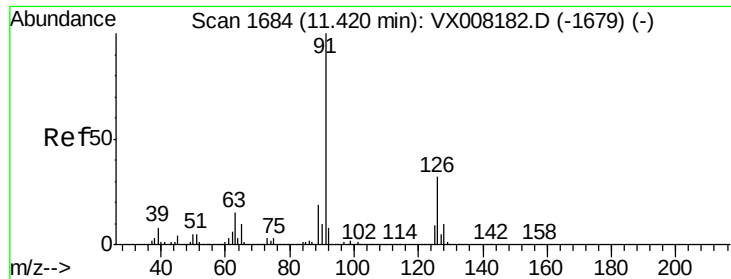
120 21.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.788 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

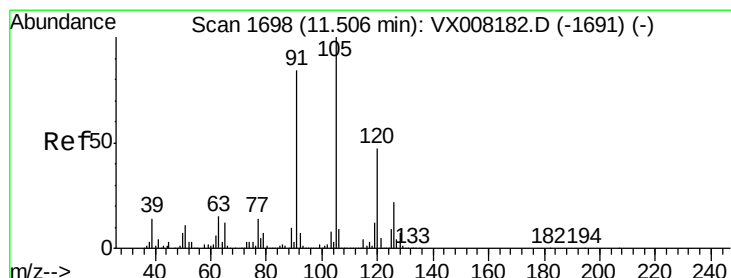
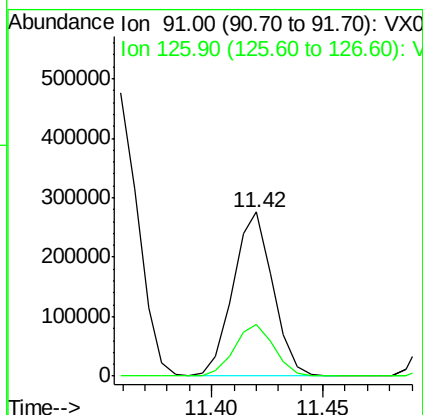
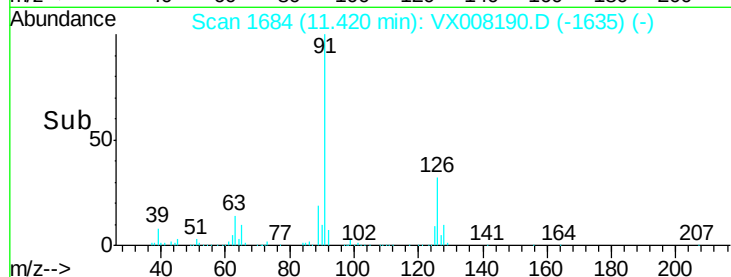
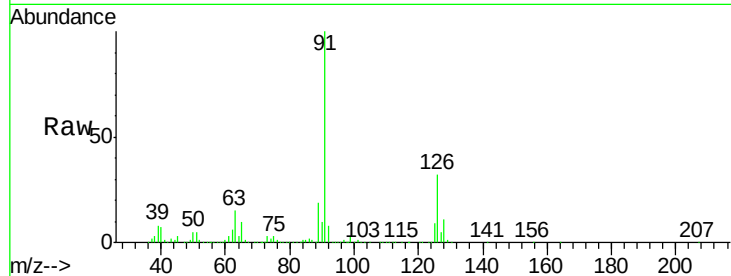
ClientSampled :

Tot Ion: 91 Resp: 340868

Ion Ratio Lower Upper

91 100

126 31.7 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 23.017 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008190.D

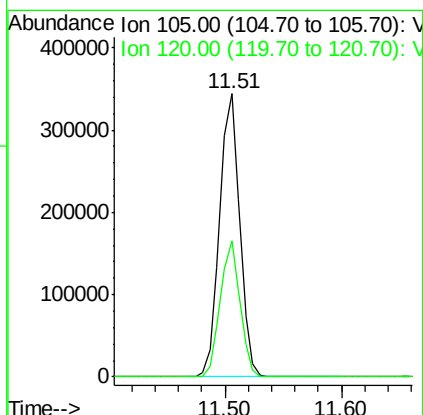
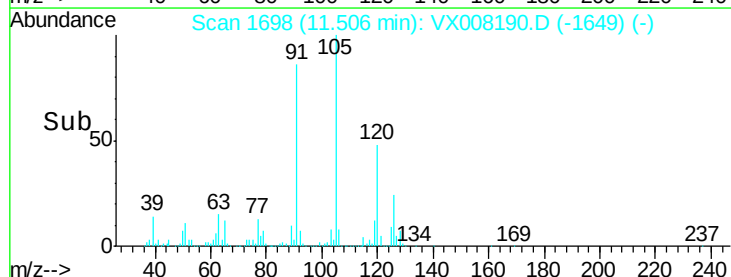
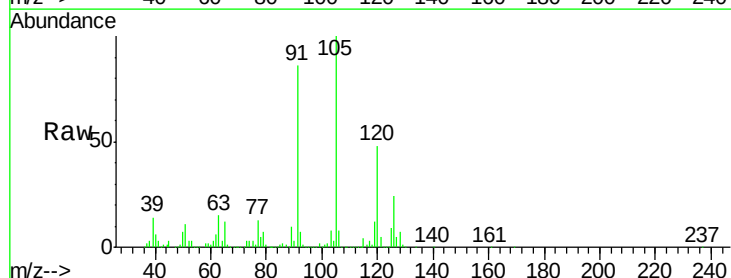
Acq: 19 Mar 2019 14:46

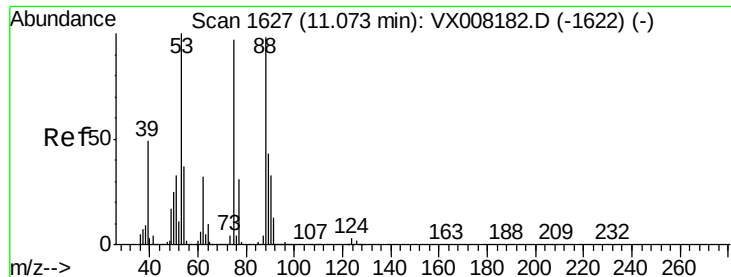
Tgt Ion: 105 Resp: 408018

Ion Ratio Lower Upper

105 100

120 47.4 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 20.424 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

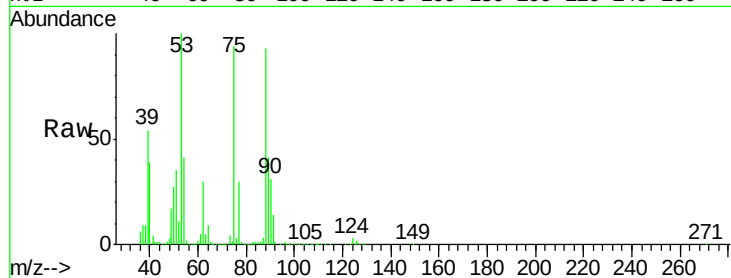
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 51919

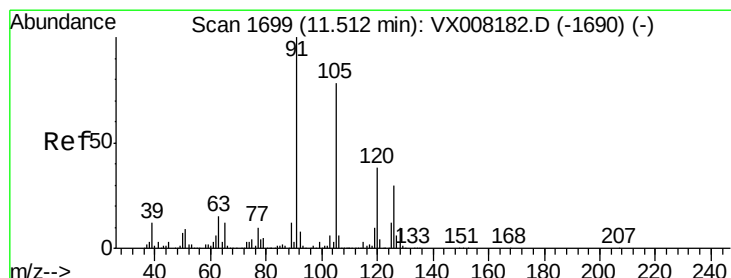
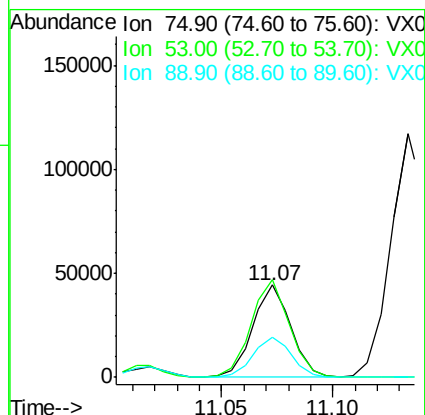
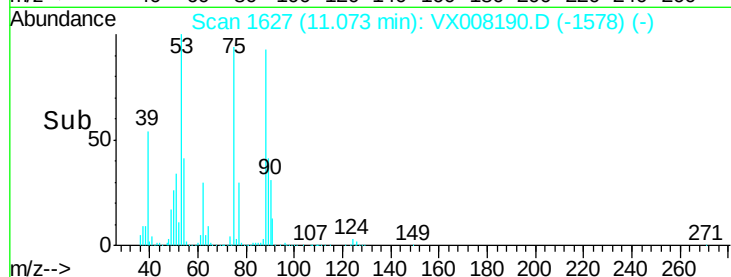
Ion	Ratio	Lower	Upper
75	100		
53	108.4	76.1	114.1
89	45.2	36.3	54.5



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: 22.396 ug/l

RT: 11.51 min Scan# 1698

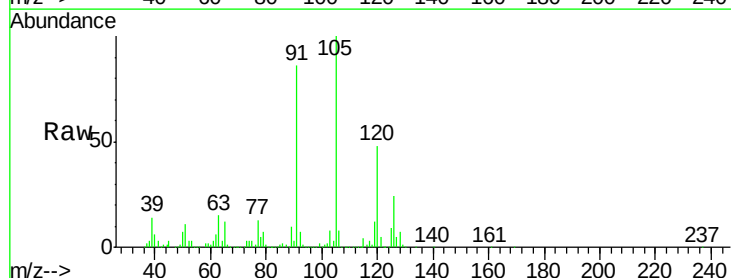
Delta R.T. -0.01 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

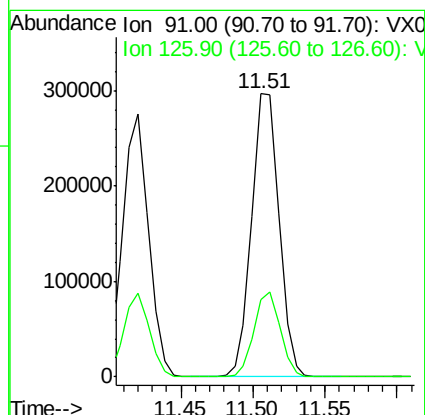
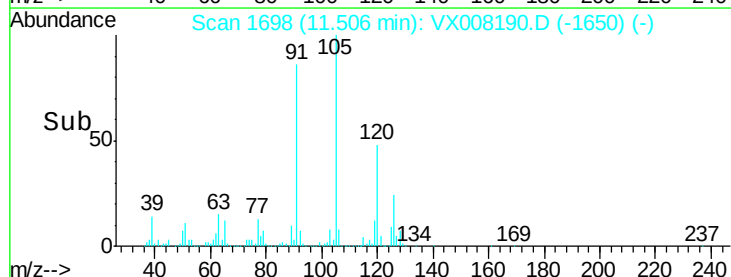
Tgt Ion: 91 Resp: 389835

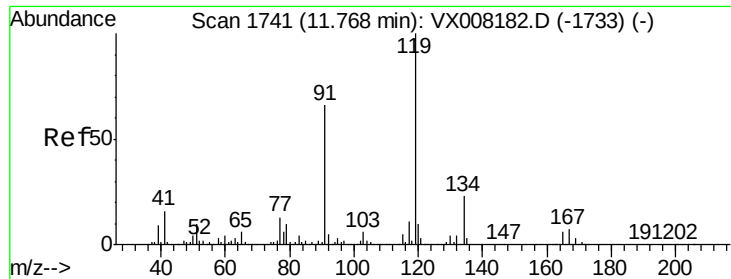
Ion	Ratio	Lower	Upper
91	100		
126	28.5	15.6	46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

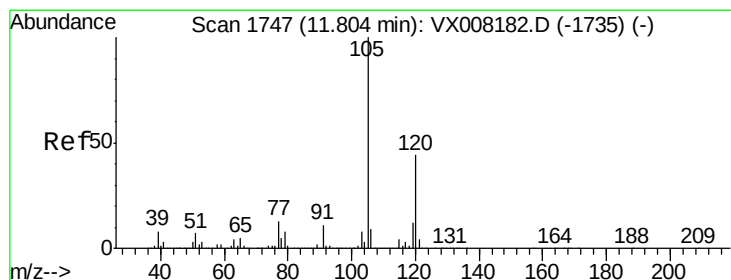
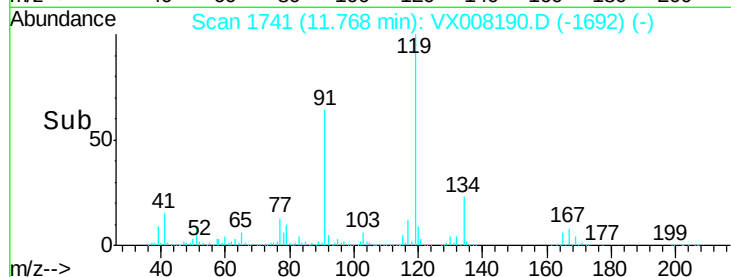
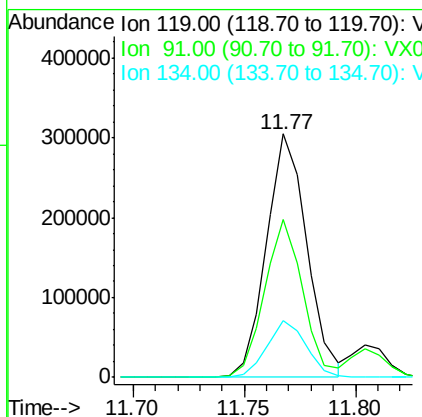
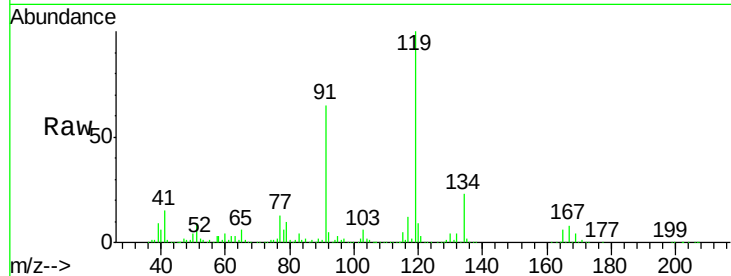




#83
 tert-Butylbenzene
 Concen: 22.759 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008190.D
 Acq: 19 Mar 2019 14:46

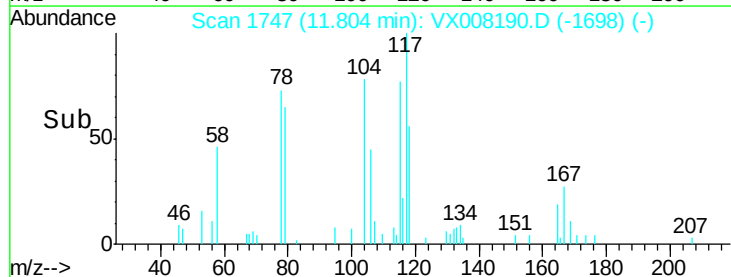
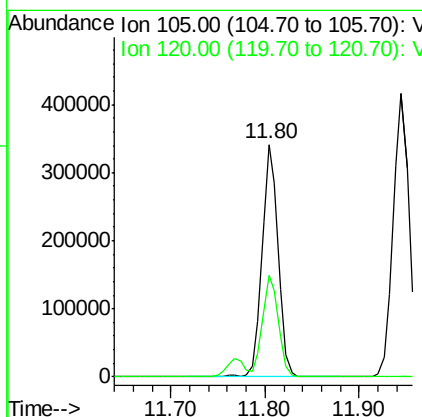
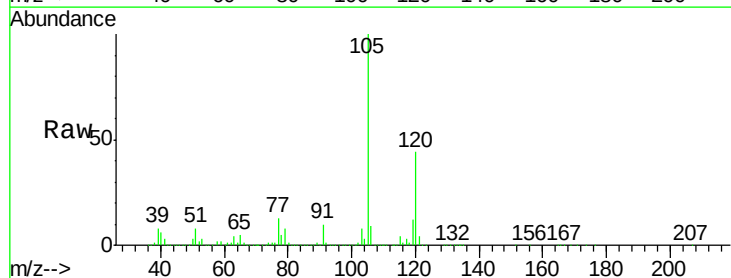
Instrument :
 MSVOA_X
 ClientSampled :

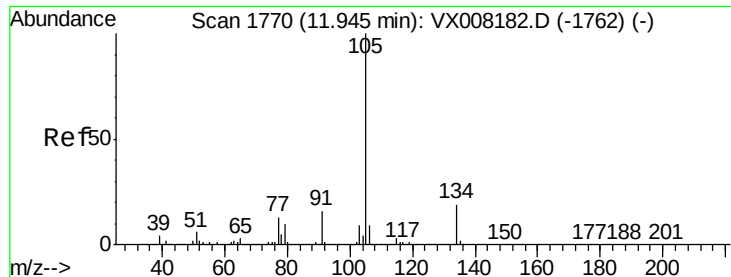
Tot Ion:119 Resp: 385192
 Ion Ratio Lower Upper
 119 100
 91 61.4 27.1 81.3
 134 22.7 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 22.950 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008190.D
 Acq: 19 Mar 2019 14:46

Tgt Ion:105 Resp: 412452
 Ion Ratio Lower Upper
 105 100
 120 43.2 22.6 67.7





#85

sec-Butylbenzene

Concen: 23.444 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

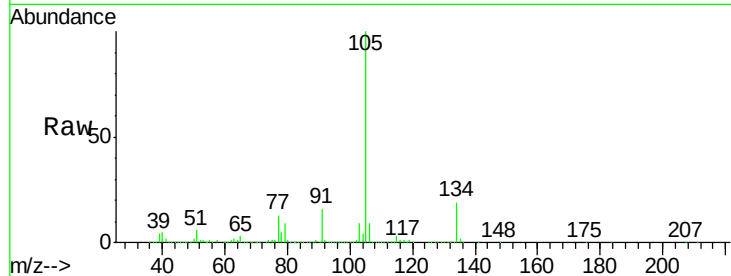
ClientSampleId :

Tot Ion:105 Resp: 491372

Ion Ratio Lower Upper

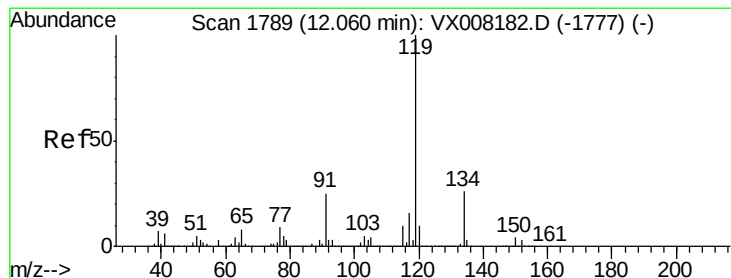
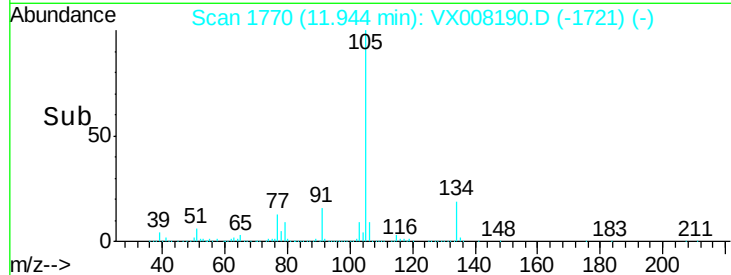
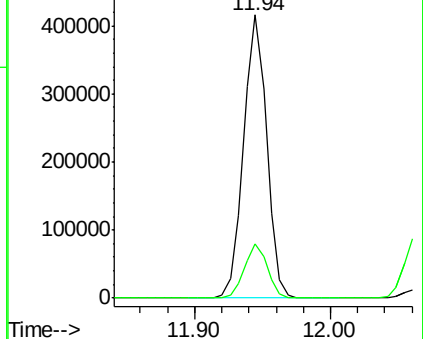
105 100

134 19.0 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 23.528 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

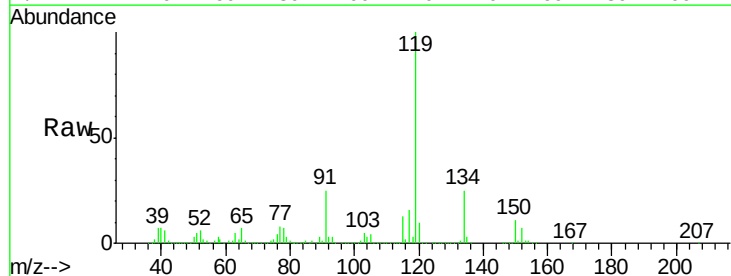
Tgt Ion:119 Resp: 426848

Ion Ratio Lower Upper

119 100

134 25.9 13.3 39.9

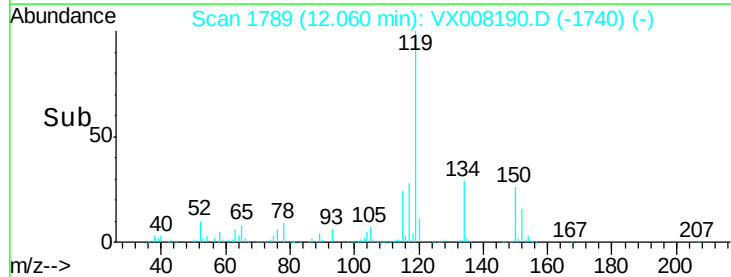
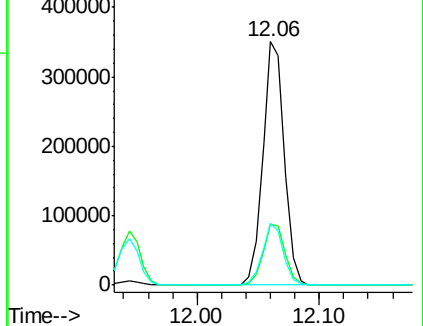
91 24.5 10.9 32.7

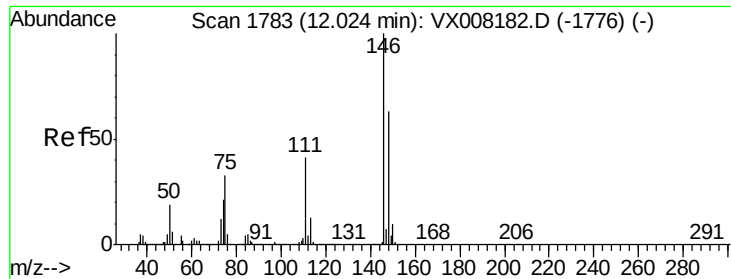


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 22.513 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

ClientSampleId :

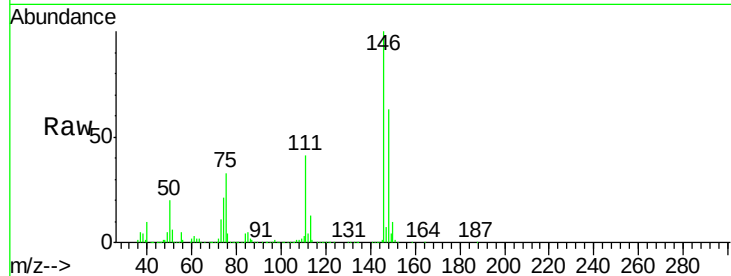
Tot Ion:146 Resp: 208736

Ion Ratio Lower Upper

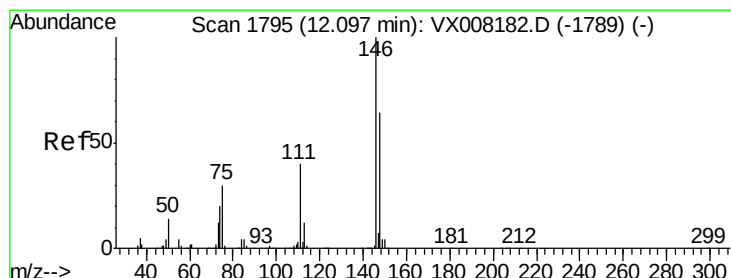
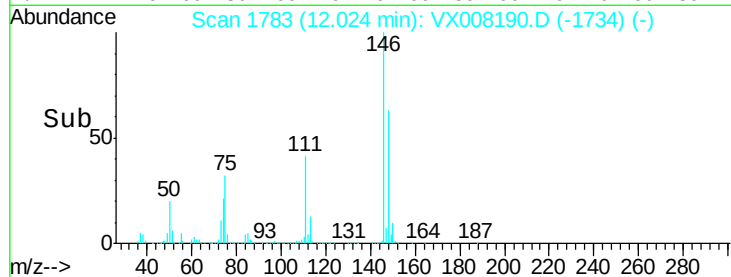
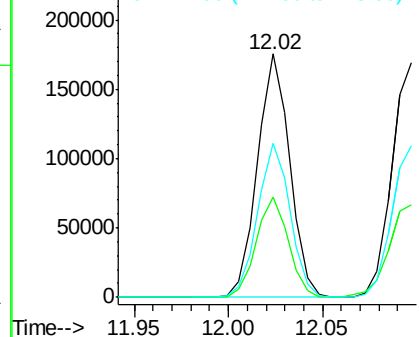
146 100

111 40.8 18.9 56.7

148 63.2 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: 21.835 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

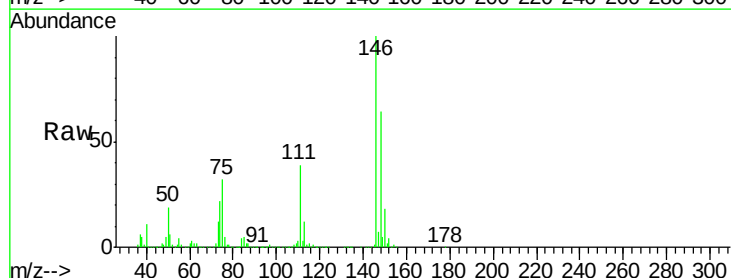
Tgt Ion:146 Resp: 209404

Ion Ratio Lower Upper

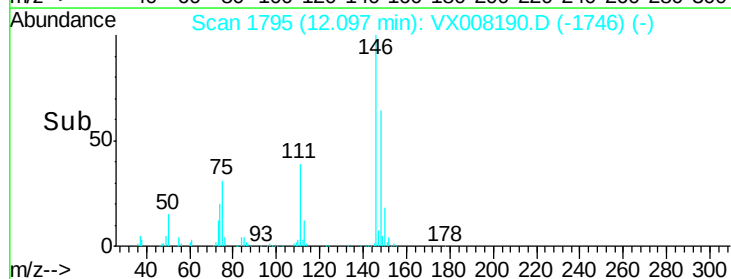
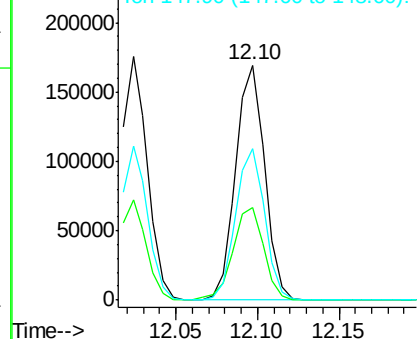
146 100

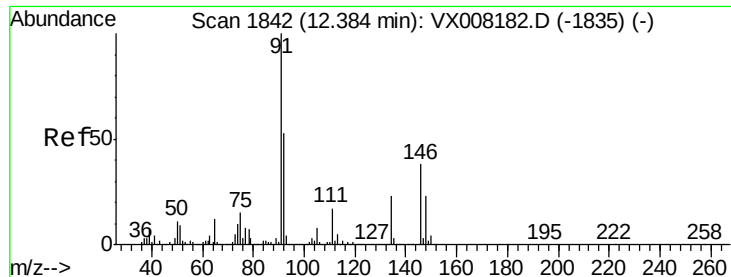
111 41.7 18.4 55.0

148 64.7 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: 22.766 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

ClientSampled :

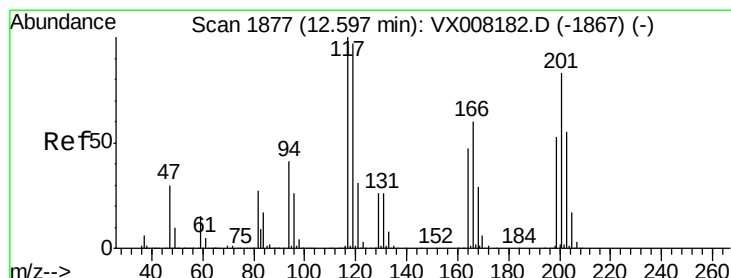
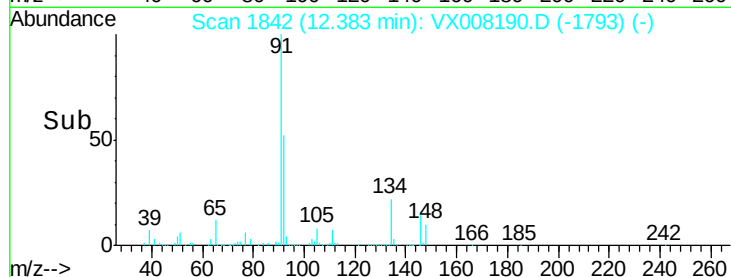
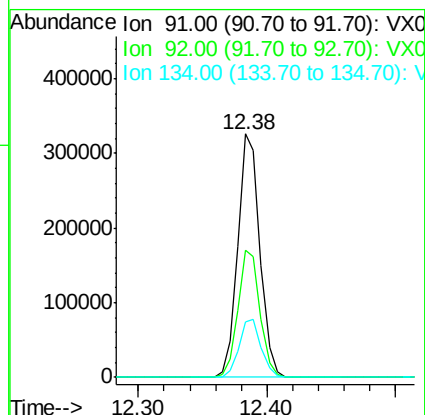
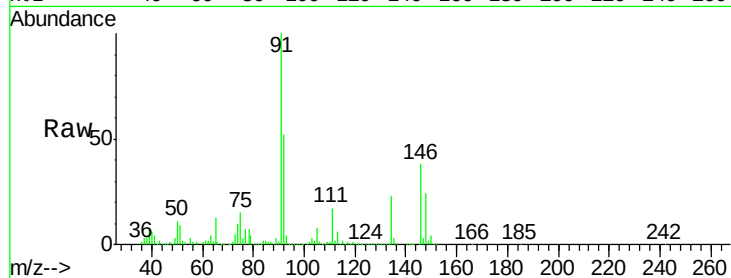
Tot Ion: 91 Resp: 387661

Ion Ratio Lower Upper

91 100

92 52.3 27.0 80.8

134 23.9 13.7 41.0



#90

Hexachloroethane

Concen: 22.351 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008190.D

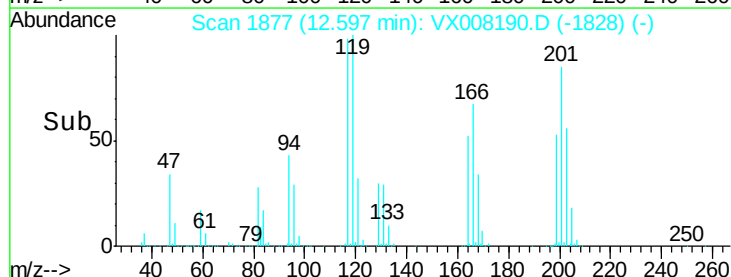
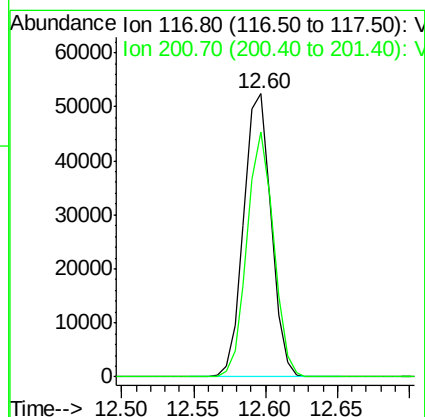
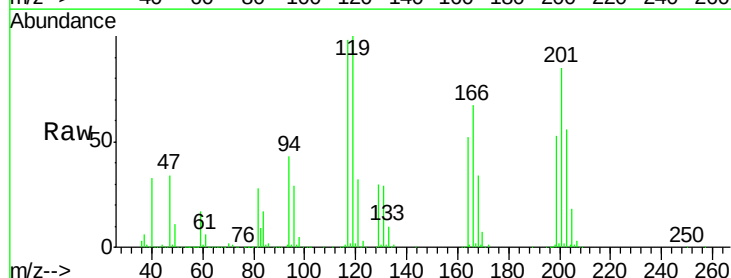
Acq: 19 Mar 2019 14:46

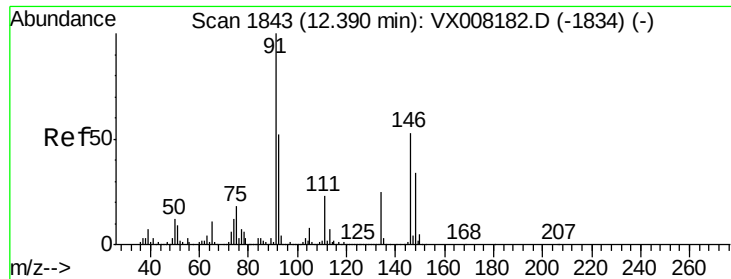
Tgt Ion: 117 Resp: 69059

Ion Ratio Lower Upper

117 100

201 83.7 48.9 146.7

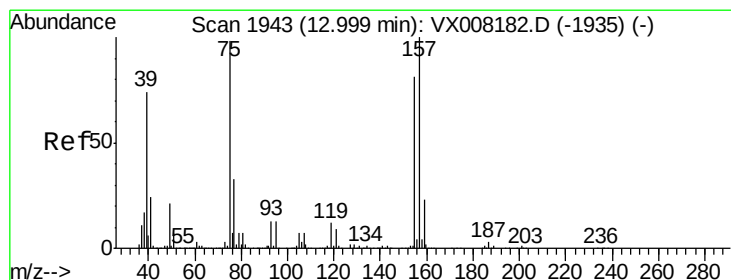
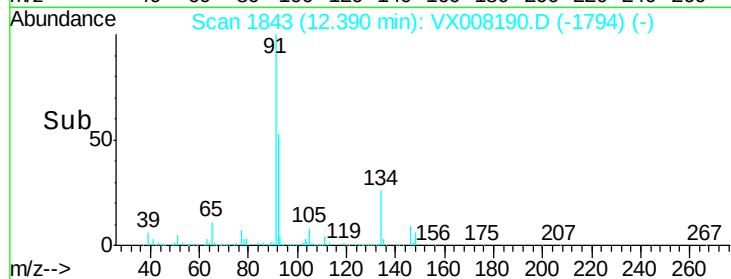
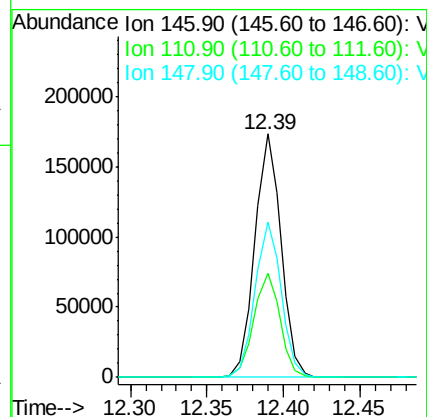
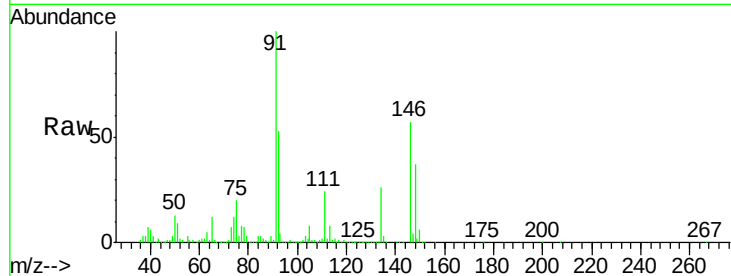




#91
 1,2-Dichlorobenzene
 Concen: 22.198 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008190.D
 Acq: 19 Mar 2019 14:46

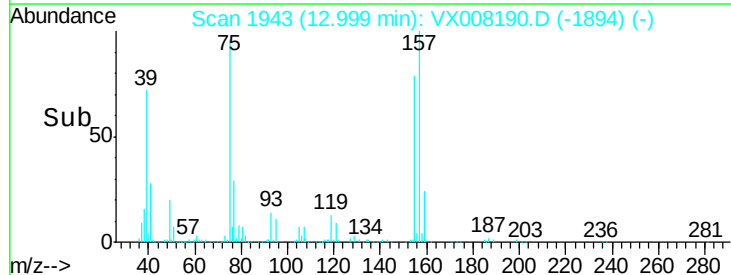
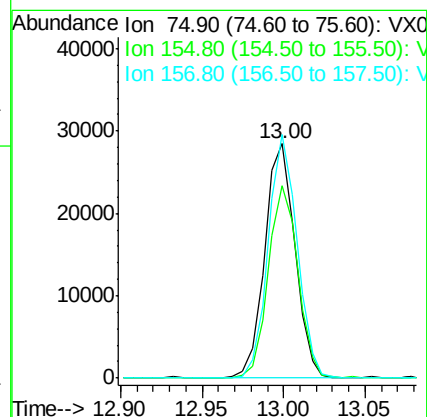
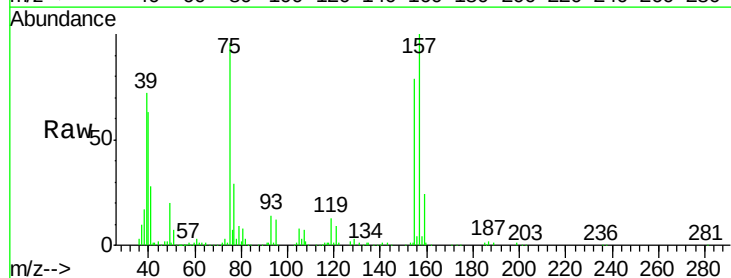
Instrument :
 MSVOA_X
 ClientSampleId :

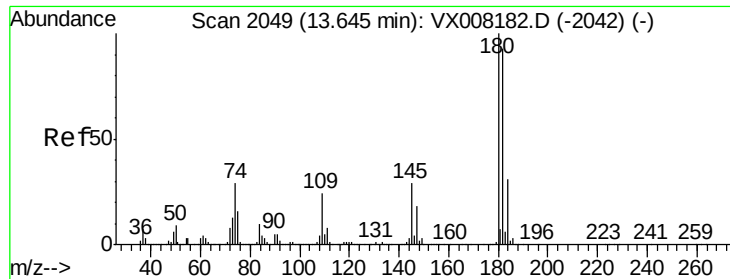
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	19.6	58.8
148	63.7	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.402 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008190.D
 Acq: 19 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.3	49.7	149.1
157	99.3	63.8	191.4

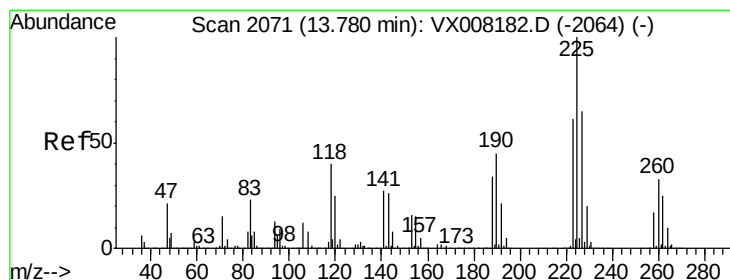
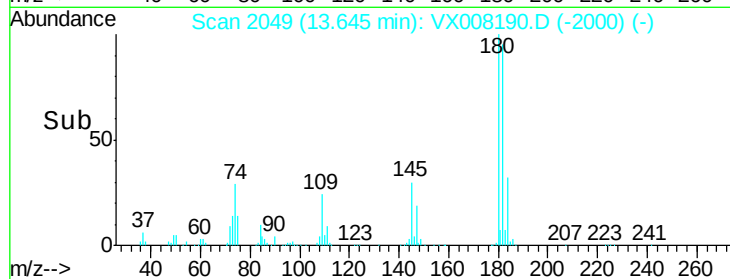
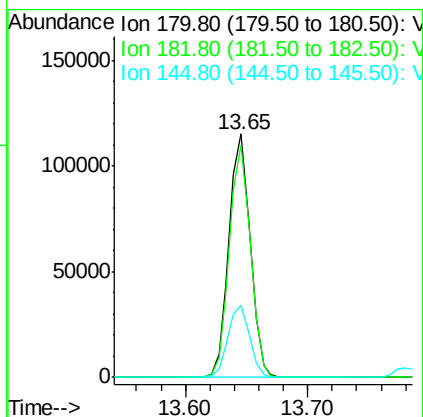
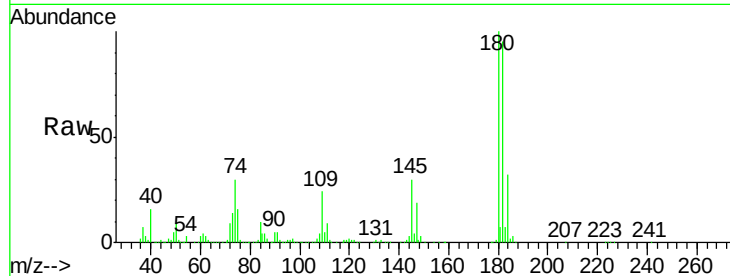




#93
 1,2,4-Trichlorobenzene
 Concen: 22.430 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008190.D
 Acq: 19 Mar 2019 14:46

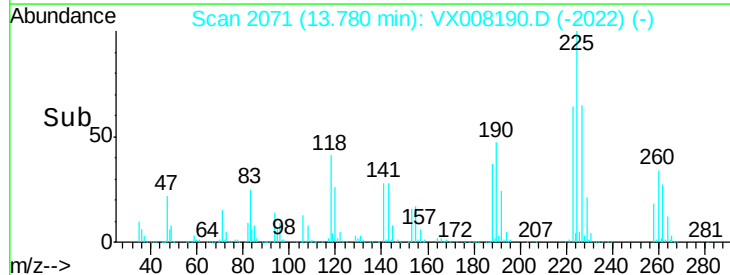
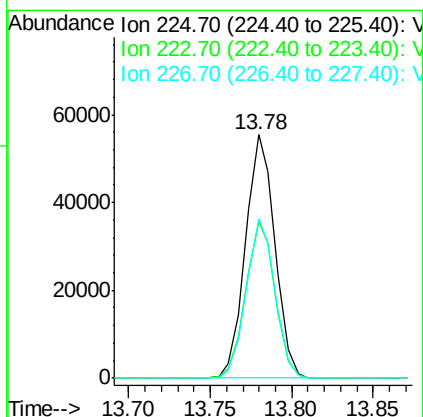
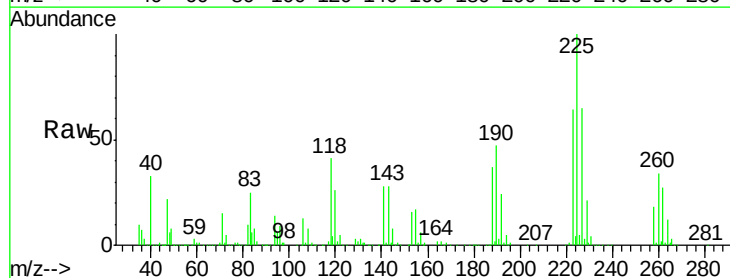
Instrument :
 MSVOA_X
 ClientSampleId :

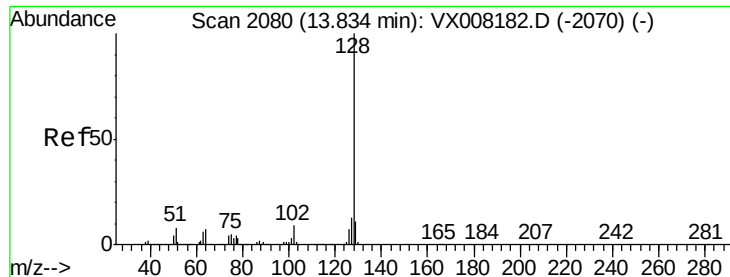
Tot Ion:180 Resp: 138116
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.9 143.7
 145 30.2 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 23.218 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008190.D
 Acq: 19 Mar 2019 14:46

Tgt Ion:225 Resp: 69729
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.1 93.2
 227 63.7 32.0 96.0





#95

Naphthalene

Concen: 22.738 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

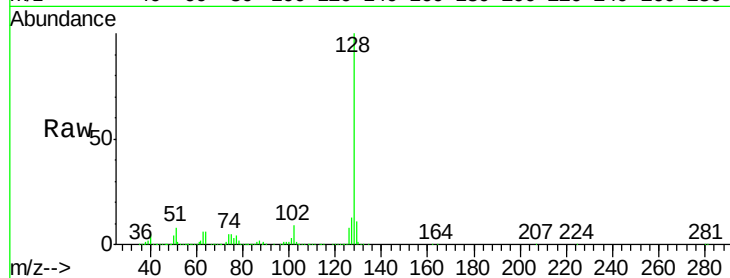
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 441917

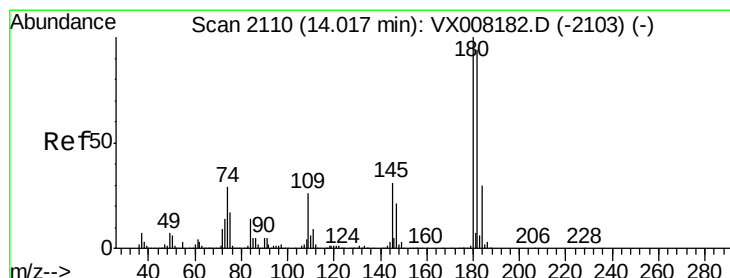
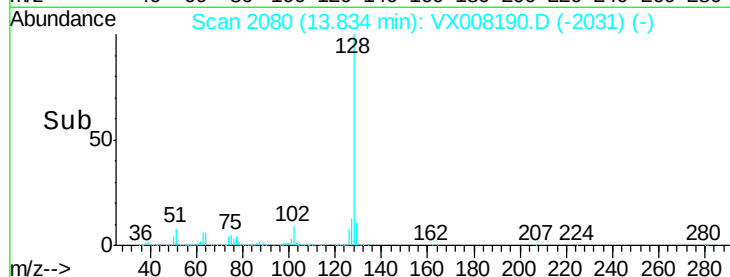
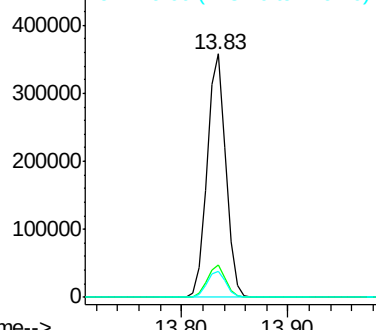
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.0	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 22.333 ug/l

RT: 14.02 min Scan# 2110

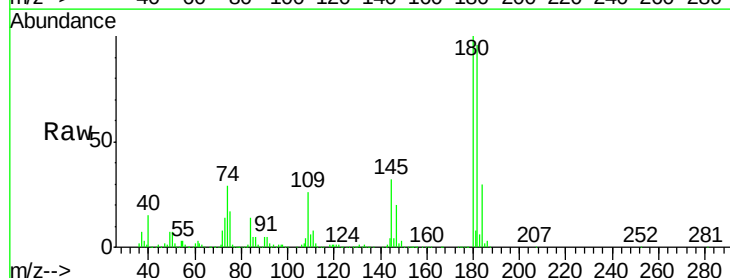
Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Tgt Ion:180 Resp: 135314

Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.5	142.5
145	32.2	14.8	44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

