

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010719\
 Data File : VX006937.D
 Acq On : 07 Jan 2019 15:55
 Operator : JC/MD
 Sample : VX0107WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 08 06:34:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	495841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	752265	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	683190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	346109	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	272310	50.96	ug/l	0.00
Spiked Amount			Recovery	=	101.92%	
35) Dibromofluoromethane	5.50	113	250973	52.76	ug/l	0.00
Spiked Amount			Recovery	=	105.52%	
50) Toluene-d8	8.71	98	900784	50.23	ug/l	0.00
Spiked Amount			Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.13	95	324331	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	69098	15.233	ug/l	97
3) Chloromethane	1.33	50	82013	16.782	ug/l	99
4) Vinyl Chloride	1.41	62	88920	17.422	ug/l	97
5) Bromomethane	1.64	94	90447	17.753	ug/l	98
6) Chloroethane	1.72	64	60360	17.080	ug/l	97
7) Trichlorofluoromethane	1.93	101	145276	18.256	ug/l	99
8) Diethyl Ether	2.19	74	60083	19.010	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	88103	18.857	ug/l	99
10) Methyl Iodide	2.51	142	123028	18.395	ug/l	99
11) Tert butyl alcohol	3.07	59	134321	112.626	ug/l	98
12) 1,1-Dichloroethene	2.37	96	79080	17.850	ug/l	99
13) Acrolein	2.29	56	71427	88.778	ug/l	95
14) Allyl chloride	2.73	41	140415	18.830	ug/l	99
15) Acrylonitrile	3.15	53	283673	107.127	ug/l	100
16) Acetone	2.45	43	237970	96.926	ug/l	100
17) Carbon Disulfide	2.57	76	151581	12.929	ug/l	99
18) Methyl Acetate	2.78	43	200404	27.759	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	311529	21.187	ug/l	98
20) Methylene Chloride	2.86	84	97145	19.135	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	84908	17.298	ug/l	99
22) Diisopropyl ether	3.87	45	286926	21.032	ug/l	93
23) Vinyl Acetate	3.82	43	1135546	101.761	ug/l	100
24) 1,1-Dichloroethane	3.70	63	156371	19.201	ug/l	99
25) 2-Butanone	4.70	43	352875	102.178	ug/l	98
26) 2,2-Dichloropropane	4.59	77	105809	16.820	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	106412	19.648	ug/l	97
28) Bromochloromethane	5.01	49	74058	20.478	ug/l	96
29) Tetrahydrofuran	5.15	42	237611	104.463	ug/l	97
30) Chloroform	5.21	83	170457	20.212	ug/l	96
31) Cyclohexane	5.57	56	122676	16.581	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	138134	19.398	ug/l	98
36) 1,1-Dichloropropene	5.80	75	112883	18.118	ug/l	100
37) Ethyl Acetate	4.86	43	135226	20.853	ug/l	100
38) Carbon Tetrachloride	5.78	117	112606	18.597	ug/l	95

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 08 06:34:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	134522	16.400	ug/l	97
40) Benzene	6.14	78	366314	19.342	ug/l	98
41) Methacrylonitrile	5.06	41	75436	21.911	ug/l	98
42) 1,2-Dichloroethane	6.20	62	127738	19.794	ug/l	100
43) Isopropyl Acetate	6.46	43	215576	21.848	ug/l	98
44) Trichloroethene	7.21	130	105478	18.401	ug/l	97
45) 1,2-Dichloropropane	7.52	63	92615	20.096	ug/l	98
46) Dibromomethane	7.66	93	66363	19.576	ug/l	99
47) Bromodichloromethane	7.90	83	113395	20.148	ug/l	97
48) Methyl methacrylate	7.77	41	107805	21.485	ug/l	98
49) 1,4-Dioxane	7.75	88	52812	390.152	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	708678	112.882	ug/l	99
52) Toluene	8.79	92	242627	19.830	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	118443	19.623	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	132861	20.060	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	103510	20.669	ug/l	99
56) Ethyl methacrylate	9.18	69	150918	21.321	ug/l	97
57) 1,3-Dichloropropane	9.37	76	165137	20.495	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	392390	104.288	ug/l	99
59) 2-Hexanone	9.49	43	528246	109.973	ug/l	99
60) Dibromochloromethane	9.59	129	96375	19.869	ug/l	98
61) 1,2-Dibromoethane	9.67	107	108588	20.397	ug/l	100
64) Tetrachloroethene	9.34	164	98874	18.277	ug/l	95
65) Chlorobenzene	10.14	112	275926	19.091	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	97925	21.716	ug/l	98
67) Ethyl Benzene	10.25	91	443441	18.776	ug/l	97
68) m/p-Xylenes	10.36	106	354496	38.038	ug/l	98
69) o-Xylene	10.69	106	175063	19.023	ug/l	99
70) Styrene	10.71	104	278706	19.143	ug/l	98
71) Bromoform	10.86	173	70089	20.154	ug/l #	98
73) Isopropylbenzene	11.02	105	457358	19.316	ug/l	99
74) N-amyl acetate	10.90	43	191381	22.581	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	153732	21.831	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	165739	25.767	ug/l	91
77) Bromobenzene	11.26	156	126378	19.742	ug/l	98
78) n-propylbenzene	11.36	91	504678	19.355	ug/l	98
79) 2-Chlorotoluene	11.42	91	306908	19.423	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	376973	19.329	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	35447	19.584	ug/l	94
82) 4-Chlorotoluene	11.51	91	349380	19.276	ug/l	100
83) tert-Butylbenzene	11.77	119	394415	20.207	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	386631	18.848	ug/l	100
85) sec-Butylbenzene	11.94	105	454881	19.008	ug/l	100
86) p-Isopropyltoluene	12.06	119	407161	19.355	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	223752	19.394	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	223407	18.890	ug/l	99
89) n-Butylbenzene	12.39	91	335527	18.741	ug/l	98
90) Hexachloroethane	12.60	117	57304	19.552	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	228729	19.819	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28144	19.316	ug/l	97

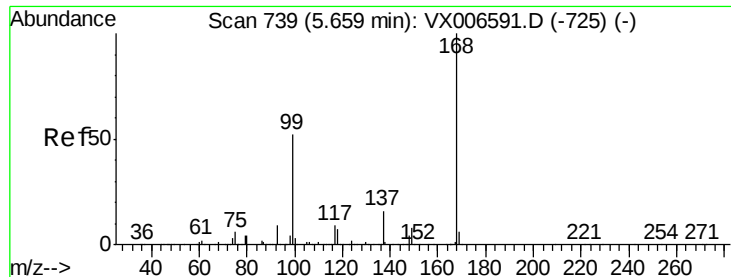
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010719\
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Quant Time: Jan 08 06:34:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	149390	18.765	ug/l	99
94) Hexachlorobutadiene	13.78	225	65921	17.568	ug/l	99
95) Naphthalene	13.83	128	472246	18.586	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	150768	18.343	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_X

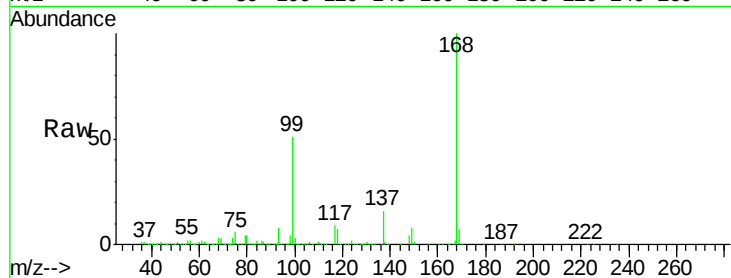
ClientSampleId :

Tot Ion:168 Resp: 495841

Ion Ratio Lower Upper

168 100

99 50.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

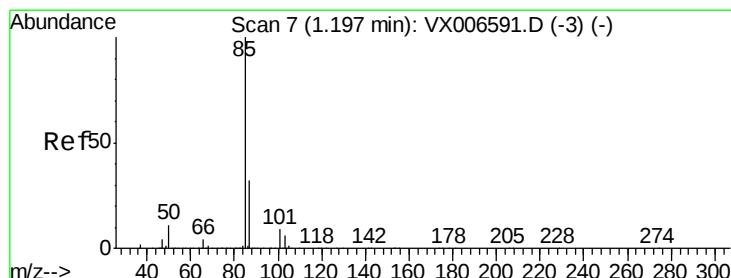
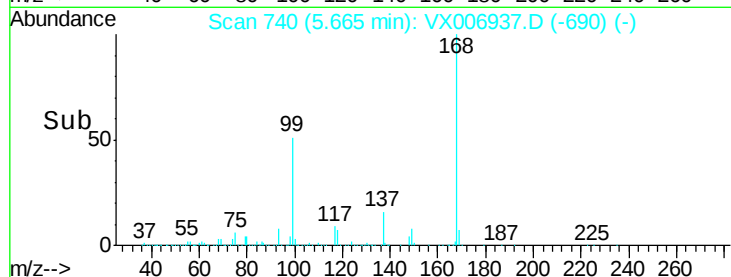
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 15.233 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006937.D

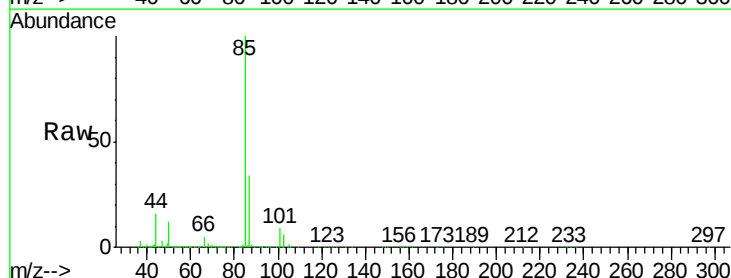
Acq: 07 Jan 2019 15:55

Tgt Ion: 85 Resp: 69098

Ion Ratio Lower Upper

85 100

87 33.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

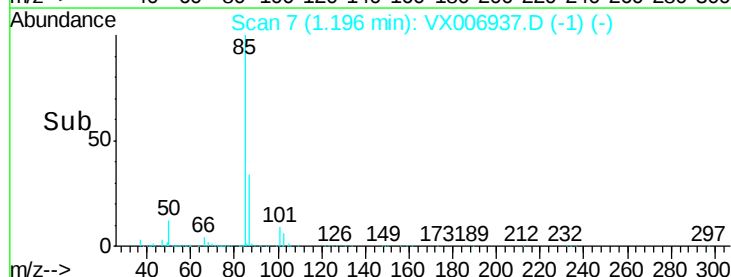
60000

40000

20000

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Time-->





#3

Chloromethane

Concen: 16.782 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_X

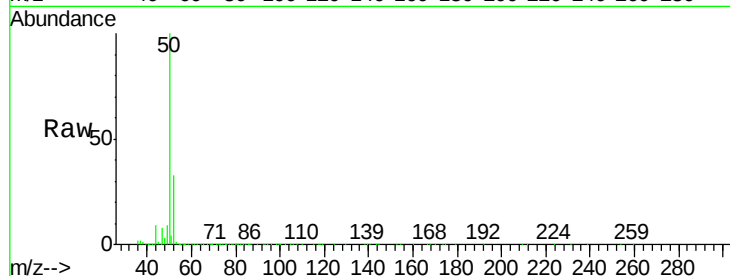
ClientSampleId :

Tot Ion: 50 Resp: 82013

Ion Ratio Lower Upper

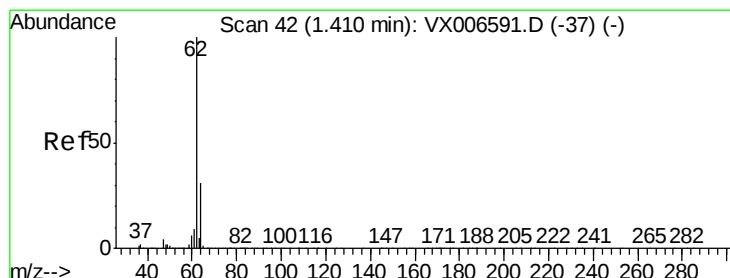
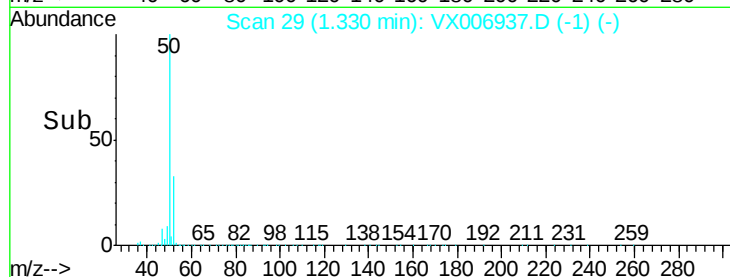
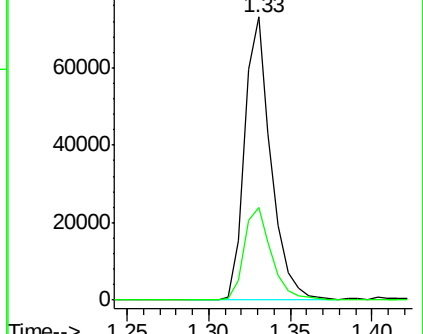
50 100

52 32.6 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.422 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006937.D

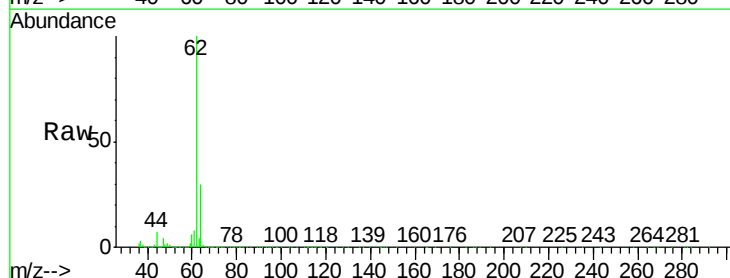
Acq: 07 Jan 2019 15:55

Tgt Ion: 62 Resp: 88920

Ion Ratio Lower Upper

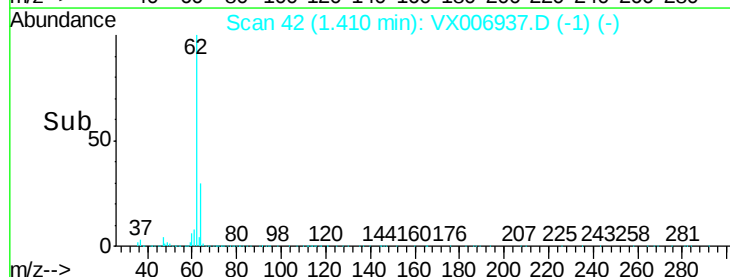
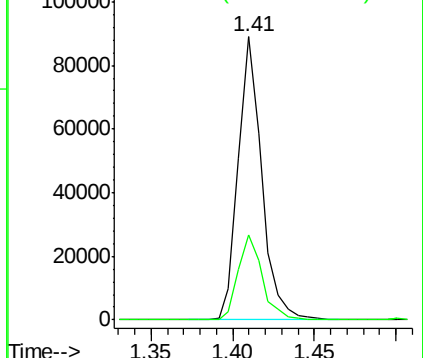
62 100

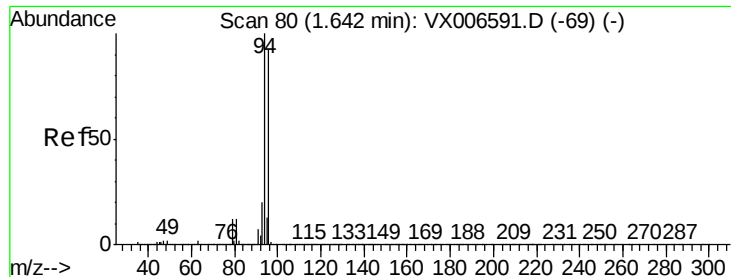
64 29.7 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.753 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_X

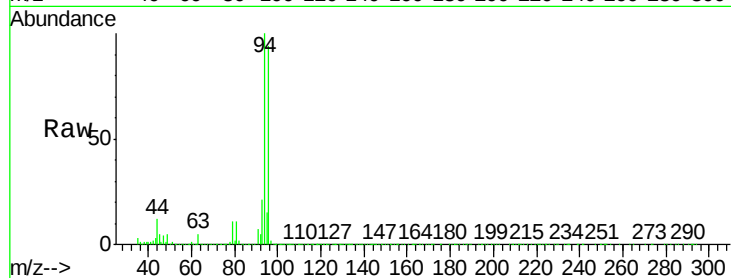
ClientSampleId :

Tot Ion: 94 Resp: 90447

Ion Ratio Lower Upper

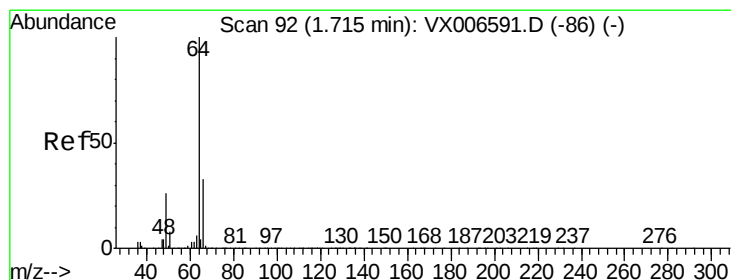
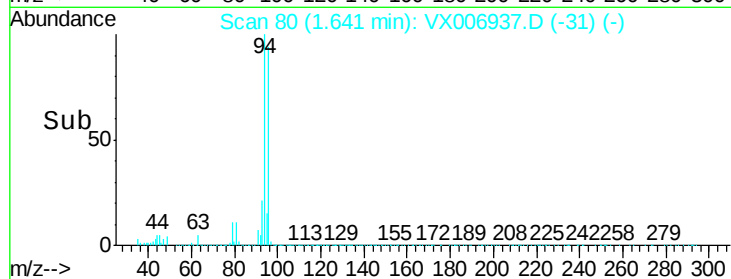
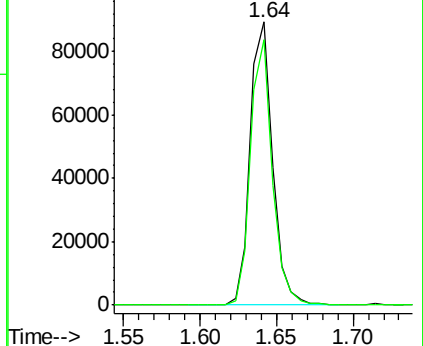
94 100

96 93.7 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.080 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006937.D

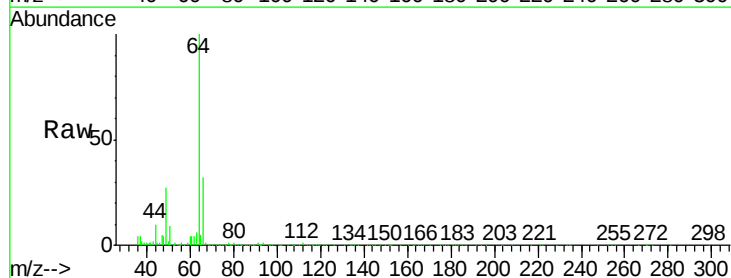
Acq: 07 Jan 2019 15:55

Tgt Ion: 64 Resp: 60360

Ion Ratio Lower Upper

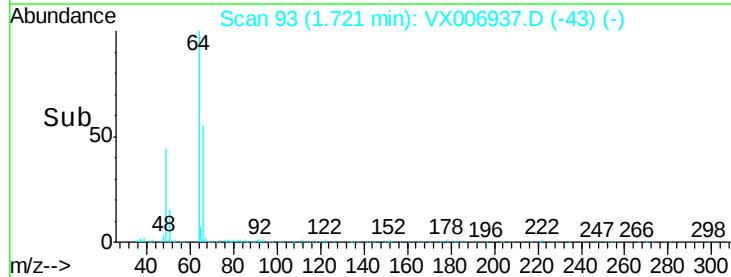
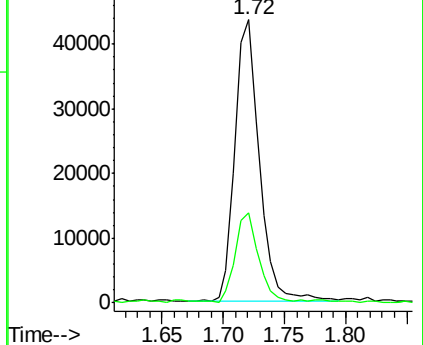
64 100

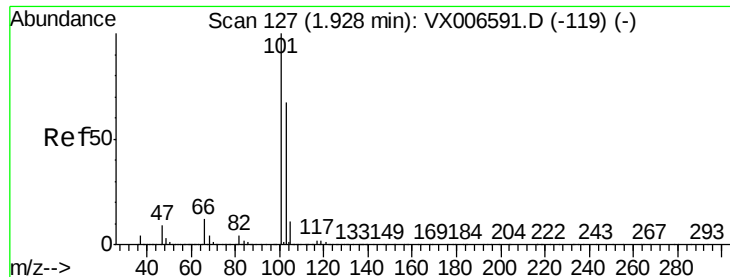
66 31.4 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



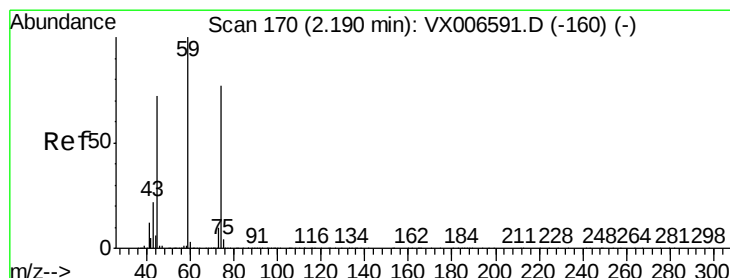
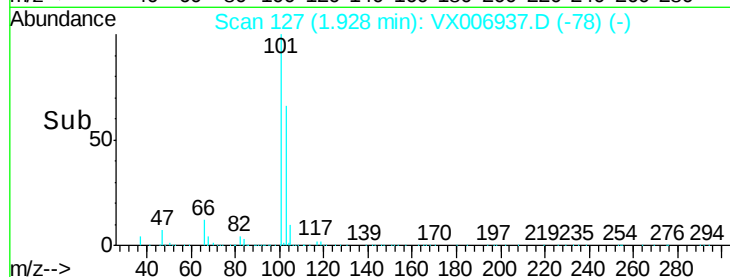
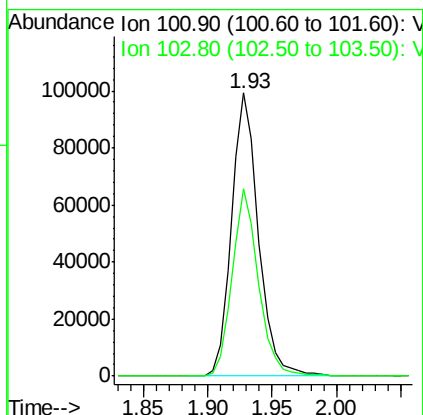
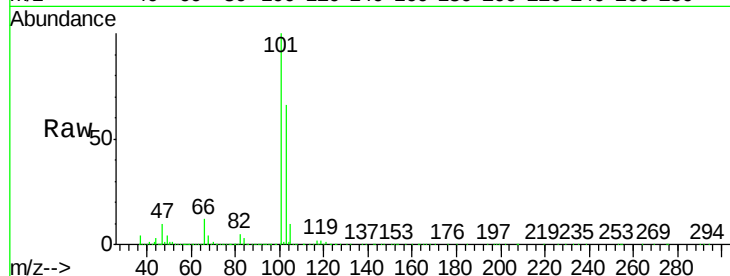


#7

Trichlorofluoromethane
Concen: 18.256 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006937.D
Acq: 07 Jan 2019 15:55

Instrument :
MSVOA_X
ClientSampleId :

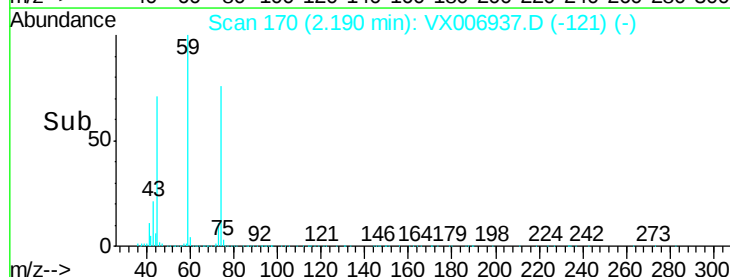
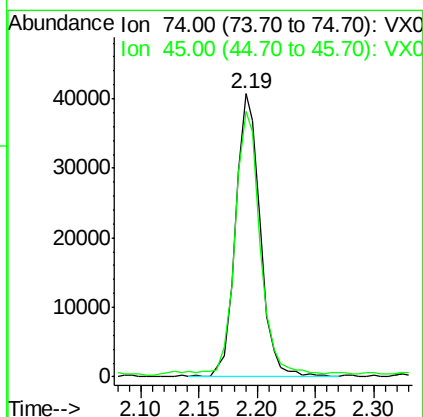
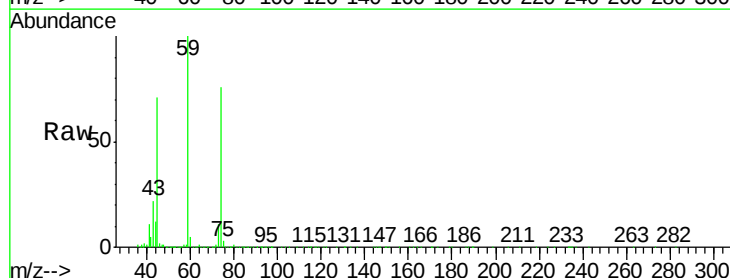
Tot Ion:101 Resp: 145276
Ion Ratio Lower Upper
101 100
103 66.1 53.2 79.8

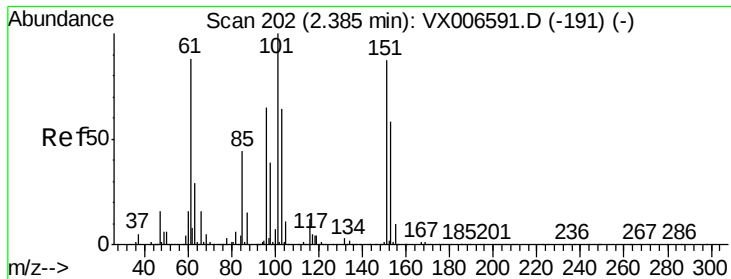


#8

Diethyl Ether
Concen: 19.010 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006937.D
Acq: 07 Jan 2019 15:55

Tgt Ion: 74 Resp: 60083
Ion Ratio Lower Upper
74 100
45 93.1 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.857 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

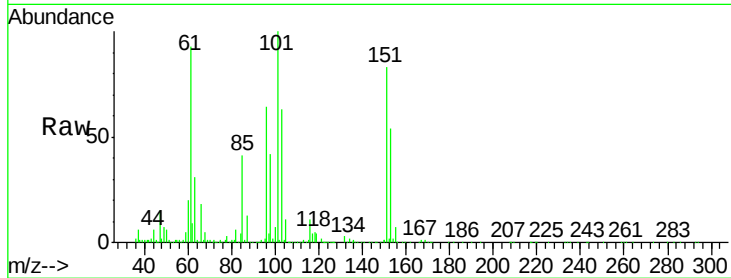
Tot Ion:101 Resp: 88103

Ion Ratio Lower Upper

101 100

85 44.2 35.1 52.7

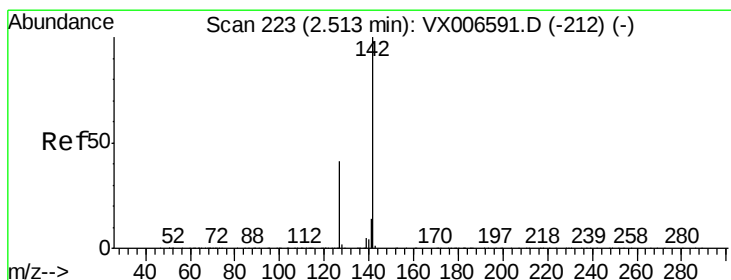
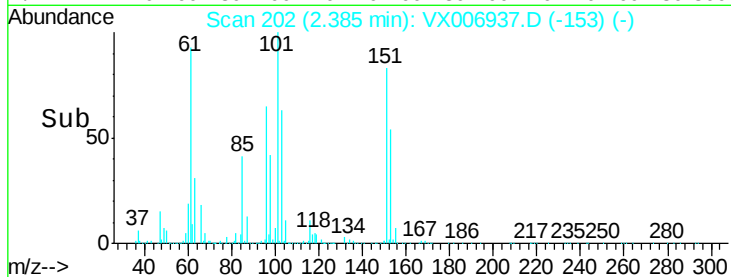
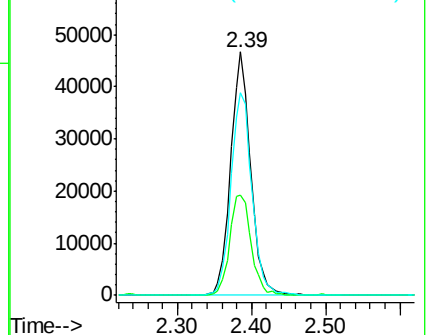
151 86.7 68.9 103.3



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: 18.395 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

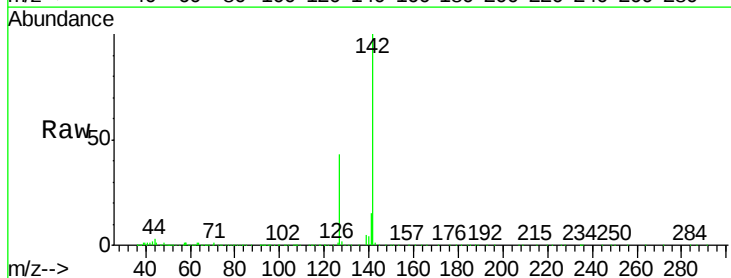
Tgt Ion:142 Resp: 123028

Ion Ratio Lower Upper

142 100

127 42.2 33.9 50.9

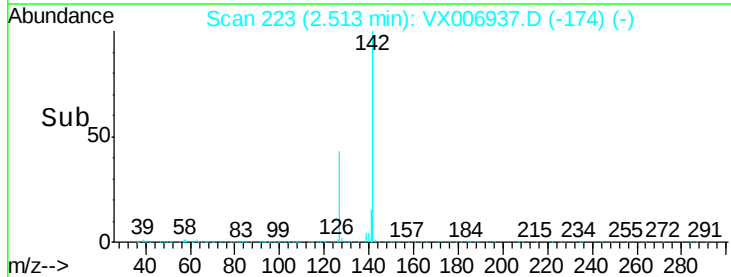
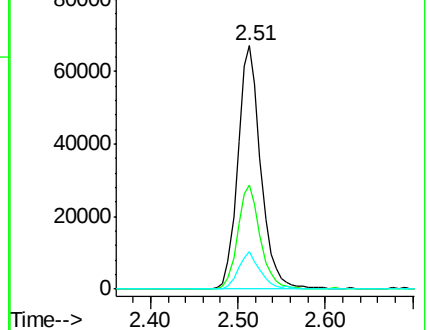
141 14.7 11.4 17.0

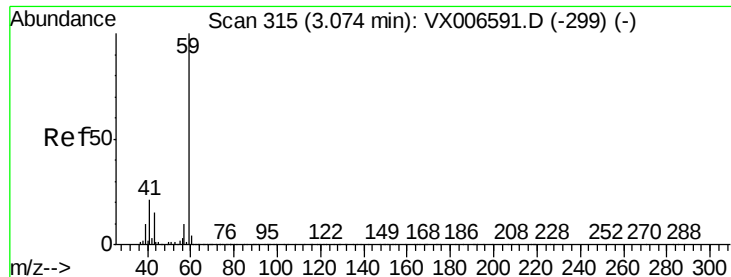


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



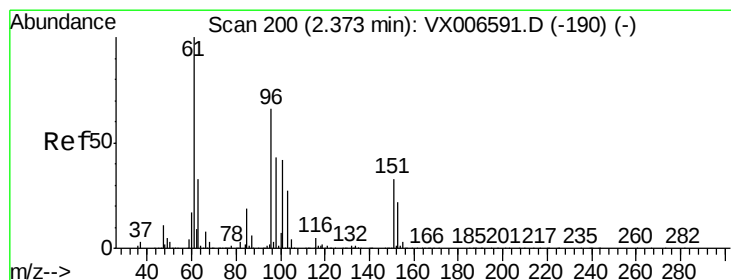
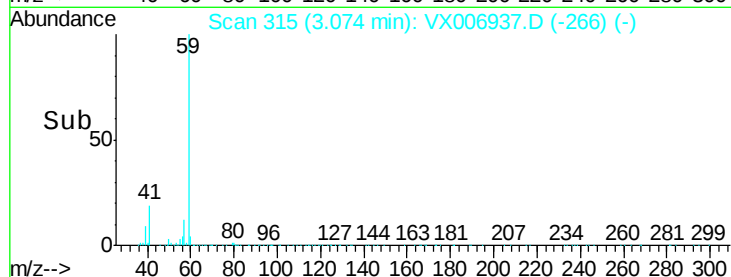
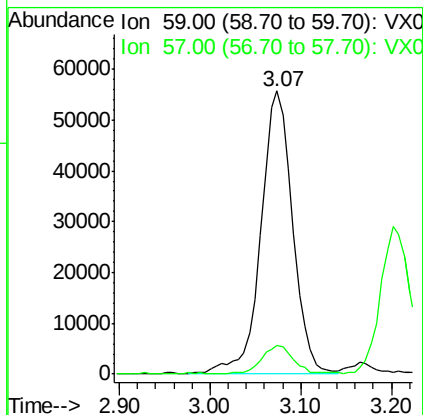
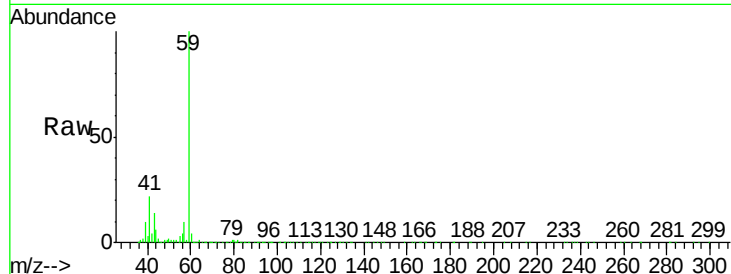


#11

Tert butyl alcohol
Concen: 112.626 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX006937.D
Acq: 07 Jan 2019 15:55

Instrument :
MSVOA_X
ClientSampleId :

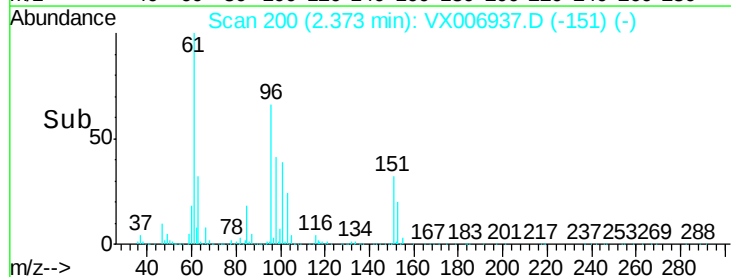
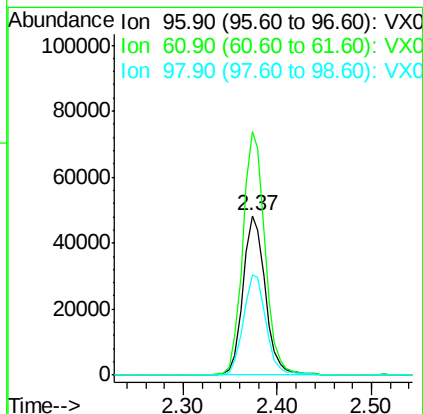
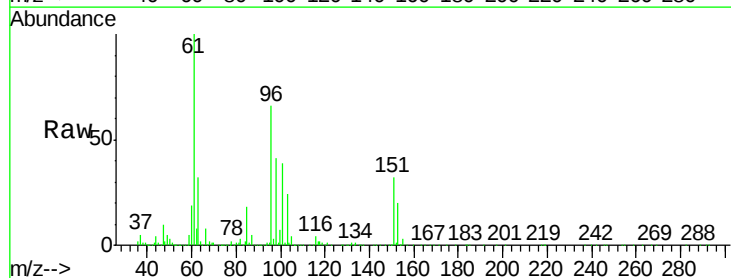
Tot Ion: 59 Resp: 134321
Ion Ratio Lower Upper
59 100
57 9.7 8.5 12.7

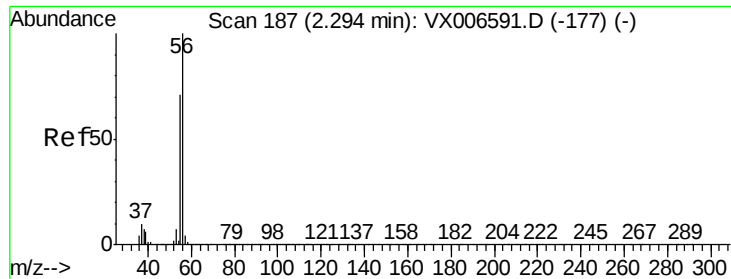


#12

1,1-Dichloroethene
Concen: 17.850 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006937.D
Acq: 07 Jan 2019 15:55

Tgt Ion: 96 Resp: 79080
Ion Ratio Lower Upper
96 100
61 152.4 121.4 182.2
98 62.9 51.9 77.9





#13

Acrolein

Concen: 88.778 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

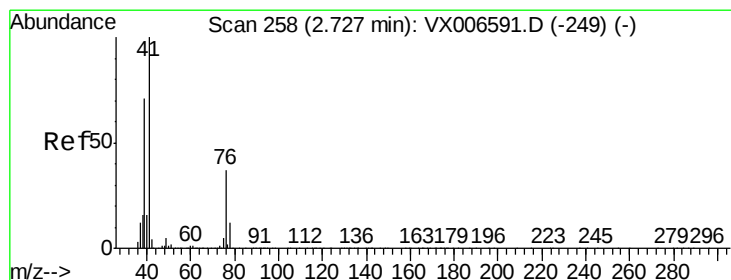
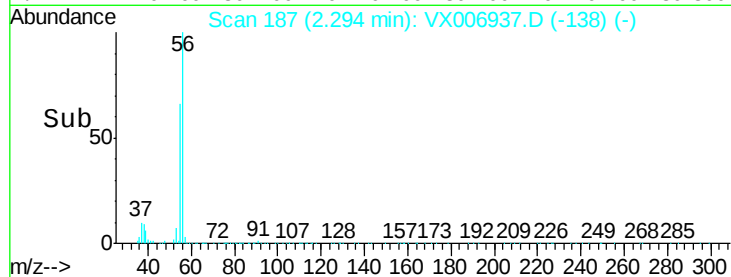
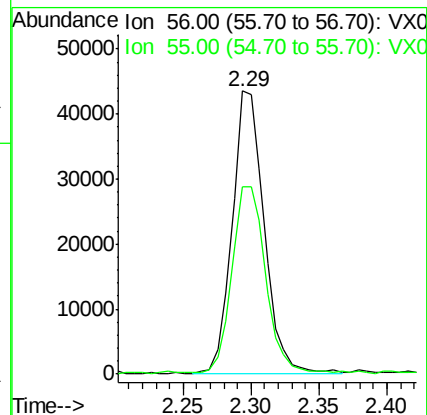
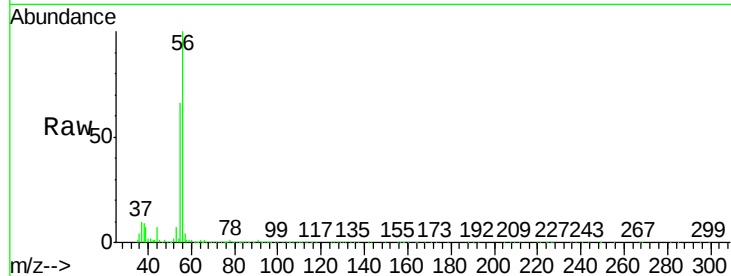
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 71427

Ion Ratio Lower Upper

56 100

55 68.9 58.2 87.4



#14

Allyl chloride

Concen: 18.830 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

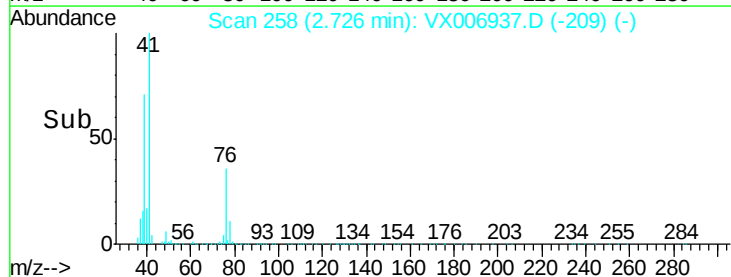
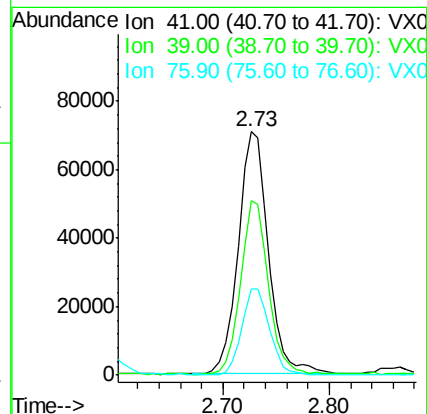
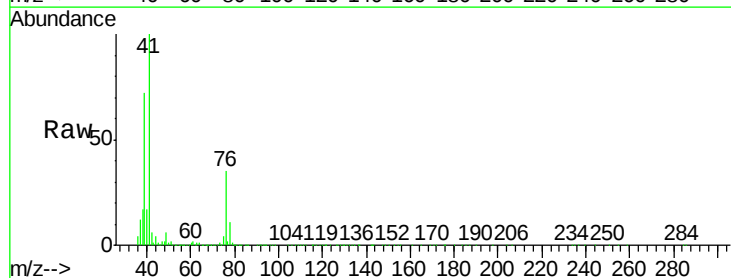
Tgt Ion: 41 Resp: 140415

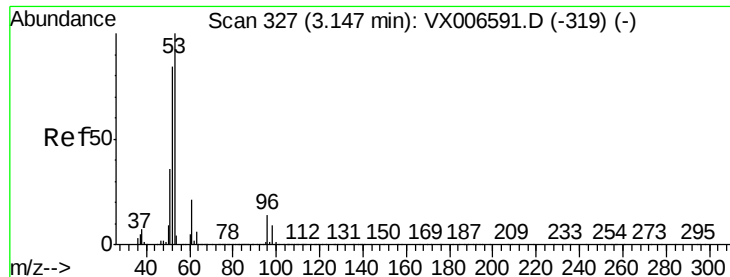
Ion Ratio Lower Upper

41 100

39 66.5 53.6 80.4

76 32.5 27.4 41.2





#15

Acrylonitrile

Concen: 107.127 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

Instrument :
MSVOA_X
ClientSampleId :

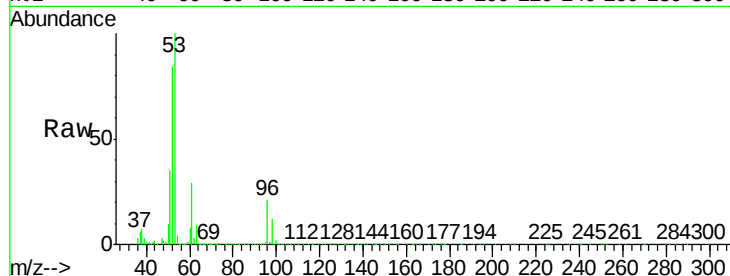
Tot Ion: 53 Resp: 283673

Ion Ratio Lower Upper

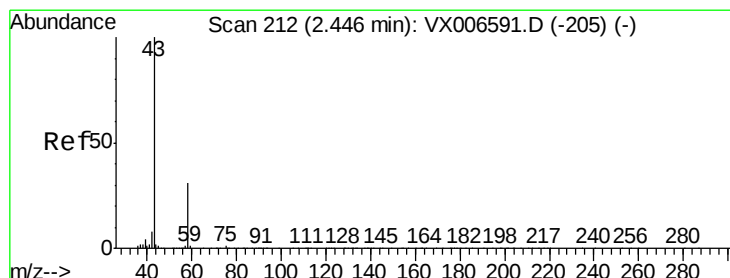
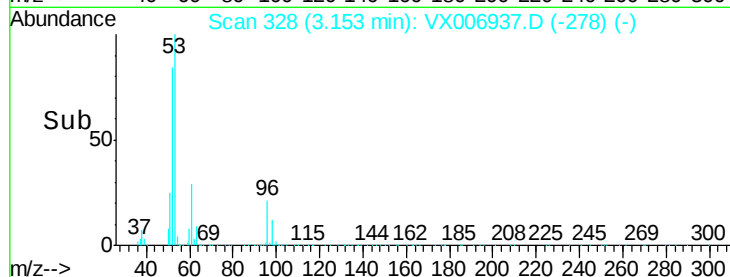
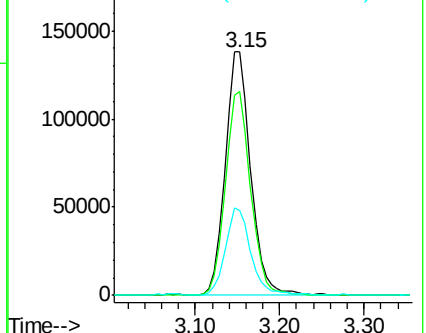
53 100

52 83.0 66.0 99.0

51 35.7 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 96.926 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006937.D

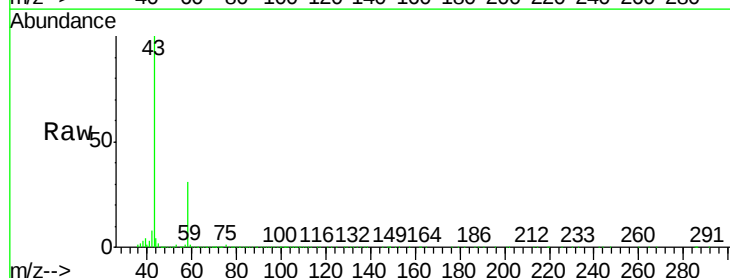
Acq: 07 Jan 2019 15:55

Tgt Ion: 43 Resp: 237970

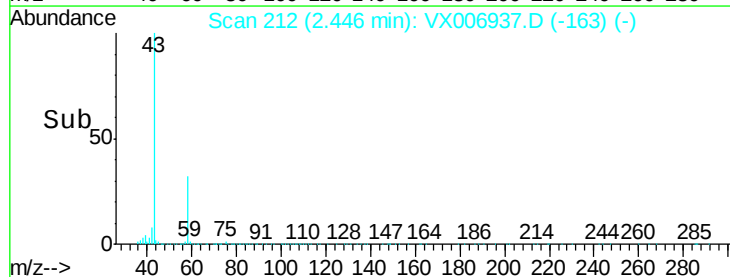
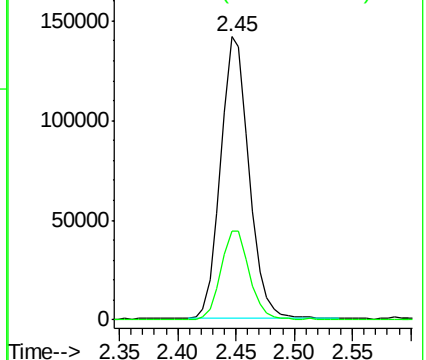
Ion Ratio Lower Upper

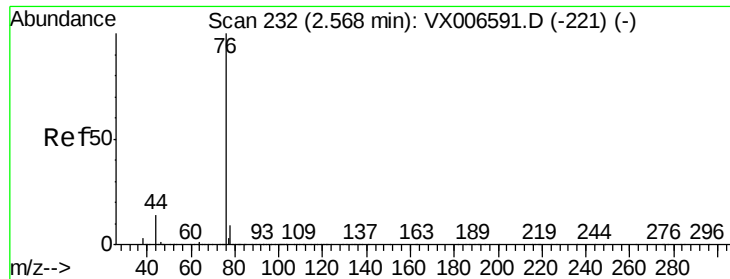
43 100

58 31.5 25.0 37.6



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

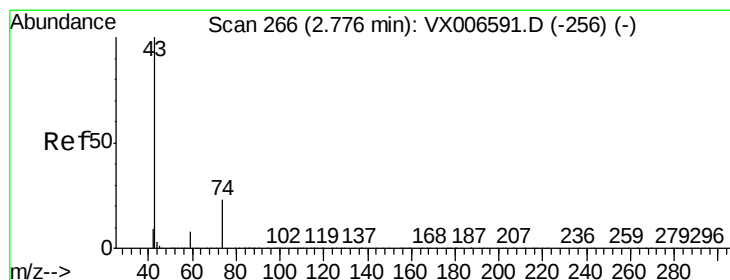
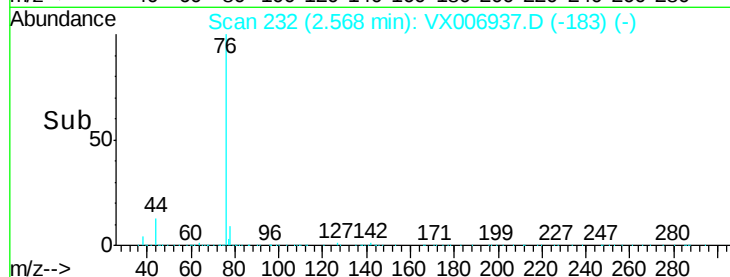
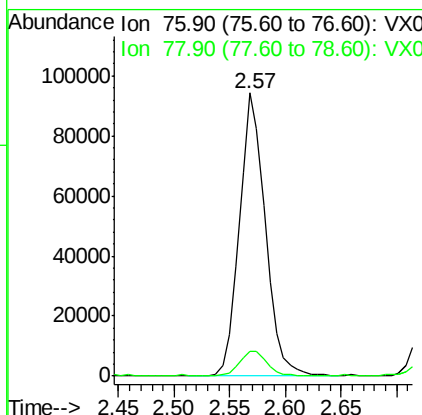
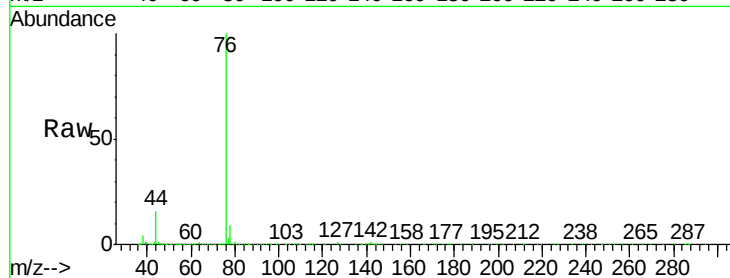




#17
Carbon Disulfide
Concen: 12.929 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX006937.D
Acq: 07 Jan 2019 15:55

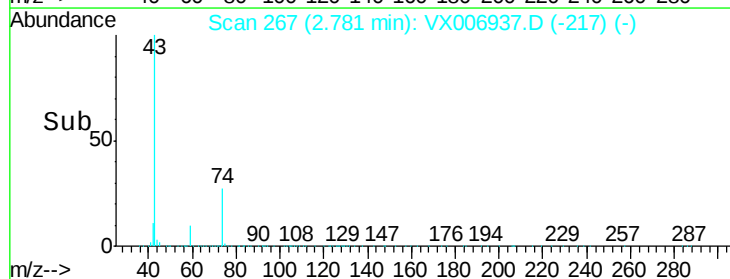
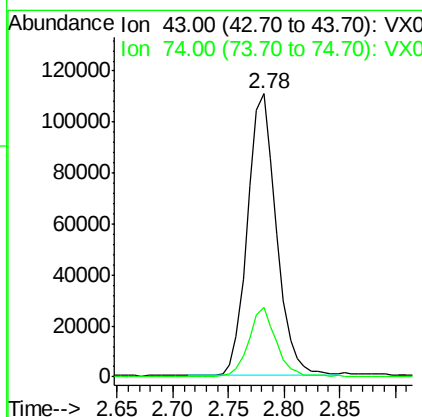
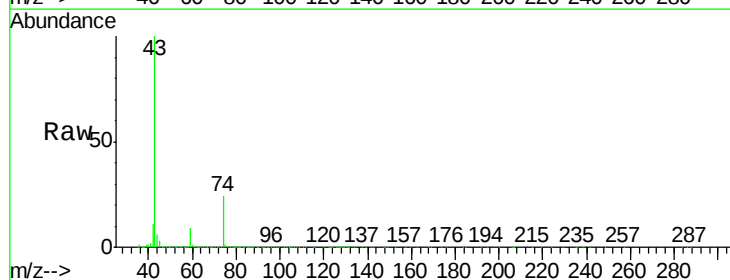
Instrument :
MSVOA_X
ClientSampleId :

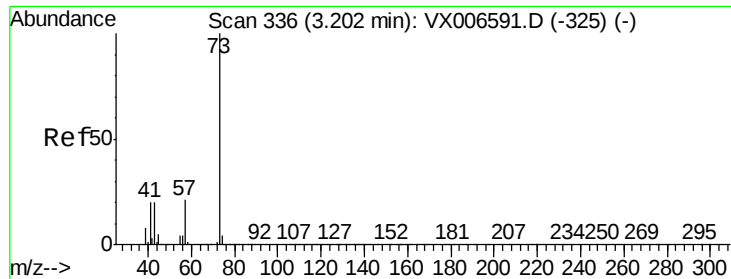
Tot Ion: 76 Resp: 151581
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6



#18
Methyl Acetate
Concen: 27.759 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006937.D
Acq: 07 Jan 2019 15:55

Tgt Ion: 43 Resp: 200404
Ion Ratio Lower Upper
43 100
74 23.6 18.6 28.0

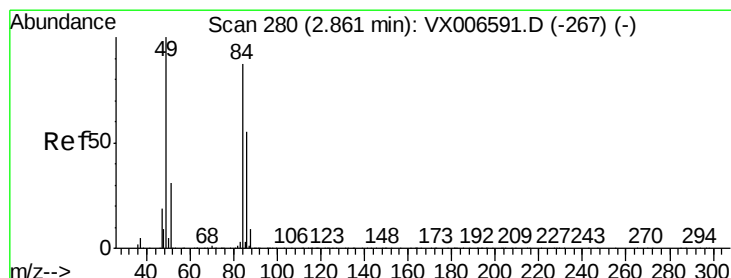
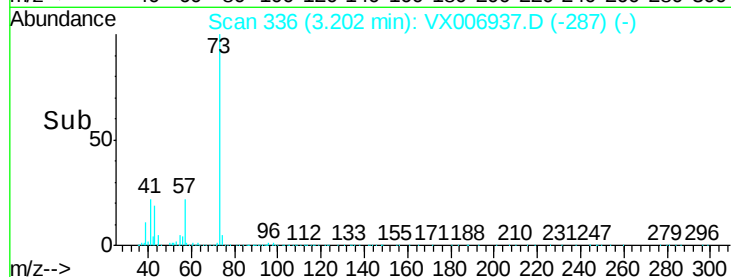
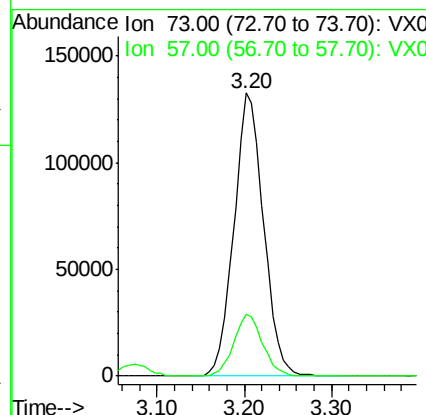
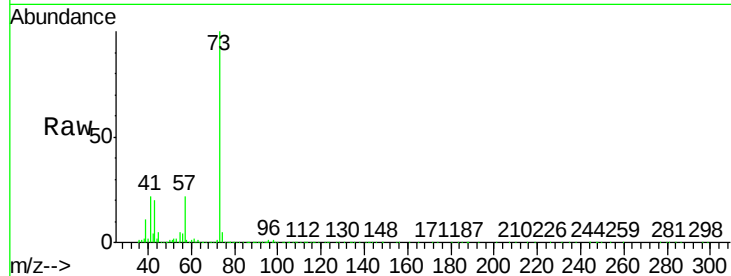




#19
Methyl tert-butyl Ether
Concen: 21.187 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006937.D
Acq: 07 Jan 2019 15:55

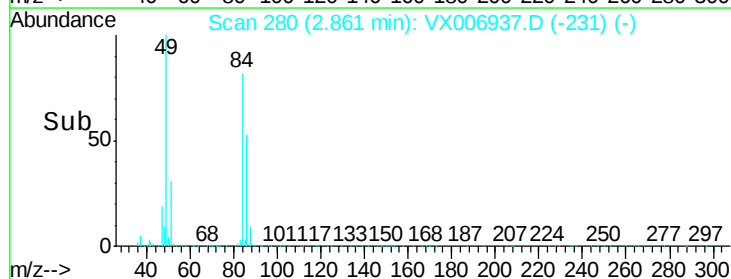
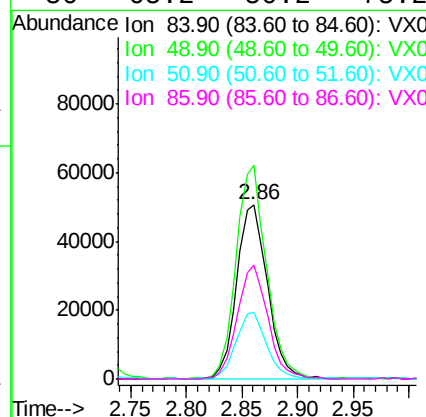
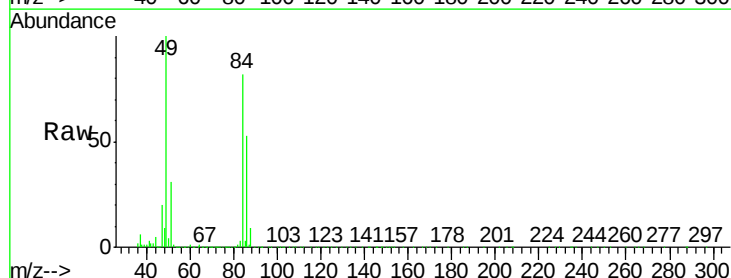
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 73 Resp: 311529
Ion Ratio Lower Upper
73 100
57 21.8 16.8 25.2



#20
Methylene Chloride
Concen: 19.135 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006937.D
Acq: 07 Jan 2019 15:55

Tgt Ion: 84 Resp: 97145
Ion Ratio Lower Upper
84 100
49 122.1 91.8 137.6
51 38.1 28.5 42.7
86 65.2 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 17.298 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

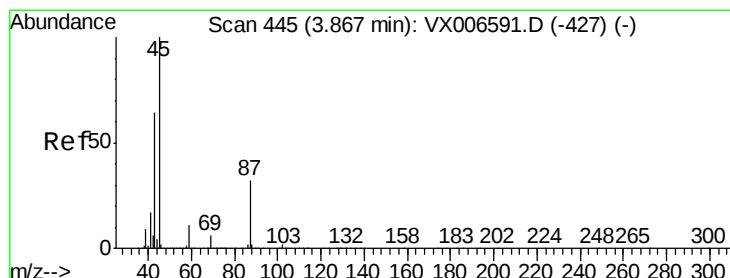
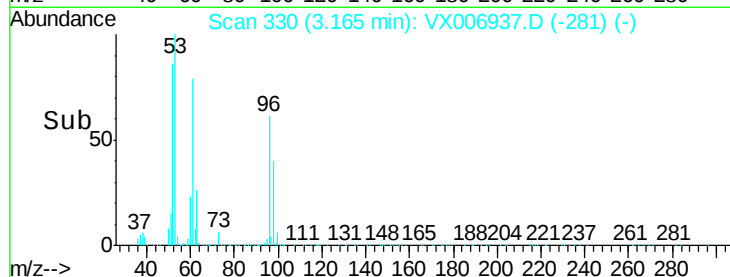
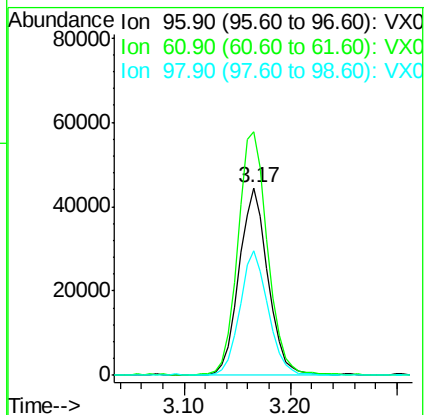
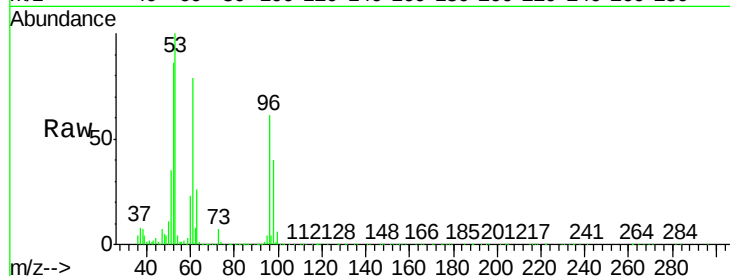
Tot Ion: 96 Resp: 84908

Ion Ratio Lower Upper

96 100

61 129.4 103.7 155.5

98 66.3 51.0 76.6



#22

Diisopropyl ether

Concen: 21.032 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

Tgt Ion: 45 Resp: 286926

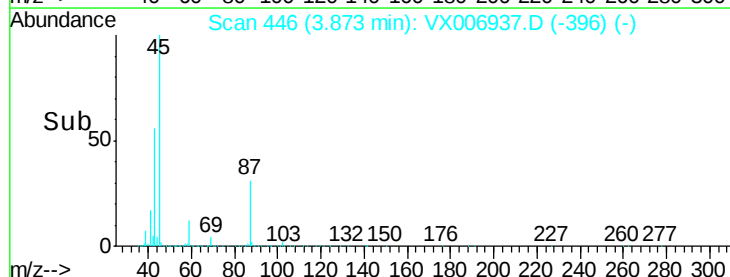
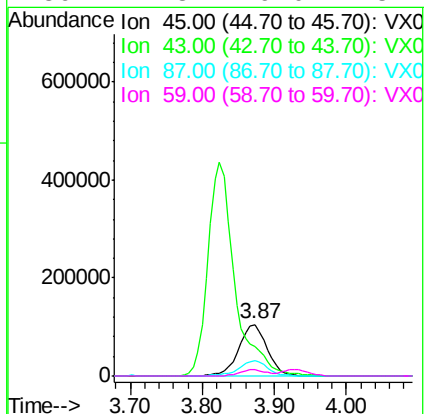
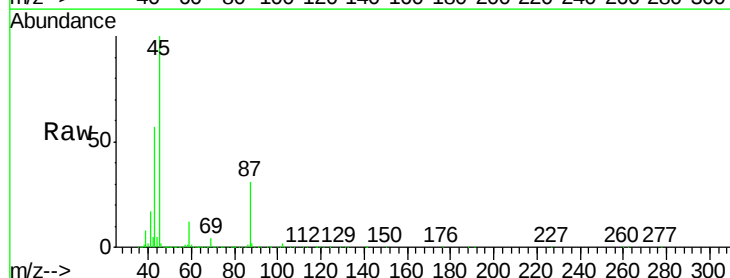
Ion Ratio Lower Upper

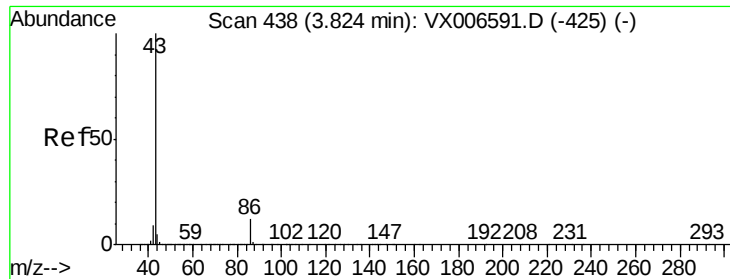
45 100

43 56.1 51.2 76.8

87 30.6 25.8 38.6

59 11.8 9.0 13.4





#23

Vinyl Acetate

Concen: 101.761 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_X

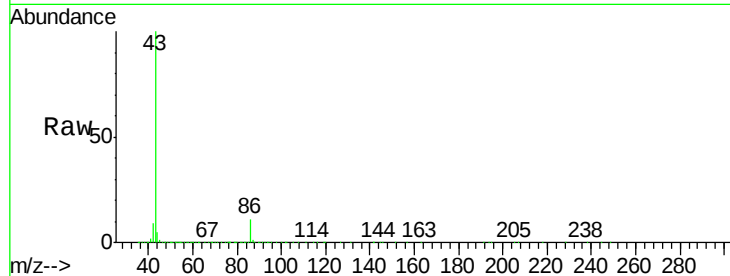
ClientSampleId :

Tot Ion: 43 Resp: 113546

Ion Ratio Lower Upper

43 100

86 11.4 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

400000

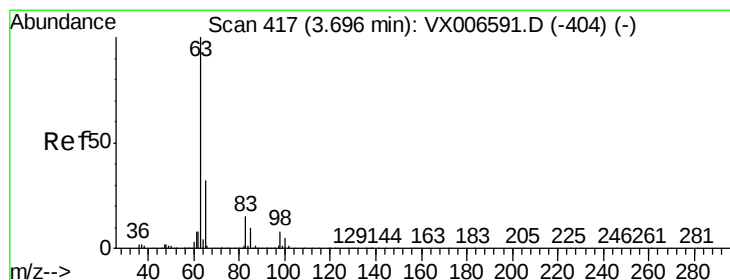
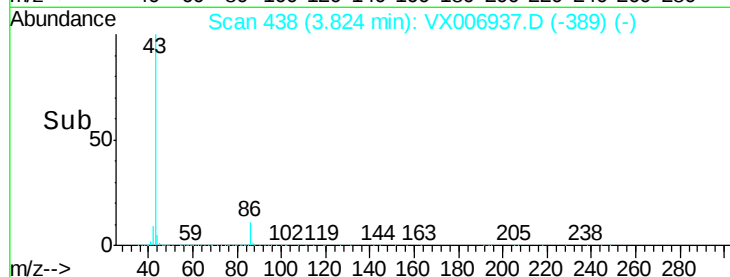
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.201 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

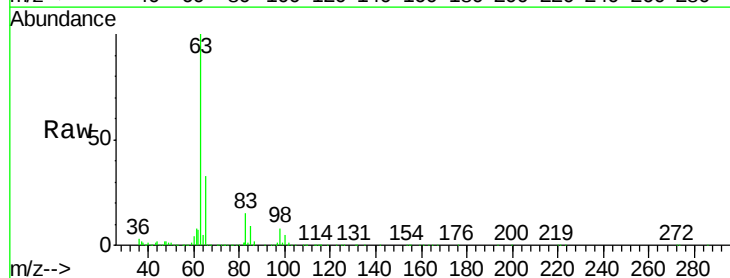
Tgt Ion: 63 Resp: 156371

Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.5

100 4.5 2.4 7.2



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

3.70

80000

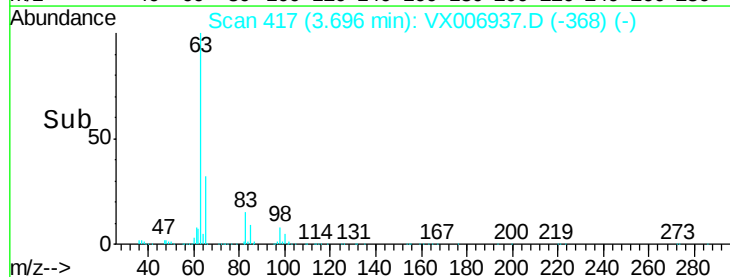
60000

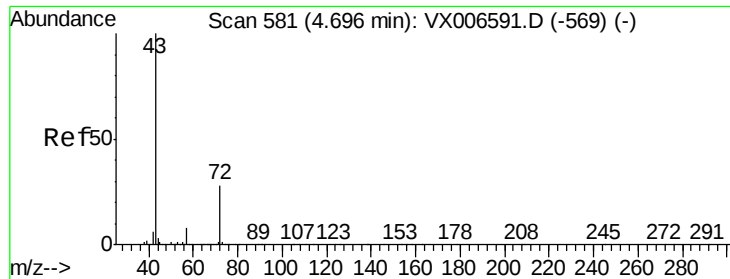
40000

20000

0

Time-->





#25

2-Butanone

Concen: 102.178 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_X

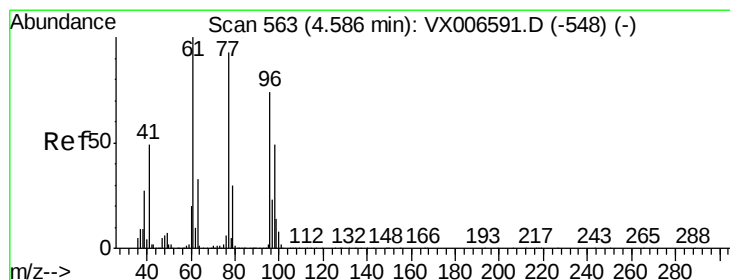
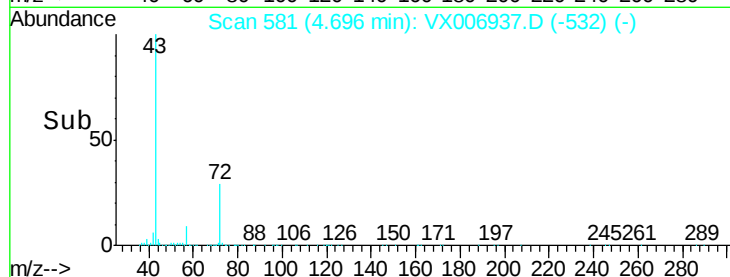
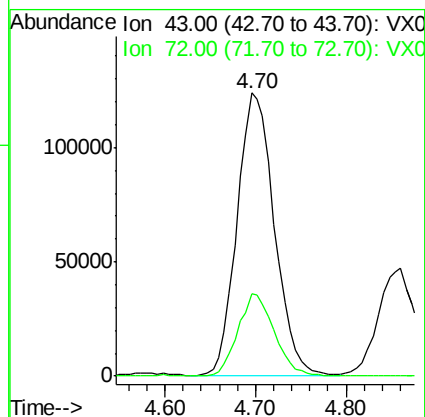
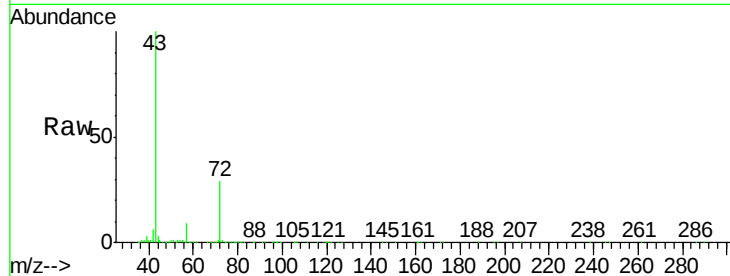
ClientSampleId :

Tot Ion: 43 Resp: 352875

Ion Ratio Lower Upper

43 100

72 29.2 22.4 33.6



#26

2,2-Dichloropropane

Concen: 16.820 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006937.D

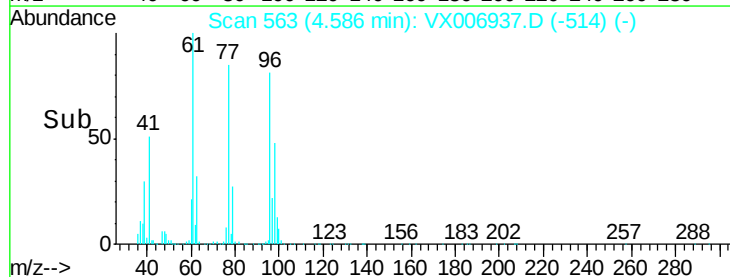
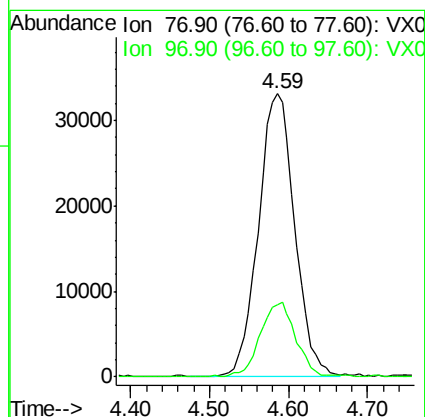
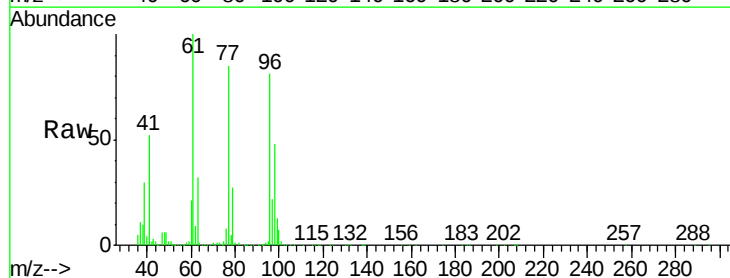
Acq: 07 Jan 2019 15:55

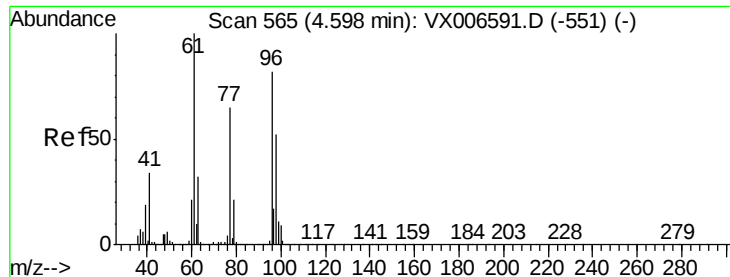
Tgt Ion: 77 Resp: 105809

Ion Ratio Lower Upper

77 100

97 26.0 12.4 37.4



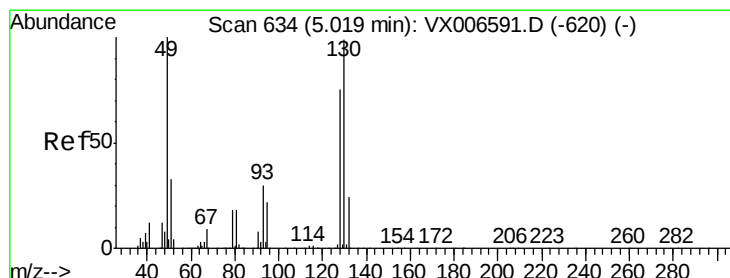
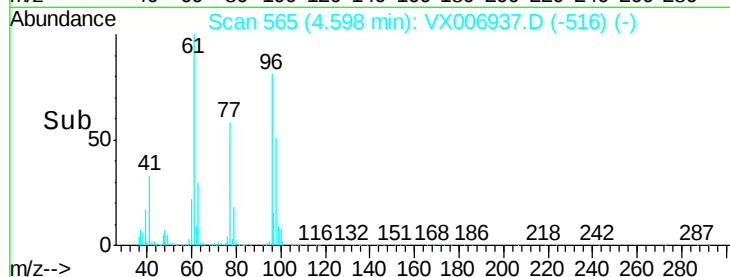
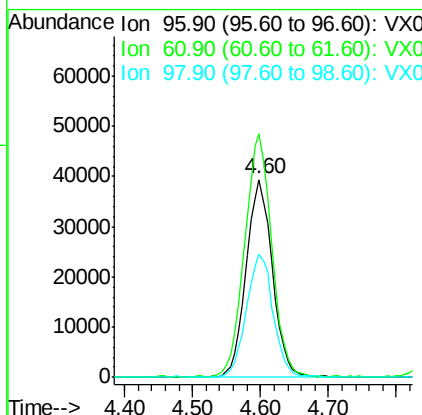
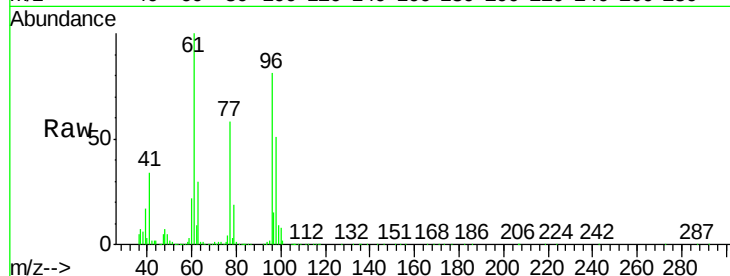


#27

cis-1,2-Dichloroethene
Concen: 19.648 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006937.D
Acq: 07 Jan 2019 15:55

Instrument :
MSVOA_X
ClientSampled :

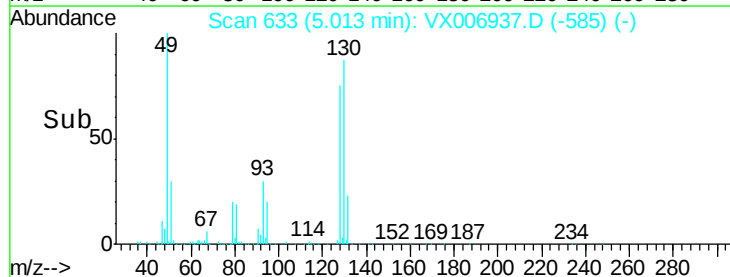
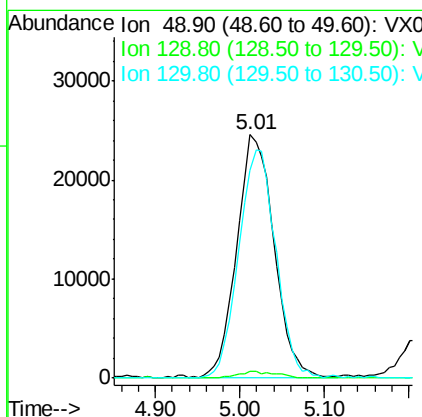
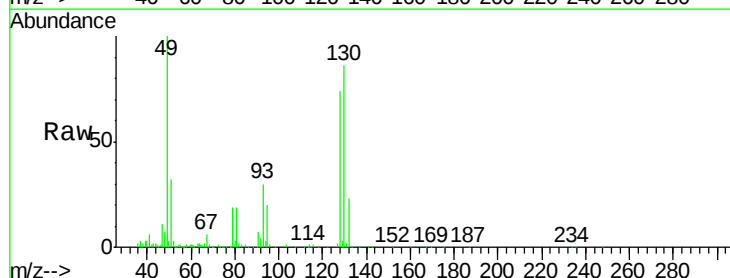
Tot Ion	Ratio	Lower	Upper
96	100		
61	125.3	0.0	258.6
98	63.4	0.0	132.0

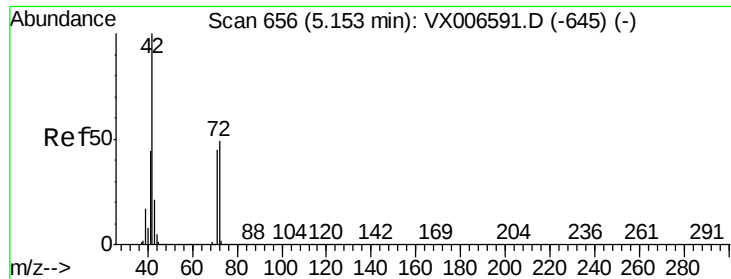


#28

Bromochloromethane
Concen: 20.478 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX006937.D
Acq: 07 Jan 2019 15:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.4
130	92.7	77.7	116.5

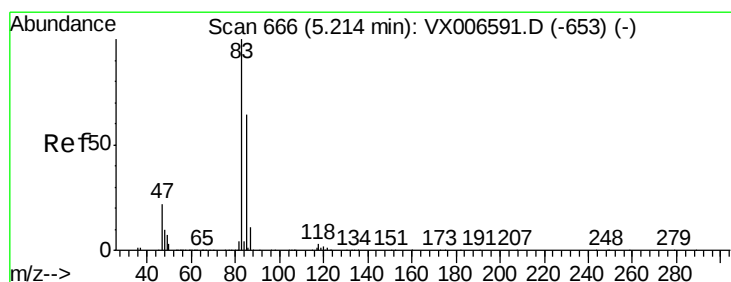
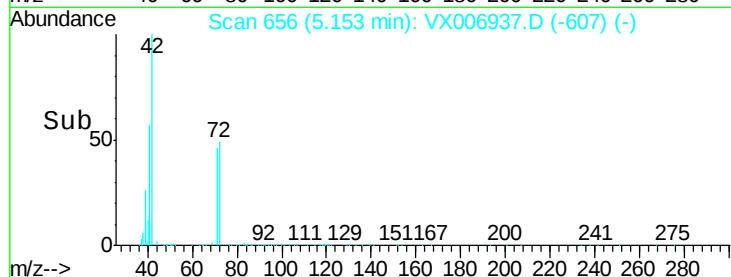
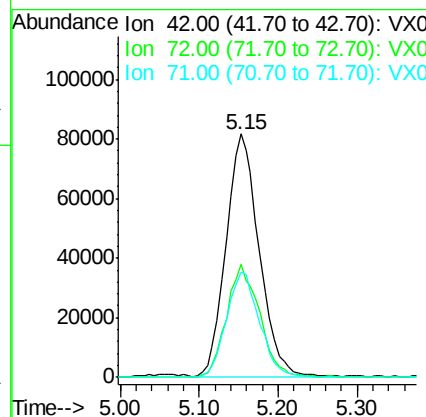
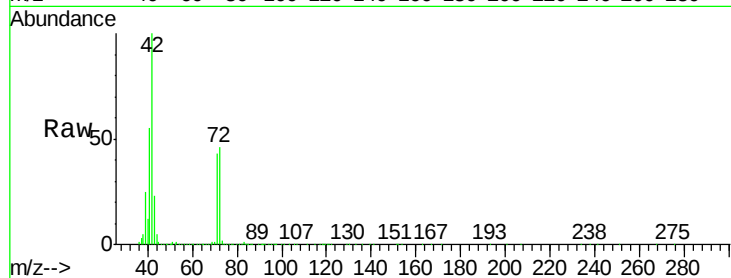




#29
Tetrahydrofuran
Concen: 104.463 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006937.D
Acq: 07 Jan 2019 15:55

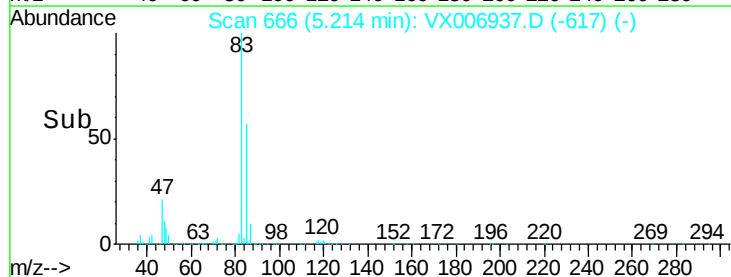
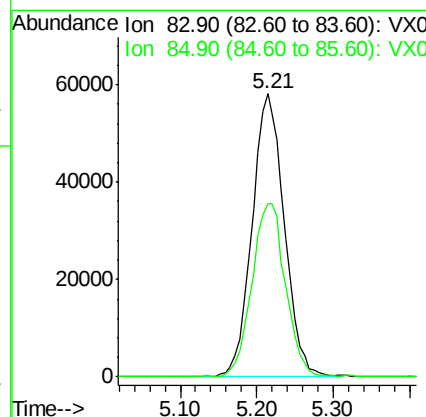
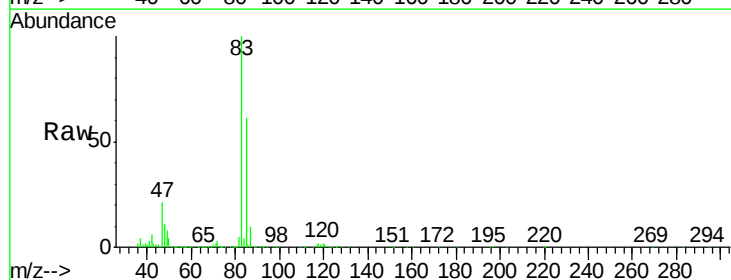
Instrument :
MSVOA_X
ClientSampleId :

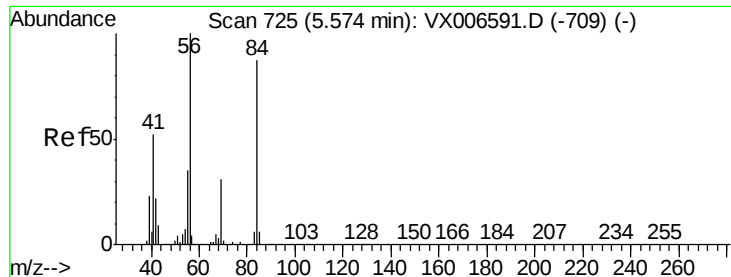
Tot Ion: 42 Resp: 237611
Ion Ratio Lower Upper
42 100
72 46.5 38.9 58.3
71 43.7 36.2 54.4



#30
Chloroform
Concen: 20.212 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006937.D
Acq: 07 Jan 2019 15:55

Tgt Ion: 83 Resp: 170457
Ion Ratio Lower Upper
83 100
85 61.2 51.2 76.8





#31

Cyclohexane

Concen: 16.581 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

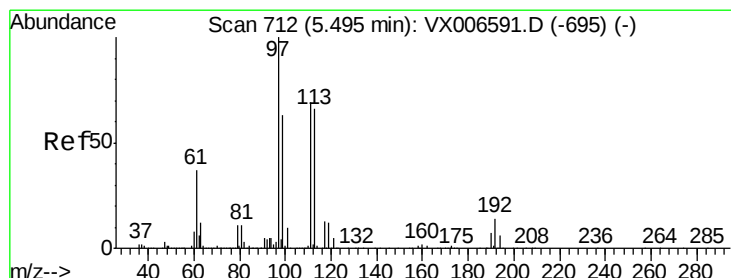
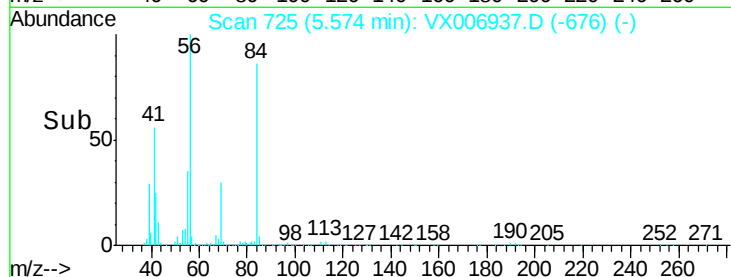
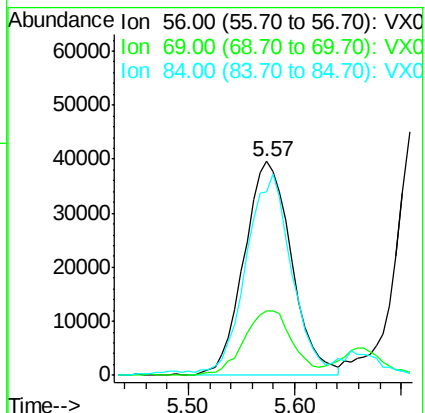
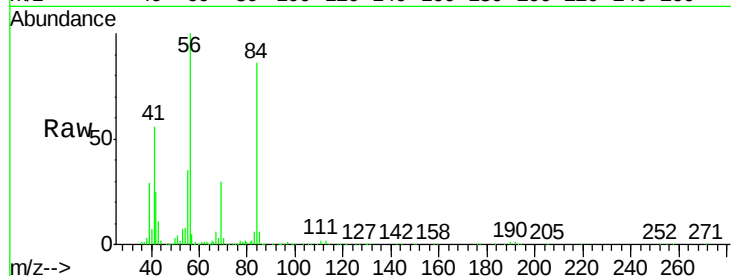
Tot Ion: 56 Resp: 122676

Ion Ratio Lower Upper

56 100

69 30.1 24.4 36.6

84 83.8 70.0 105.0



#32

1,1,1-Trichloroethane

Concen: 19.398 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

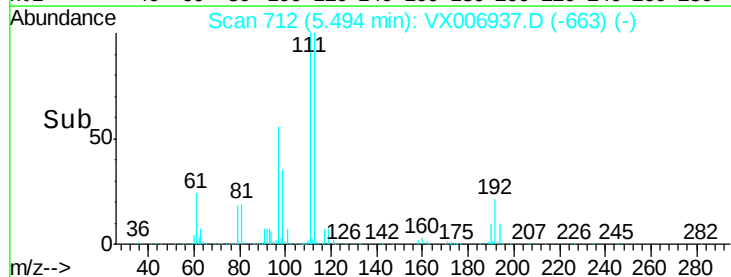
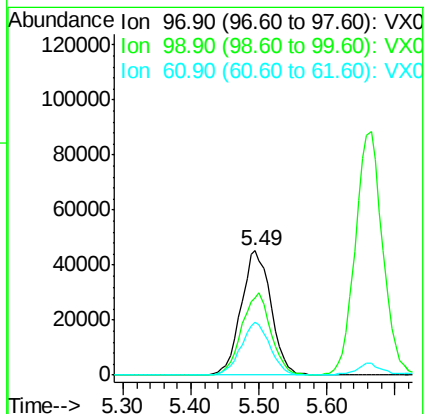
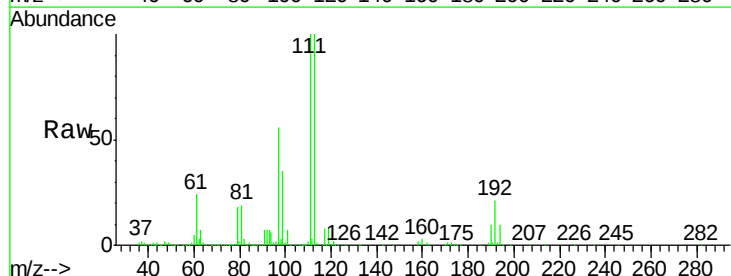
Tgt Ion: 97 Resp: 138134

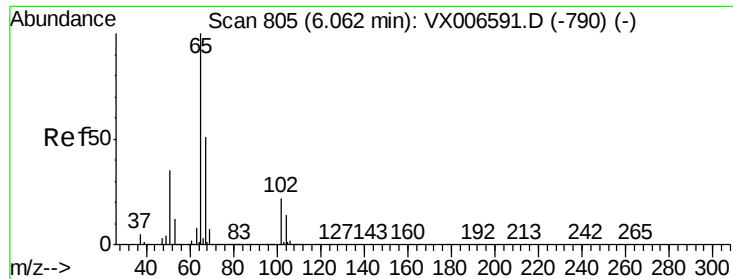
Ion Ratio Lower Upper

97 100

99 64.2 51.7 77.5

61 41.2 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 50.957 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

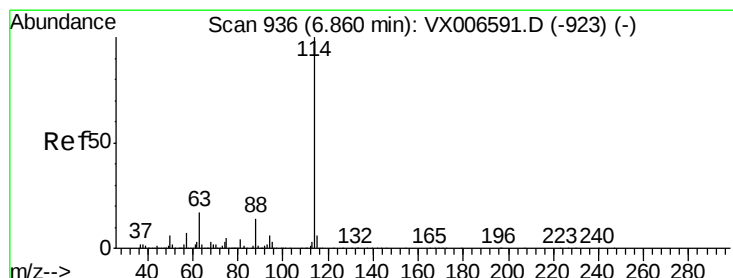
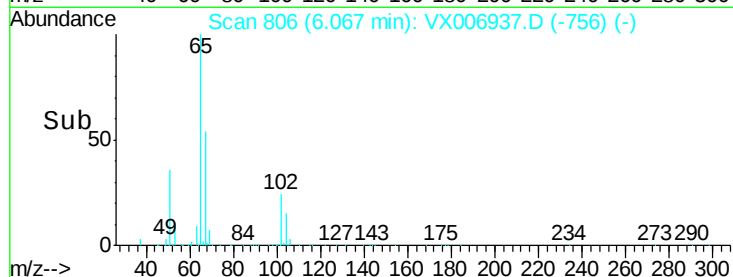
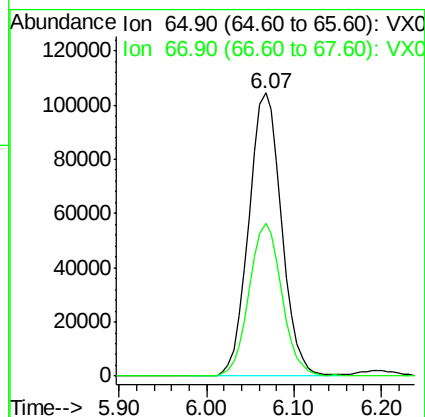
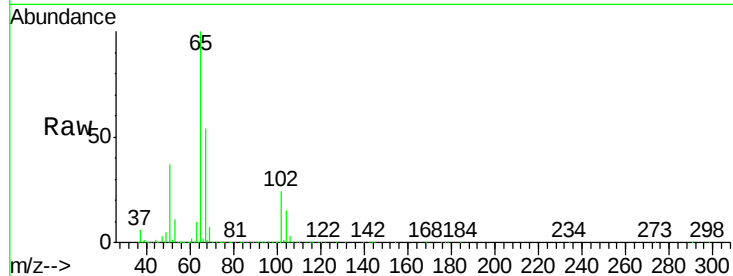
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 272310

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

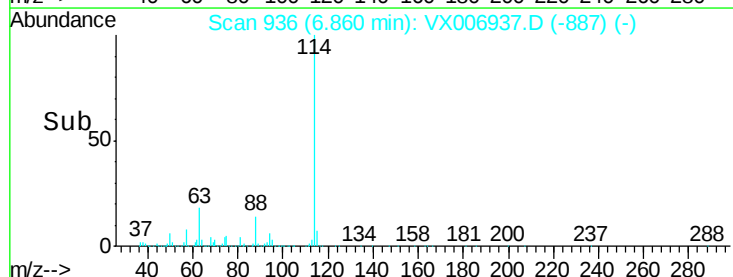
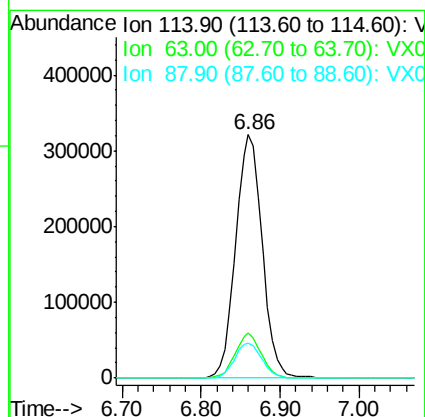
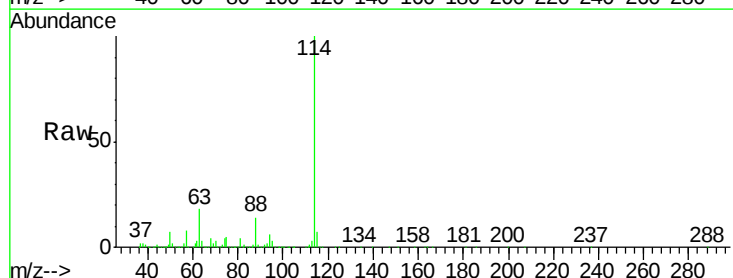
Tgt Ion: 114 Resp: 752265

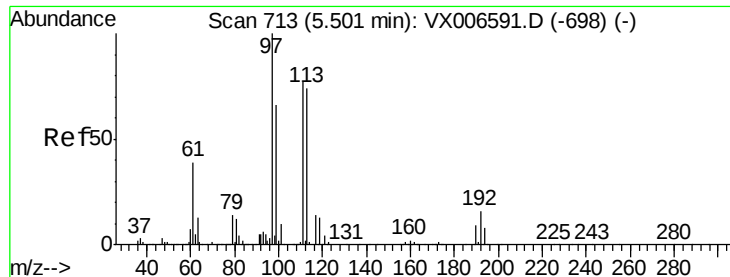
Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.8

88 14.2 0.0 28.8





#35

Dibromofluoromethane

Concen: 52.757 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

Instrument :
MSVOA_X
ClientSampleId :

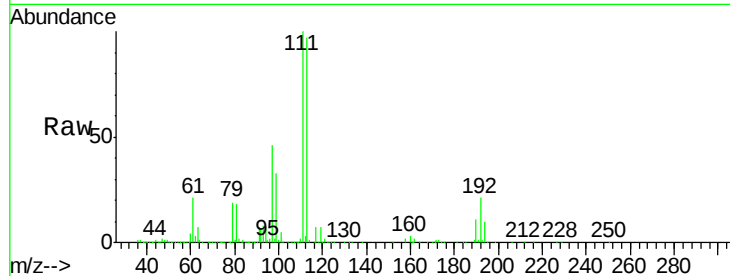
Tot Ion:113 Resp: 250973

Ion Ratio Lower Upper

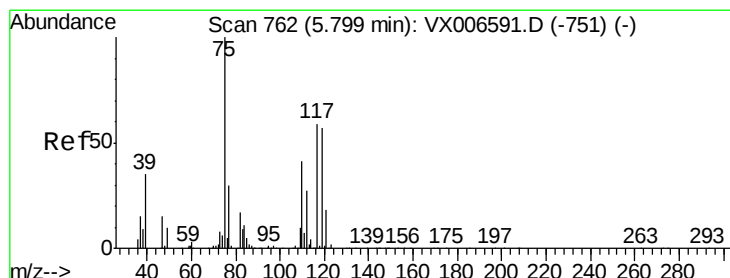
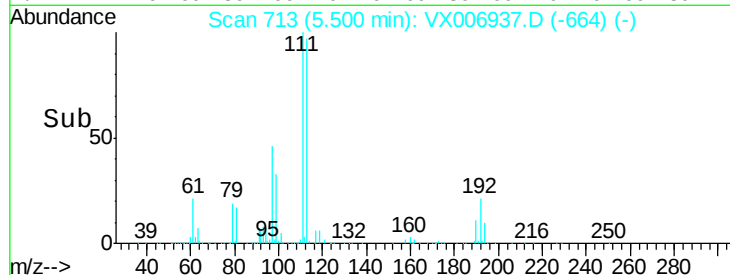
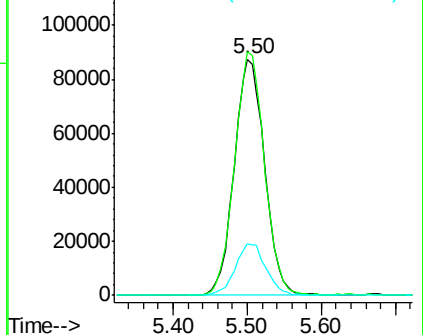
113 100

111 101.2 81.6 122.4

192 22.0 16.7 25.1



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: 18.118 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

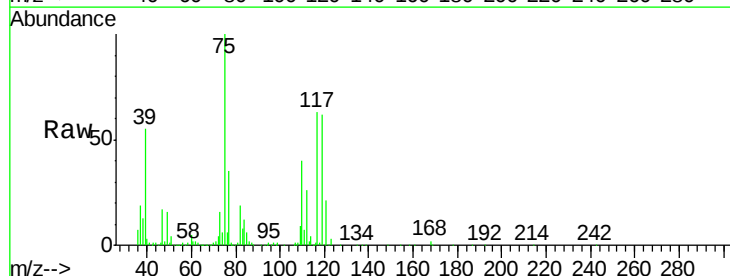
Tgt Ion: 75 Resp: 112883

Ion Ratio Lower Upper

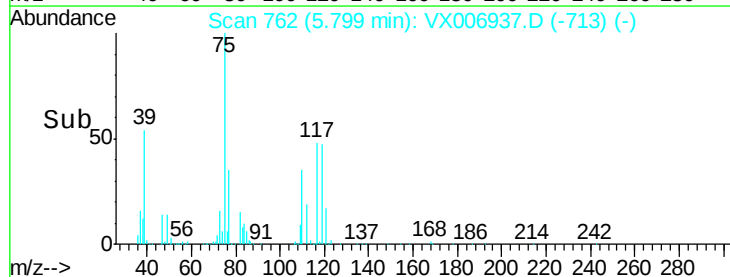
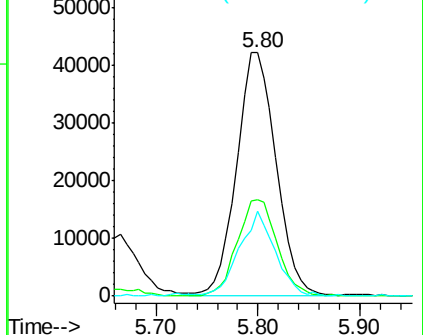
75 100

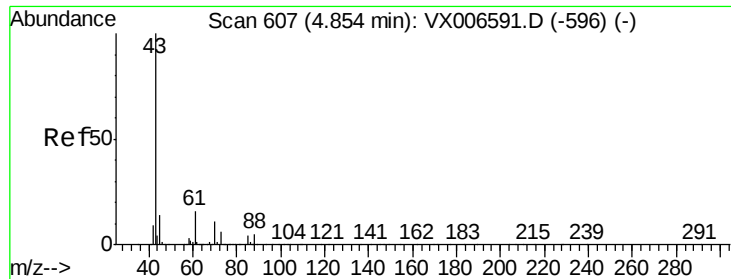
110 40.5 20.2 60.5

77 31.0 24.8 37.2



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

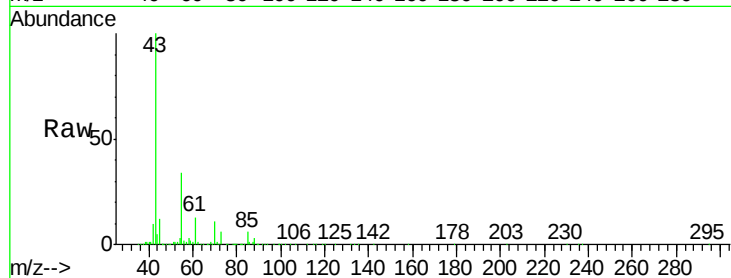




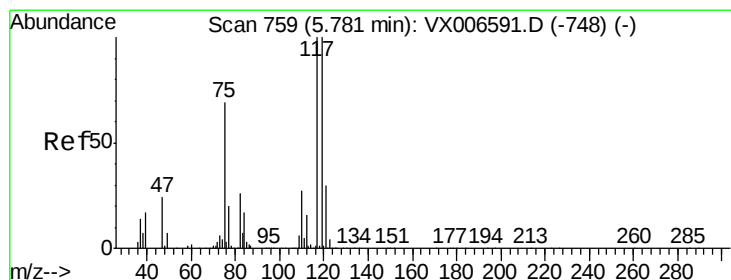
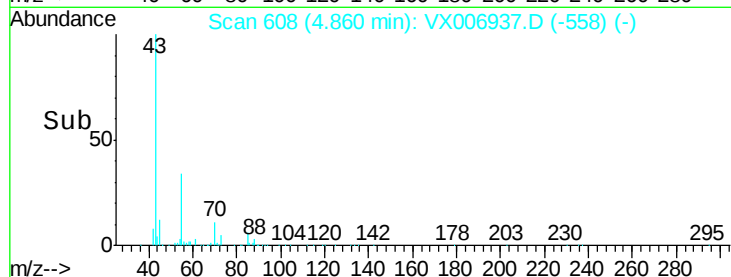
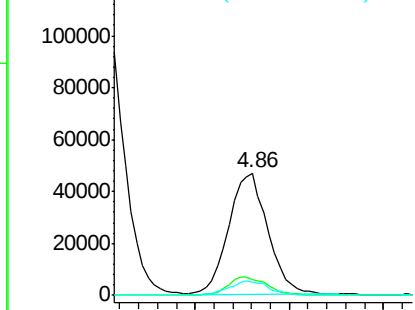
#37
Ethyl Acetate
Concen: 20.853 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX006937.D
Acq: 07 Jan 2019 15:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 135226
Ion Ratio Lower Upper
43 100
61 14.7 11.9 17.9
70 12.0 9.7 14.5

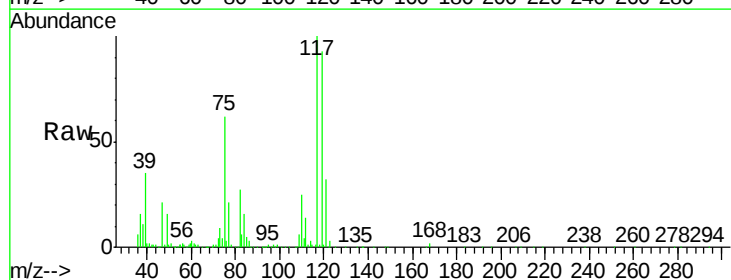


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

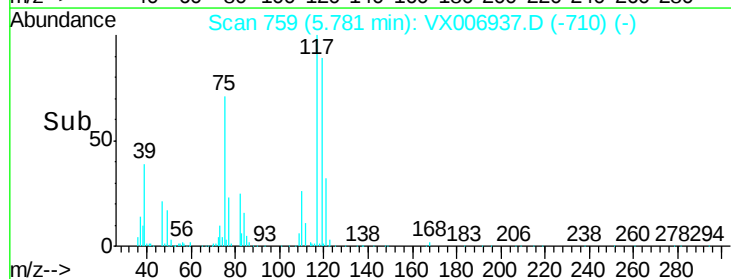
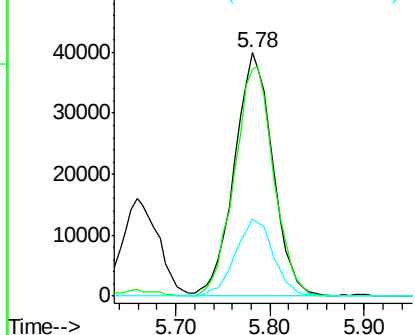


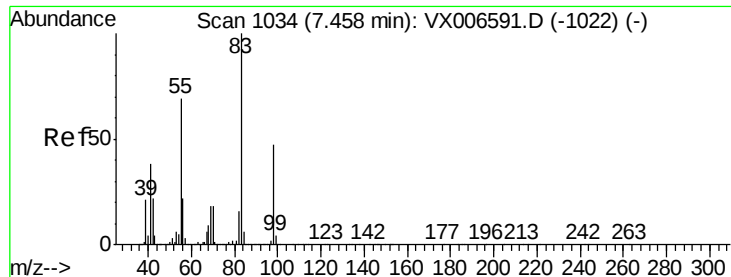
#38
Carbon Tetrachloride
Concen: 18.597 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006937.D
Acq: 07 Jan 2019 15:55

Tgt Ion: 117 Resp: 112606
Ion Ratio Lower Upper
117 100
119 93.5 79.4 119.2
121 31.7 24.0 36.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

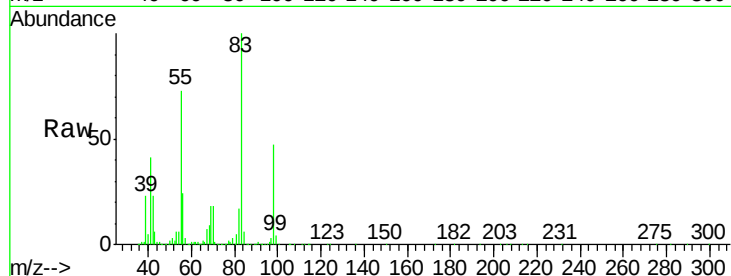




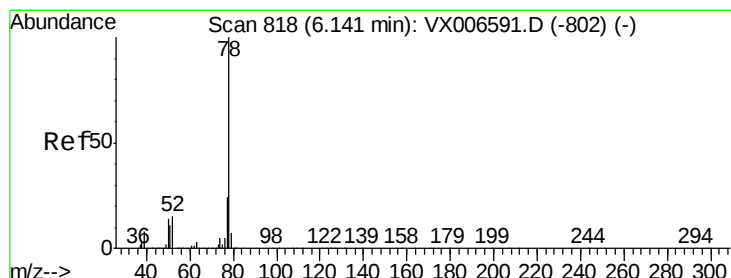
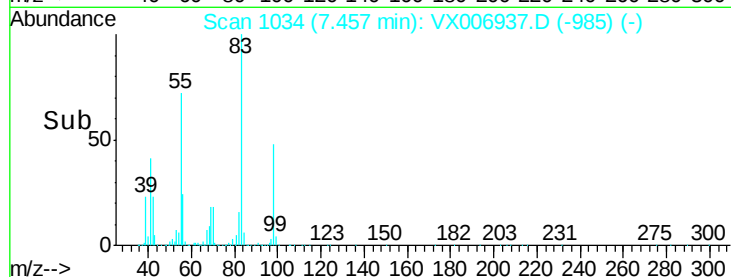
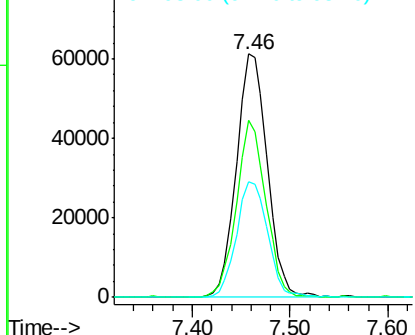
#39
Methvlcvclohexane
Concen: 16.400 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006937.D
Acq: 07 Jan 2019 15:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 134522
Ion Ratio Lower Upper
83 100
55 72.6 54.9 82.3
98 47.5 37.9 56.9

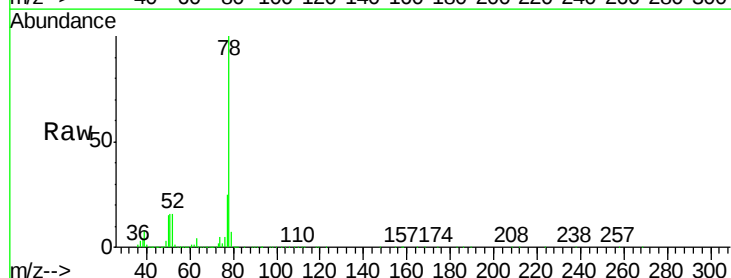


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

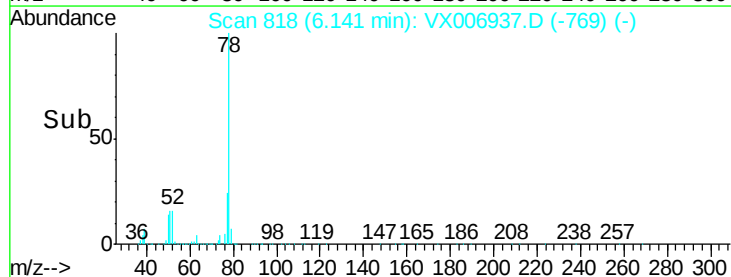
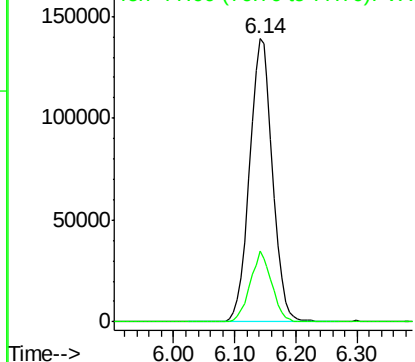


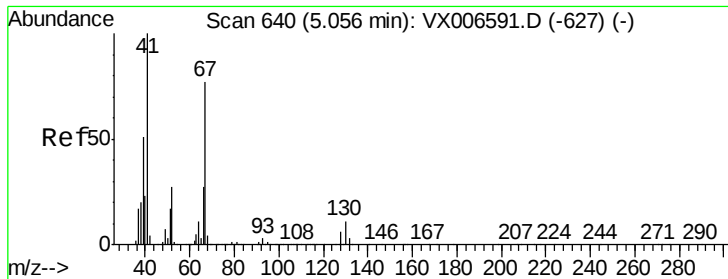
#40
Benzene
Concen: 19.342 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006937.D
Acq: 07 Jan 2019 15:55

Tgt Ion: 78 Resp: 366314
Ion Ratio Lower Upper
78 100
77 24.9 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 21.911 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

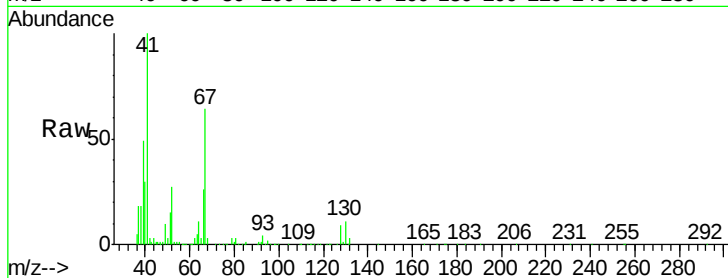
Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 41 Resp: 75436

Ion	Ratio	Lower	Upper
41	100		
39	54.9	42.8	64.2
67	75.1	62.1	93.1
52	29.5	23.4	35.0

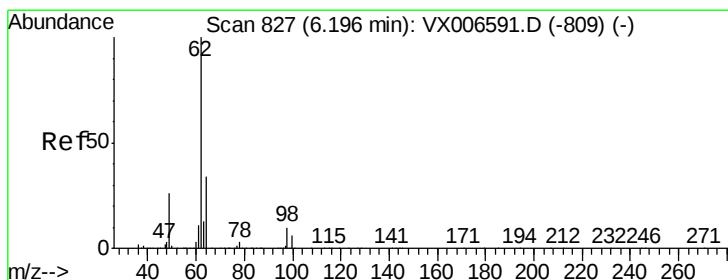
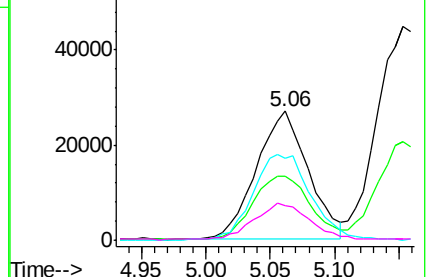
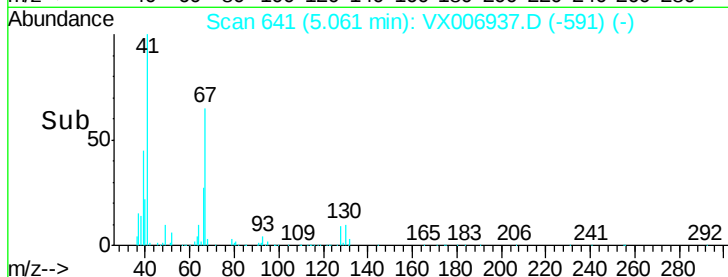


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.794 ug/l

RT: 6.20 min Scan# 827

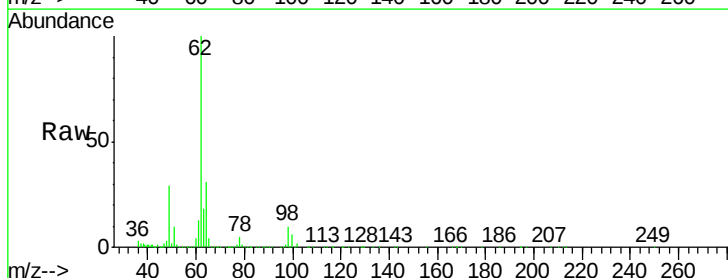
Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

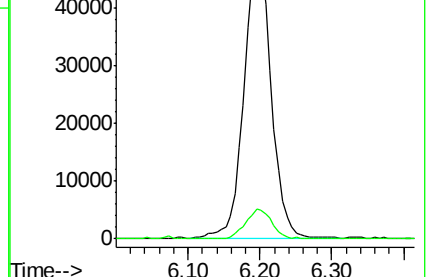
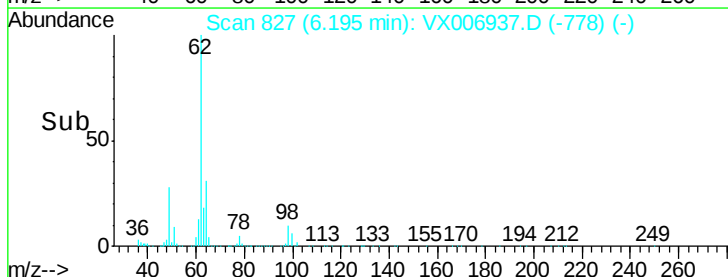
Tgt Ion: 62 Resp: 127738

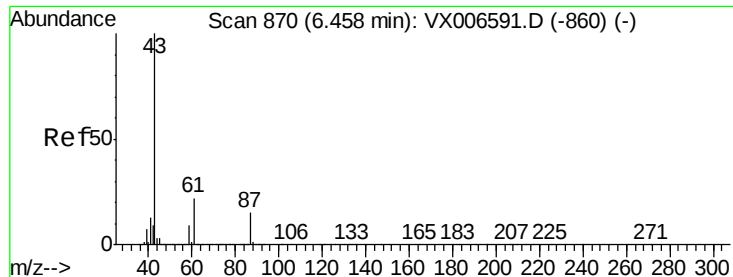
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



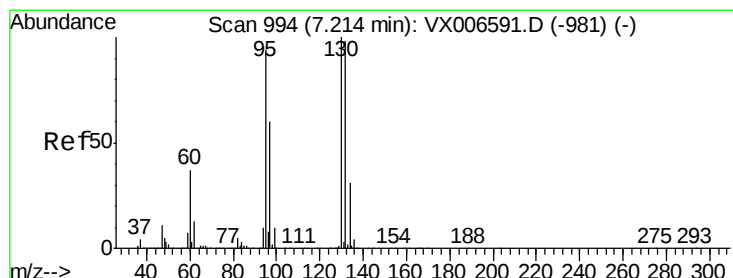
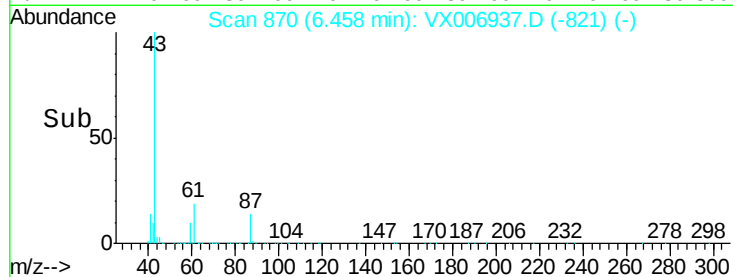
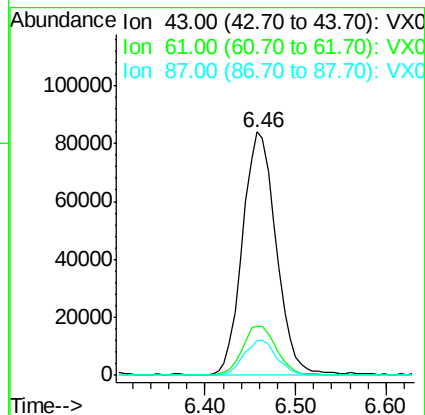
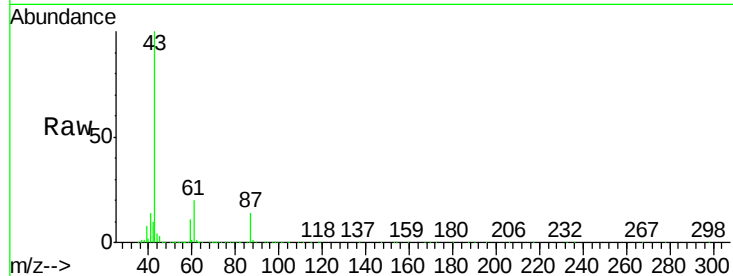


#43

Isopropyl Acetate
 Concen: 21.848 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX006937.D
 Acq: 07 Jan 2019 15:55

Instrument :
 MSVOA_X
 ClientSampled :

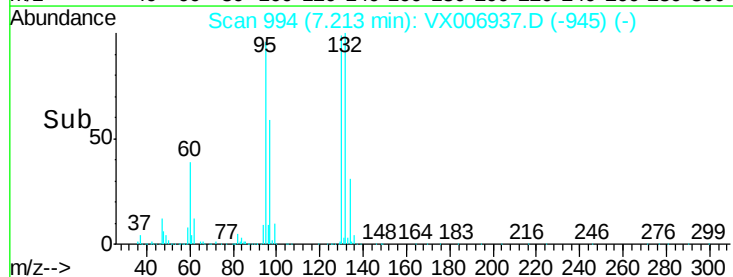
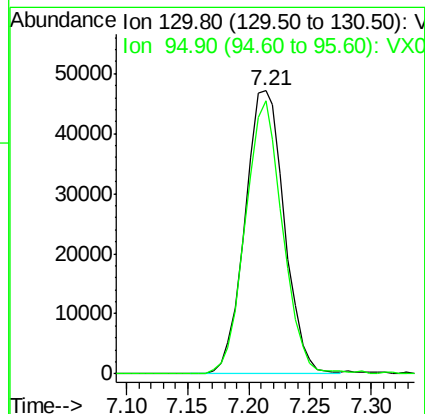
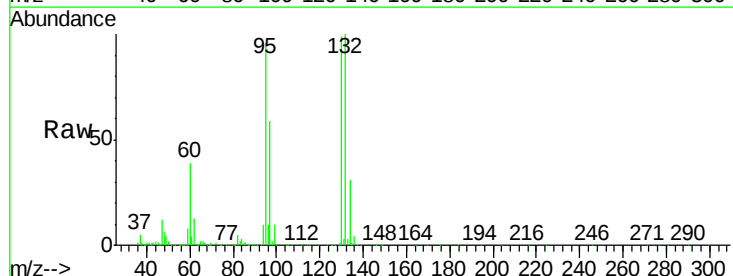
Tot Ion: 43 Resp: 215576
 Ion Ratio Lower Upper
 43 100
 61 20.8 16.8 25.2
 87 14.2 12.4 18.6



#44

Trichloroethene
 Concen: 18.401 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006937.D
 Acq: 07 Jan 2019 15:55

Tgt Ion:130 Resp: 105478
 Ion Ratio Lower Upper
 130 100
 95 96.4 0.0 187.0





#45

1,2-Dichloropropane

Concen: 20.096 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

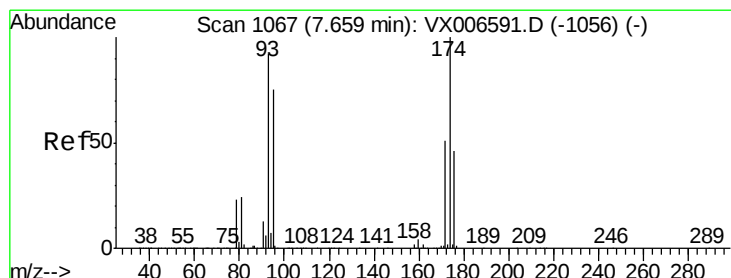
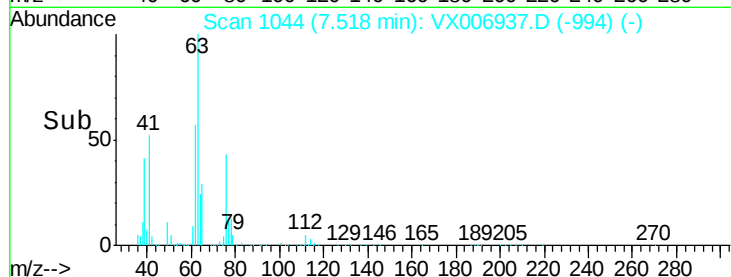
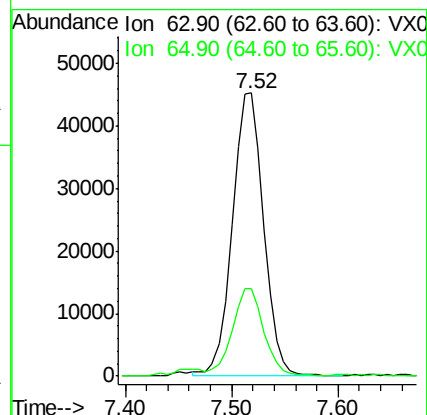
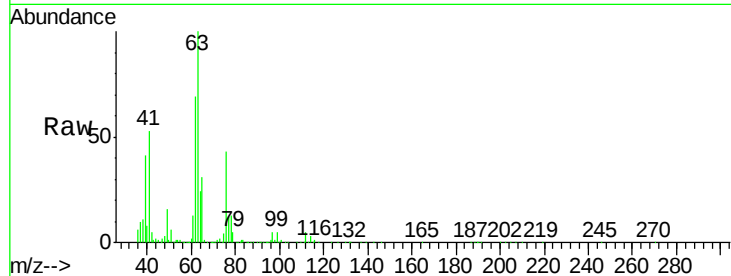
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 63 Resp: 92615

Ion Ratio Lower Upper

63 100

65 30.3 25.4 38.0



#46

Dibromomethane

Concen: 19.576 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

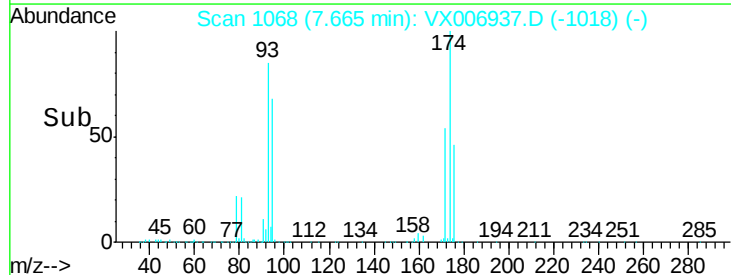
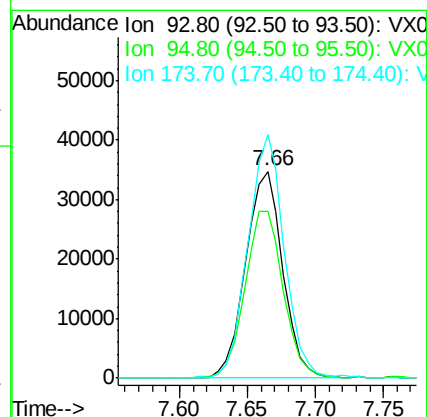
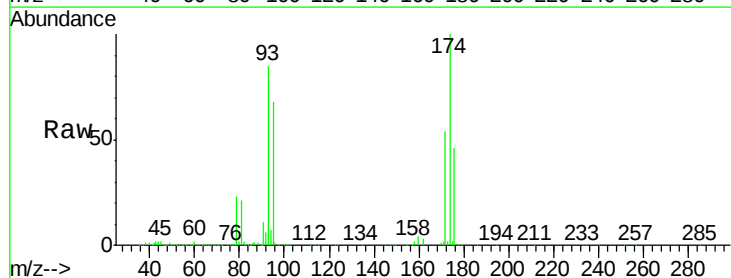
Tgt Ion: 93 Resp: 66363

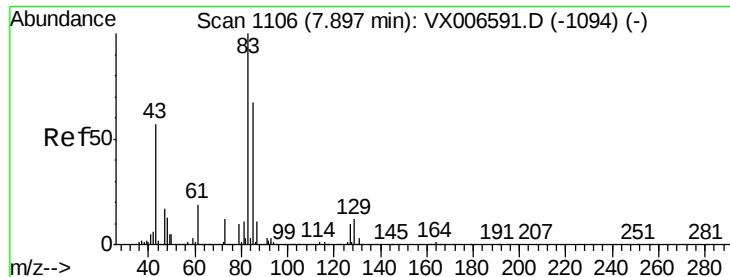
Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.4

174 115.6 91.0 136.4





#47

Bromodichloromethane

Concen: 20.148 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

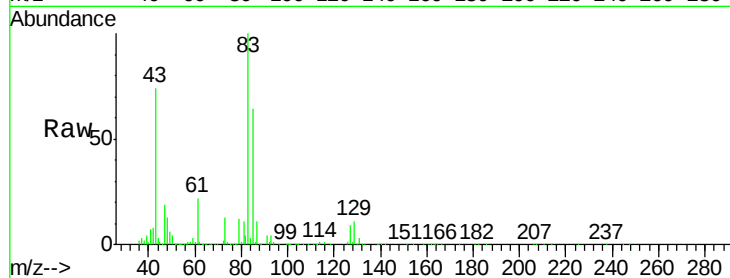
Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 113395

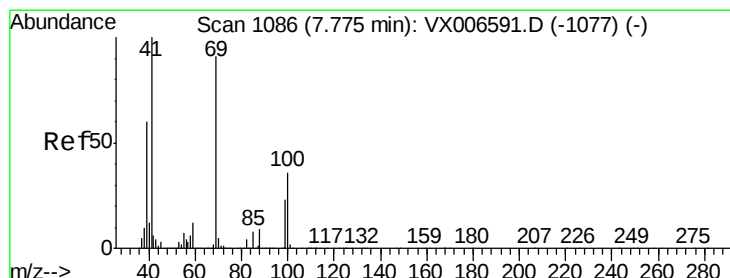
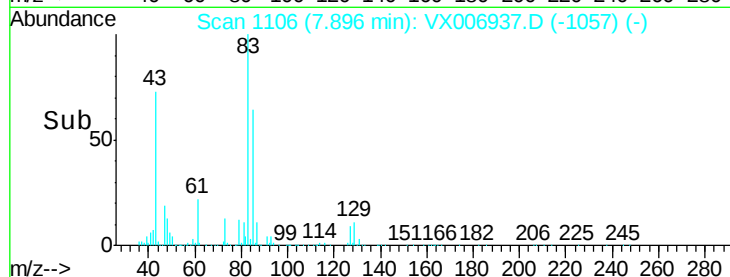
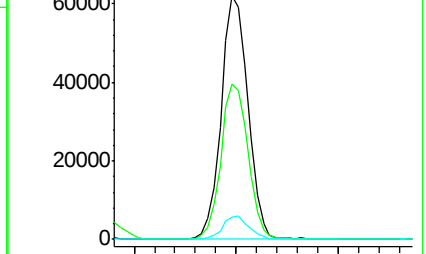
Ion	Ratio	Lower	Upper
83	100		
85	63.7	53.2	79.8
127	9.3	7.8	11.6



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: 21.485 ug/l

RT: 7.77 min Scan# 1086

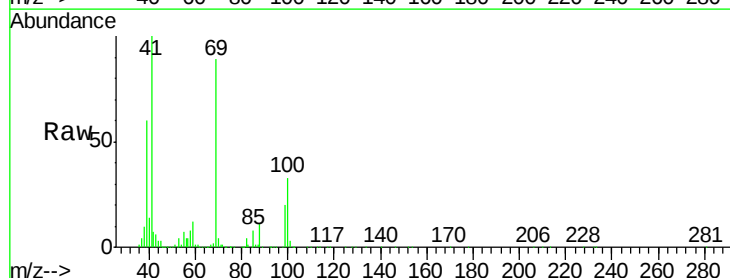
Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

Tgt Ion: 41 Resp: 107805

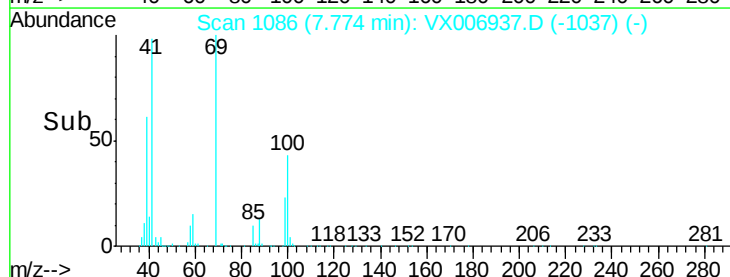
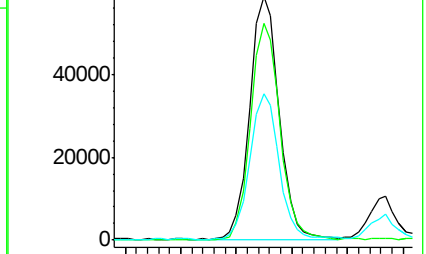
Ion	Ratio	Lower	Upper
41	100		
69	89.6	72.4	108.6
39	59.3	45.8	68.8

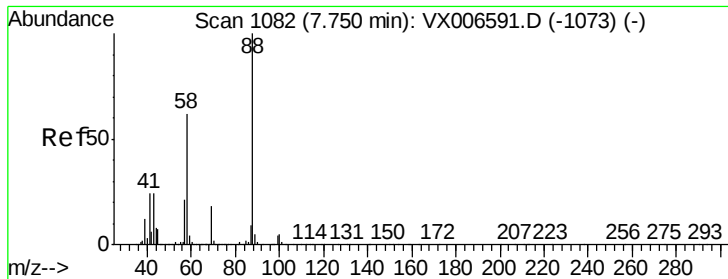


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 390.152 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

Instrument :
MSVOA_X
ClientSampleId :

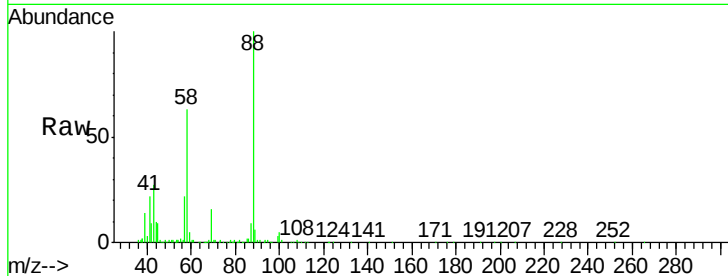
Tot Ion: 88 Resp: 52812

Ion Ratio Lower Upper

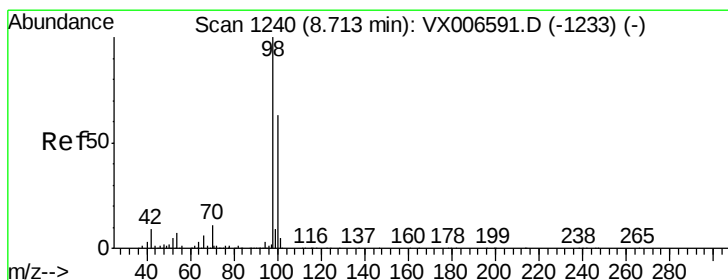
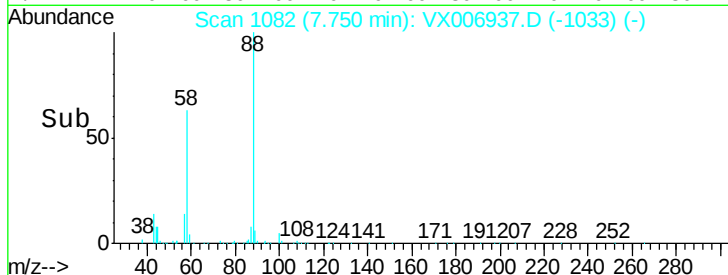
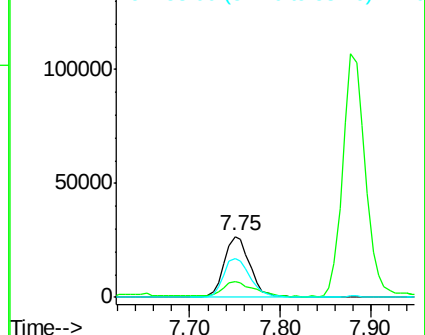
88 100

43 29.8 22.2 33.4

58 66.0 51.0 76.4



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: 50.226 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006937.D

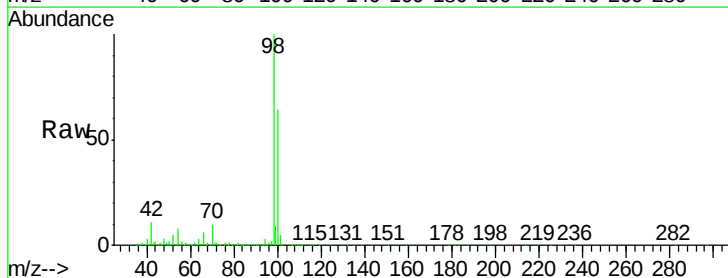
Acq: 07 Jan 2019 15:55

Tgt Ion: 98 Resp: 900784

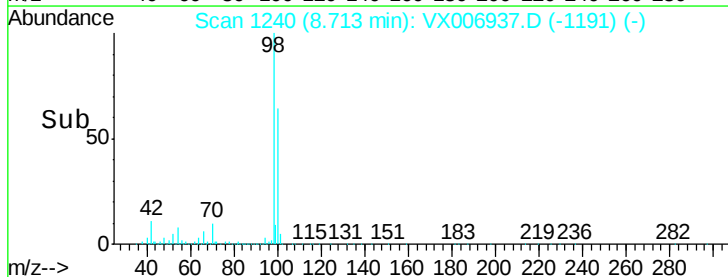
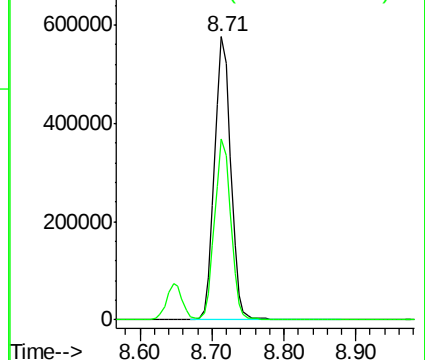
Ion Ratio Lower Upper

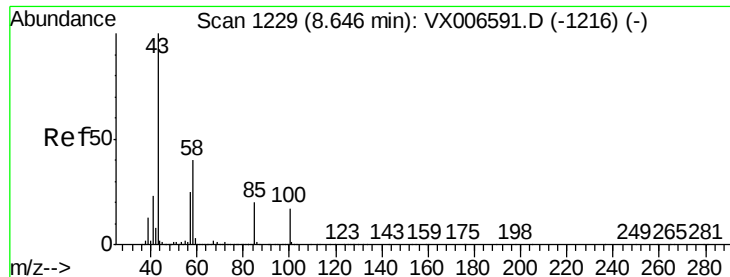
98 100

100 63.6 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

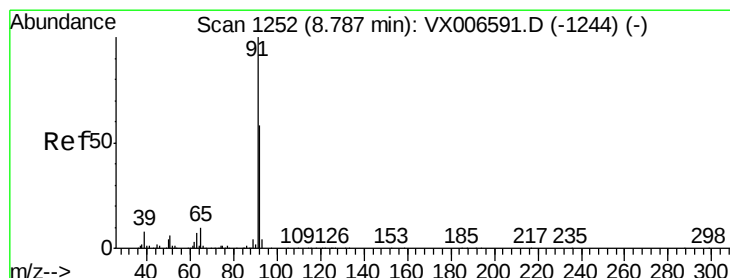
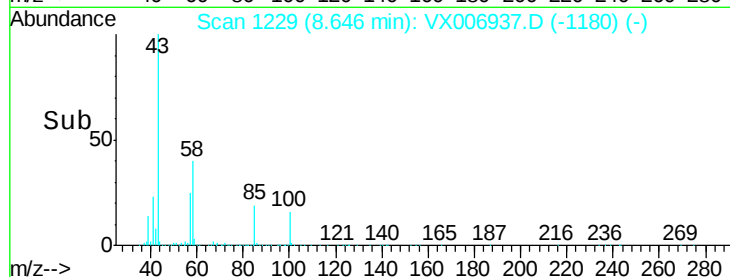
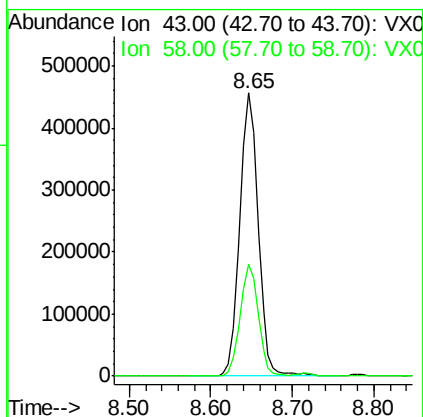
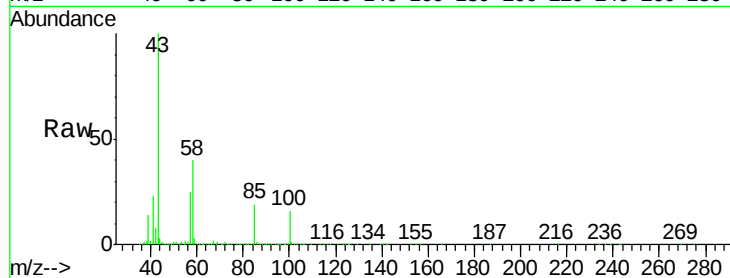




#51
 4-Methyl-2-Pentanone
 Concen: 112.882 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX006937.D
 Acq: 07 Jan 2019 15:55

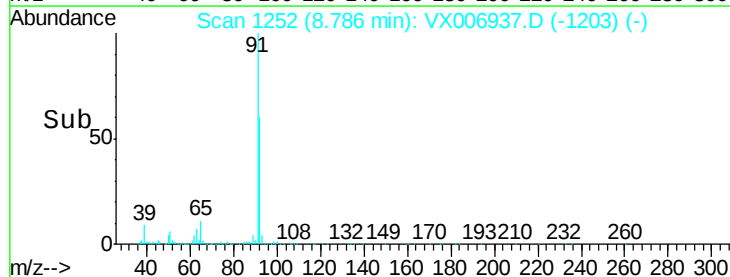
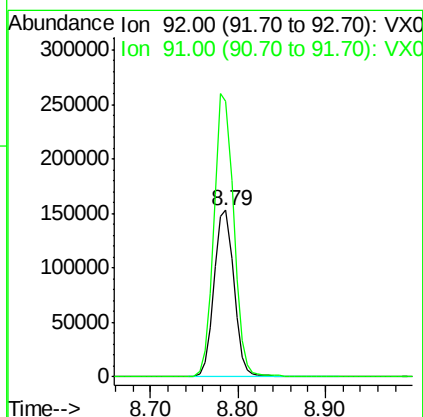
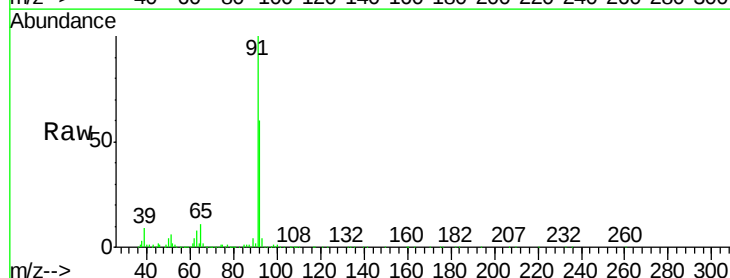
Instrument :
 MSVOA_X
 ClientSampleId :

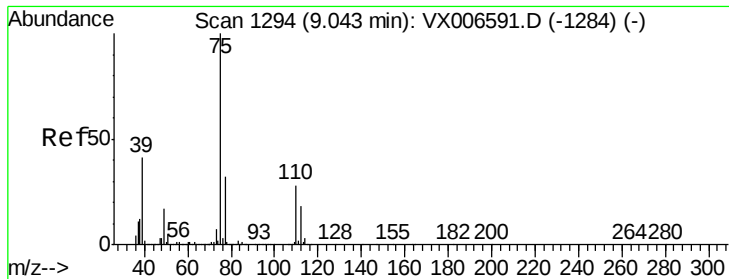
Tot Ion: 43 Resp: 708678
 Ion Ratio Lower Upper
 43 100
 58 38.8 31.8 47.6



#52
 Toluene
 Concen: 19.830 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX006937.D
 Acq: 07 Jan 2019 15:55

Tgt Ion: 92 Resp: 242627
 Ion Ratio Lower Upper
 92 100
 91 168.9 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 19.623 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

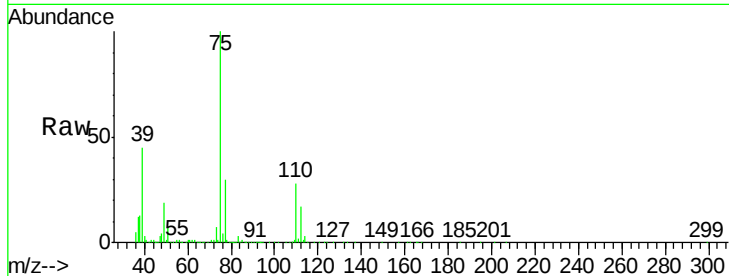
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 118443

Ion Ratio Lower Upper

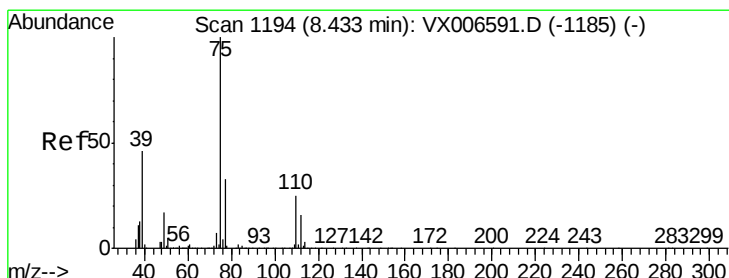
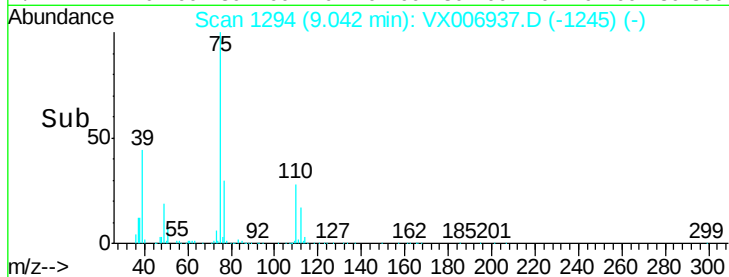
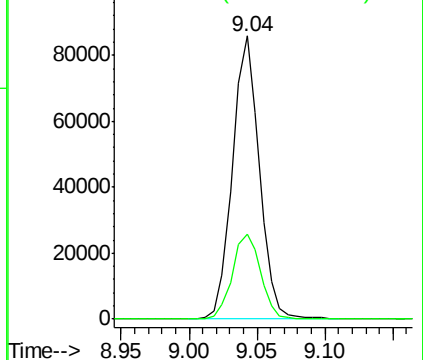
75 100

77 29.8 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.060 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

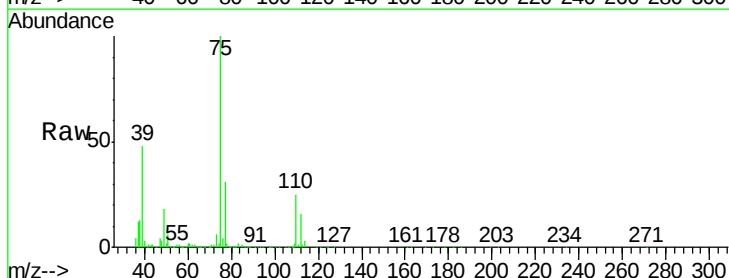
Tgt Ion: 75 Resp: 132861

Ion Ratio Lower Upper

75 100

77 31.5 26.2 39.2

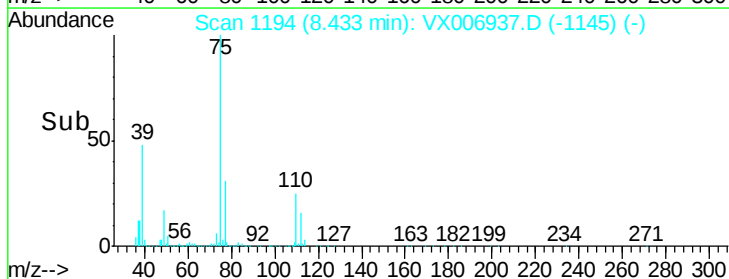
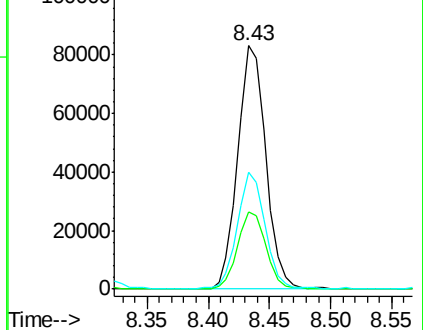
39 47.7 36.7 55.1

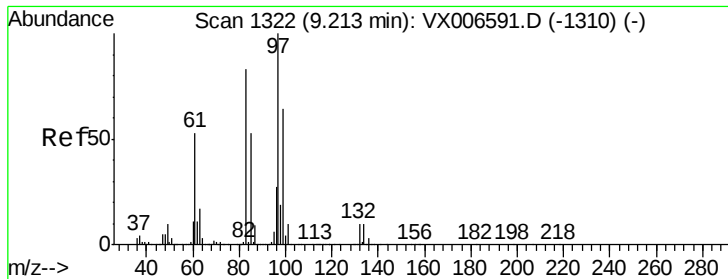


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 20.669 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 103510

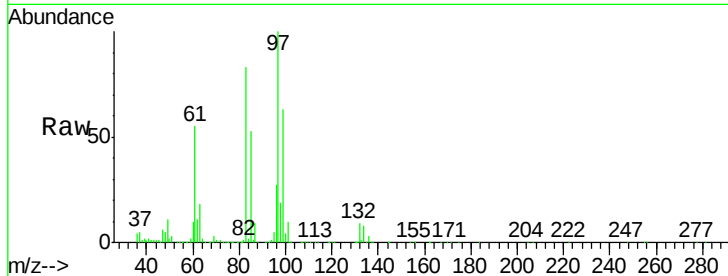
Ion Ratio Lower Upper

97 100

83 83.0 66.6 99.8

85 52.9 42.7 64.1

99 62.9 50.8 76.2

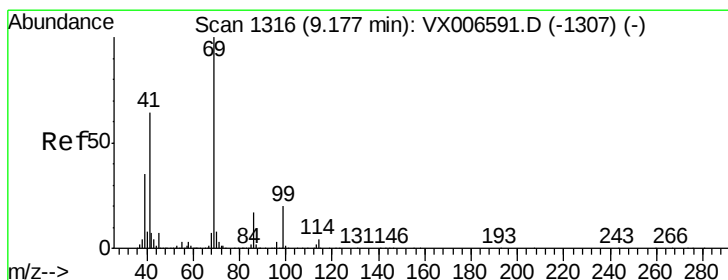
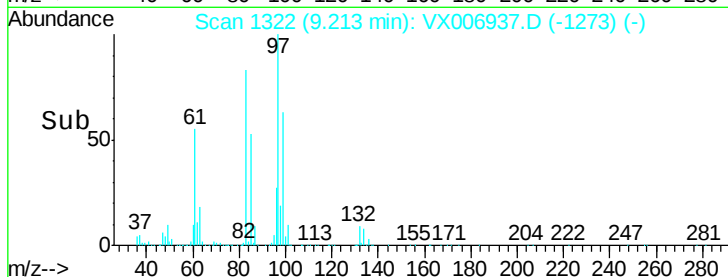
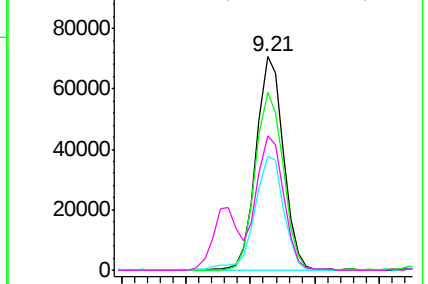


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 21.321 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

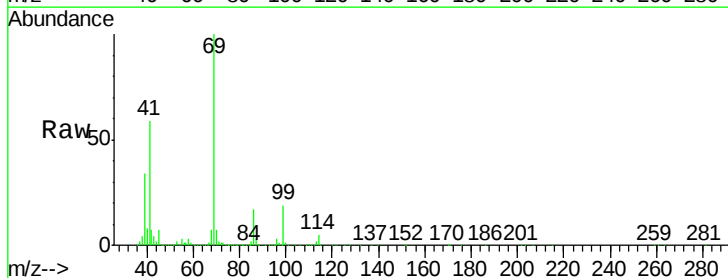
Tgt Ion: 69 Resp: 150918

Ion Ratio Lower Upper

69 100

41 62.5 48.7 73.1

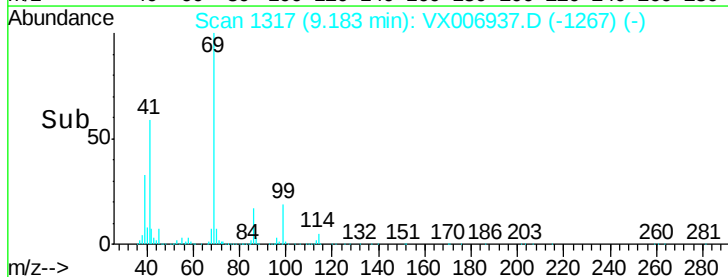
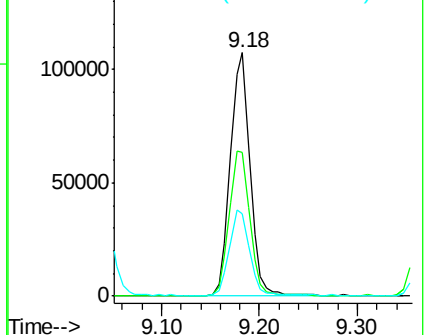
39 36.1 27.0 40.6

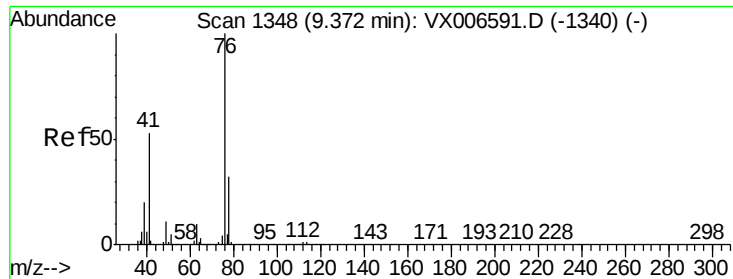


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.495 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_X

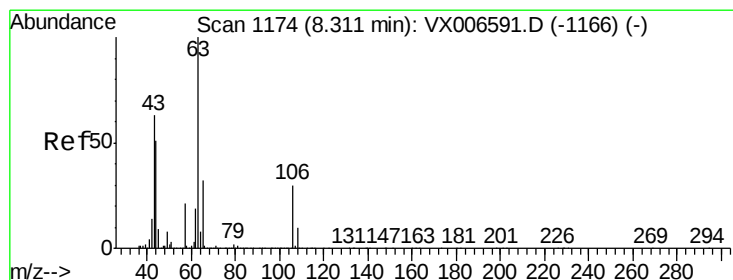
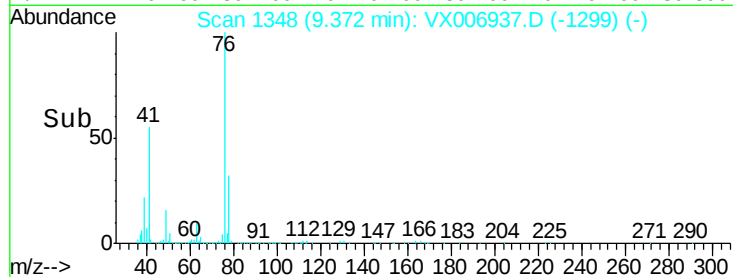
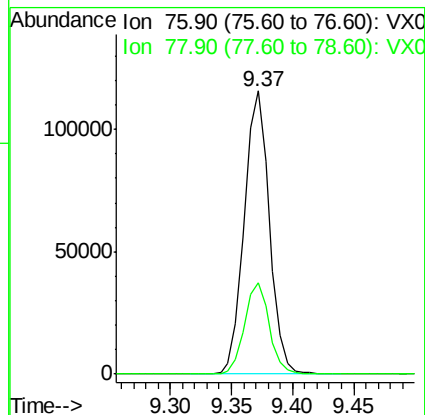
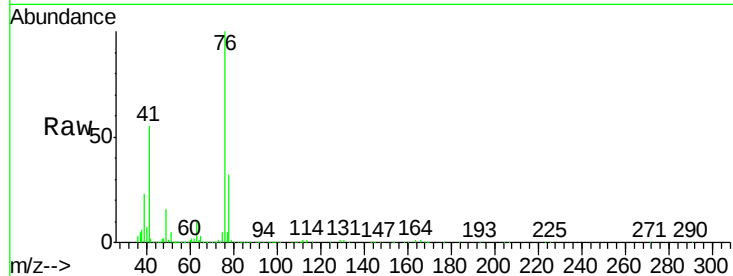
ClientSampleId :

Tot Ion: 76 Resp: 165137

Ion Ratio Lower Upper

76 100

78 32.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 104.288 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006937.D

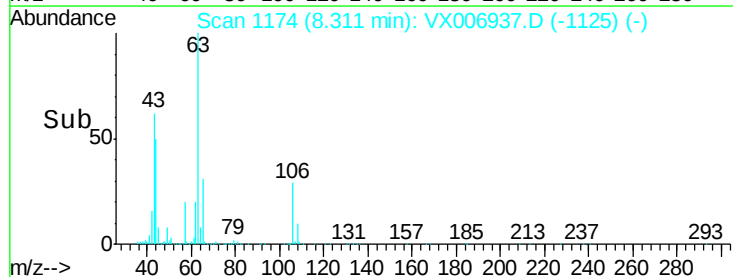
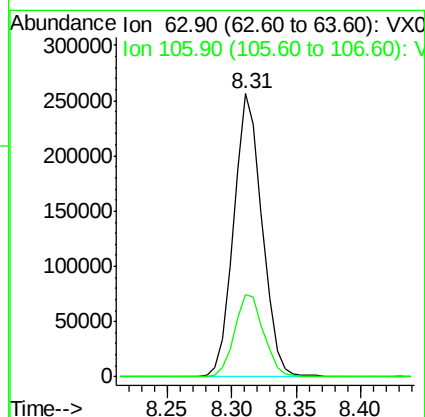
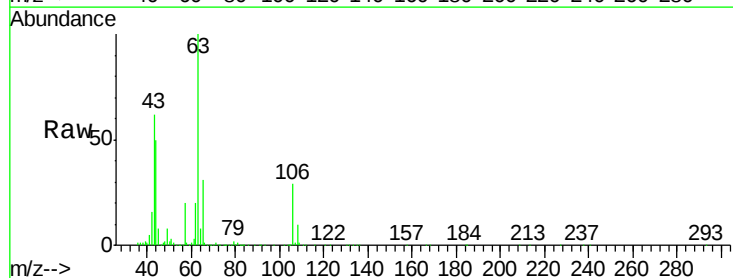
Acq: 07 Jan 2019 15:55

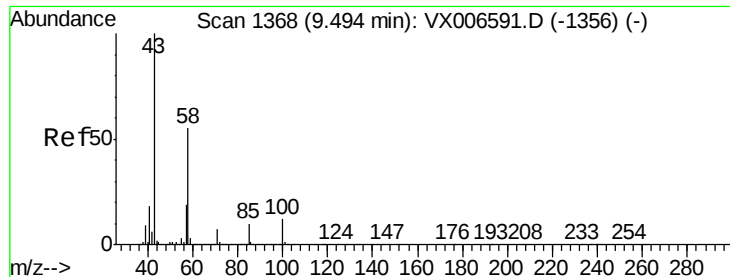
Tgt Ion: 63 Resp: 392390

Ion Ratio Lower Upper

63 100

106 30.0 24.6 36.8

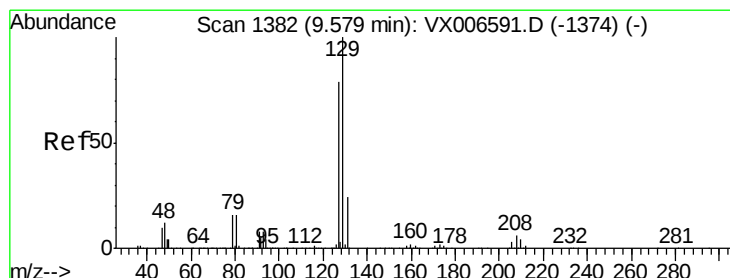
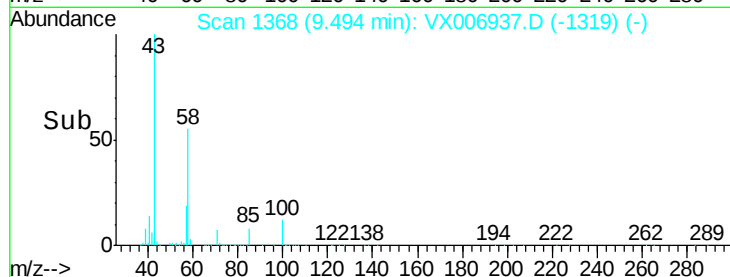
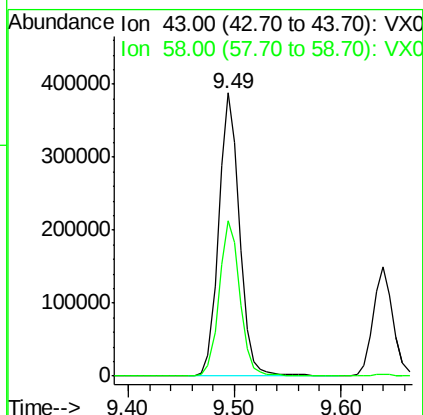
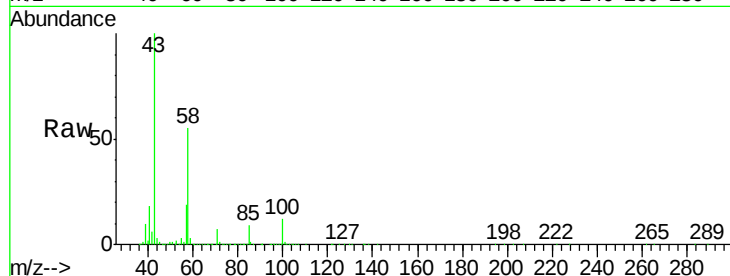




#59
2-Hexanone
Concen: 109.973 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006937.D
Acq: 07 Jan 2019 15:55

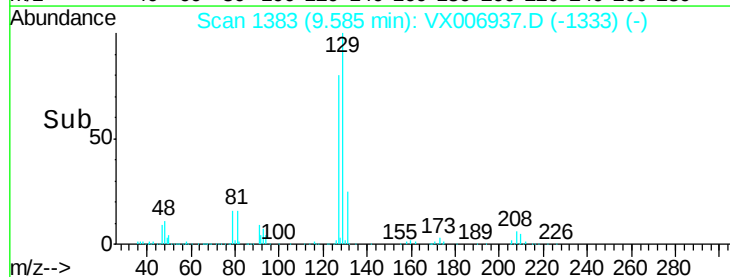
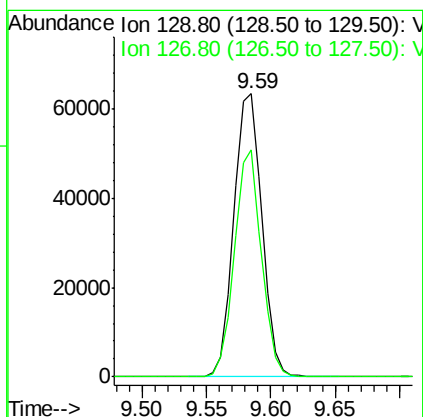
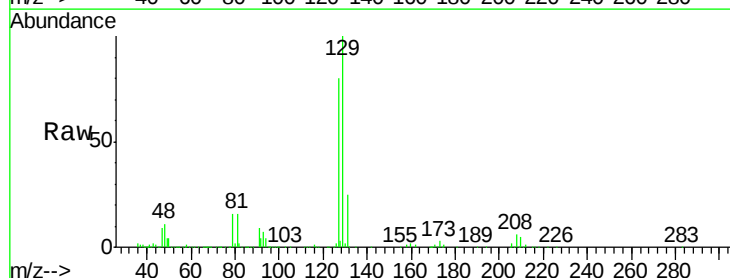
Instrument :
MSVOA_X
ClientSampled :

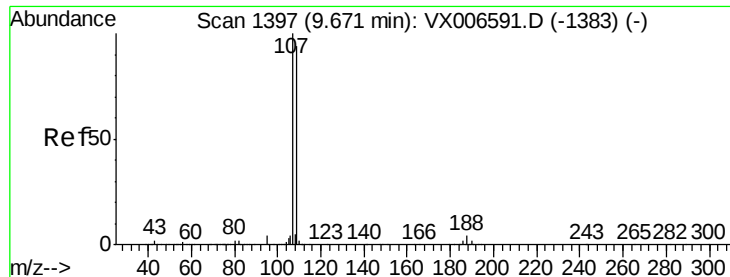
Tot Ion: 43 Resp: 528246
Ion Ratio Lower Upper
43 100
58 54.9 27.7 83.1



#60
Dibromochloromethane
Concen: 19.869 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006937.D
Acq: 07 Jan 2019 15:55

Tgt Ion:129 Resp: 96375
Ion Ratio Lower Upper
129 100
127 76.7 39.3 117.8





#61

1,2-Dibromoethane

Concen: 20.397 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_X

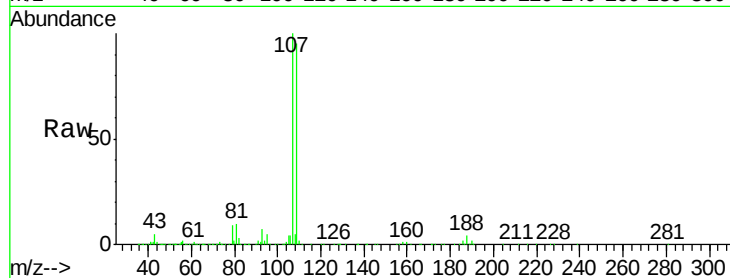
ClientSampleId :

Tot Ion: 107 Resp: 108588

Ion Ratio Lower Upper

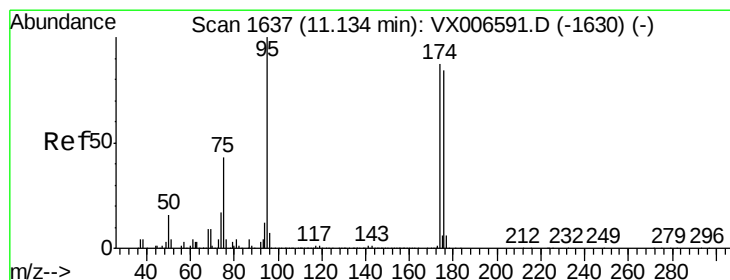
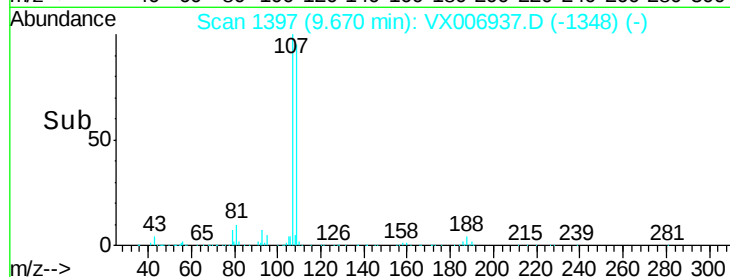
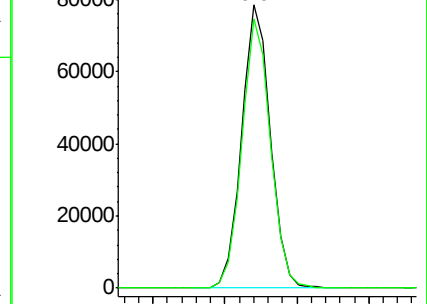
107 100

109 94.7 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.377 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

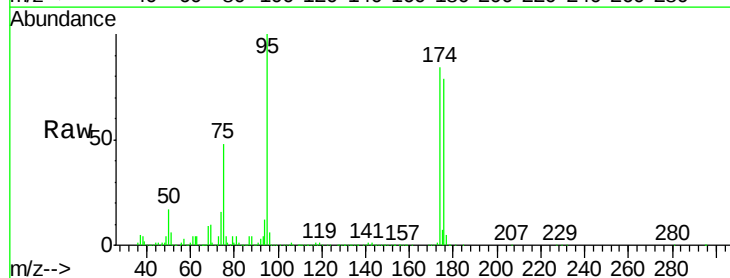
Tgt Ion: 95 Resp: 324331

Ion Ratio Lower Upper

95 100

174 92.7 0.0 182.2

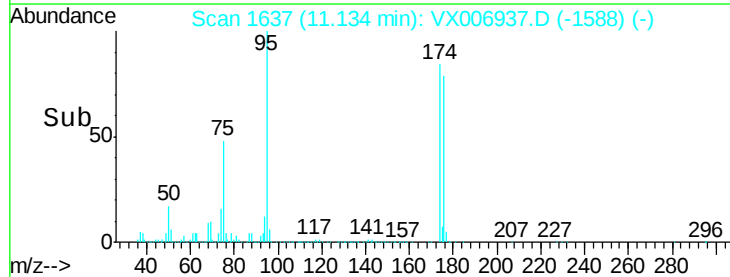
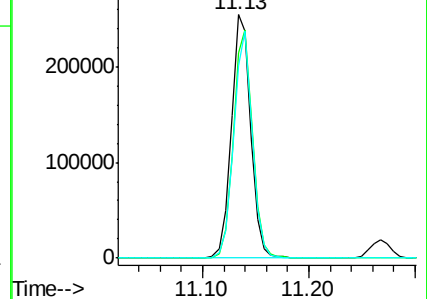
176 90.0 0.0 178.8

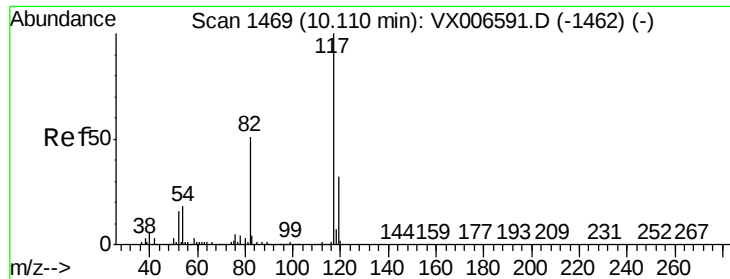


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

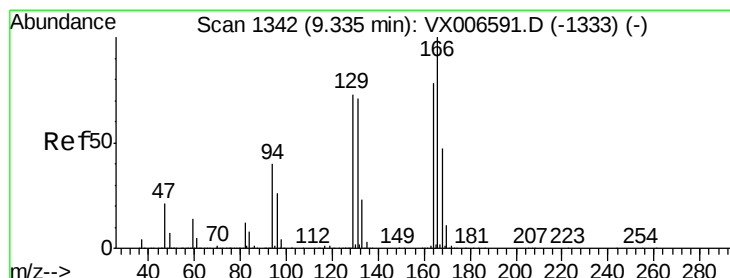
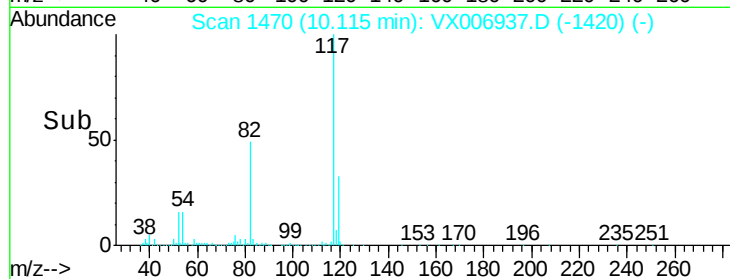
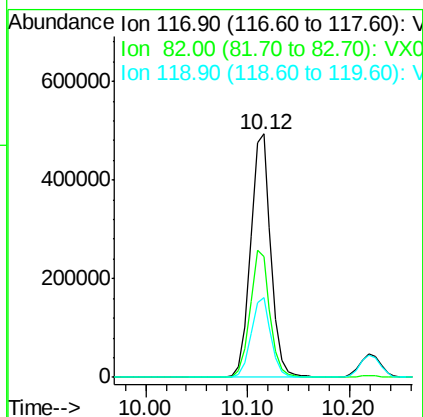
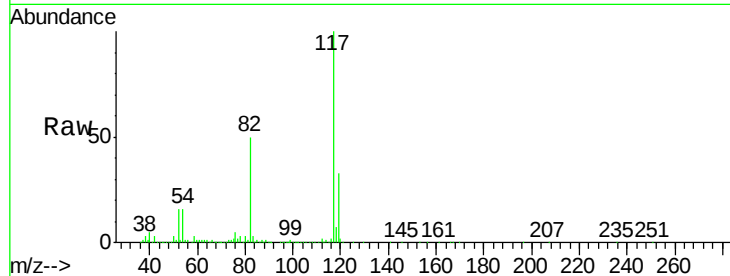




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006937.D
Acq: 07 Jan 2019 15:55

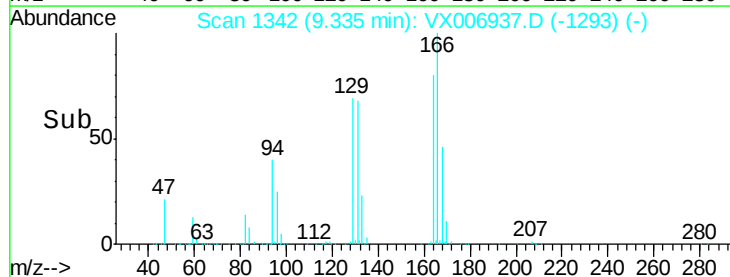
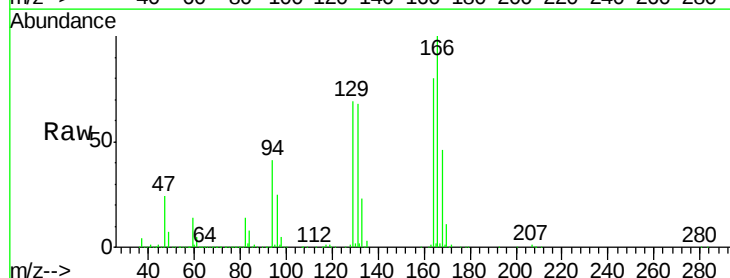
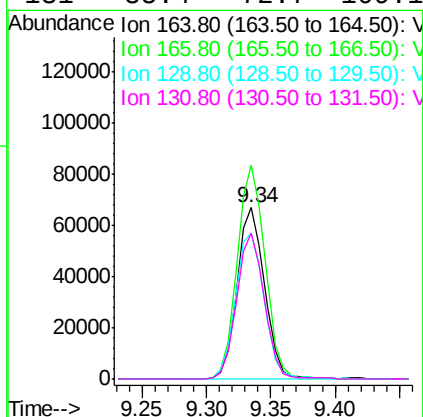
Instrument :
MSVOA_X
ClientSampleId :

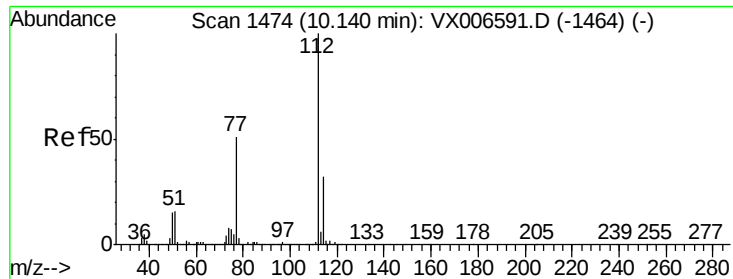
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.5	41.0	61.6
119	32.5	25.4	38.0



#64
Tetrachloroethene
Concen: 18.277 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006937.D
Acq: 07 Jan 2019 15:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.9	102.5	153.7
129	85.6	75.1	112.7
131	85.4	72.7	109.1





#65

Chlorobenzene

Concen: 19.091 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_X

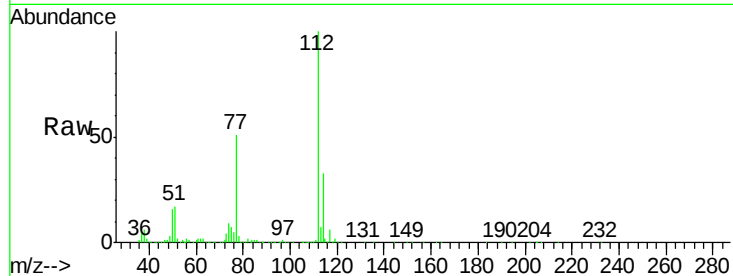
ClientSampleId :

Tot Ion:112 Resp: 275926

Ion Ratio Lower Upper

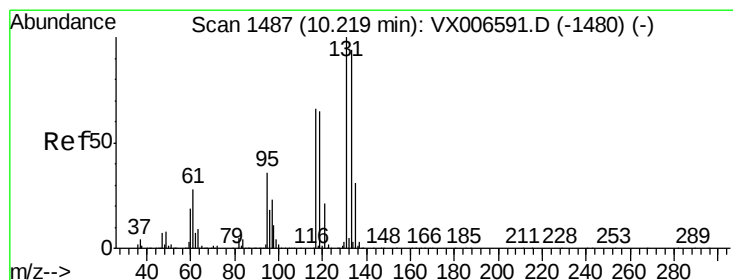
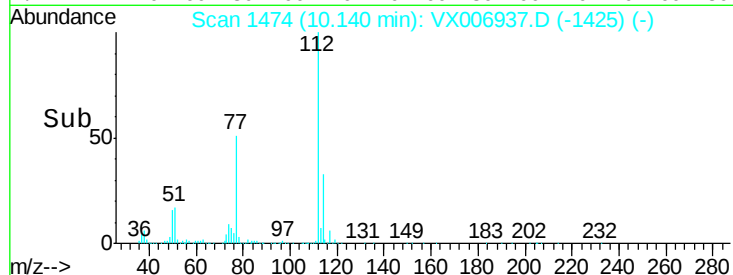
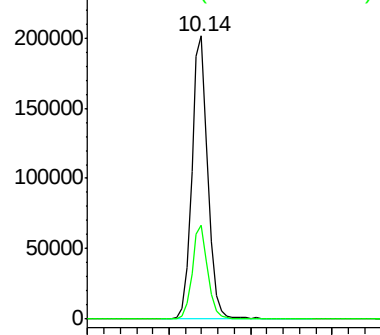
112 100

114 33.1 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.716 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

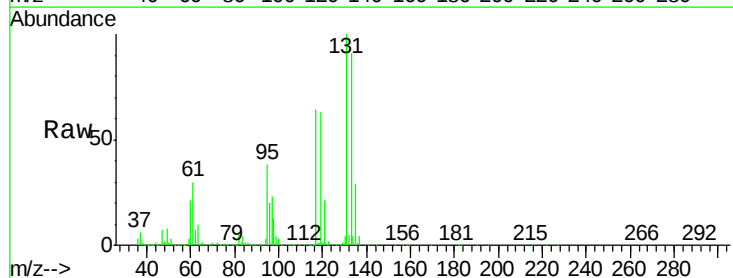
Tgt Ion:131 Resp: 97925

Ion Ratio Lower Upper

131 100

133 93.9 48.0 144.2

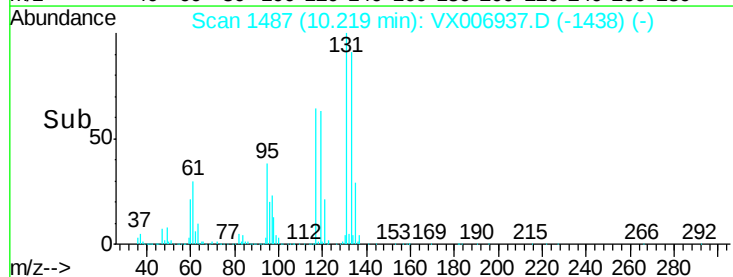
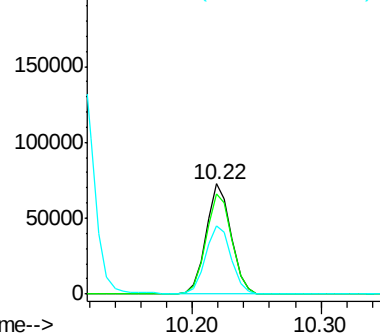
119 63.7 32.6 97.8

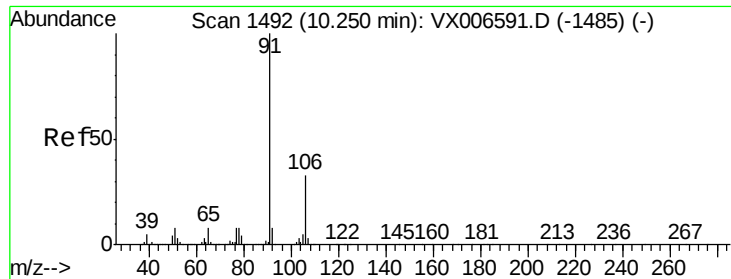


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.776 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_X

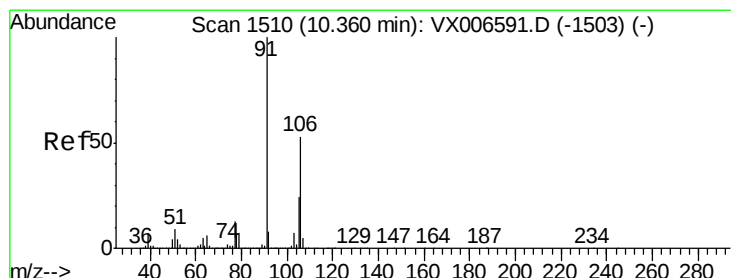
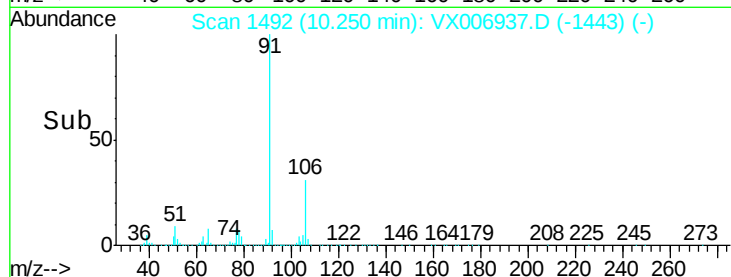
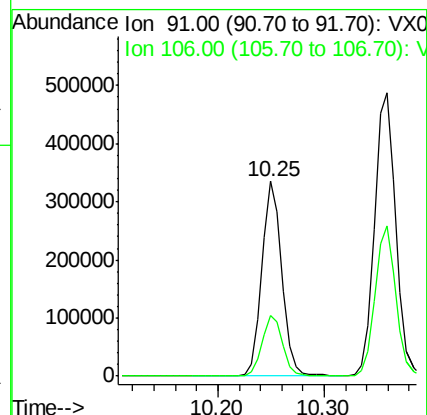
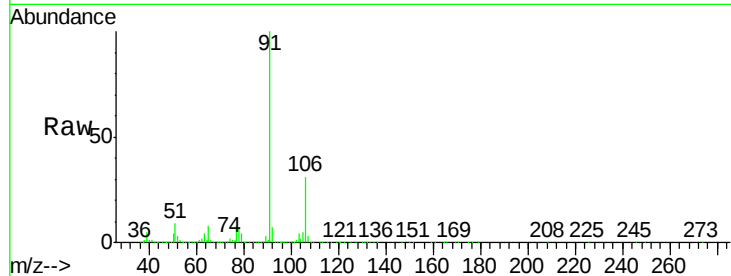
ClientSampleId :

Tot Ion: 91 Resp: 443441

Ion Ratio Lower Upper

91 100

106 31.0 26.4 39.6



#68

m/p-Xylenes

Concen: 38.038 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006937.D

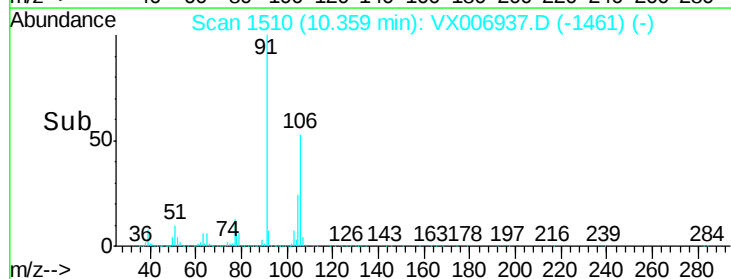
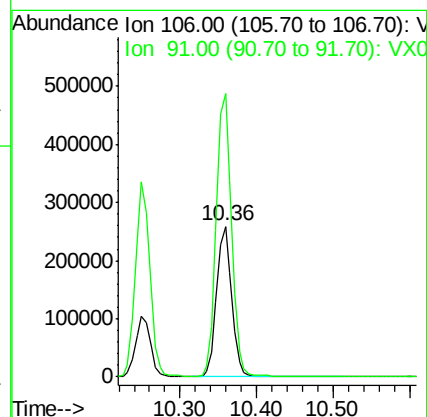
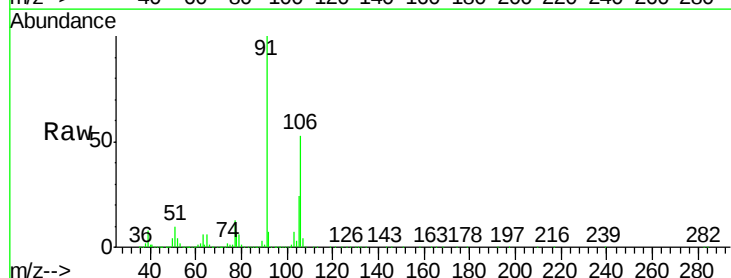
Acq: 07 Jan 2019 15:55

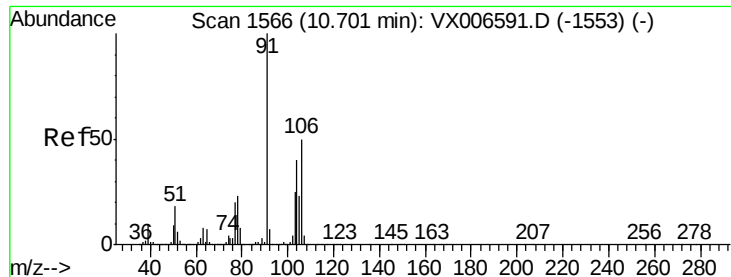
Tgt Ion: 106 Resp: 354496

Ion Ratio Lower Upper

106 100

91 191.1 155.8 233.6

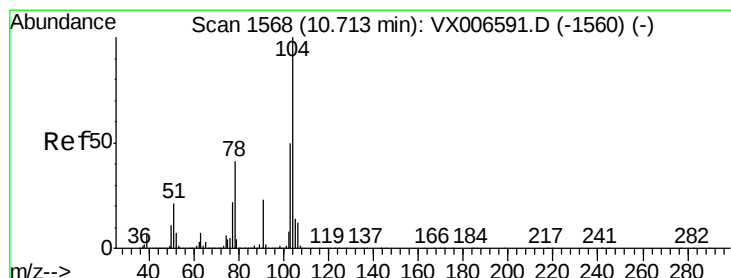
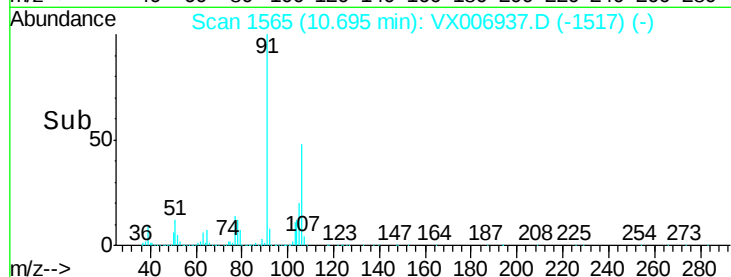
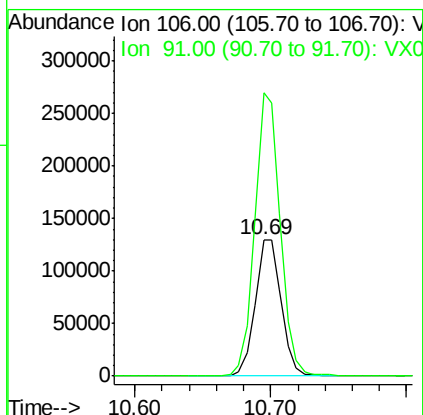
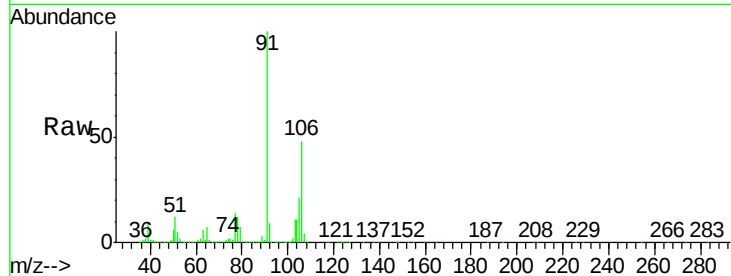




#69
o-Xylene
Concen: 19.023 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006937.D
Acq: 07 Jan 2019 15:55

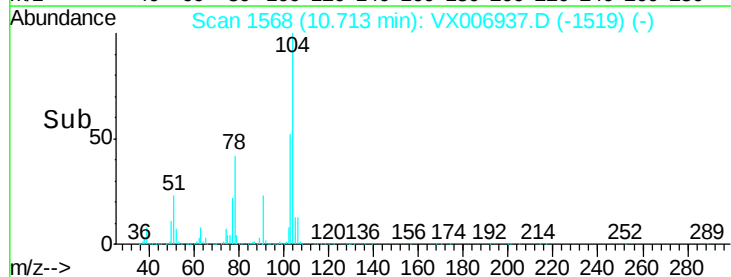
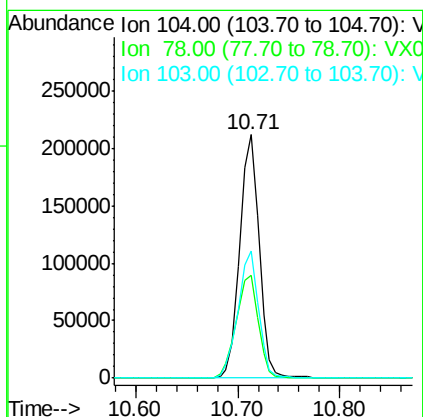
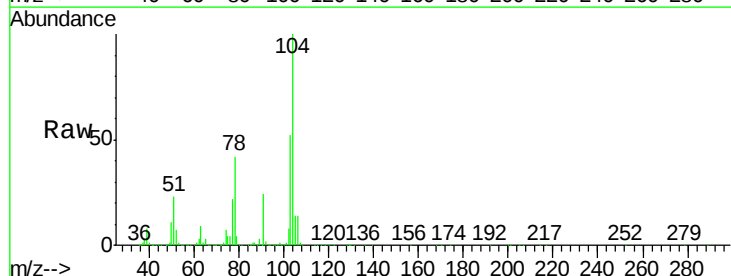
Instrument :
MSVOA_X
ClientSampled :

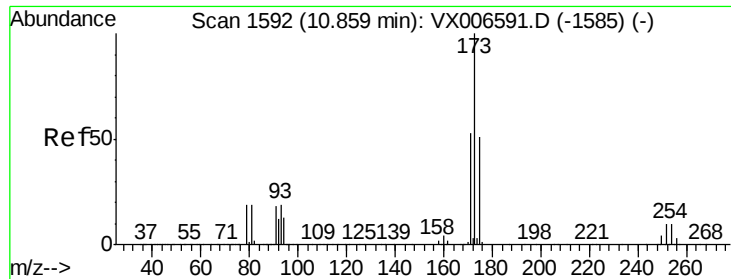
Tot Ion:106 Resp: 175063
Ion Ratio Lower Upper
106 100
91 203.4 101.3 303.7



#70
Styrene
Concen: 19.143 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006937.D
Acq: 07 Jan 2019 15:55

Tgt Ion:104 Resp: 278706
Ion Ratio Lower Upper
104 100
78 48.7 37.7 56.5
103 55.8 43.8 65.8





#71

Bromoform

Concen: 20.154 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

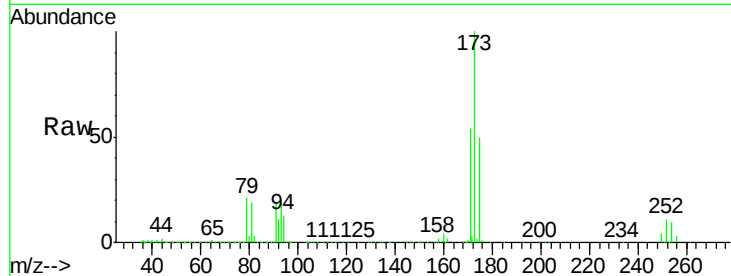
Tot Ion:173 Resp: 70089

Ion Ratio Lower Upper

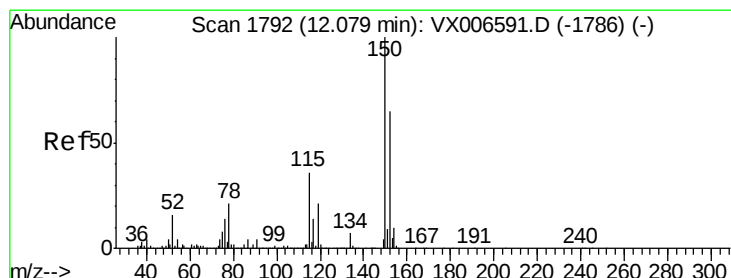
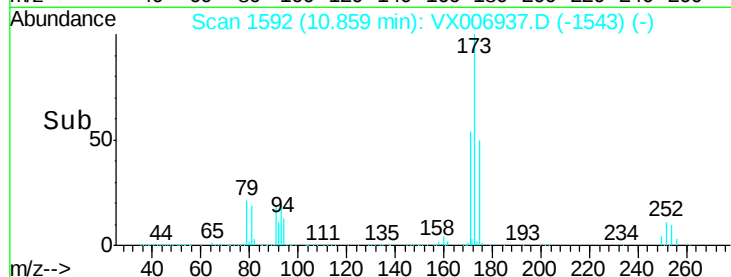
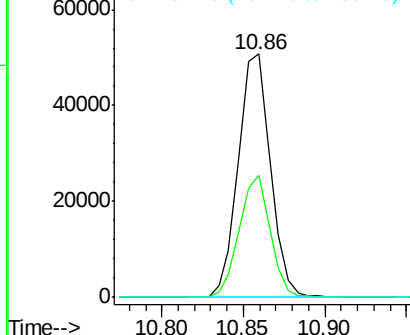
173 100

175 48.2 24.7 74.1

254 0.1 0.2 0.2#



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: VX006937.D

Acq: 07 Jan 2019 15:55

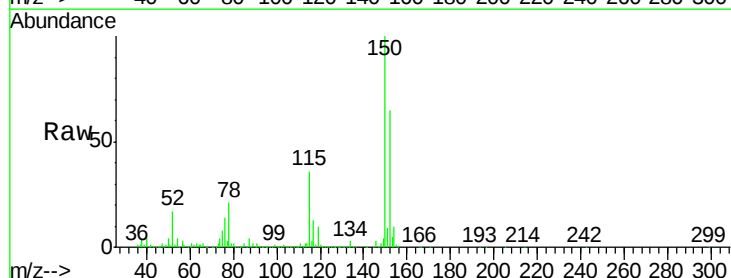
Tgt Ion:152 Resp: 346109

Ion Ratio Lower Upper

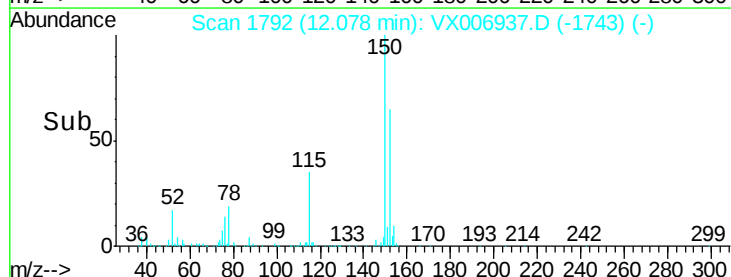
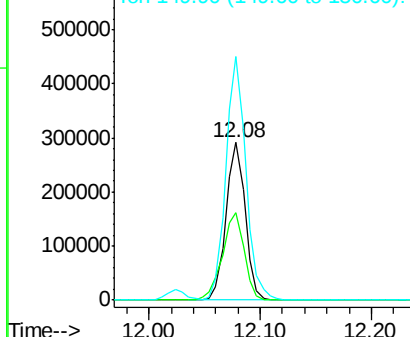
152 100

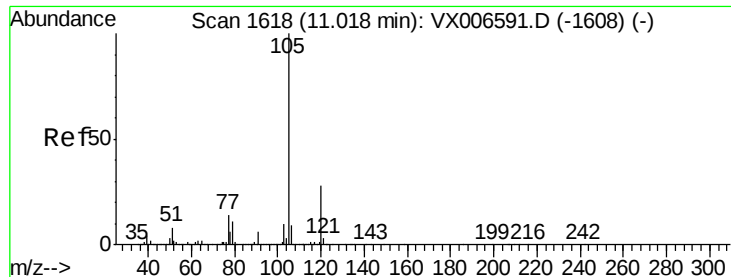
115 62.9 39.1 117.2

150 161.0 0.0 344.8



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





#73

Isopropylbenzene

Concen: 19.316 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_X

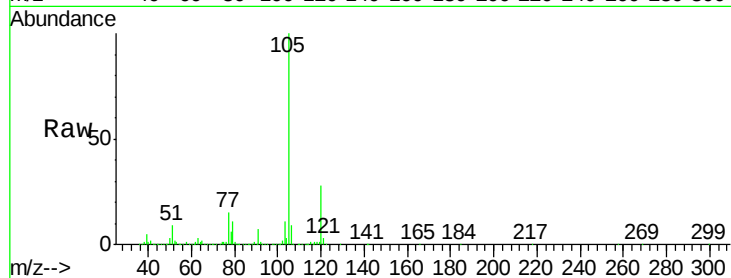
ClientSampleId :

Tot Ion:105 Resp: 457358

Ion Ratio Lower Upper

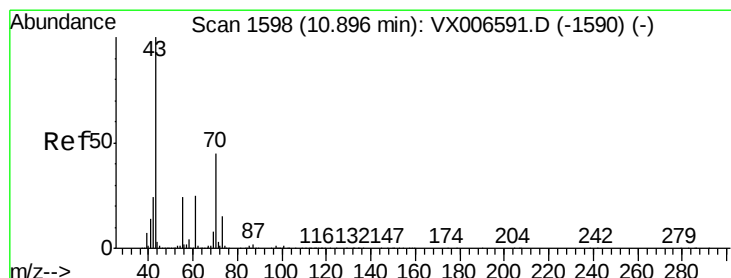
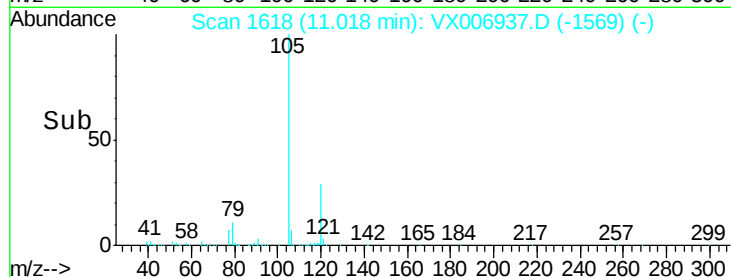
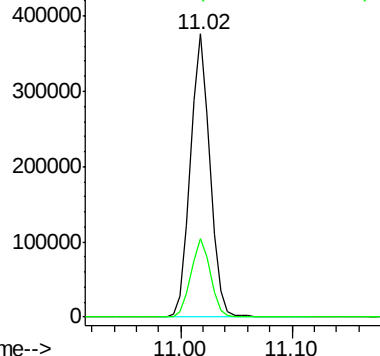
105 100

120 28.0 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.581 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

Tgt Ion: 43 Resp: 191381

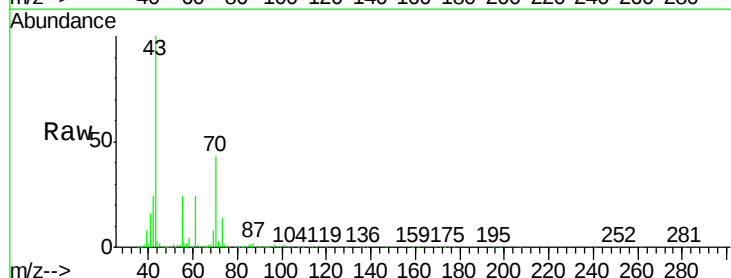
Ion Ratio Lower Upper

43 100

70 42.8 35.8 53.8

55 24.4 19.4 29.0

61 24.3 20.1 30.1

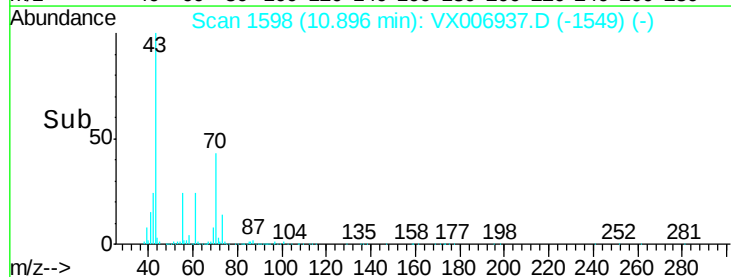
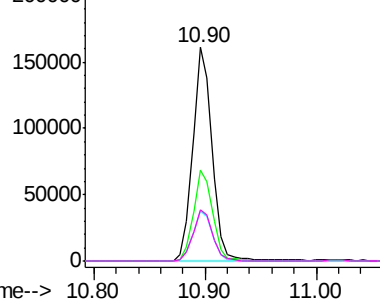


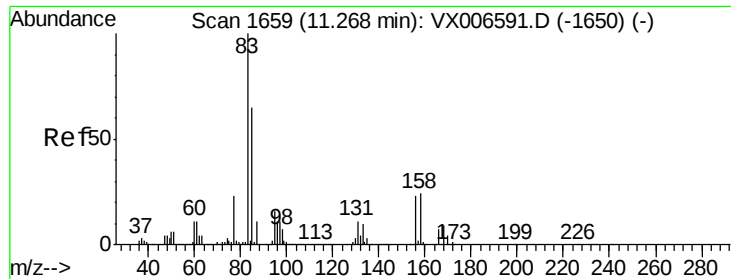
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.831 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

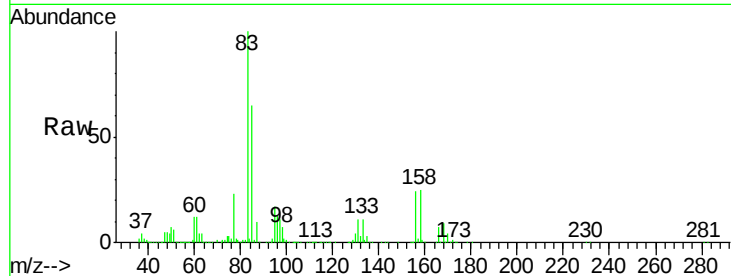
Tot Ion: 83 Resp: 153732

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.1

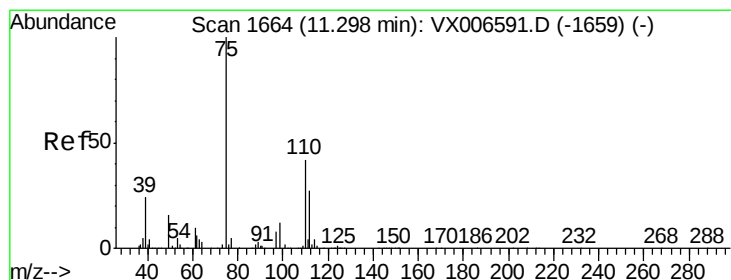
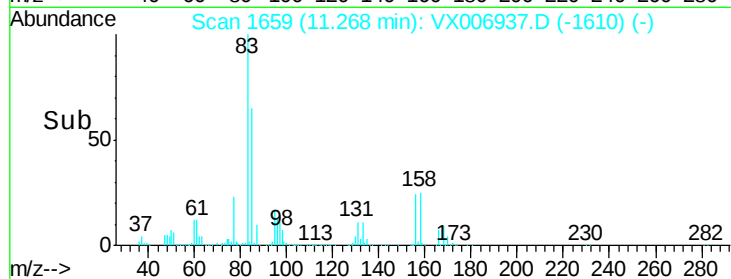
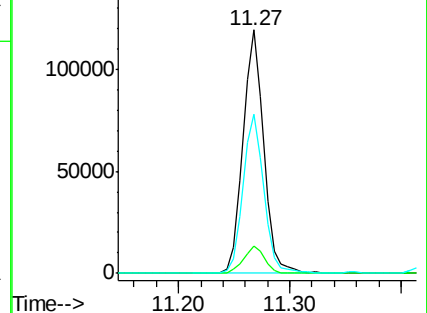
85 65.7 32.2 96.6



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: 25.767 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006937.D

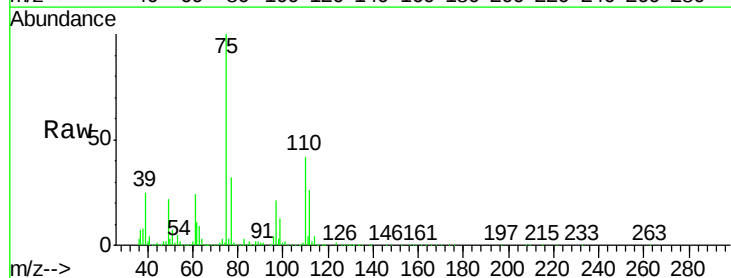
Acq: 07 Jan 2019 15:55

Tgt Ion: 75 Resp: 165739

Ion Ratio Lower Upper

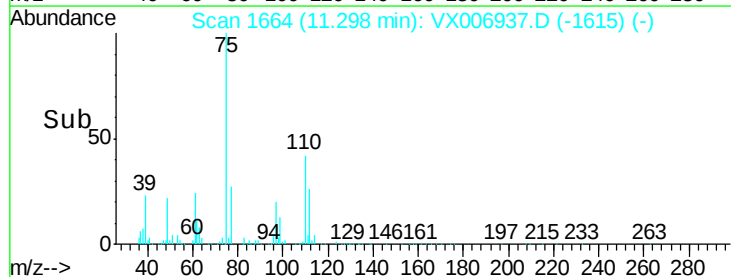
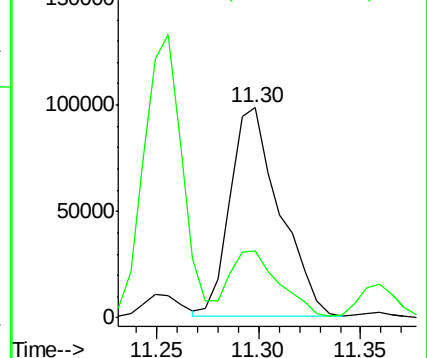
75 100

77 31.6 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.742 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

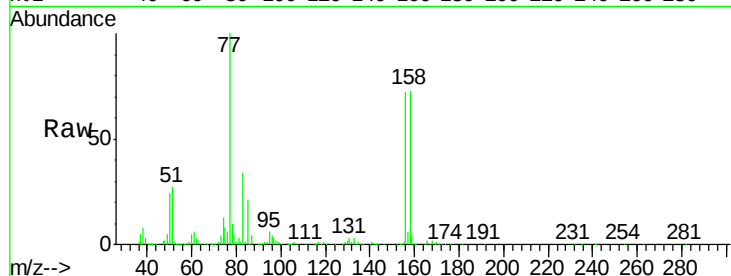
Tot Ion:156 Resp: 126378

Ion Ratio Lower Upper

156 100

77 138.1 68.0 204.0

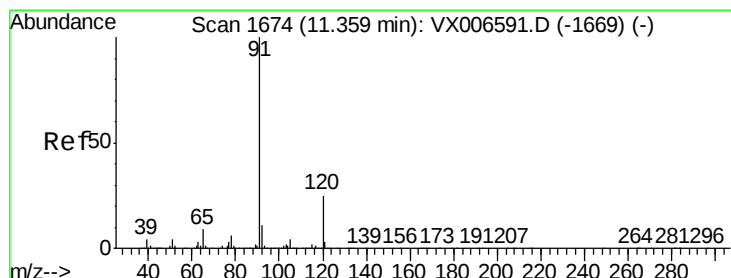
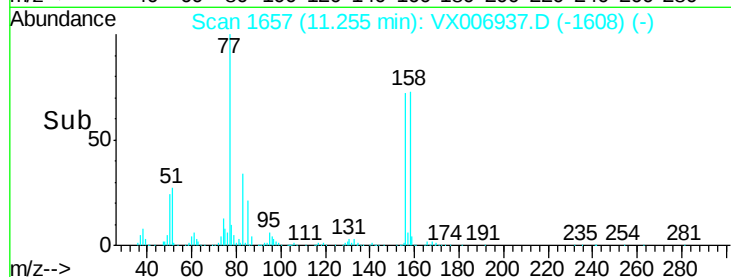
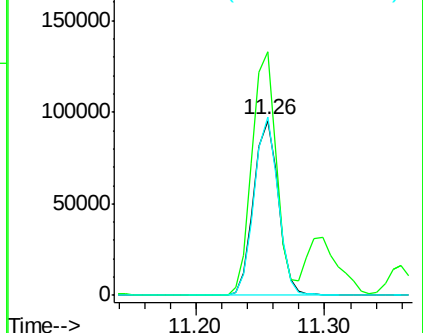
158 98.7 48.3 144.8



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: 19.355 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006937.D

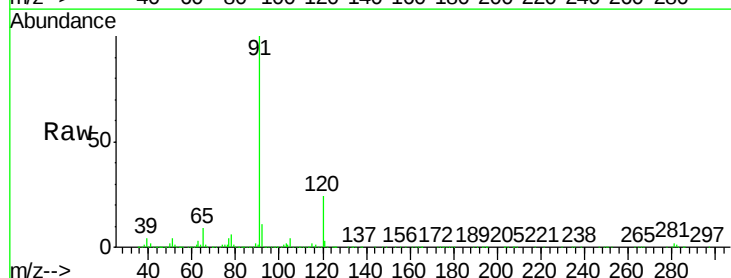
Acq: 07 Jan 2019 15:55

Tgt Ion: 91 Resp: 504678

Ion Ratio Lower Upper

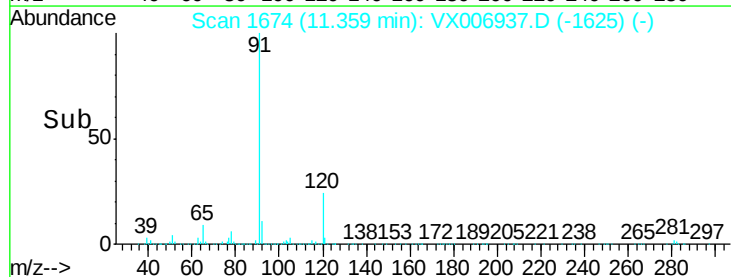
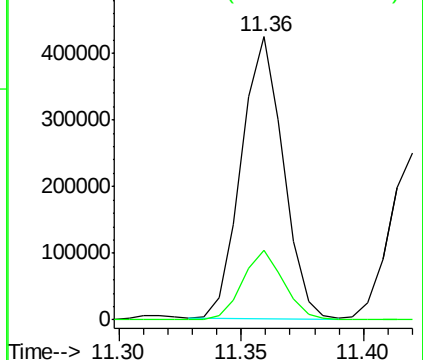
91 100

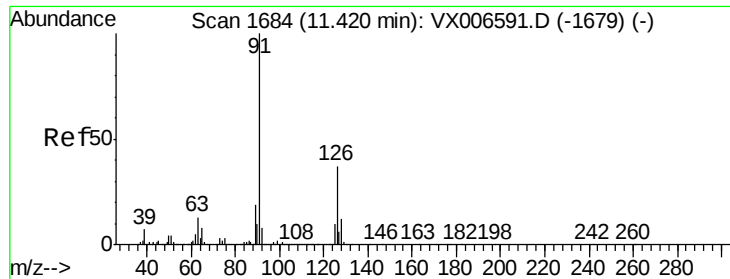
120 24.4 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

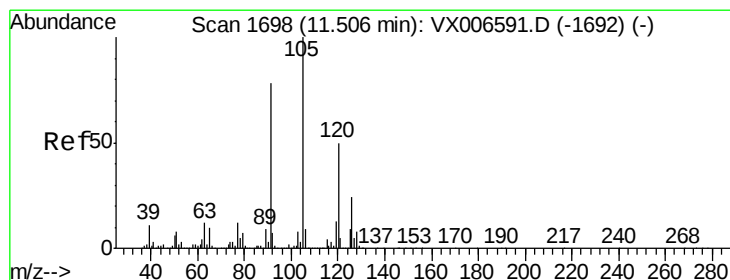
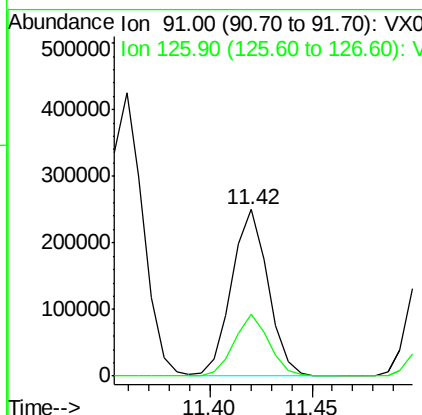
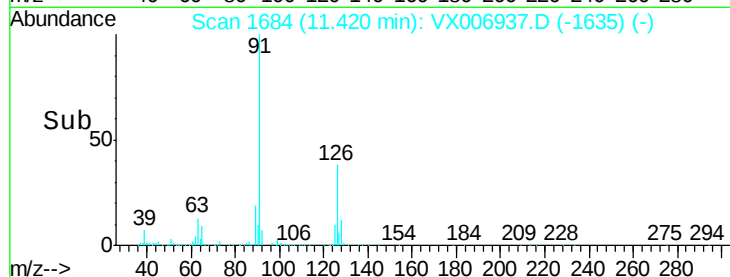
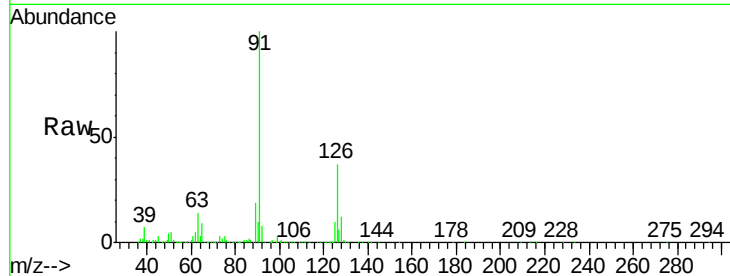




#79
 2-Chlorotoluene
 Concen: 19.423 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX006937.D
 Acq: 07 Jan 2019 15:55

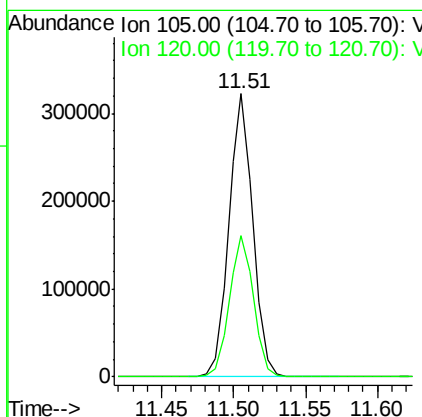
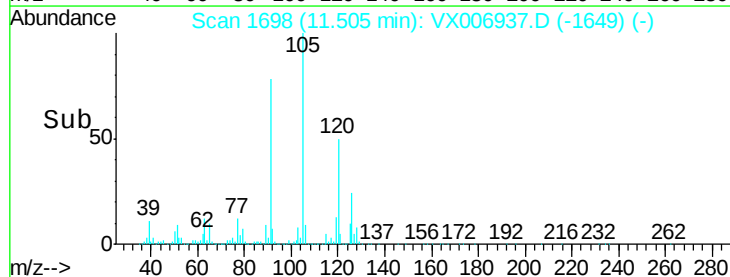
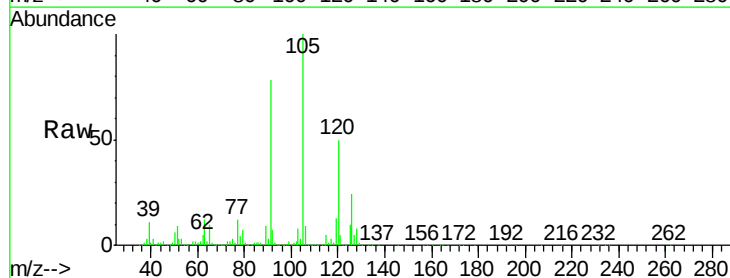
Instrument :
 MSVOA_X
 ClientSampled :

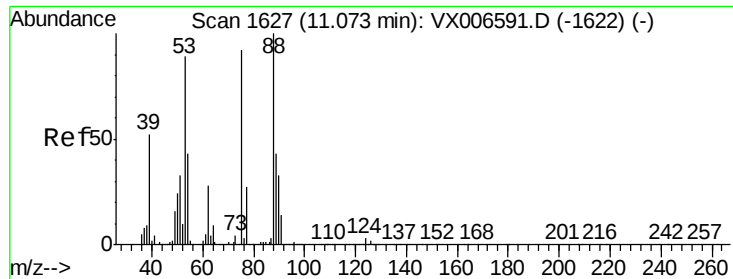
Tot Ion: 91 Resp: 306908
 Ion Ratio Lower Upper
 91 100
 126 36.2 18.6 56.0



#80
 1,3,5-Trimethylbenzene
 Concen: 19.329 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006937.D
 Acq: 07 Jan 2019 15:55

Tgt Ion: 105 Resp: 376973
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.1 75.3

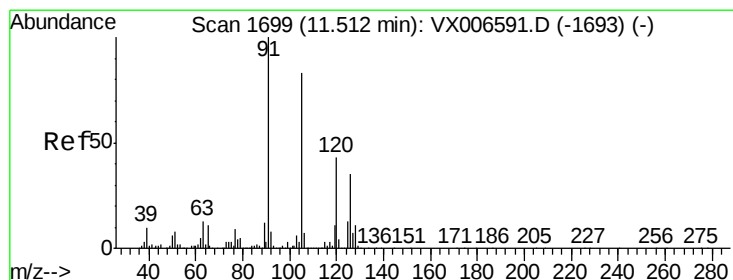
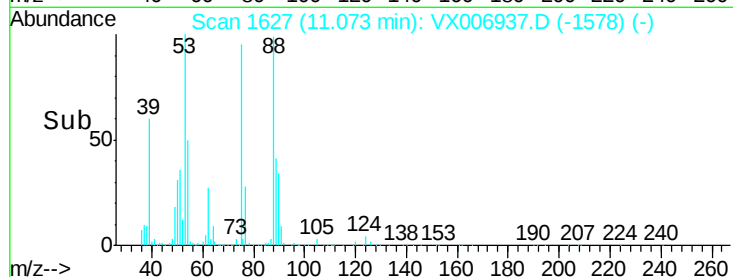
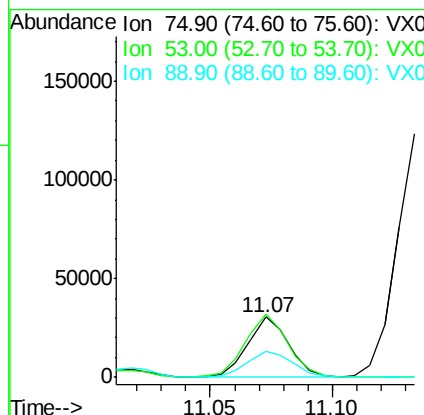
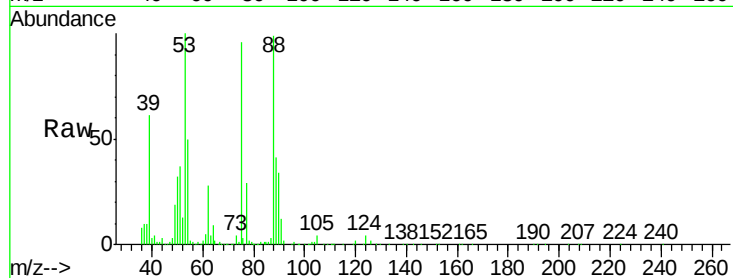




#81
trans-1,4-Dichloro-2-butene
Concen: 19.584 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006937.D
Acq: 07 Jan 2019 15:55

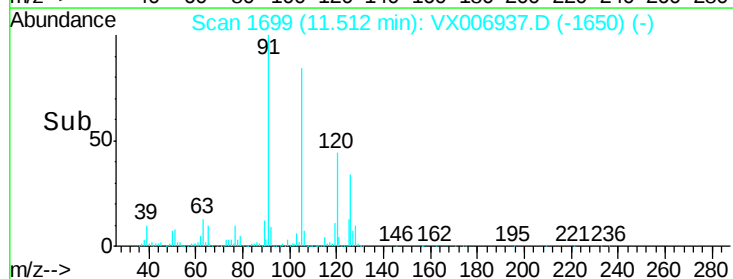
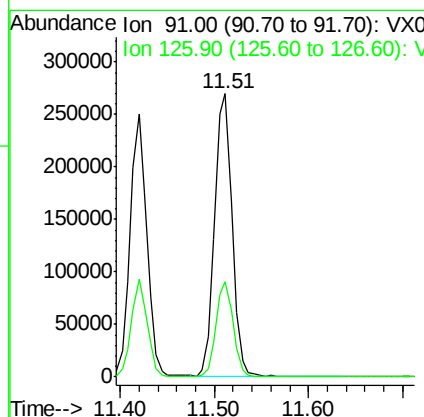
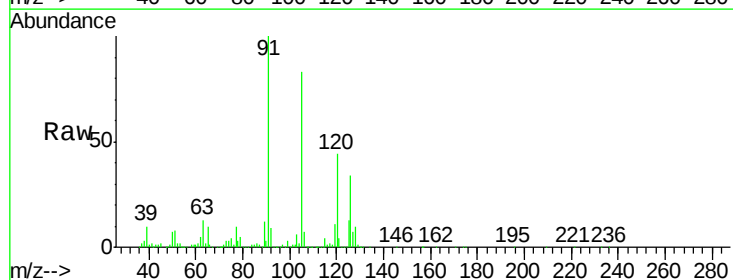
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 35447
Ion Ratio Lower Upper
75 100
53 108.8 79.7 119.5
89 48.0 38.0 57.0



#82
4-Chlorotoluene
Concen: 19.276 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006937.D
Acq: 07 Jan 2019 15:55

Tgt Ion: 91 Resp: 349380
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.9

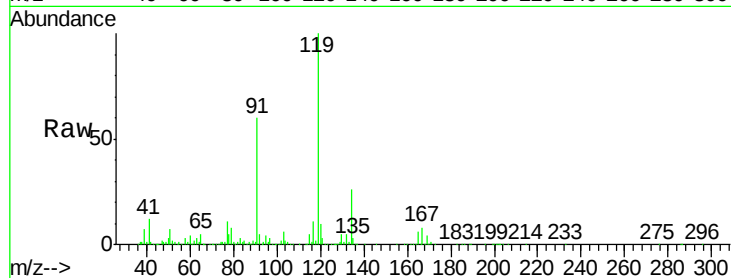




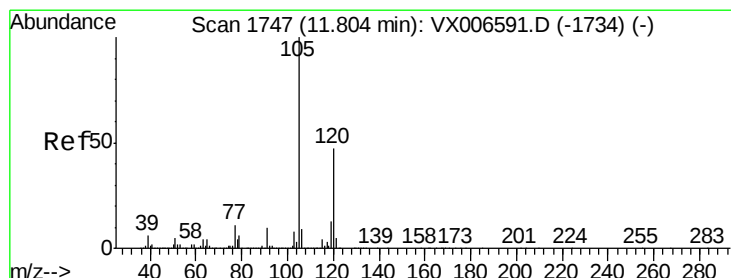
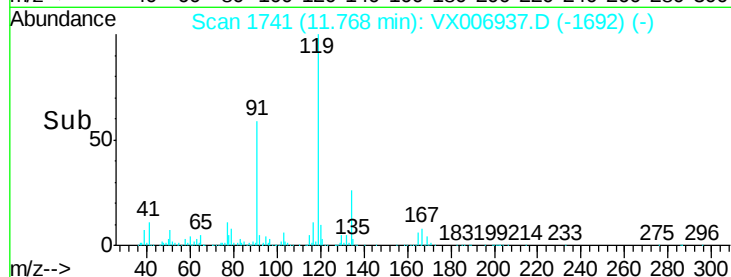
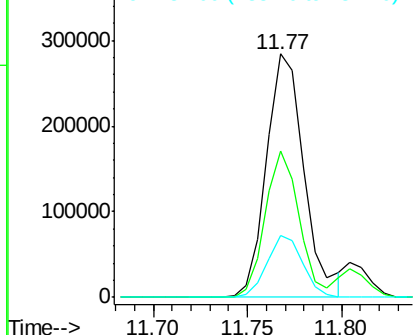
#83
 tert-Butylbenzene
 Concen: 20.207 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX006937.D
 Acq: 07 Jan 2019 15:55

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:119 Resp: 394415
 Ion Ratio Lower Upper
 119 100
 91 54.0 27.7 83.1
 134 24.1 11.9 35.5

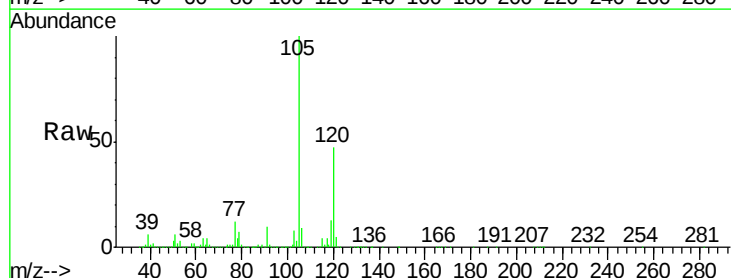


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

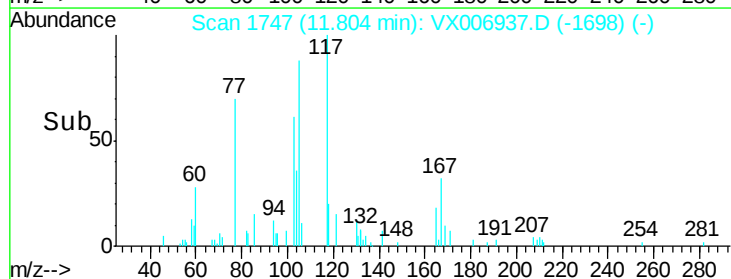
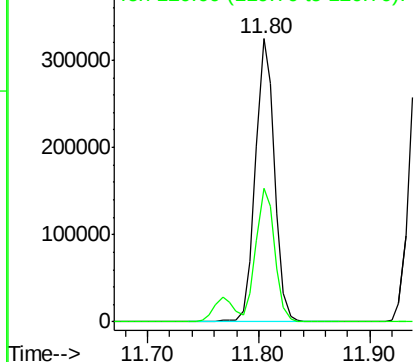


#84
 1,2,4-Trimethylbenzene
 Concen: 18.848 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006937.D
 Acq: 07 Jan 2019 15:55

Tgt Ion:105 Resp: 386631
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.2 69.6



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





#85

sec-Butylbenzene

Concen: 19.008 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_X

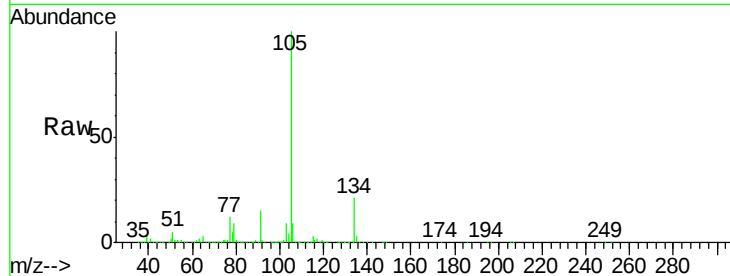
ClientSampled :

Tot Ion:105 Resp: 454881

Ion Ratio Lower Upper

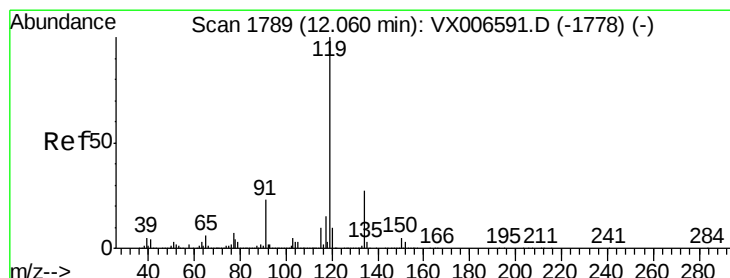
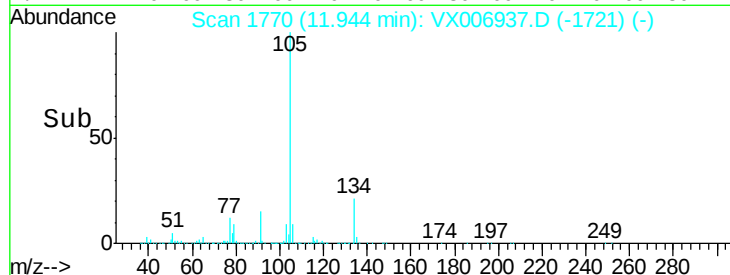
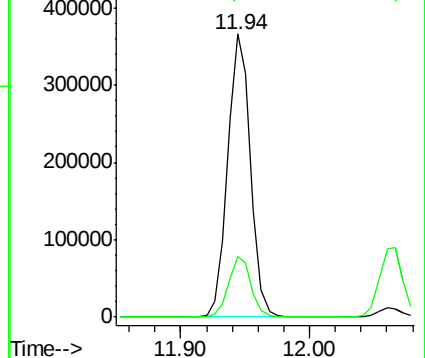
105 100

134 21.1 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.355 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

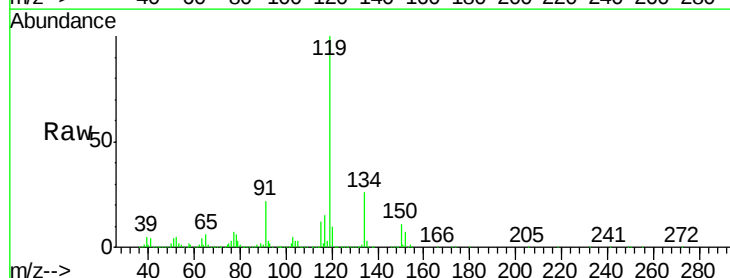
Tgt Ion:119 Resp: 407161

Ion Ratio Lower Upper

119 100

134 27.3 14.0 41.9

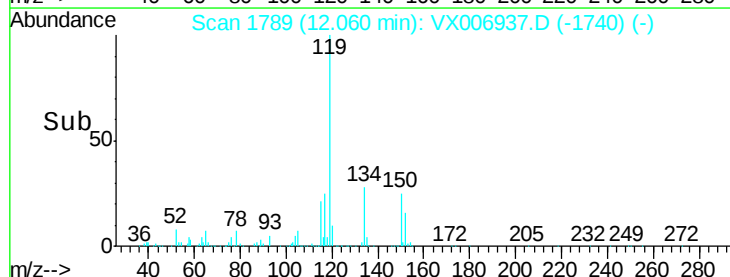
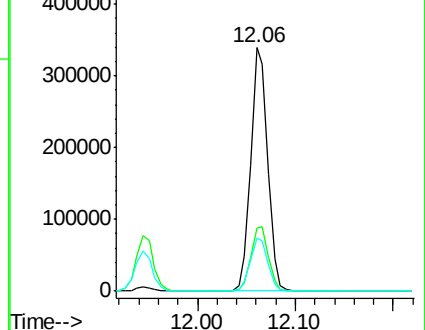
91 22.3 11.3 33.9

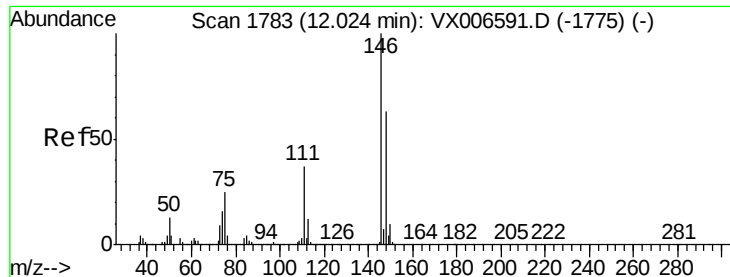


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.394 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

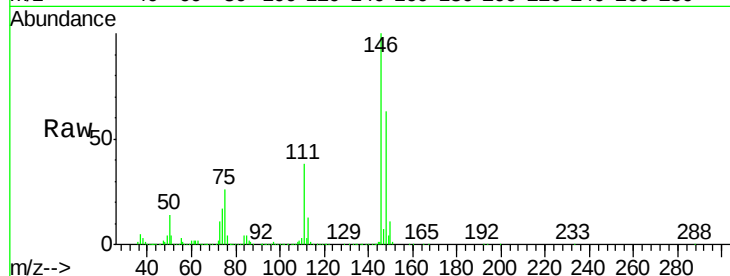
Tot Ion:146 Resp: 223752

Ion Ratio Lower Upper

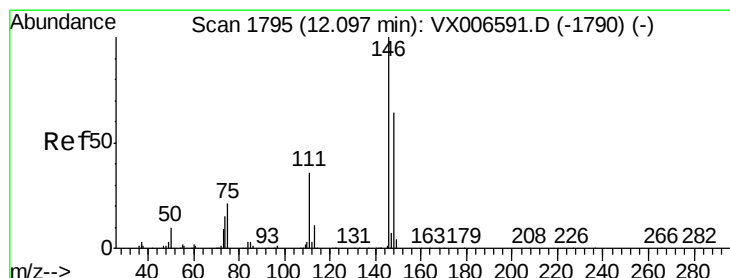
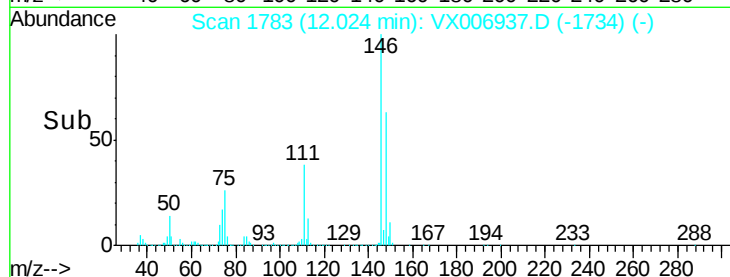
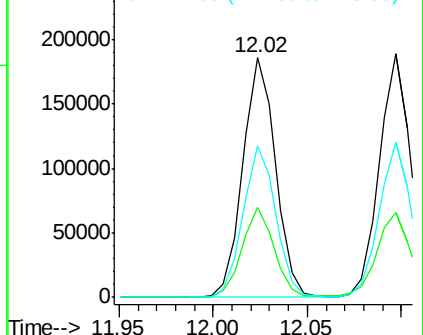
146 100

111 37.0 18.6 55.8

148 63.4 31.8 95.3



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: 18.890 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

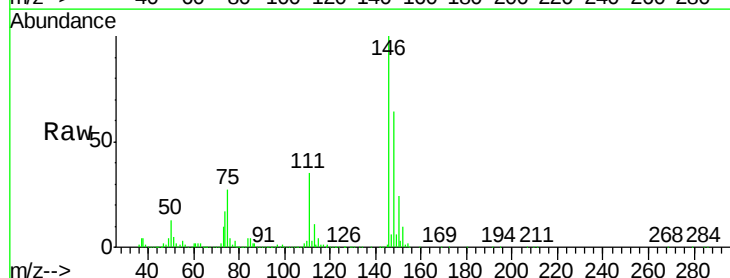
Tgt Ion:146 Resp: 223407

Ion Ratio Lower Upper

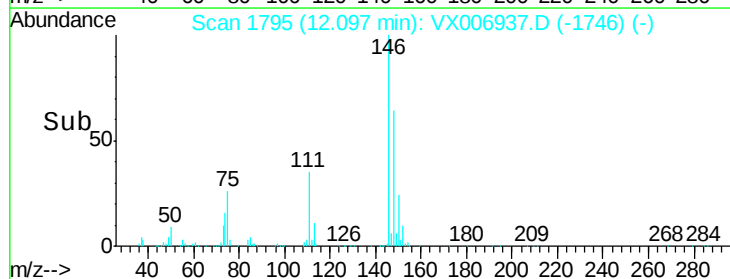
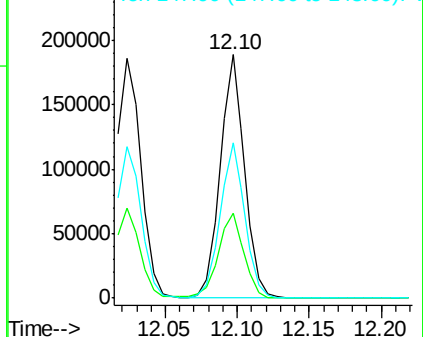
146 100

111 36.5 18.1 54.1

148 64.7 31.9 95.9



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

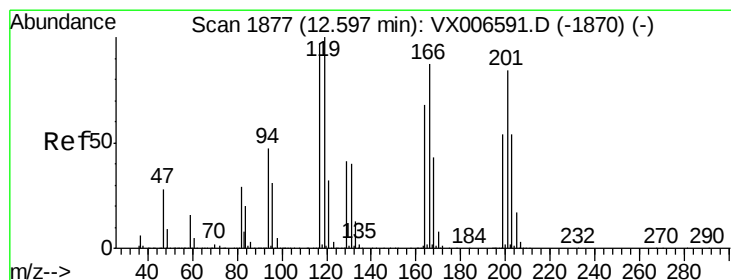
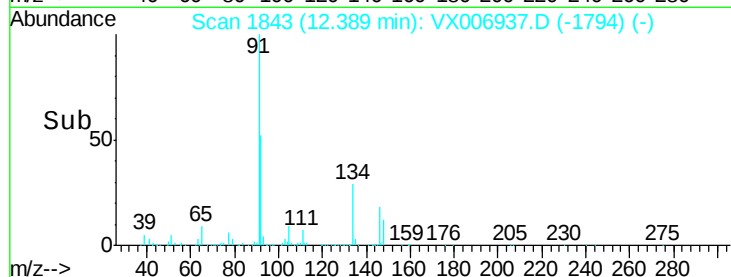
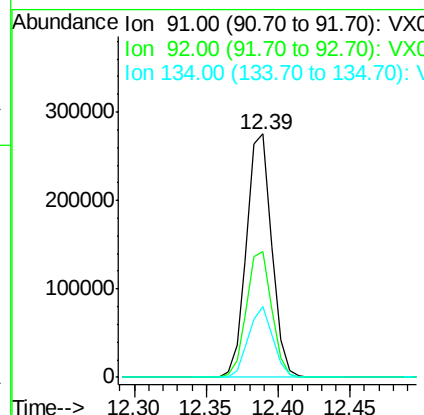
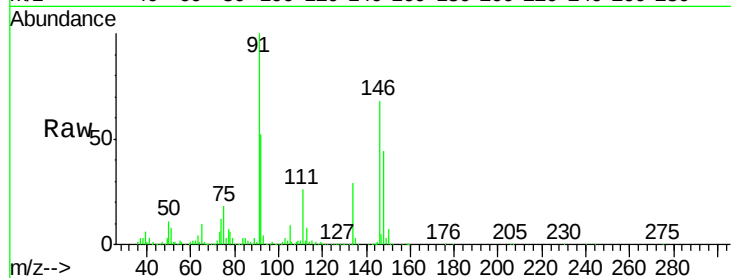




#89
n-Butylbenzene
Concen: 18.741 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006937.D
Acq: 07 Jan 2019 15:55

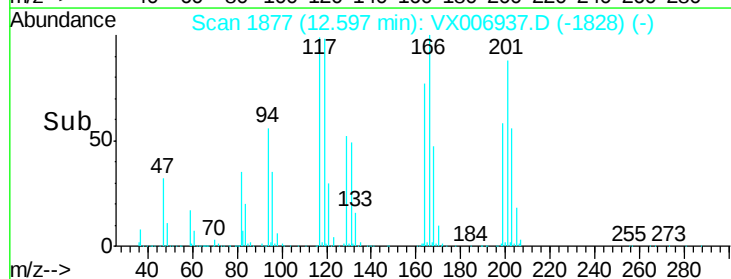
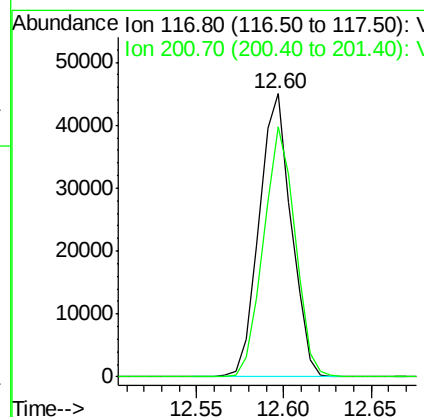
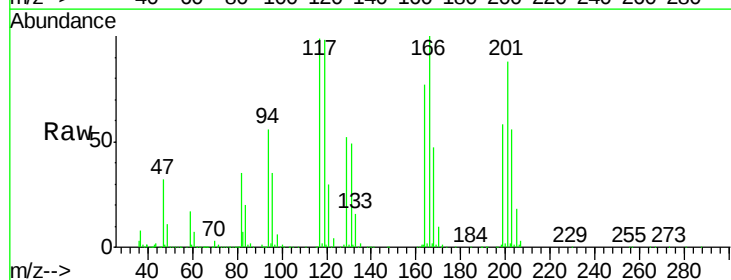
Instrument :
MSVOA_X
ClientSampleId :

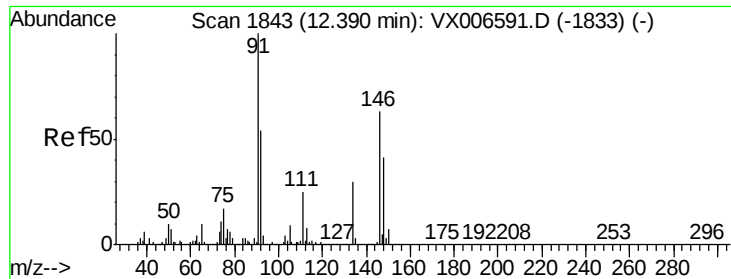
Tot Ion: 91 Resp: 33527
Ion Ratio Lower Upper
91 100
92 52.1 26.8 80.4
134 28.1 14.4 43.2



#90
Hexachloroethane
Concen: 19.552 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006937.D
Acq: 07 Jan 2019 15:55

Tgt Ion: 117 Resp: 57304
Ion Ratio Lower Upper
117 100
201 86.9 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 19.819 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

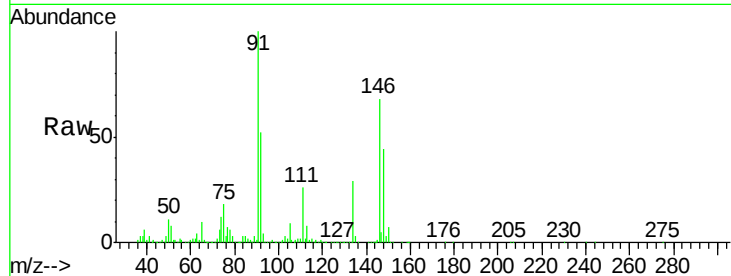
Tot Ion:146 Resp: 228729

Ion Ratio Lower Upper

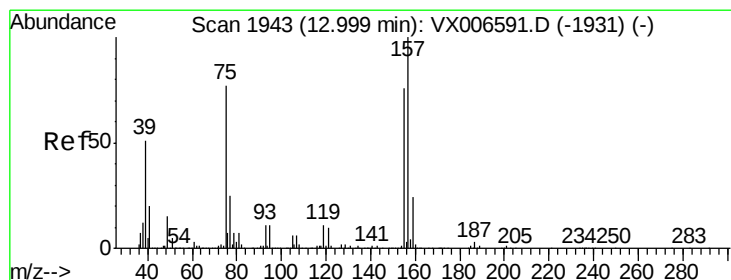
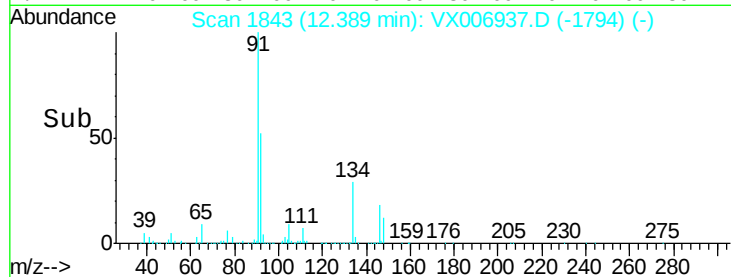
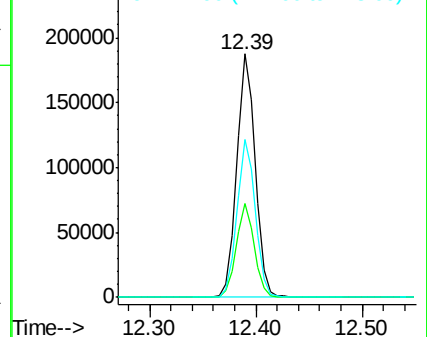
146 100

111 37.8 19.4 58.2

148 64.4 32.3 96.9



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.316 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

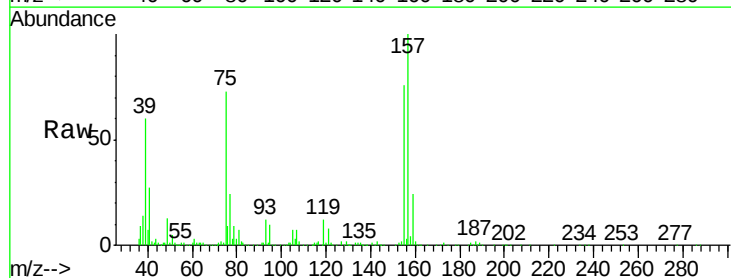
Tgt Ion: 75 Resp: 28144

Ion Ratio Lower Upper

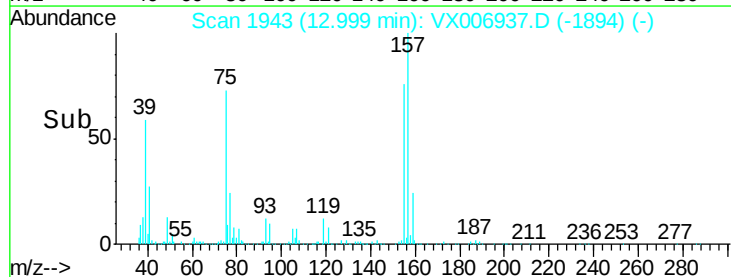
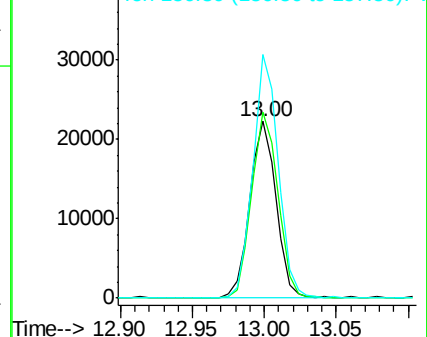
75 100

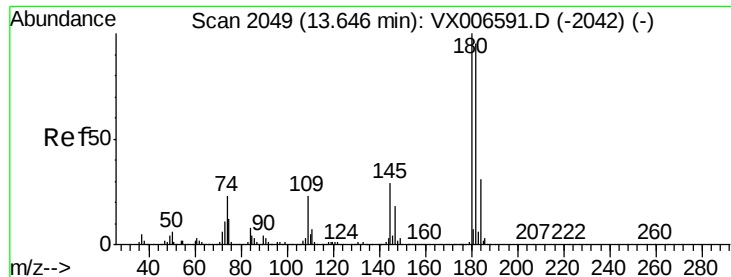
155 104.5 50.6 151.8

157 132.9 64.6 193.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 18.765 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

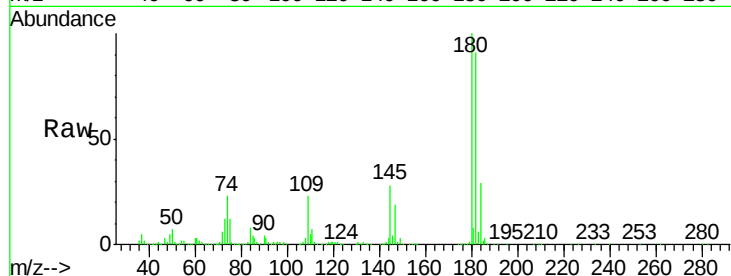
Tot Ion:180 Resp: 149390

Ion Ratio Lower Upper

180 100

182 93.2 47.3 142.0

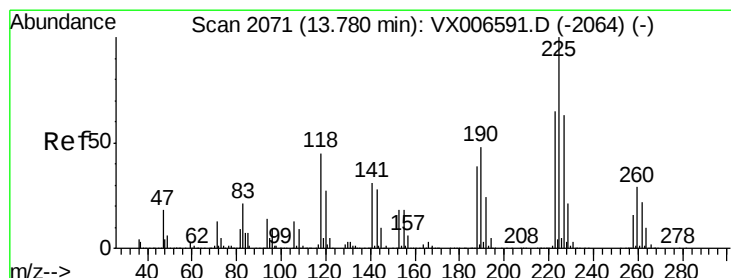
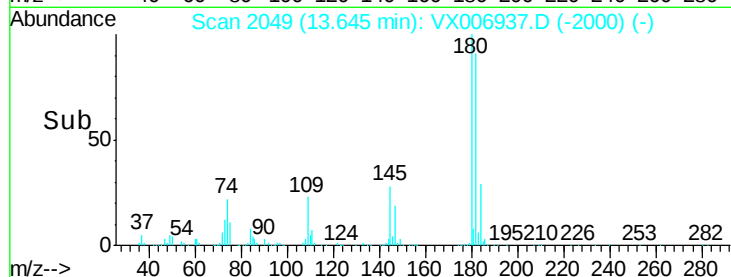
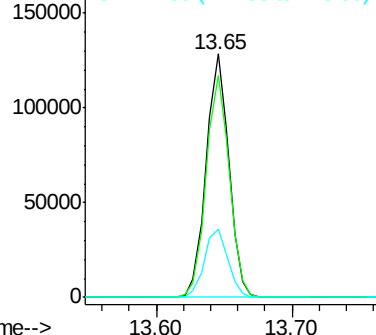
145 29.3 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 17.568 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

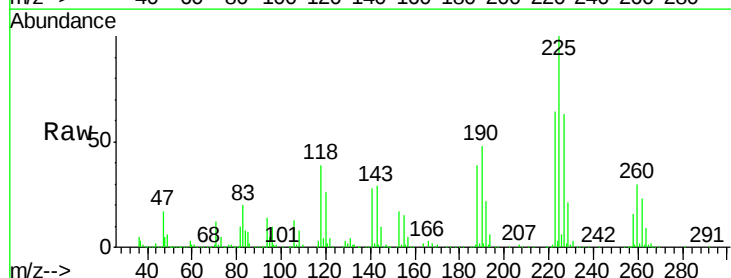
Tgt Ion:225 Resp: 65921

Ion Ratio Lower Upper

225 100

223 64.0 32.1 96.3

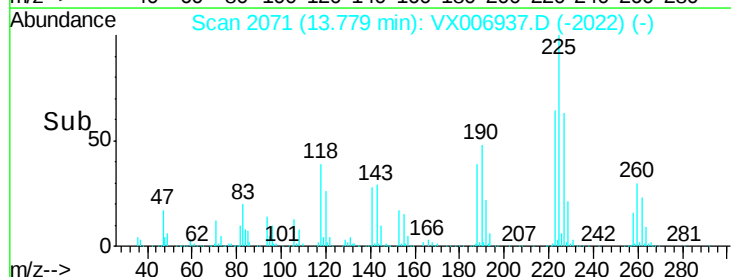
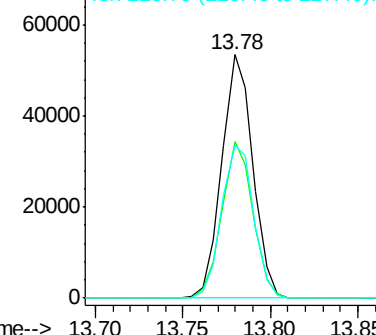
227 65.2 32.3 96.8



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.586 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_X

ClientSampled :

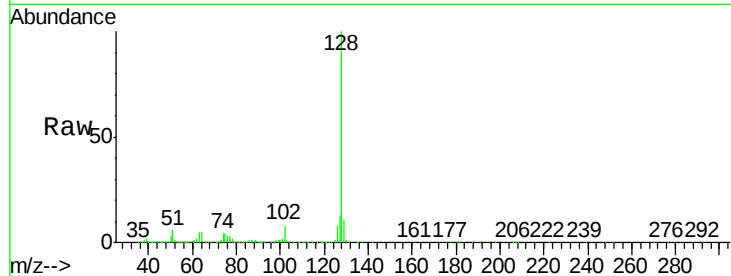
Tot Ion:128 Resp: 472246

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

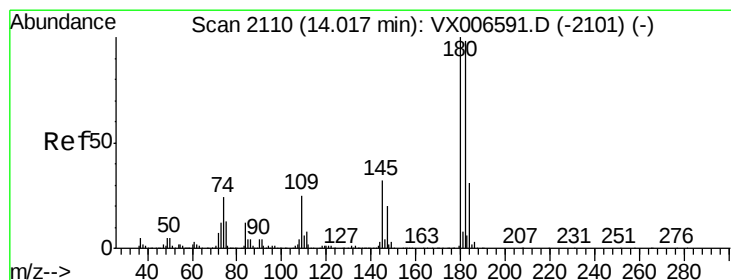
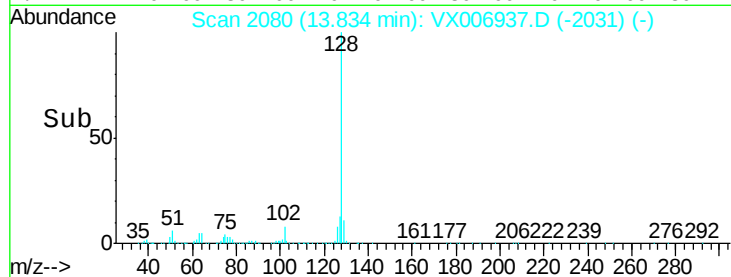
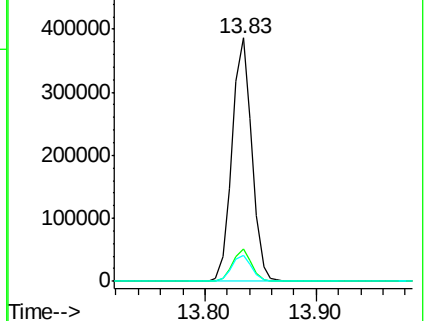
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.343 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX006937.D

Acq: 07 Jan 2019 15:55

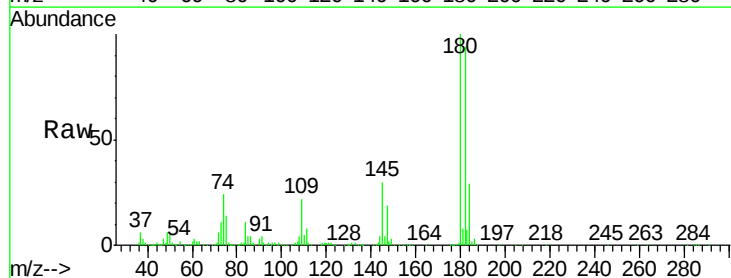
Tgt Ion:180 Resp: 150768

Ion Ratio Lower Upper

180 100

182 94.2 48.5 145.5

145 30.5 16.0 47.9



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

