

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010419\
 Data File : VX006912.D
 Acq On : 04 Jan 2019 14:45
 Operator : JC/MD
 Sample : VX0104WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0104WBS01

Quant Time: Jan 04 22:17:43 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	548229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	805988	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	724355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	369074	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	287330	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
35) Dibromofluoromethane	5.50	113	262490	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
50) Toluene-d8	8.71	98	954469	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	11.13	95	340131	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	76386	15.231	ug/l	95
3) Chloromethane	1.33	50	90030	16.662	ug/l	97
4) Vinyl Chloride	1.41	62	91452	16.206	ug/l	99
5) Bromomethane	1.64	94	97232	17.206	ug/l	96
6) Chloroethane	1.71	64	63303	16.201	ug/l	99
7) Trichlorofluoromethane	1.93	101	158695	18.037	ug/l	98
8) Diethyl Ether	2.19	74	63341	18.126	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	97021	18.781	ug/l	99
10) Methyl Iodide	2.51	142	103340	13.975	ug/l	100
11) Tert butyl alcohol	3.07	59	131953	100.068	ug/l	98
12) 1,1-Dichloroethene	2.37	96	84779	17.308	ug/l	96
13) Acrolein	2.29	56	72128	81.083	ug/l	98
14) Allyl chloride	2.73	41	149731	18.160	ug/l	98
15) Acrylonitrile	3.15	53	288250	98.454	ug/l	100
16) Acetone	2.45	43	252892	93.160	ug/l	100
17) Carbon Disulfide	2.57	76	167859	12.949	ug/l	97
18) Methyl Acetate	2.78	43	174844	21.904	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	324086	19.935	ug/l	97
20) Methylene Chloride	2.86	84	99609	17.745	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	92335	17.013	ug/l	97
22) Diisopropyl ether	3.87	45	300139	19.898	ug/l	99
23) Vinyl Acetate	3.82	43	1183748	95.944	ug/l	98
24) 1,1-Dichloroethane	3.70	63	162631	18.062	ug/l	99
25) 2-Butanone	4.70	43	364558	95.474	ug/l	98
26) 2,2-Dichloropropane	4.58	77	119406	17.167	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	110981	18.534	ug/l	99
28) Bromochloromethane	5.02	49	77404	19.253	ug/l	98
29) Tetrahydrofuran	5.15	42	242070	96.253	ug/l	97
30) Chloroform	5.21	83	176478	18.927	ug/l	93
31) Cyclohexane	5.57	56	134702	16.467	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	145239	18.447	ug/l	99
36) 1,1-Dichloropropene	5.79	75	122482	18.348	ug/l	99
37) Ethyl Acetate	4.85	43	138966	20.001	ug/l	99
38) Carbon Tetrachloride	5.78	117	122317	18.854	ug/l	94

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	147016	16.728	ug/l	99
40) Benzene	6.14	78	380911	18.772	ug/l	97
41) Methacrylonitrile	5.06	41	79000	21.416	ug/l	97
42) 1,2-Dichloroethane	6.20	62	133100	19.250	ug/l	99
43) Isopropyl Acetate	6.46	43	218624	20.680	ug/l	98
44) Trichloroethene	7.21	130	112119	18.256	ug/l	97
45) 1,2-Dichloropropane	7.51	63	98222	19.892	ug/l	100
46) Dibromomethane	7.66	93	68432	18.841	ug/l	98
47) Bromodichloromethane	7.90	83	117161	19.430	ug/l	98
48) Methyl methacrylate	7.77	41	110938	20.636	ug/l	99
49) 1,4-Dioxane	7.75	88	53217	365.732	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	708698	105.361	ug/l	99
52) Toluene	8.78	92	251608	19.194	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	125783	19.450	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	139071	19.598	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	109725	20.449	ug/l	99
56) Ethyl methacrylate	9.18	69	152500	20.109	ug/l	96
57) 1,3-Dichloropropane	9.37	76	171029	19.811	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	389997	96.743	ug/l	100
59) 2-Hexanone	9.49	43	524421	101.899	ug/l	98
60) Dibromochloromethane	9.58	129	99241	19.186	ug/l	97
61) 1,2-Dibromoethane	9.67	107	112759	19.769	ug/l	99
64) Tetrachloroethene	9.34	164	112023	19.531	ug/l	98
65) Chlorobenzene	10.14	112	296554	19.352	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	102270	21.390	ug/l	99
67) Ethyl Benzene	10.25	91	485330	19.381	ug/l	98
68) m/p-Xylenes	10.36	106	373477	37.797	ug/l	97
69) o-Xylene	10.70	106	189476	19.419	ug/l	100
70) Styrene	10.71	104	301185	19.511	ug/l	99
71) Bromoform	10.86	173	69905	19.223	ug/l #	99
73) Isopropylbenzene	11.02	105	503998	19.961	ug/l	100
74) N-amyl acetate	10.90	43	193025	21.358	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	156122	20.791	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	164214	23.942	ug/l	92
77) Bromobenzene	11.26	156	136026	19.927	ug/l	99
78) n-propylbenzene	11.36	91	555068	19.963	ug/l	99
79) 2-Chlorotoluene	11.42	91	329885	19.578	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	412508	19.835	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	33356	17.779	ug/l	86
82) 4-Chlorotoluene	11.51	91	372206	19.258	ug/l	99
83) tert-Butylbenzene	11.77	119	419342	20.147	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	422298	19.305	ug/l	99
85) sec-Butylbenzene	11.94	105	501141	19.638	ug/l	100
86) p-Isopropyltoluene	12.06	119	449753	20.049	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	241006	19.590	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	242301	19.212	ug/l	98
89) n-Butylbenzene	12.39	91	377015	19.748	ug/l	98
90) Hexachloroethane	12.60	117	61655	19.698	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	240360	19.531	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29402	18.923	ug/l	98

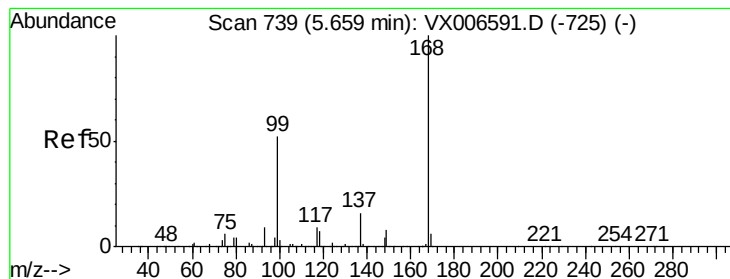
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX010419\
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Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	166975	19.669	ug/l	98
94) Hexachlorobutadiene	13.78	225	73114	18.273	ug/l	99
95) Naphthalene	13.83	128	507033	18.714	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	162715	18.564	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

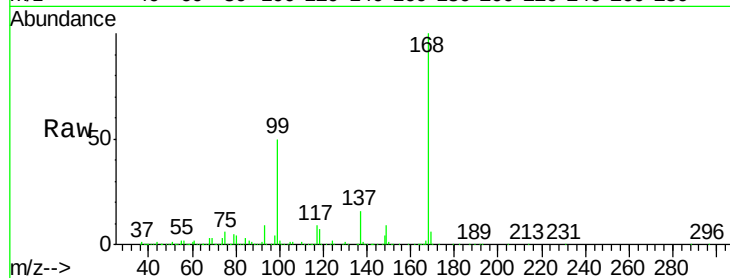
VX0104WBS01

Tot Ion:168 Resp: 548229

Ion Ratio Lower Upper

168 100

99 49.6 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

200000

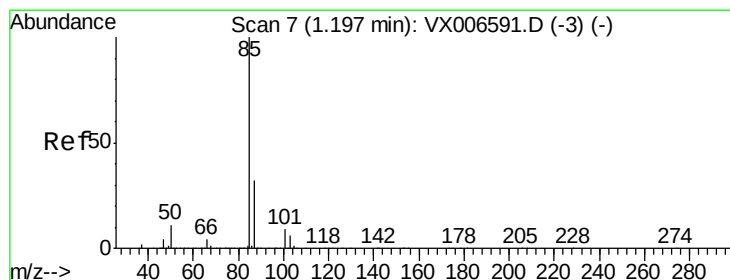
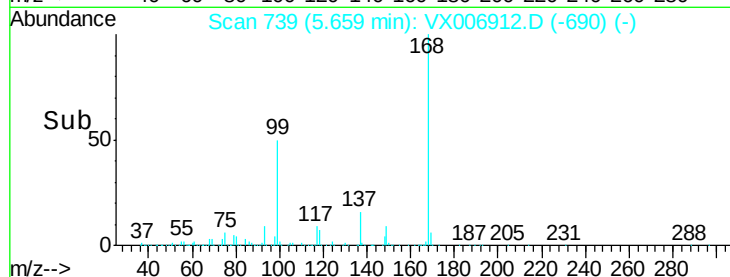
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 15.231 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006912.D

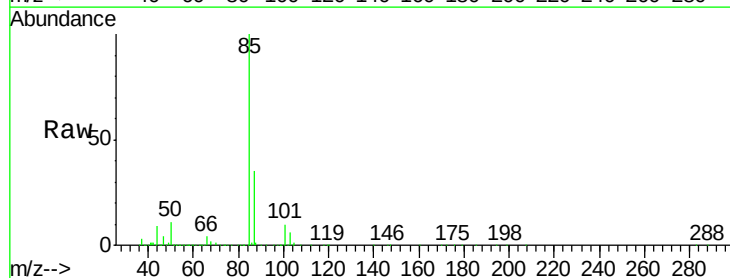
Acq: 04 Jan 2019 14:45

Tgt Ion: 85 Resp: 76386

Ion Ratio Lower Upper

85 100

87 34.6 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

80000

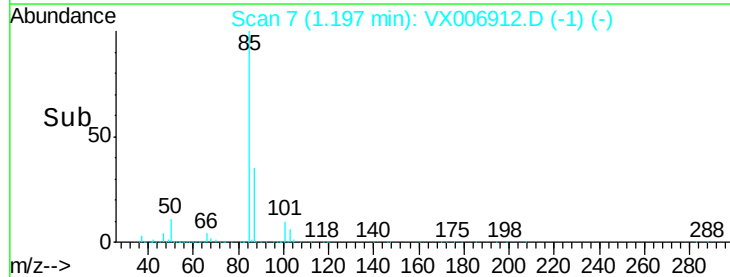
60000

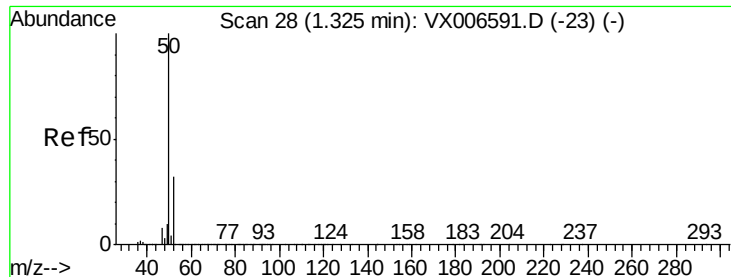
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 16.662 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

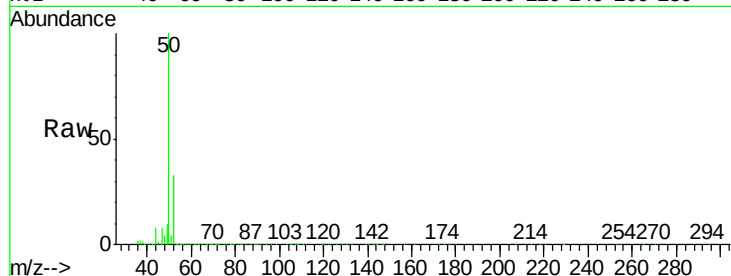
VX0104WBS01

Tot Ion: 50 Resp: 90030

Ion Ratio Lower Upper

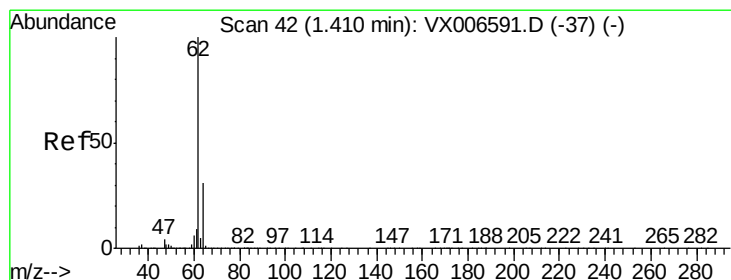
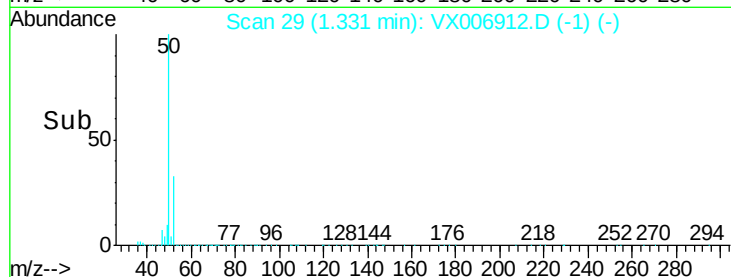
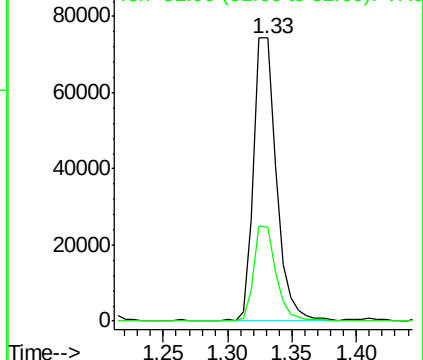
50 100

52 33.2 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: 16.206 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006912.D

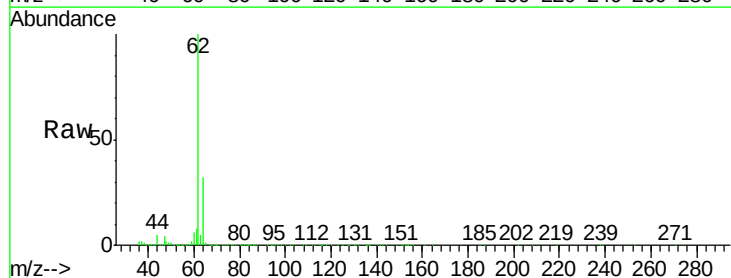
Acq: 04 Jan 2019 14:45

Tgt Ion: 62 Resp: 91452

Ion Ratio Lower Upper

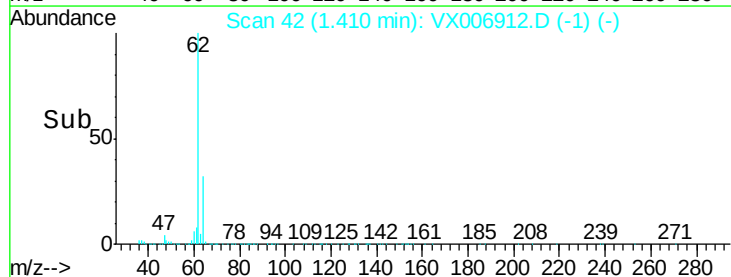
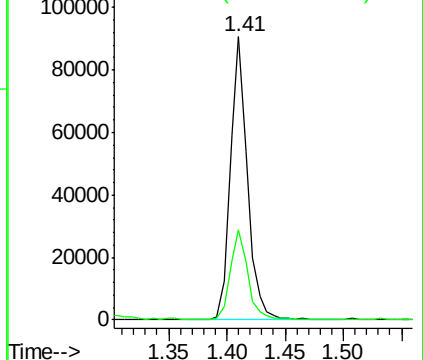
62 100

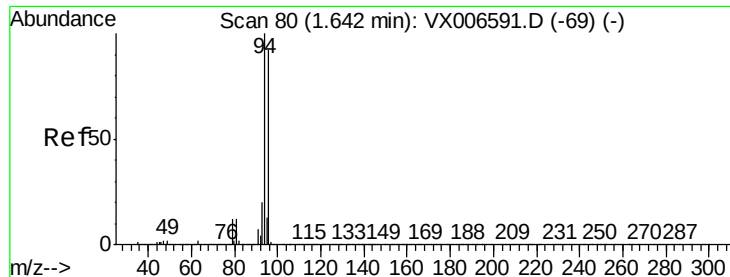
64 31.8 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.206 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

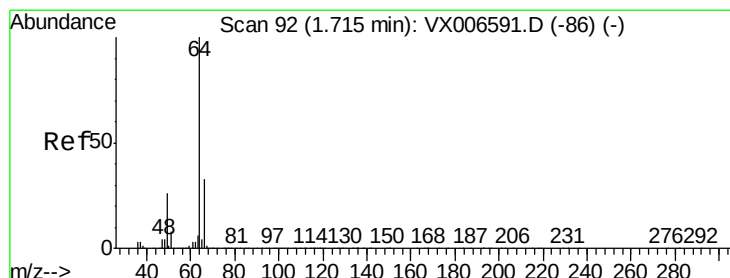
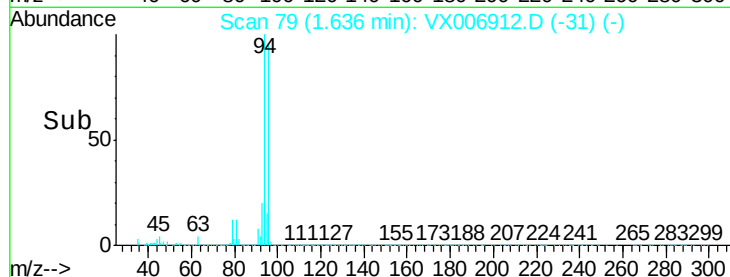
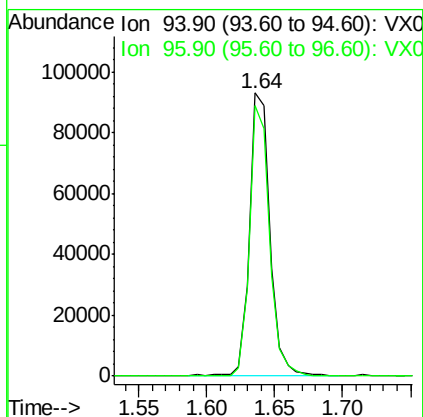
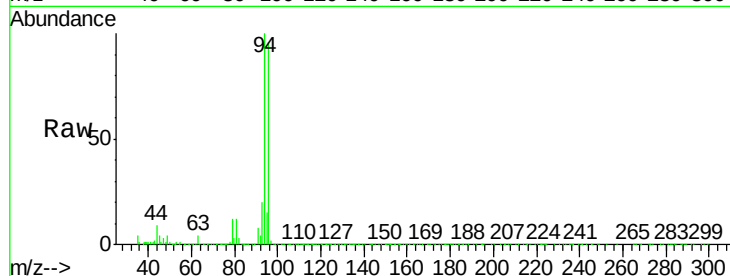
VX0104WBS01

Tot Ion: 94 Resp: 97232

Ion Ratio Lower Upper

94 100

96 95.7 73.4 110.2



#6

Chloroethane

Concen: 16.201 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX006912.D

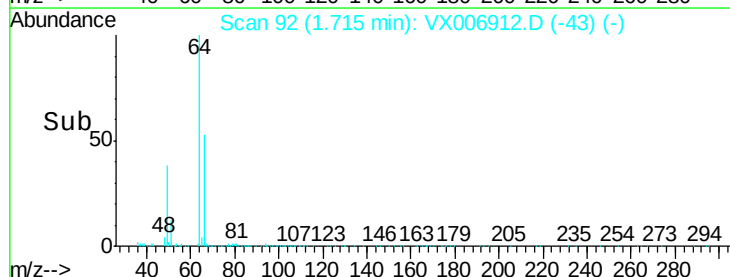
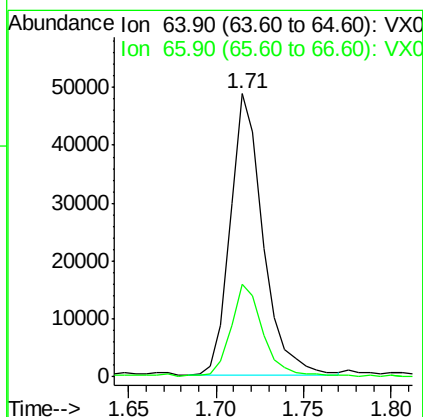
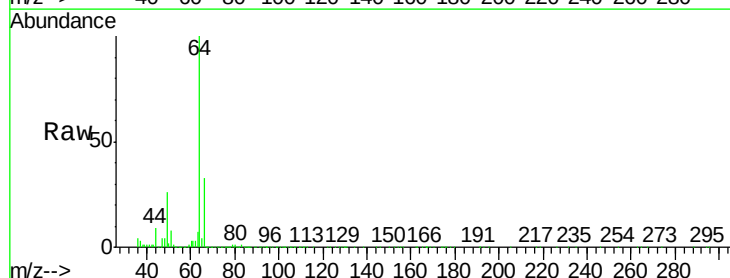
Acq: 04 Jan 2019 14:45

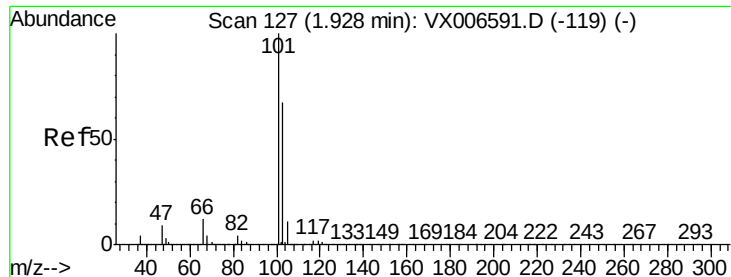
Tgt Ion: 64 Resp: 63303

Ion Ratio Lower Upper

64 100

66 32.7 26.4 39.6



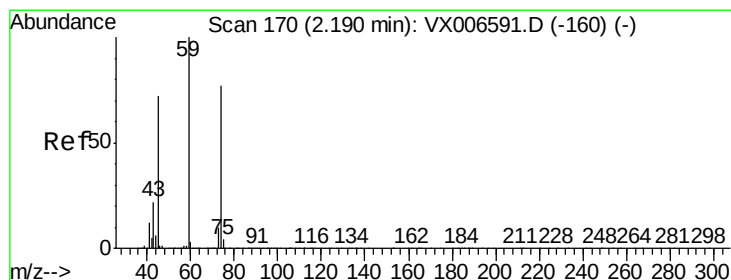
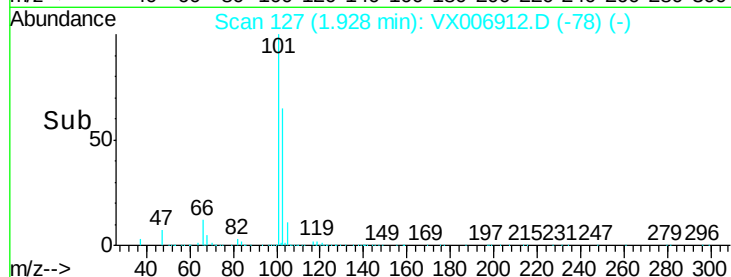
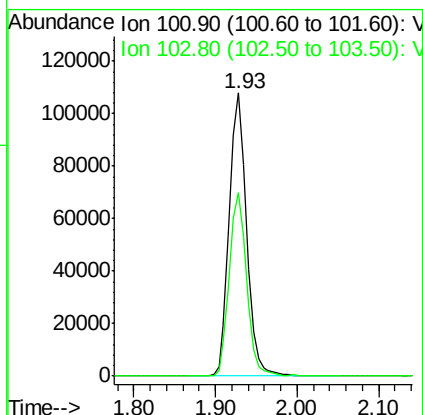
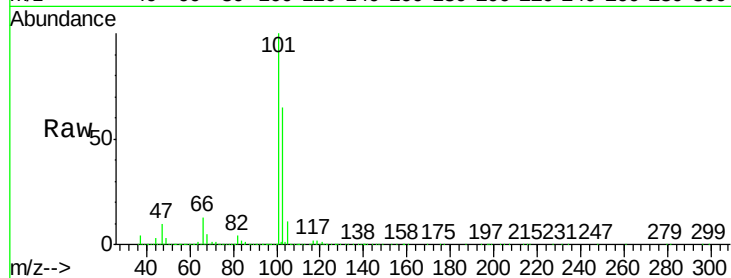


#7

Trichlorofluoromethane
Concen: 18.037 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0104WBS01

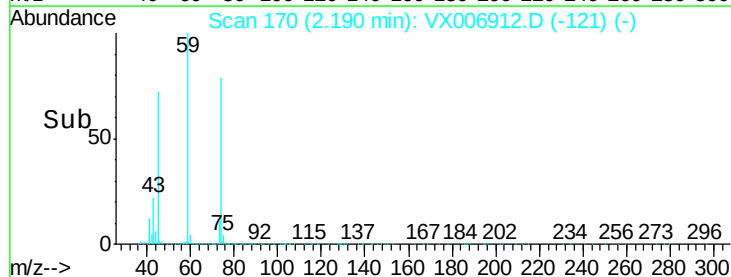
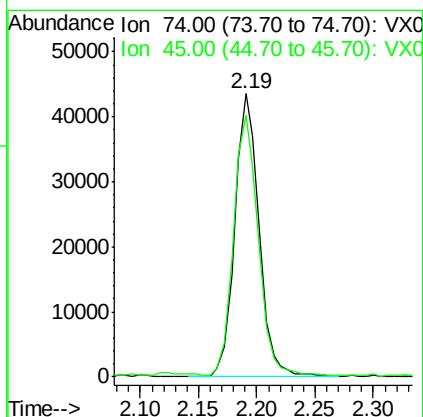
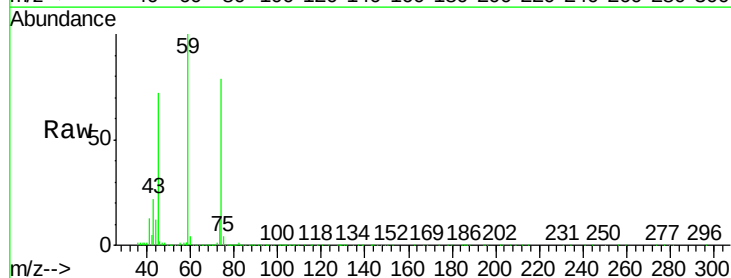
Tot Ion:101 Resp: 158695
Ion Ratio Lower Upper
101 100
103 64.9 53.2 79.8

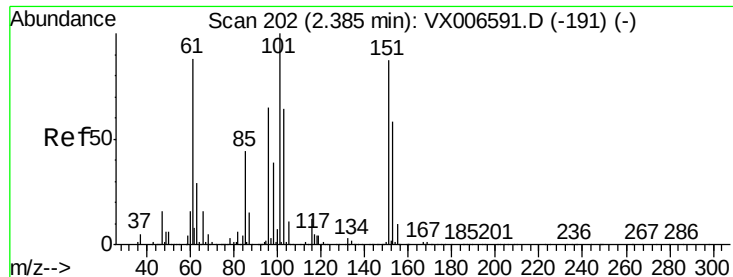


#8

Diethyl Ether
Concen: 18.126 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Tgt Ion: 74 Resp: 63341
Ion Ratio Lower Upper
74 100
45 93.6 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.781 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

VX0104WBS01

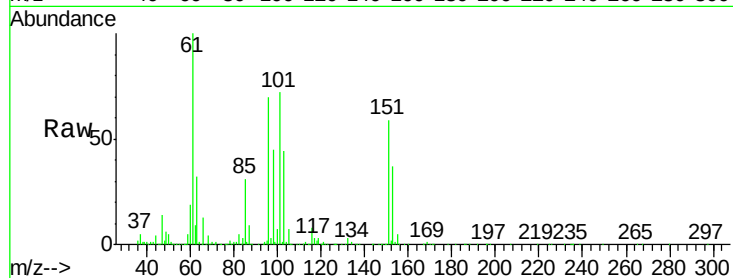
Tot Ion:101 Resp: 97021

Ion Ratio Lower Upper

101 100

85 44.1 35.1 52.7

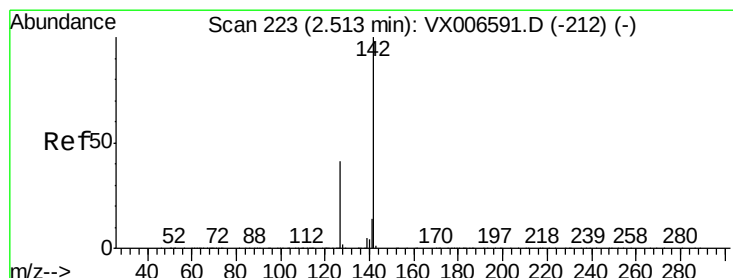
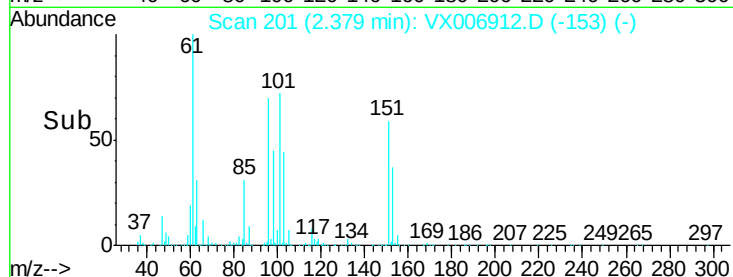
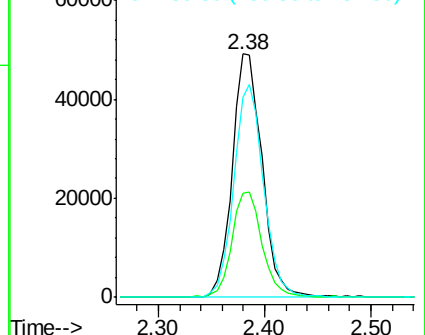
151 87.2 68.9 103.3



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: 13.975 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

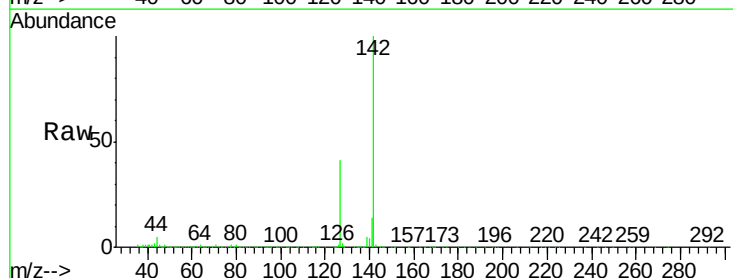
Tgt Ion:142 Resp: 103340

Ion Ratio Lower Upper

142 100

127 42.8 33.9 50.9

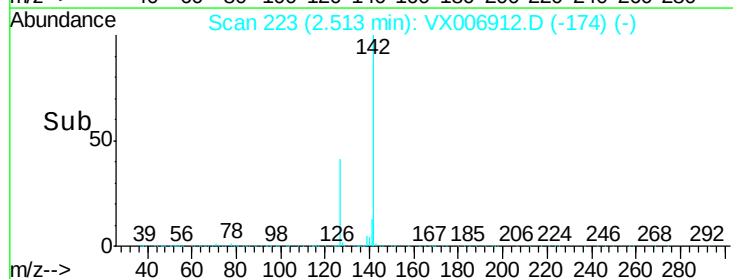
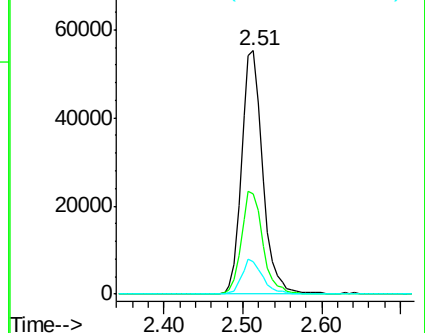
141 14.2 11.4 17.0

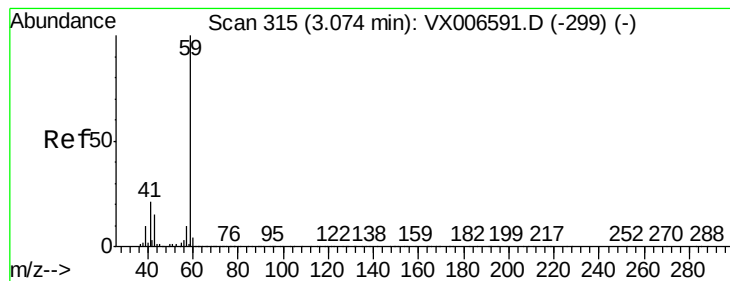


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



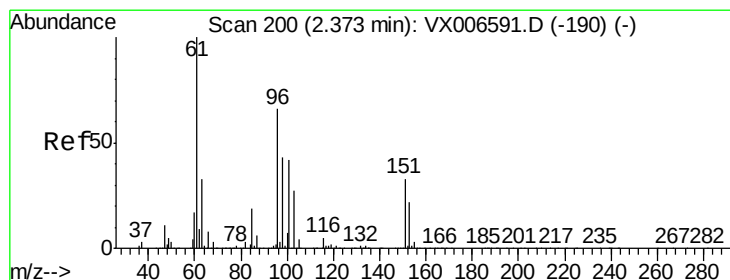
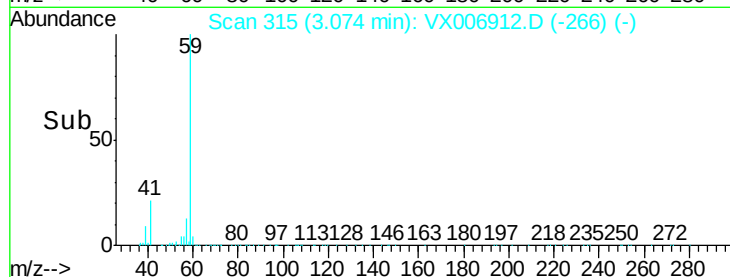
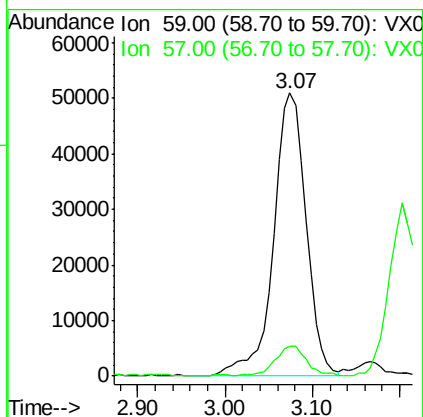
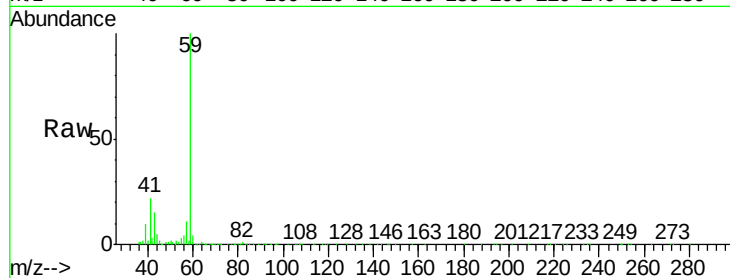


#11

Tert butyl alcohol
Concen: 100.068 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0104WBS01

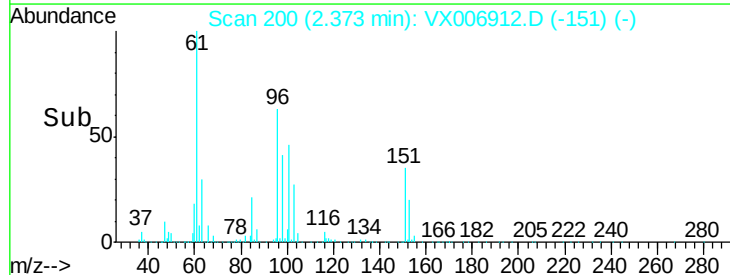
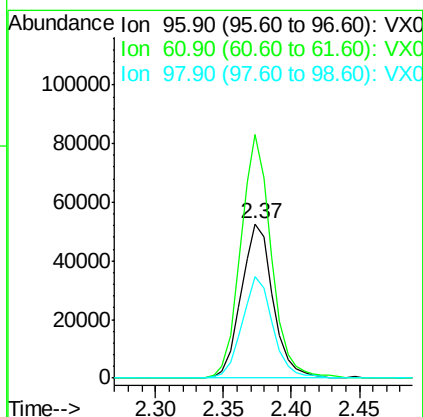
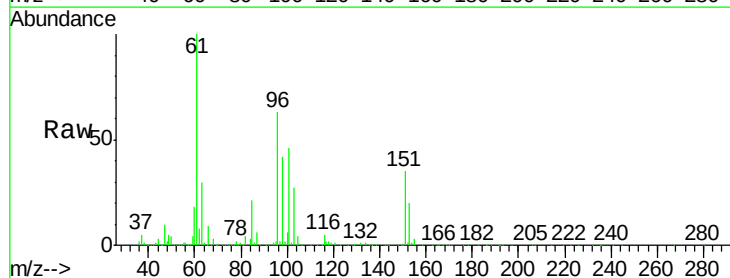
Tot Ion: 59 Resp: 131953
Ion Ratio Lower Upper
59 100
57 10.0 8.5 12.7

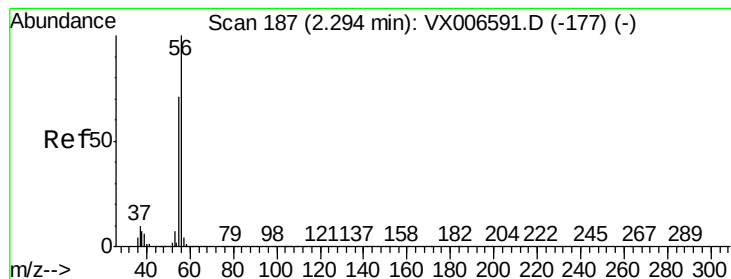


#12

1,1-Dichloroethene
Concen: 17.308 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Tgt Ion: 96 Resp: 84779
Ion Ratio Lower Upper
96 100
61 158.1 121.4 182.2
98 65.5 51.9 77.9





#13

Acrolein

Concen: 81.083 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

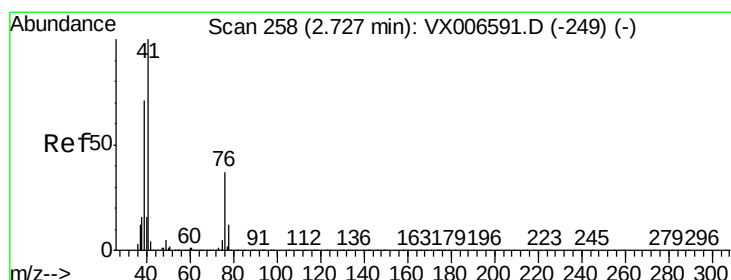
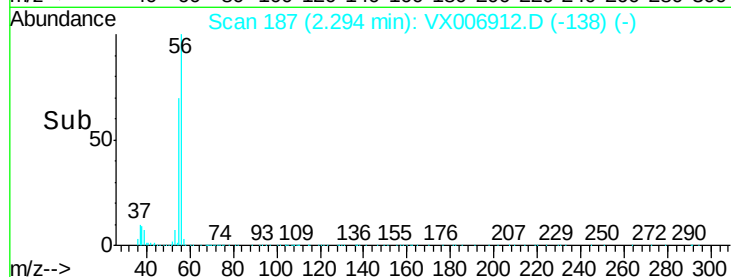
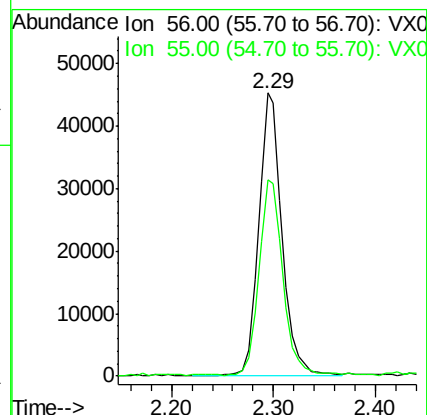
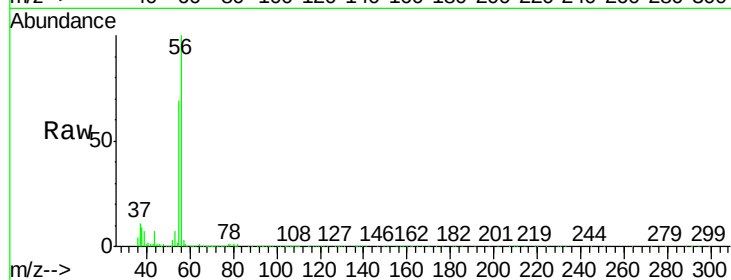
VX0104WBS01

Tot Ion: 56 Resp: 72128

Ion Ratio Lower Upper

56 100

55 71.4 58.2 87.4



#14

Allyl chloride

Concen: 18.160 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

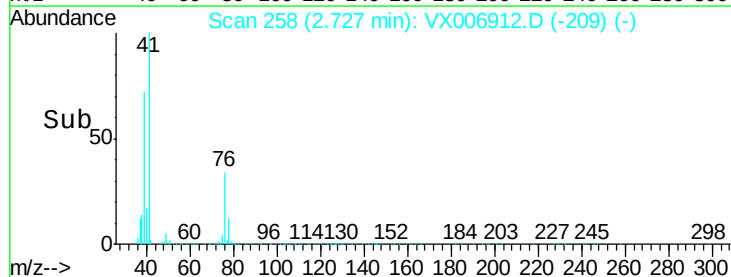
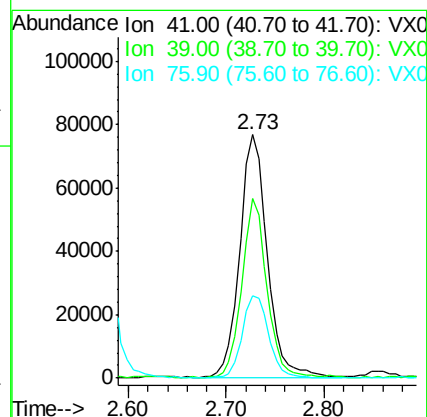
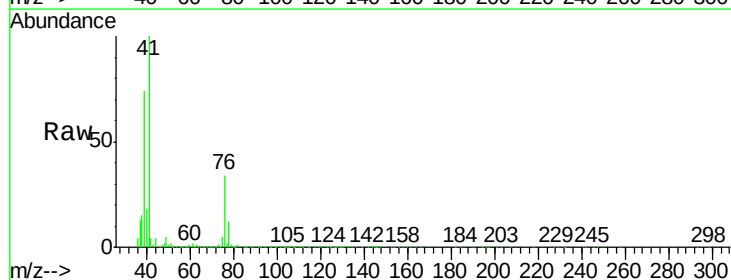
Tgt Ion: 41 Resp: 149731

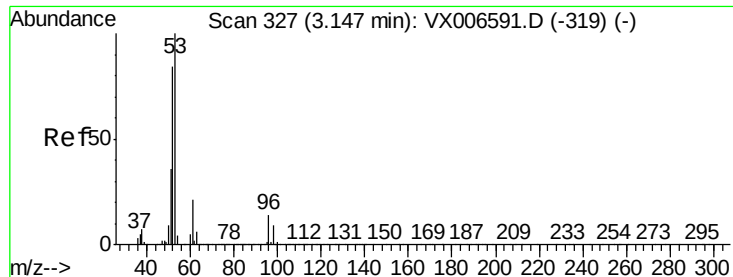
Ion Ratio Lower Upper

41 100

39 66.5 53.6 80.4

76 32.1 27.4 41.2





#15

Acrylonitrile

Concen: 98.454 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

VX0104WBS01

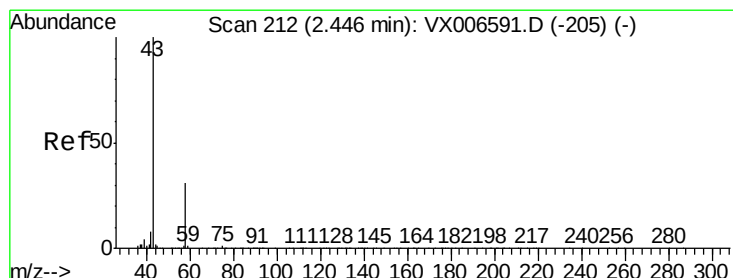
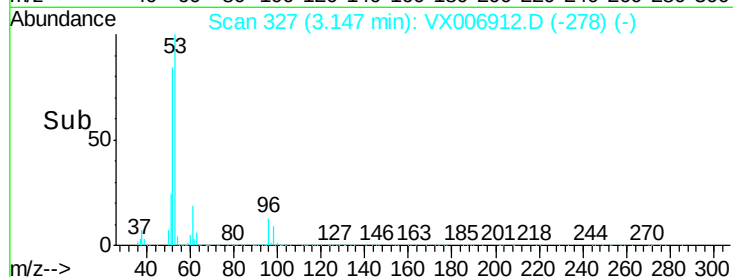
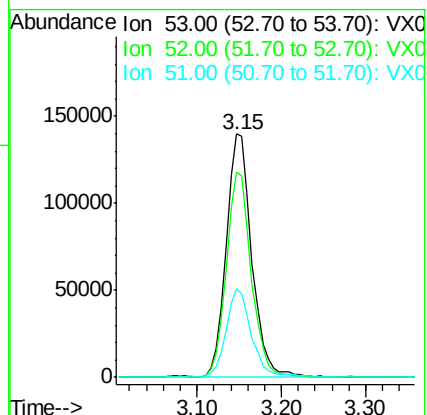
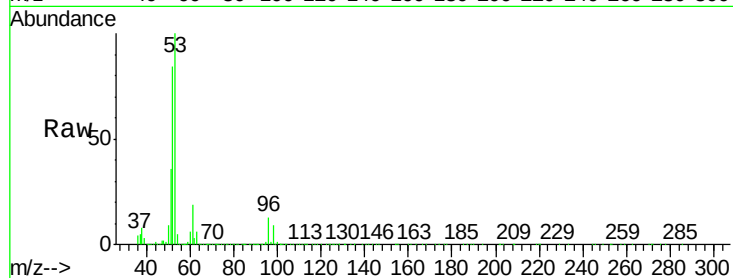
Tot Ion: 53 Resp: 288250

Ion Ratio Lower Upper

53 100

52 82.7 66.0 99.0

51 35.8 28.6 42.8



#16

Acetone

Concen: 93.160 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006912.D

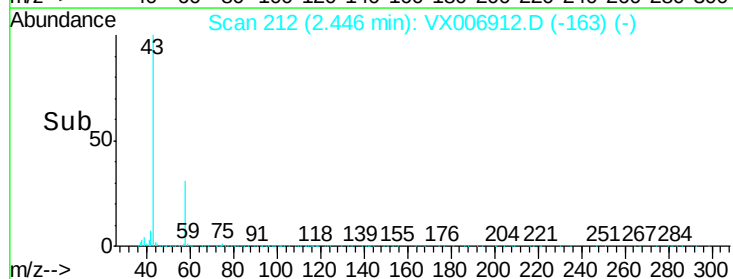
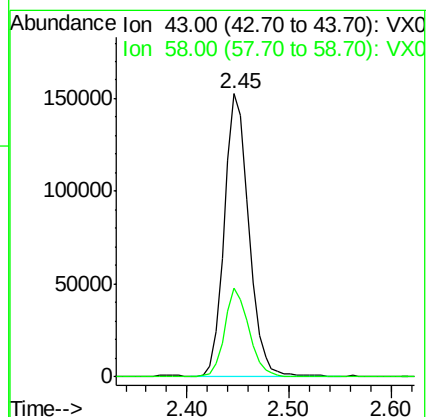
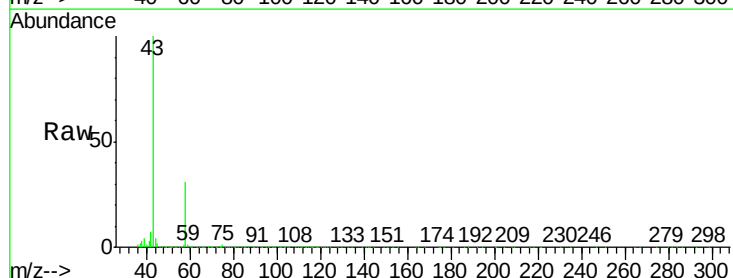
Acq: 04 Jan 2019 14:45

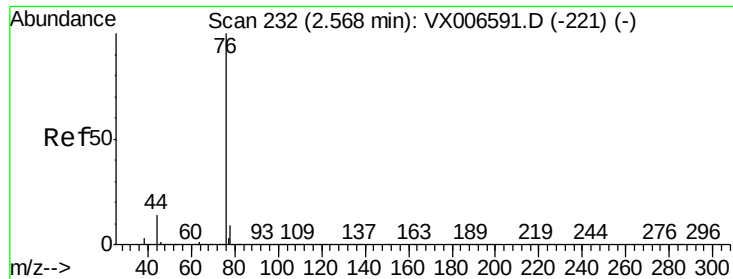
Tgt Ion: 43 Resp: 252892

Ion Ratio Lower Upper

43 100

58 31.2 25.0 37.6





#17

Carbon Disulfide

Concen: 12.949 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

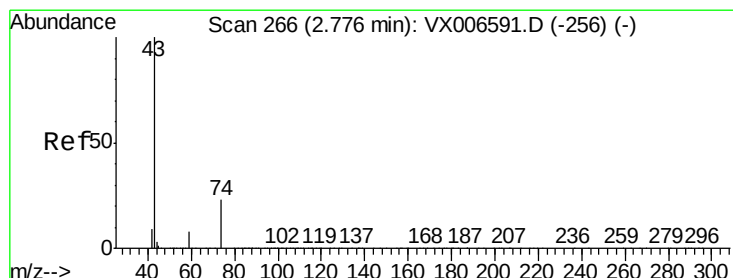
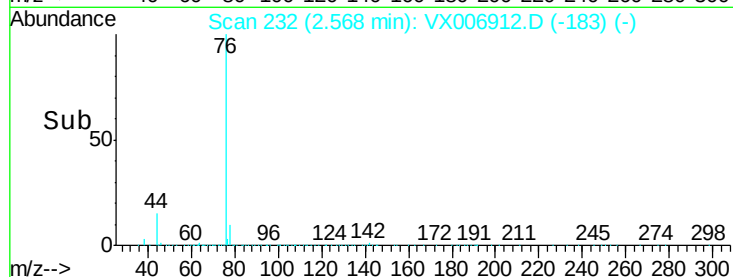
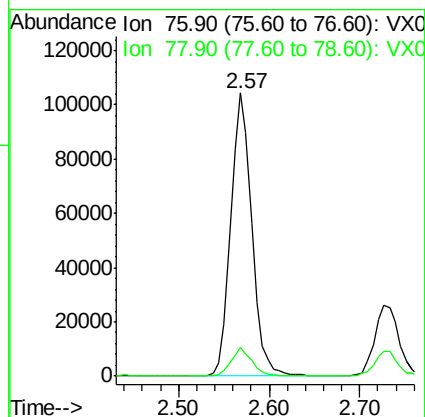
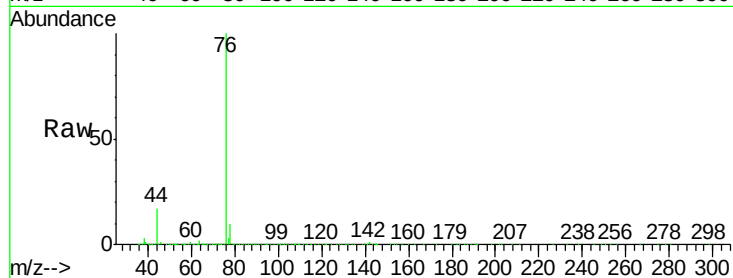
VX0104WBS01

Tot Ion: 76 Resp: 167859

Ion Ratio Lower Upper

76 100

78 9.8 7.0 10.6



#18

Methyl Acetate

Concen: 21.904 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006912.D

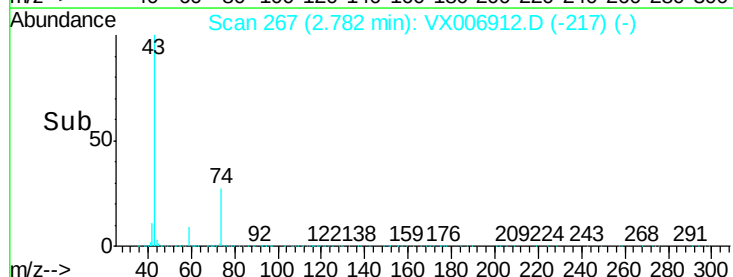
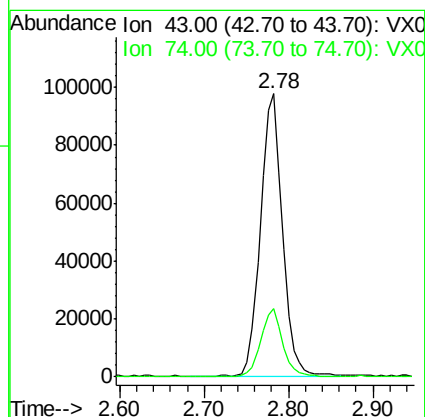
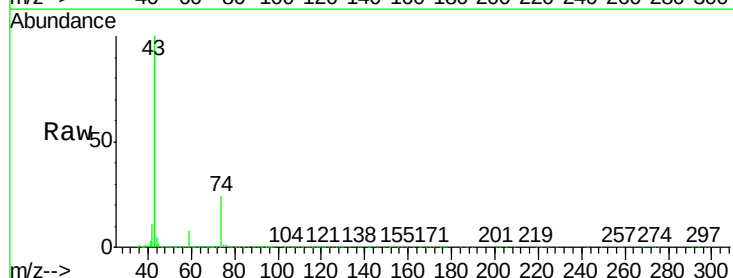
Acq: 04 Jan 2019 14:45

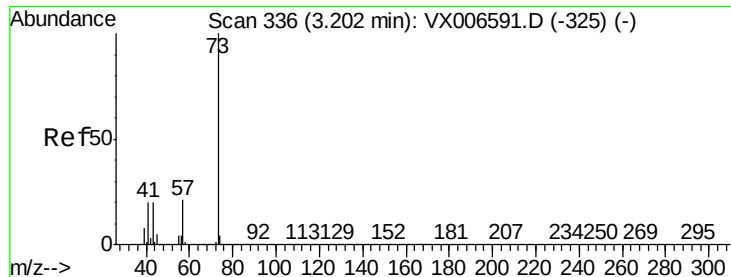
Tgt Ion: 43 Resp: 174844

Ion Ratio Lower Upper

43 100

74 23.3 18.6 28.0

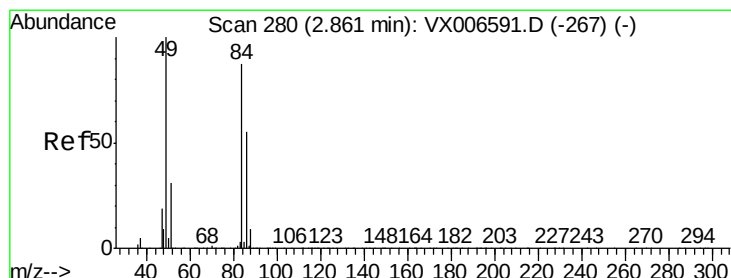
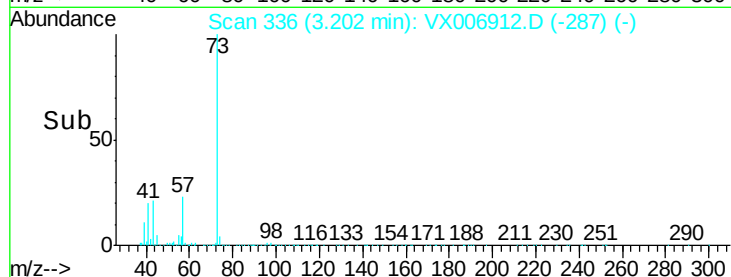
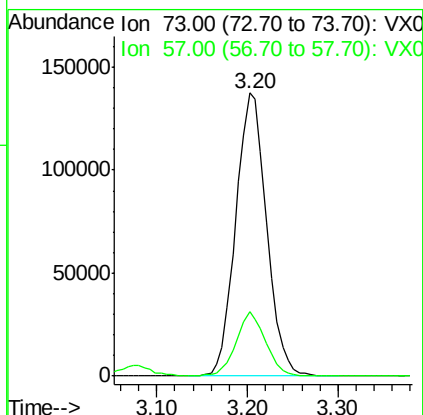
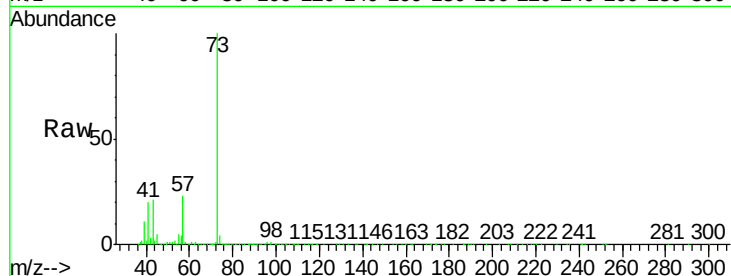




#19
Methyl tert-butyl Ether
Concen: 19.935 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

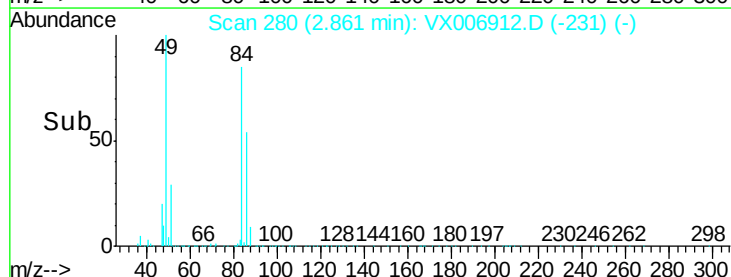
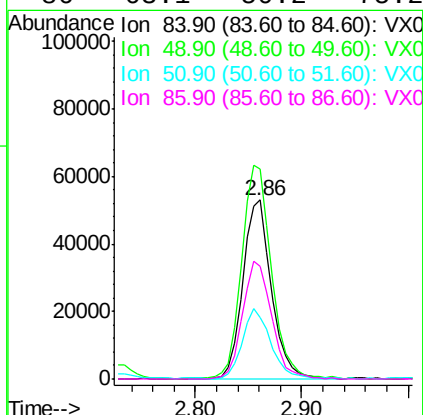
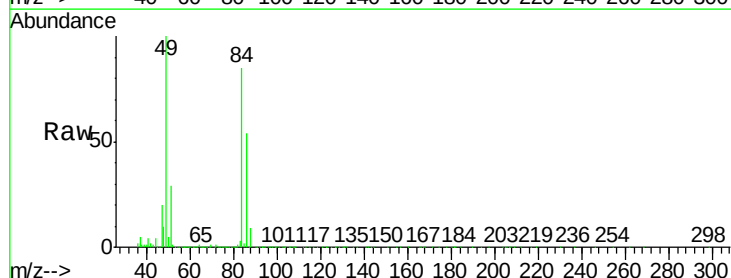
Instrument :
MSVOA_X
ClientSampleId :
VX0104WBS01

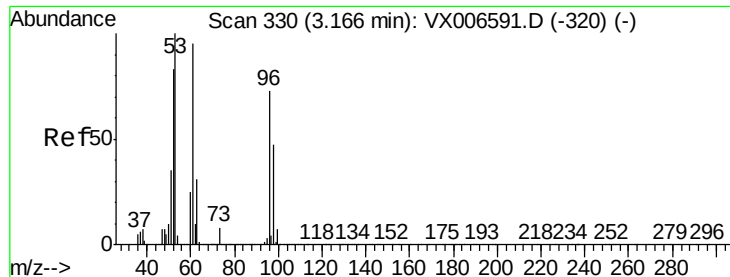
Tot Ion: 73 Resp: 324086
Ion Ratio Lower Upper
73 100
57 22.6 16.8 25.2



#20
Methylene Chloride
Concen: 17.745 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Tgt Ion: 84 Resp: 99609
Ion Ratio Lower Upper
84 100
49 117.1 91.8 137.6
51 33.8 28.5 42.7
86 63.1 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 17.013 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

VX0104WBS01

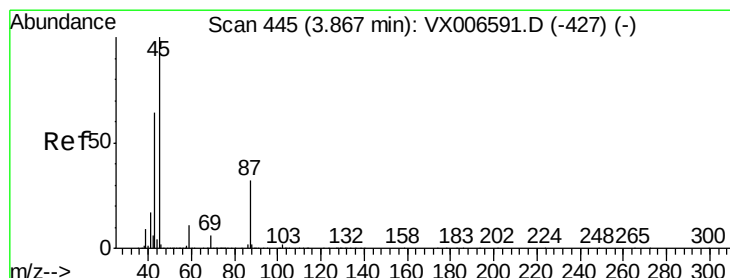
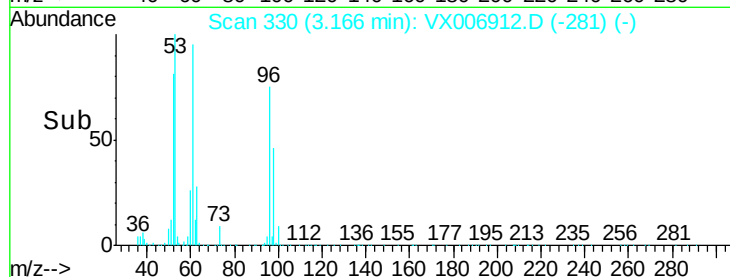
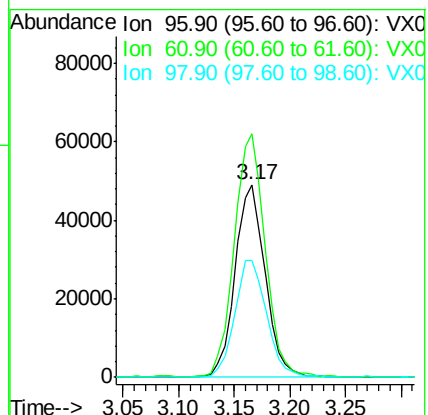
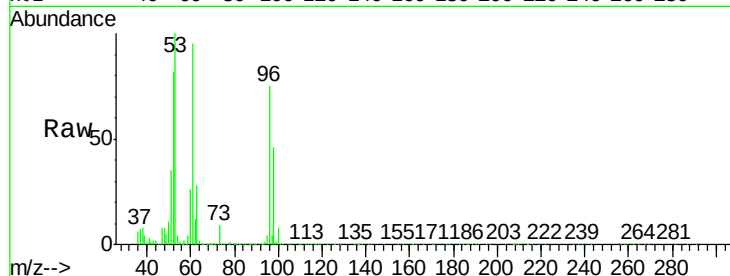
Tot Ion: 96 Resp: 92335

Ion Ratio Lower Upper

96 100

61 126.1 103.7 155.5

98 60.9 51.0 76.6



#22

Diisopropyl ether

Concen: 19.898 ug/l

RT: 3.87 min Scan# 445

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Tgt Ion: 45 Resp: 300139

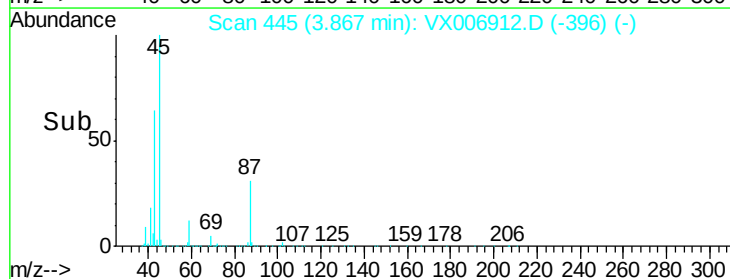
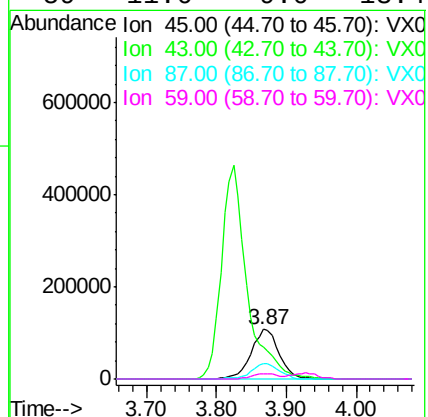
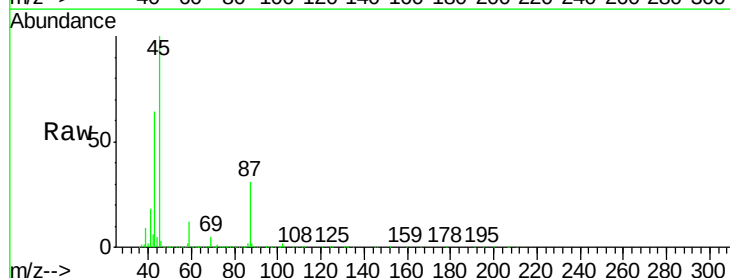
Ion Ratio Lower Upper

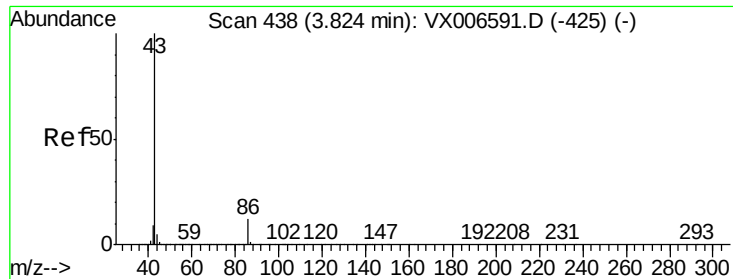
45 100

43 64.0 51.2 76.8

87 31.3 25.8 38.6

59 11.6 9.0 13.4





#23

Vinyl Acetate

Concen: 95.944 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampled :

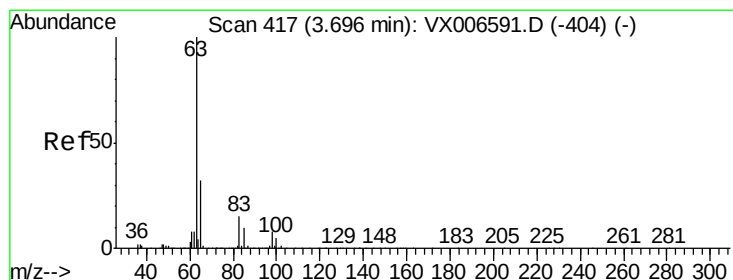
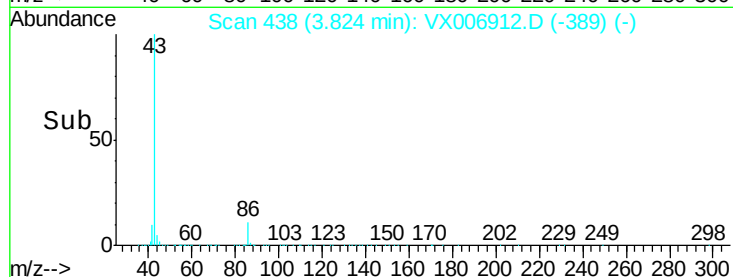
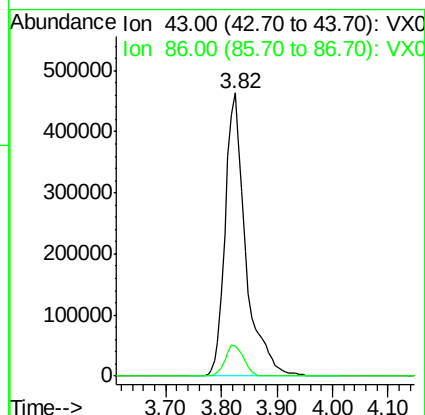
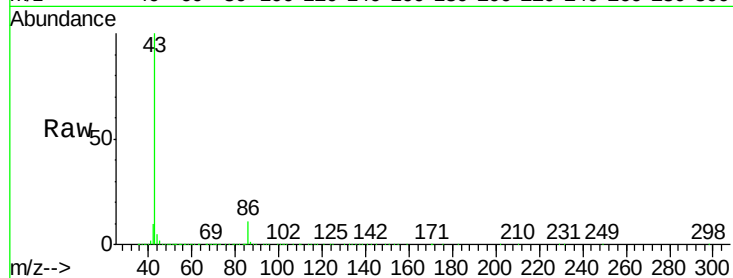
VX0104WBS01

Tot Ion: 43 Resp: 1183748

Ion Ratio Lower Upper

43 100

86 10.7 9.2 13.8



#24

1,1-Dichloroethane

Concen: 18.062 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

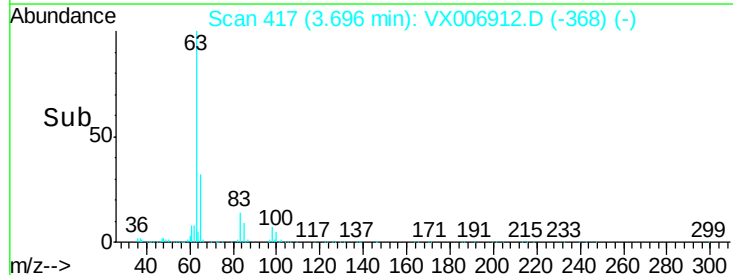
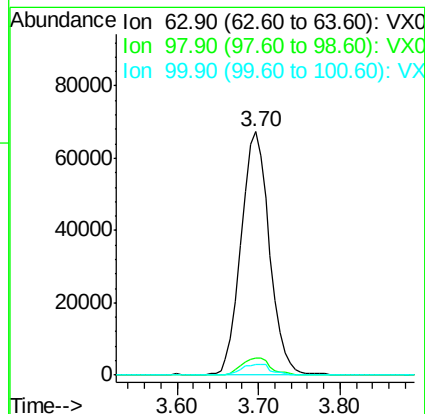
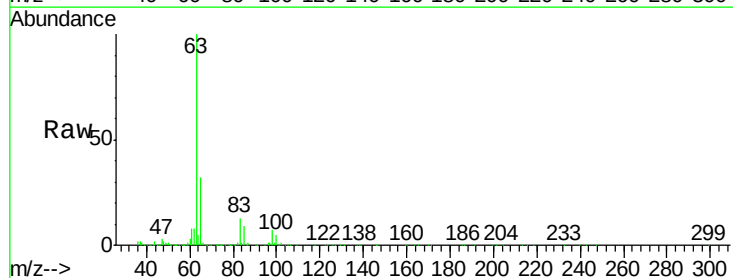
Tgt Ion: 63 Resp: 162631

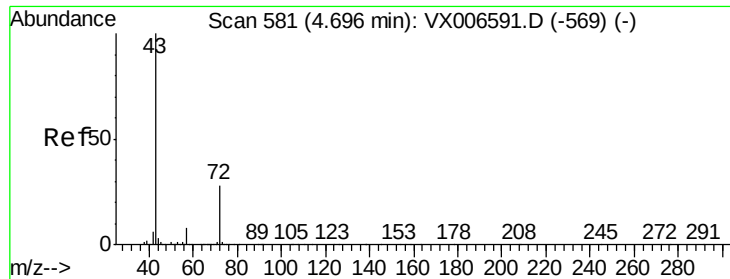
Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.5

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 95.474 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

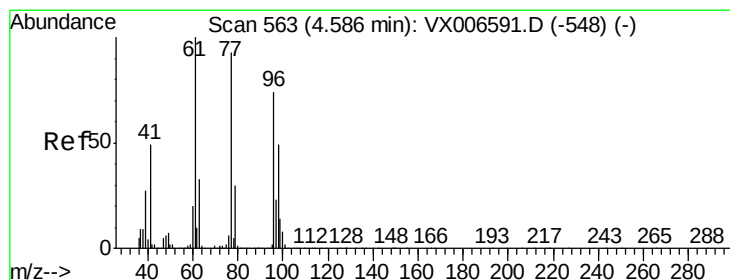
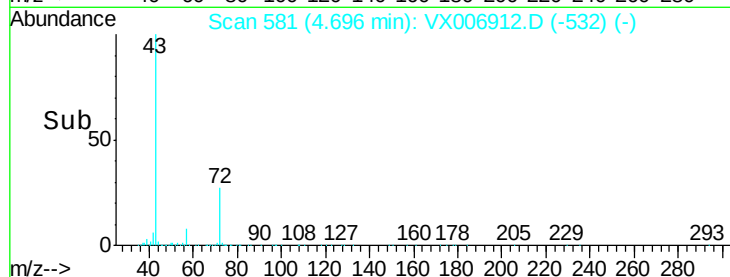
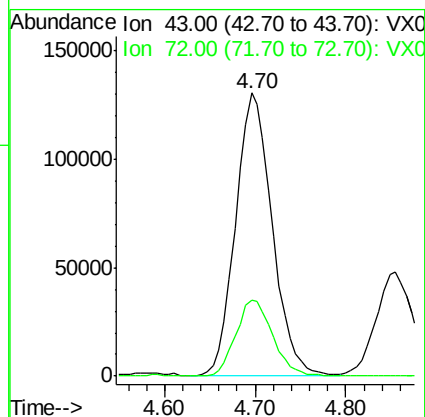
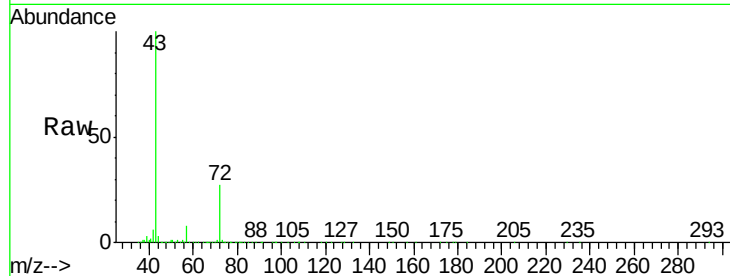
VX0104WBS01

Tot Ion: 43 Resp: 364558

Ion Ratio Lower Upper

43 100

72 26.7 22.4 33.6



#26

2,2-Dichloropropane

Concen: 17.167 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006912.D

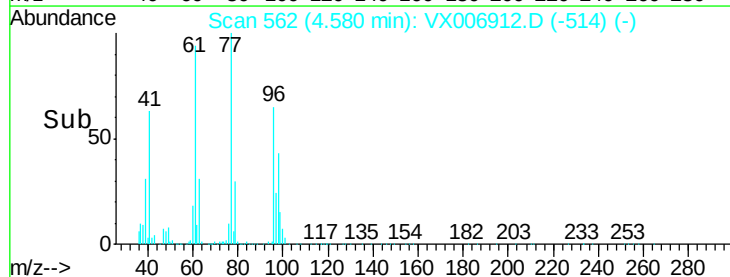
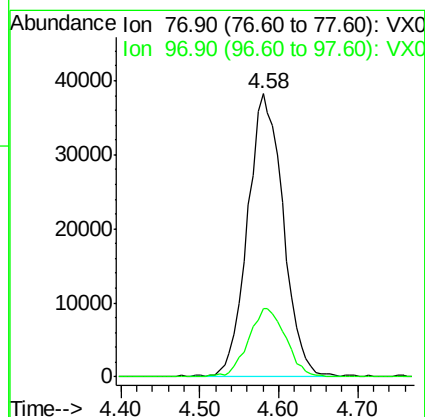
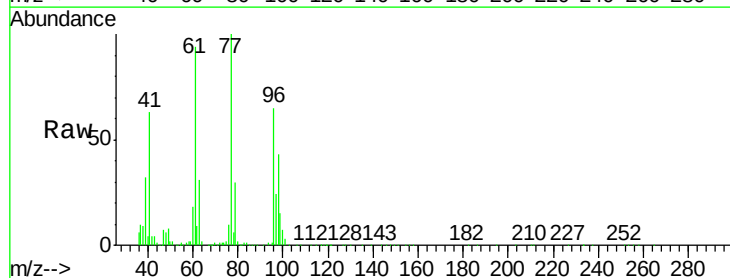
Acq: 04 Jan 2019 14:45

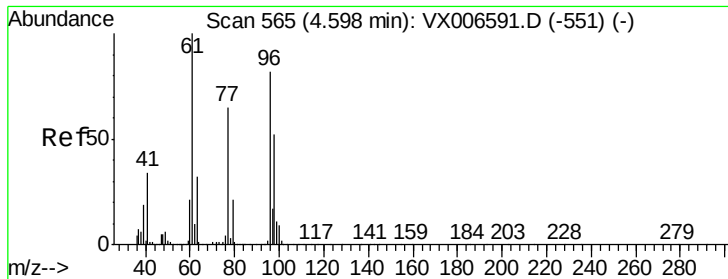
Tgt Ion: 77 Resp: 119406

Ion Ratio Lower Upper

77 100

97 25.6 12.4 37.4



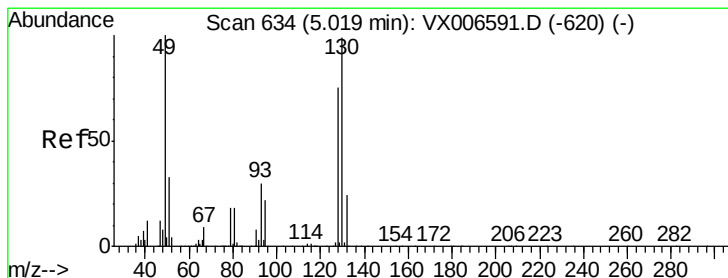
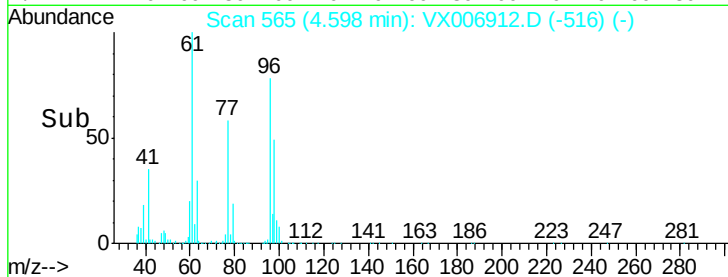
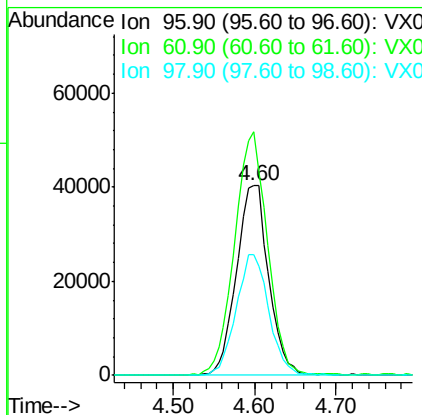
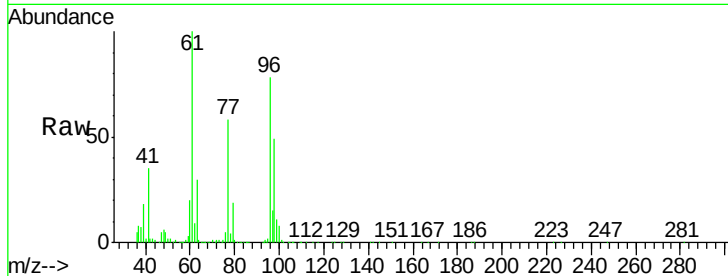


#27

cis-1,2-Dichloroethene
 Concen: 18.534 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX006912.D
 Acq: 04 Jan 2019 14:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0104WBS01

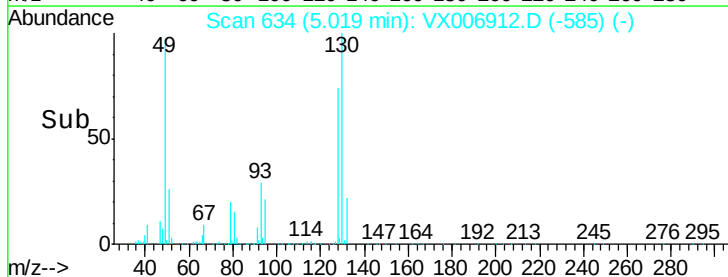
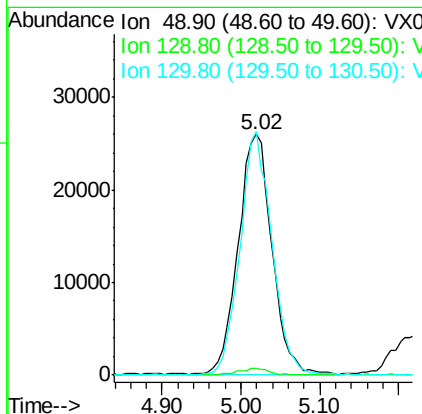
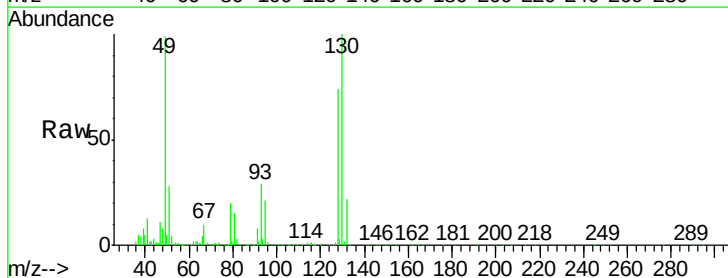
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.0	0.0	258.6
98	64.5	0.0	132.0

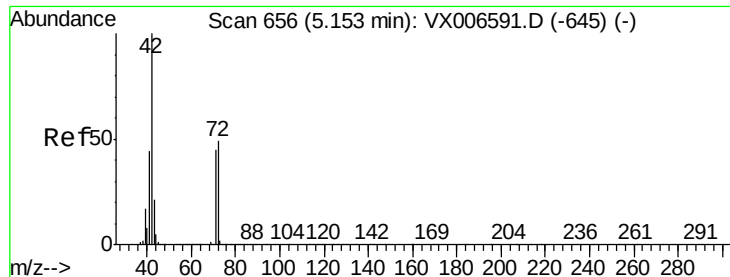


#28

Bromochloromethane
 Concen: 19.253 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX006912.D
 Acq: 04 Jan 2019 14:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.4
130	95.5	77.7	116.5





#29

Tetrahydrofuran

Concen: 96.253 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampled :

VX0104WBS01

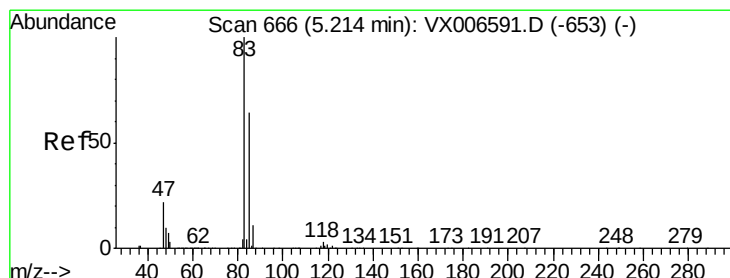
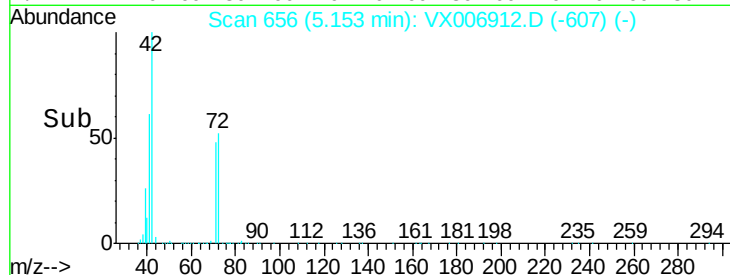
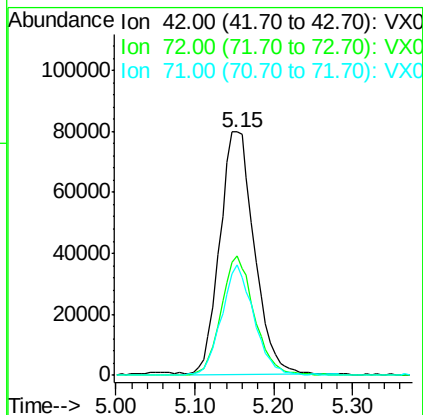
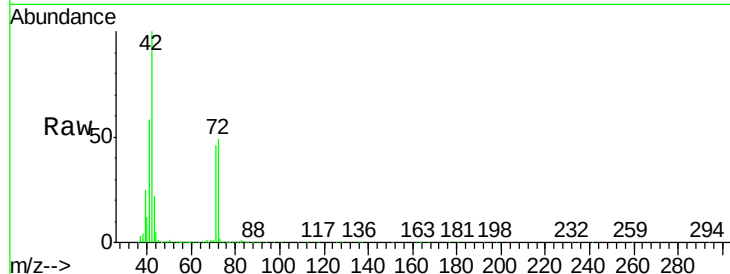
Tot Ion: 42 Resp: 242070

Ion Ratio Lower Upper

42 100

72 47.3 38.9 58.3

71 42.6 36.2 54.4



#30

Chloroform

Concen: 18.927 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006912.D

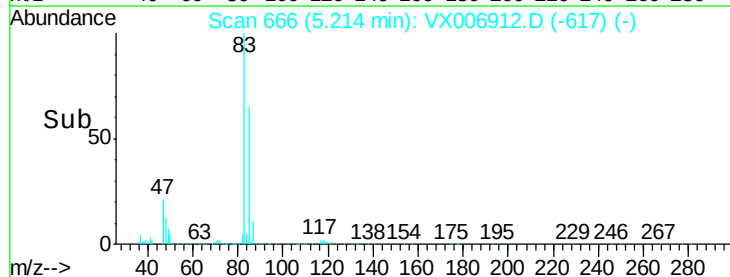
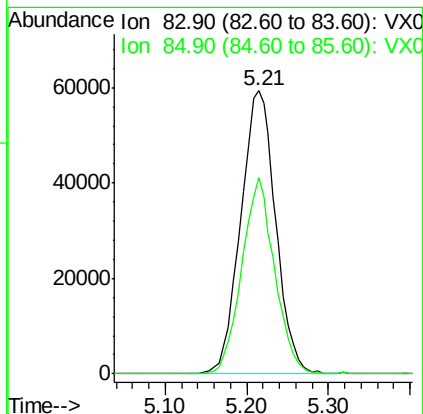
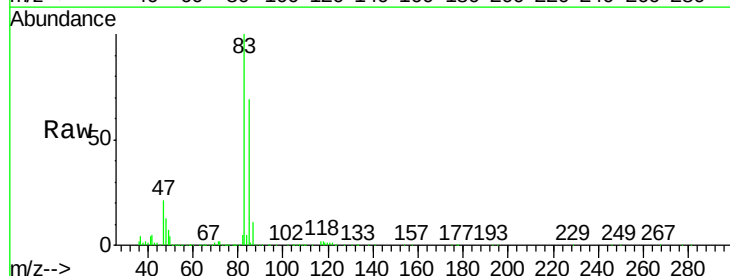
Acq: 04 Jan 2019 14:45

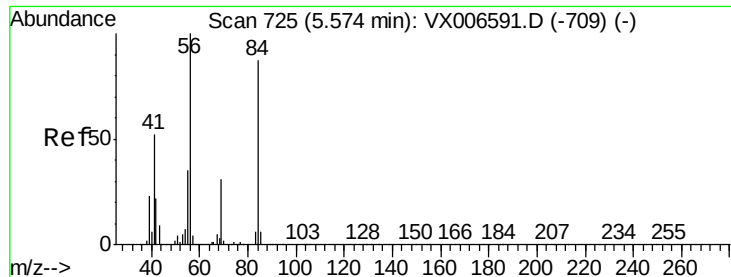
Tgt Ion: 83 Resp: 176478

Ion Ratio Lower Upper

83 100

85 69.2 51.2 76.8

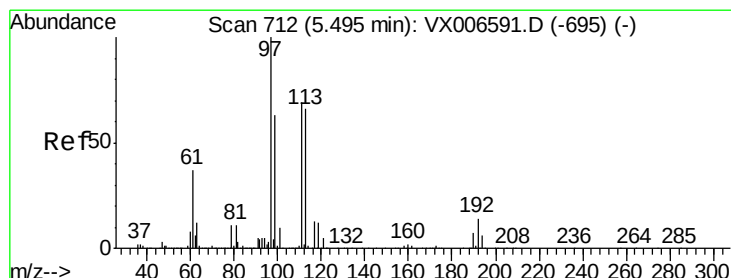
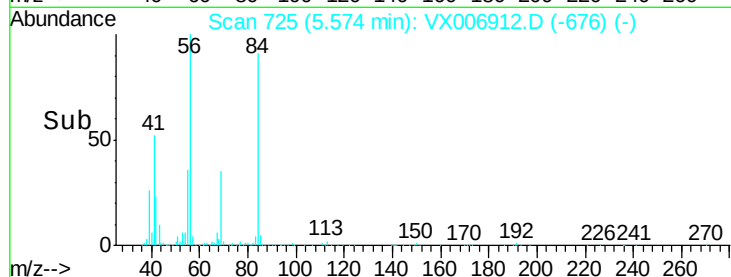
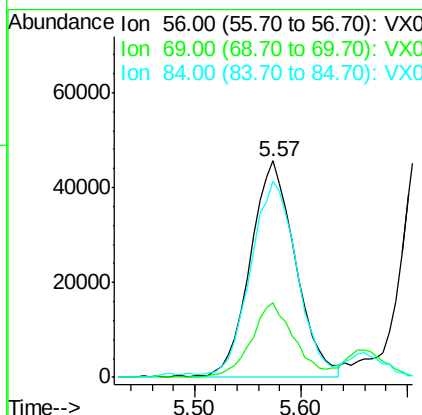
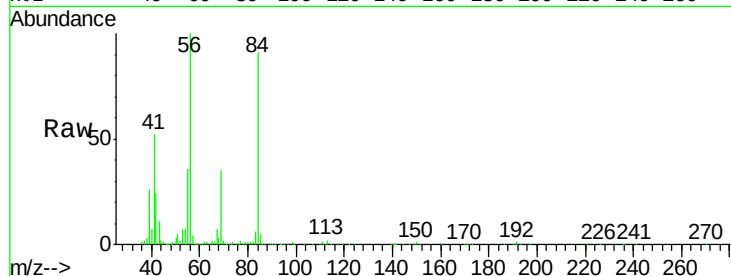




#31
Cyclohexane
Concen: 16.467 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

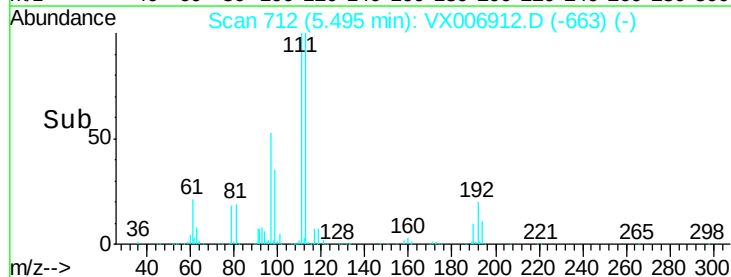
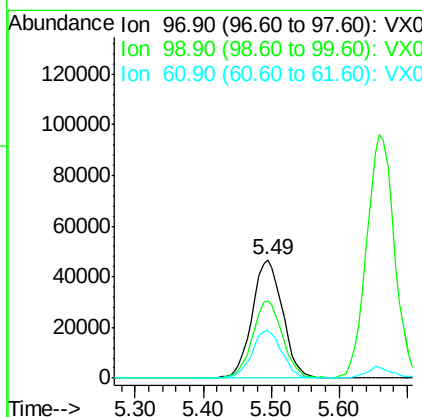
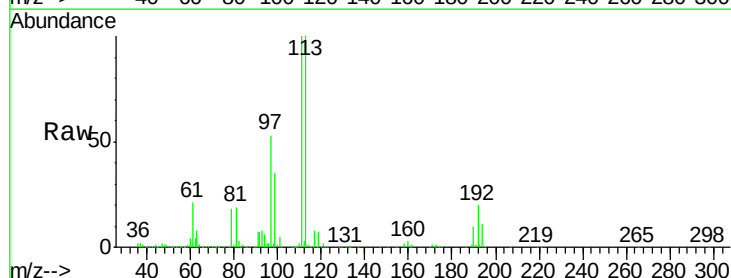
Instrument :
MSVOA_X
ClientSampleId :
VX0104WBS01

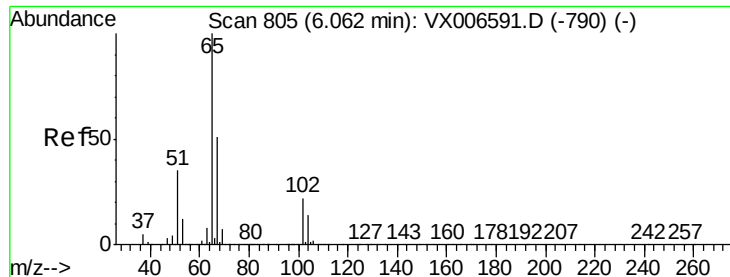
Tot Ion: 56 Resp: 134702
Ion Ratio Lower Upper
56 100
69 34.9 24.4 36.6
84 89.5 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 18.447 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Tgt Ion: 97 Resp: 145239
Ion Ratio Lower Upper
97 100
99 65.1 51.7 77.5
61 40.1 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 48.629 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

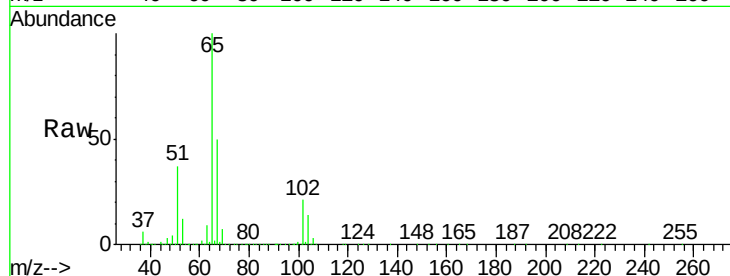
VX0104WBS01

Tot Ion: 65 Resp: 287330

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

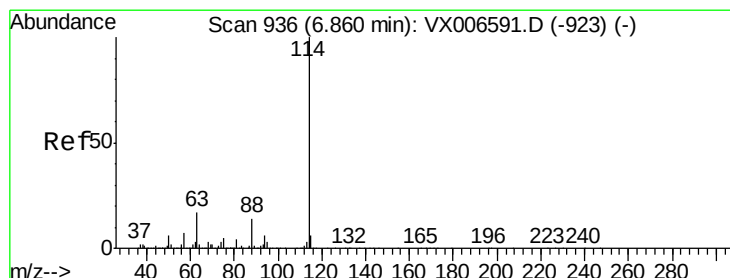
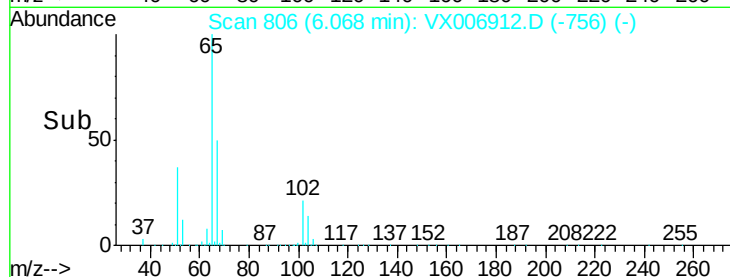
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

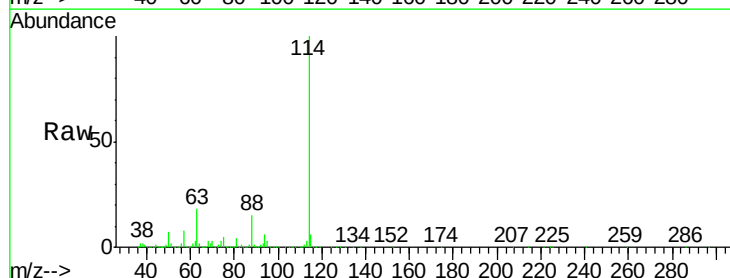
Tgt Ion: 114 Resp: 805988

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.8

88 15.0 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

400000

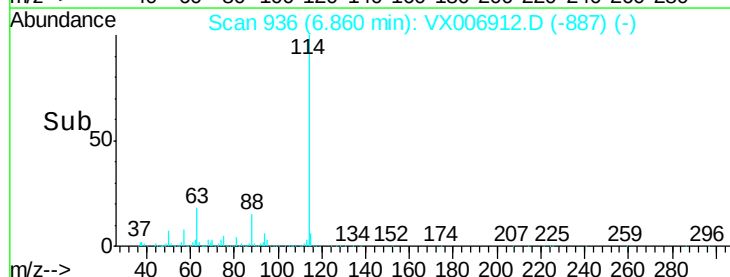
300000

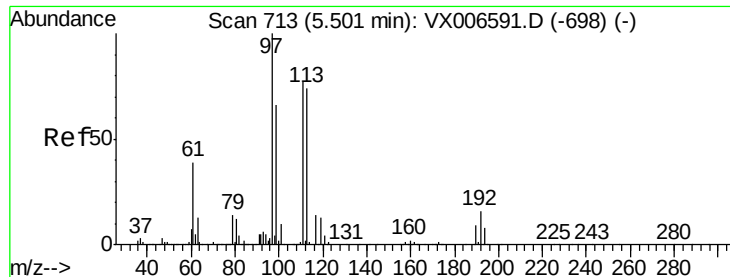
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 51.500 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

VX0104WBS01

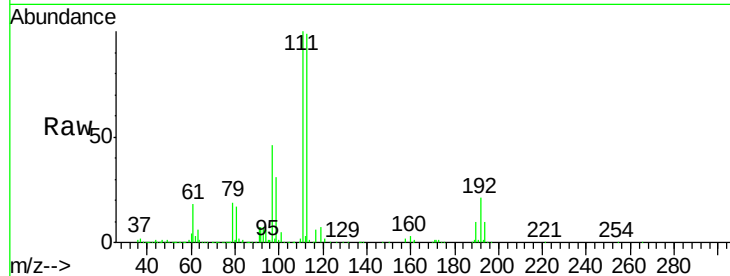
Tot Ion:113 Resp: 262490

Ion Ratio Lower Upper

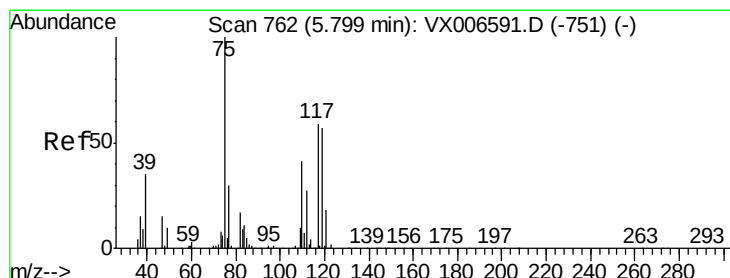
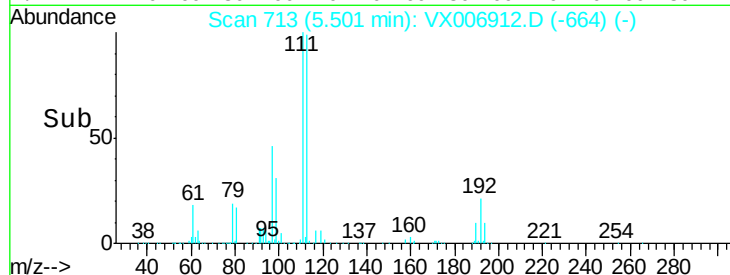
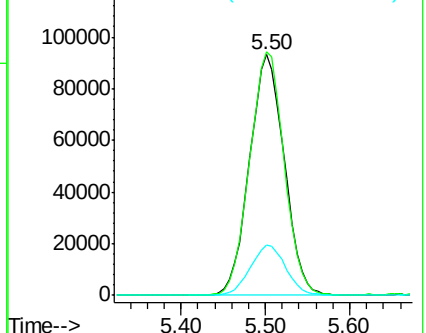
113 100

111 100.7 81.6 122.4

192 21.5 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: 18.348 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

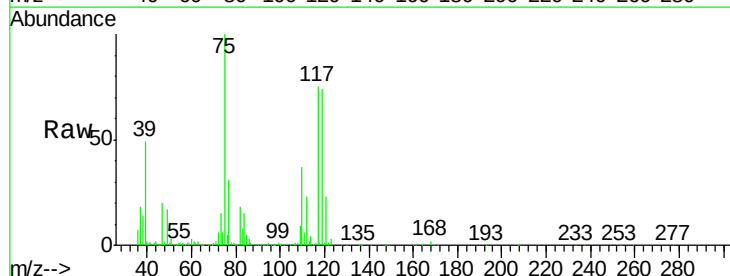
Tgt Ion: 75 Resp: 122482

Ion Ratio Lower Upper

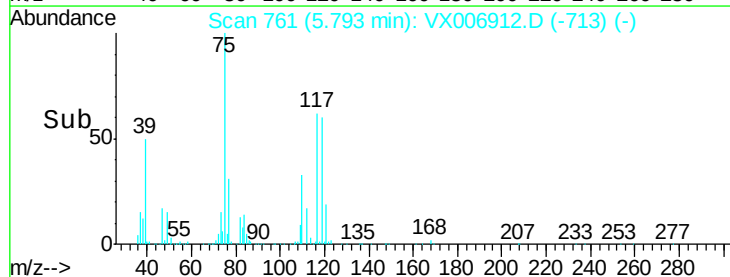
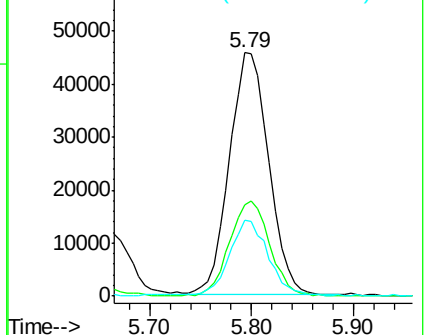
75 100

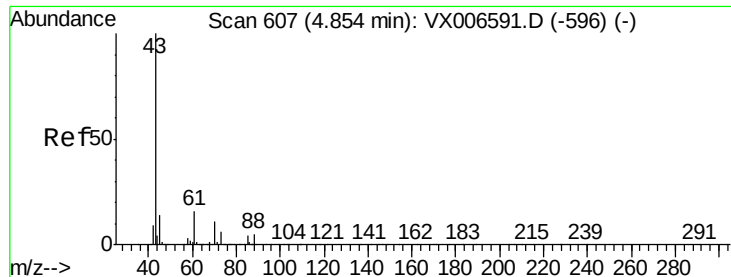
110 40.1 20.2 60.5

77 30.6 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

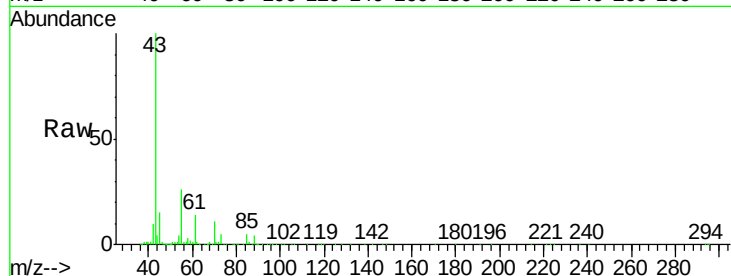




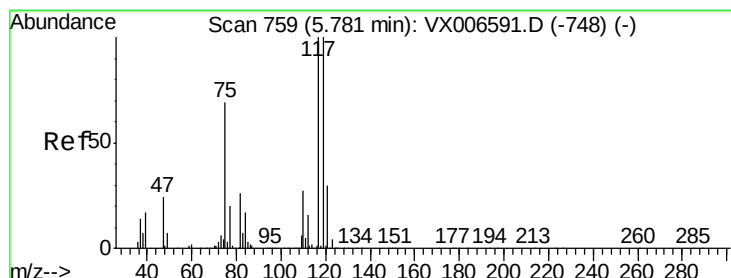
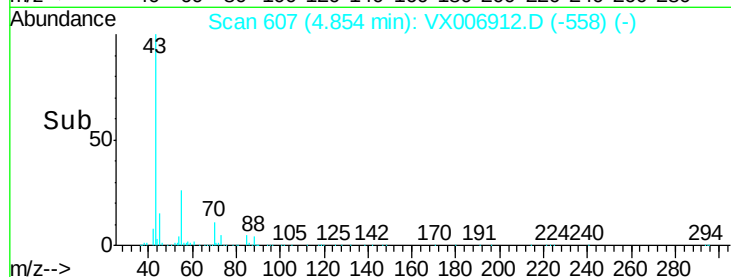
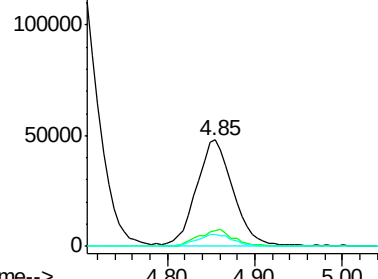
#37
Ethyl Acetate
Concen: 20.001 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Instrument :
MSVOA_X
ClientSampled :
VX0104WBS01

Tot Ion: 43 Resp: 138966
Ion Ratio Lower Upper
43 100
61 15.2 11.9 17.9
70 11.2 9.7 14.5

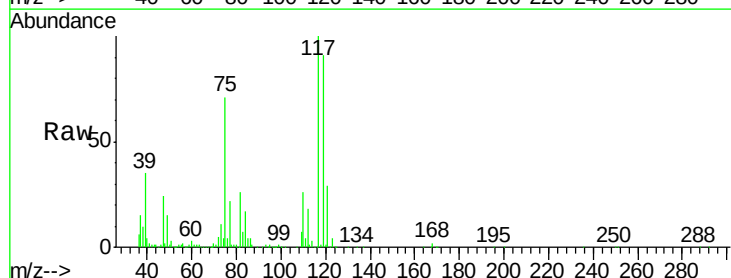


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

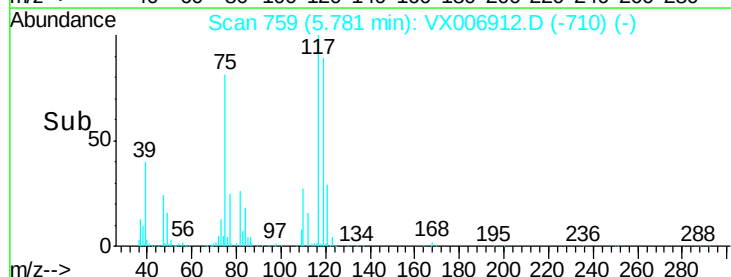
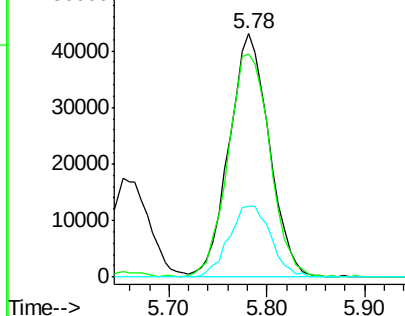


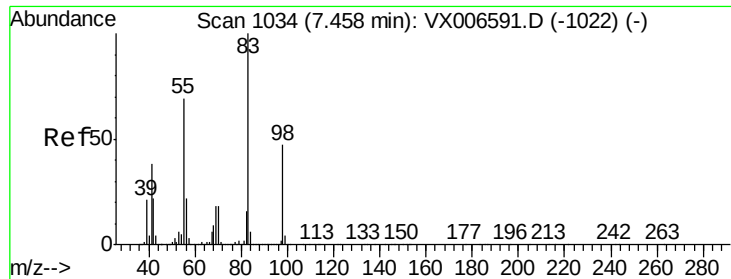
#38
Carbon Tetrachloride
Concen: 18.854 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Tgt Ion: 117 Resp: 122317
Ion Ratio Lower Upper
117 100
119 91.4 79.4 119.2
121 29.4 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

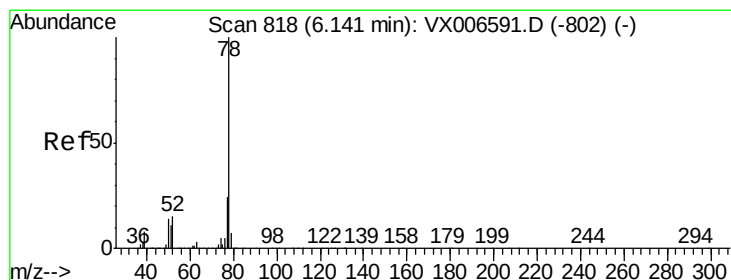
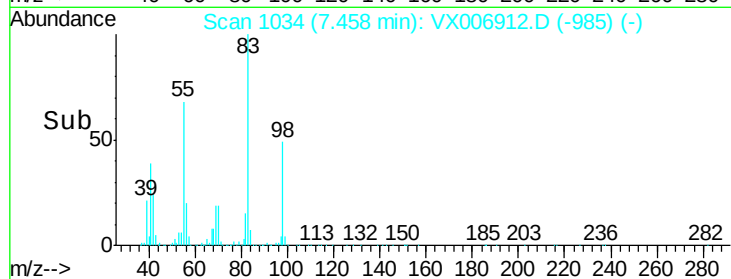
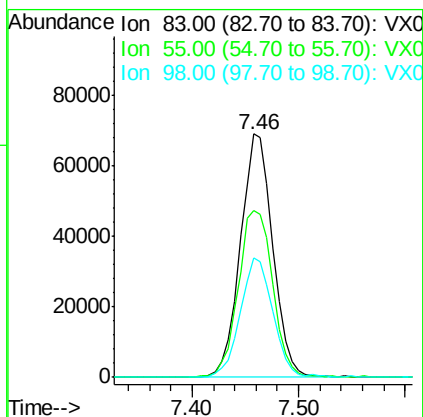
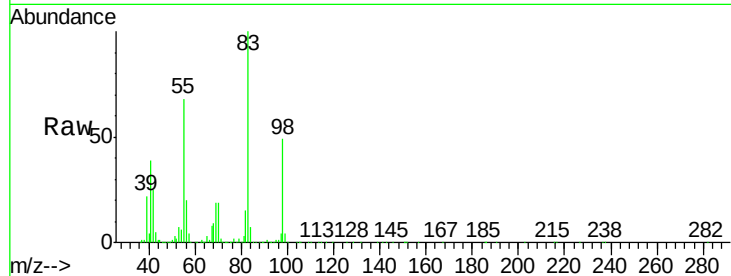




#39
Methylvlcyclohexane
Concen: 16.728 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

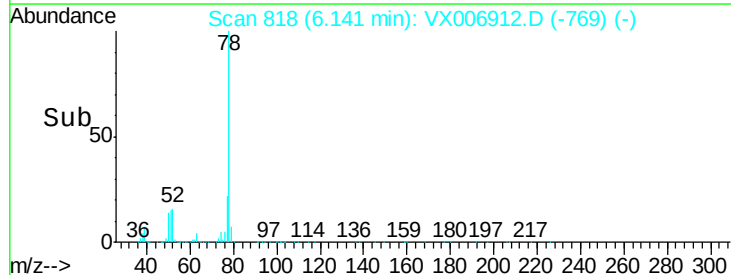
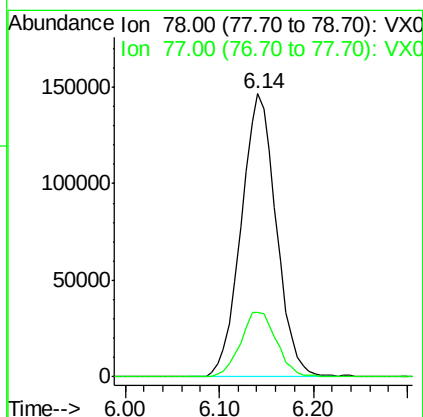
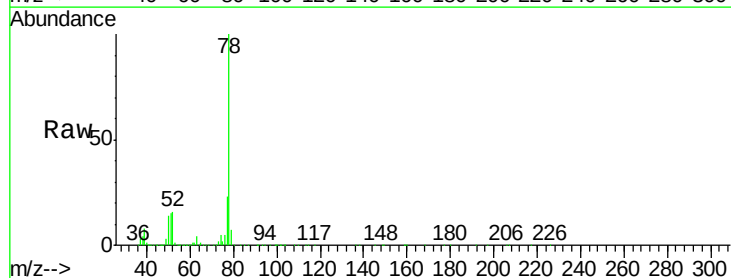
Instrument :
MSVOA_X
ClientSampleId :
VX0104WBS01

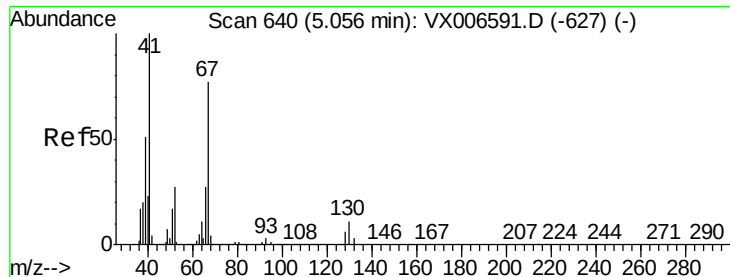
Tot Ion: 83 Resp: 147016
Ion Ratio Lower Upper
83 100
55 68.3 54.9 82.3
98 49.0 37.9 56.9



#40
Benzene
Concen: 18.772 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Tgt Ion: 78 Resp: 380911
Ion Ratio Lower Upper
78 100
77 22.7 19.2 28.8





#41

Methacrylonitrile

Concen: 21.416 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

VX0104WBS01

Tot Ion: 41 Resp: 79000

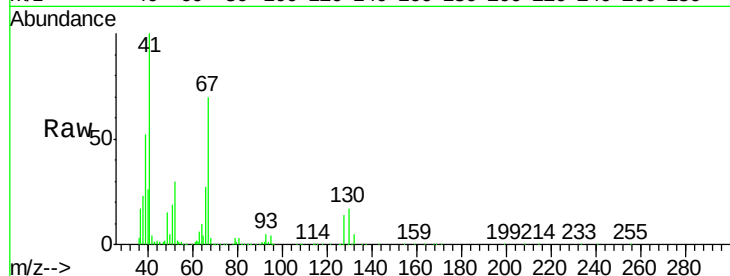
Ion Ratio Lower Upper

41 100

39 54.6 42.8 64.2

67 75.4 62.1 93.1

52 31.7 23.4 35.0

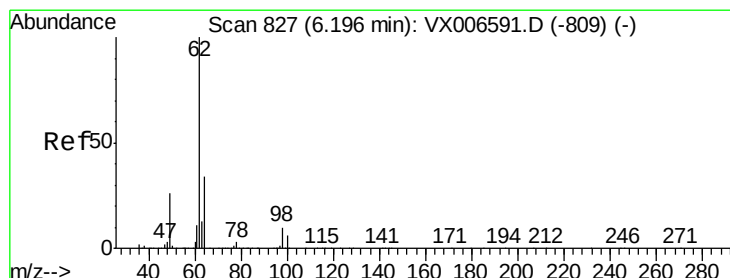
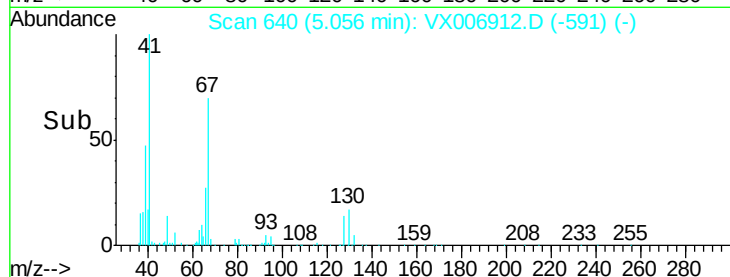
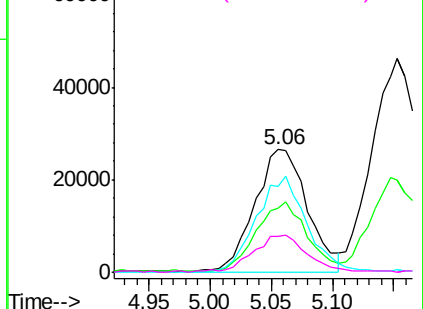


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.250 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006912.D

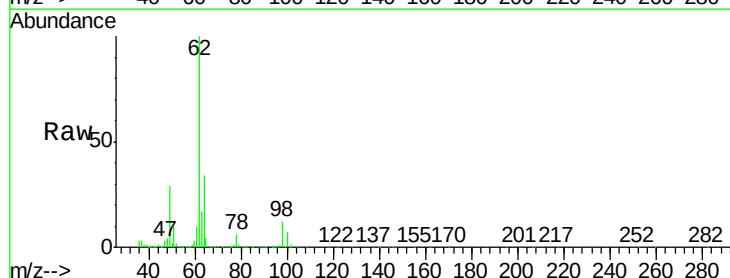
Acq: 04 Jan 2019 14:45

Tgt Ion: 62 Resp: 133100

Ion Ratio Lower Upper

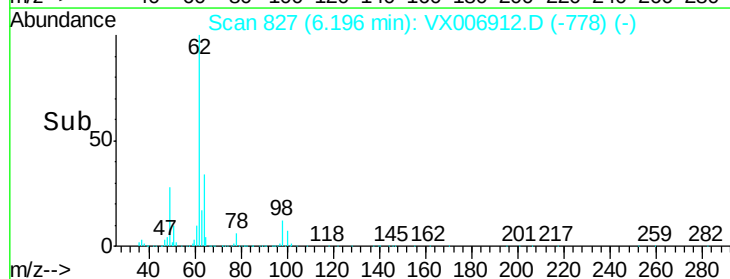
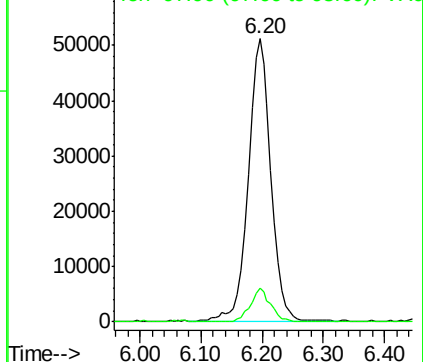
62 100

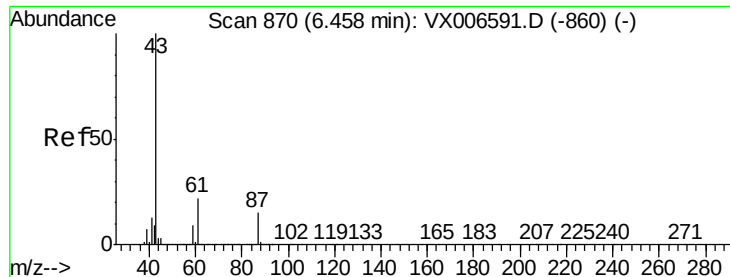
98 10.7 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.680 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

VX0104WBS01

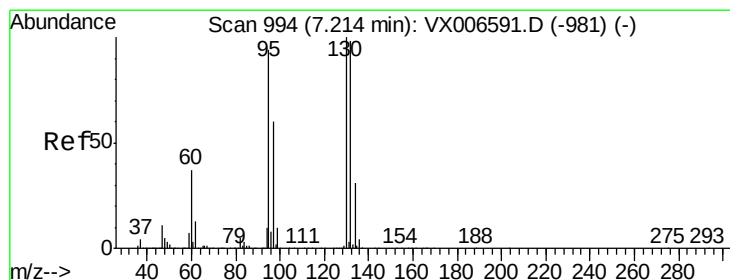
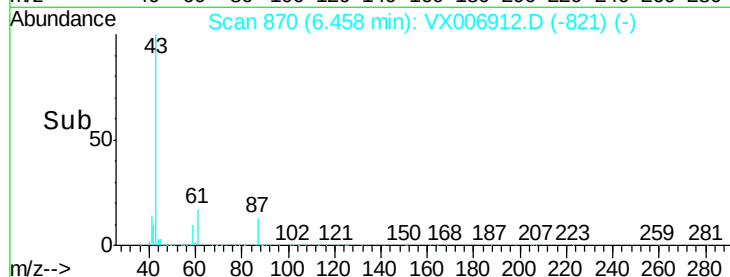
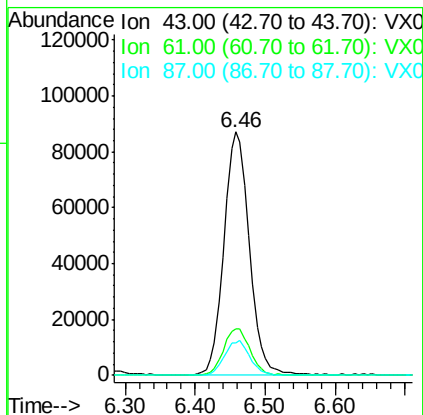
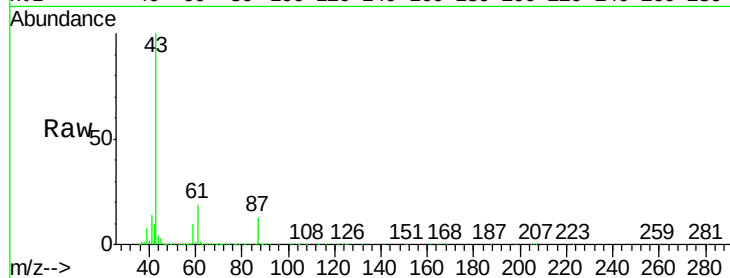
Tot Ion: 43 Resp: 218624

Ion Ratio Lower Upper

43 100

61 19.9 16.8 25.2

87 14.4 12.4 18.6



#44

Trichloroethene

Concen: 18.256 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006912.D

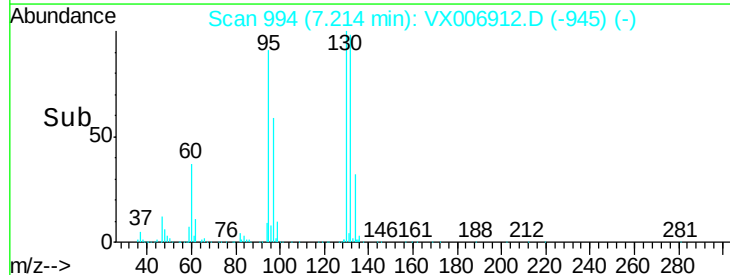
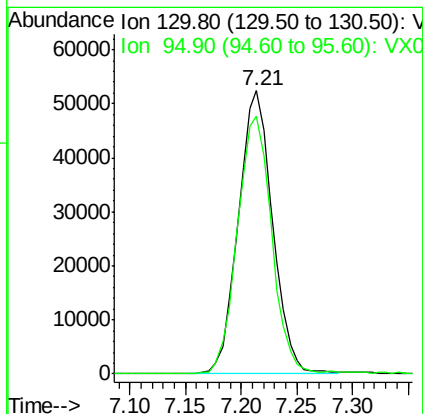
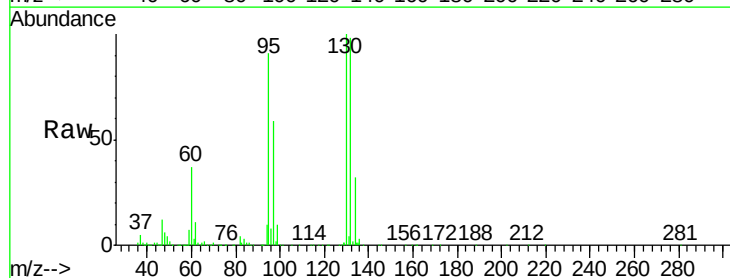
Acq: 04 Jan 2019 14:45

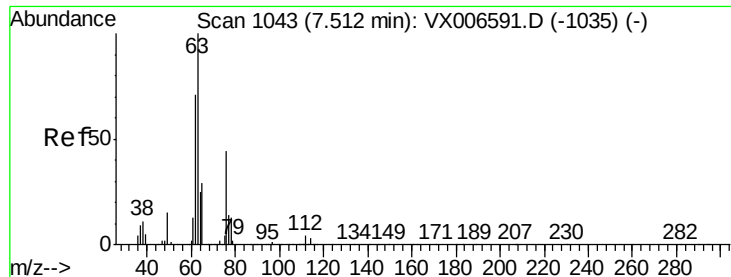
Tgt Ion:130 Resp: 112119

Ion Ratio Lower Upper

130 100

95 90.9 0.0 187.0





#45

1,2-Dichloropropane

Concen: 19.892 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampled :

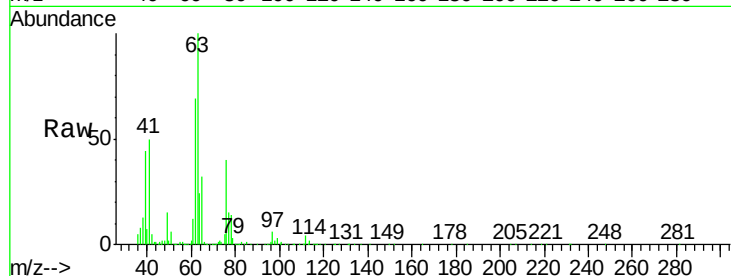
VX0104WBS01

Tot Ion: 63 Resp: 98222

Ion Ratio Lower Upper

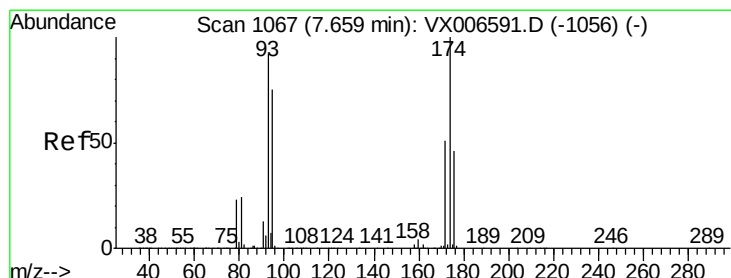
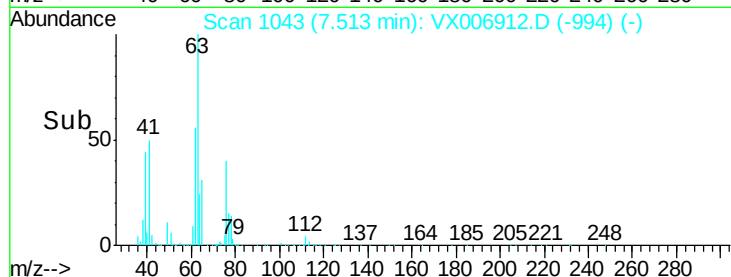
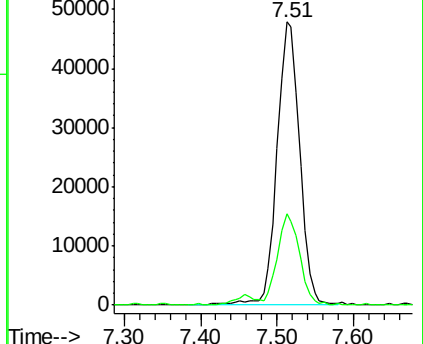
63 100

65 31.9 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.841 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

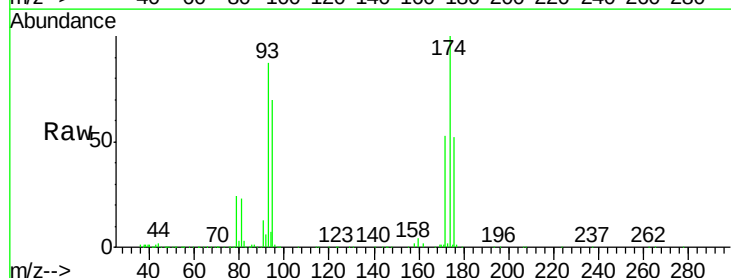
Tgt Ion: 93 Resp: 68432

Ion Ratio Lower Upper

93 100

95 84.1 66.2 99.4

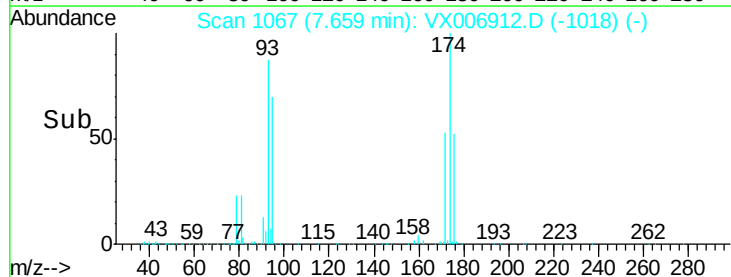
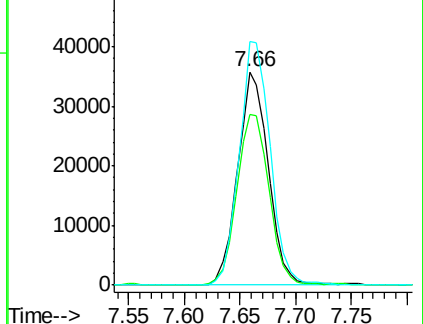
174 116.0 91.0 136.4

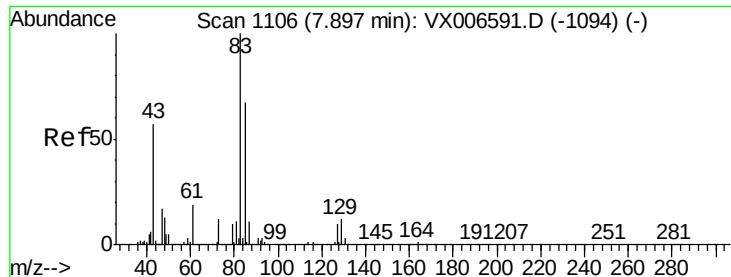


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.430 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

VX0104WBS01

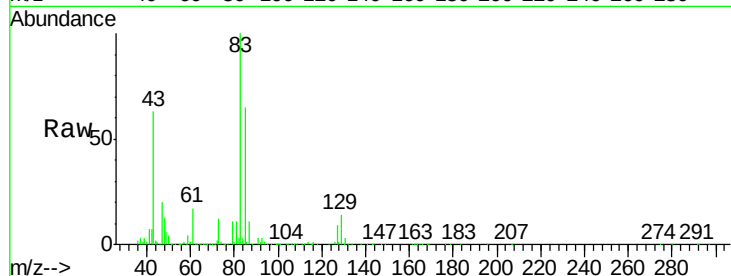
Tot Ion: 83 Resp: 117161

Ion Ratio Lower Upper

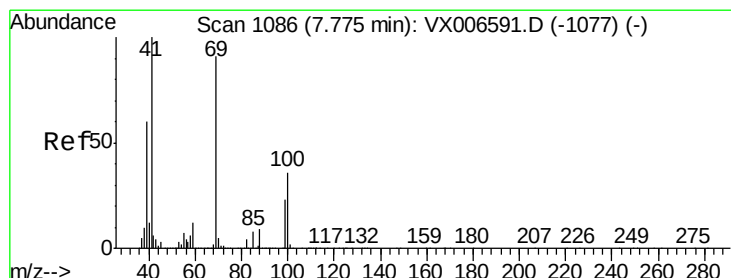
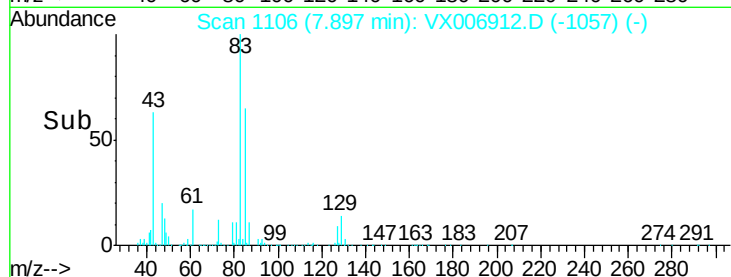
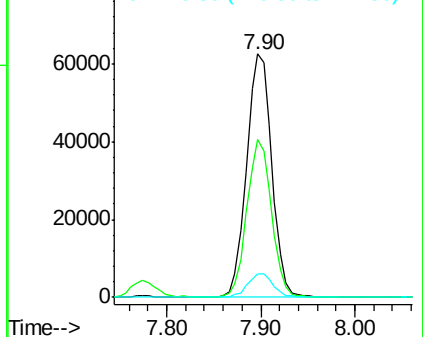
83 100

85 64.5 53.2 79.8

127 9.4 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: 20.636 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

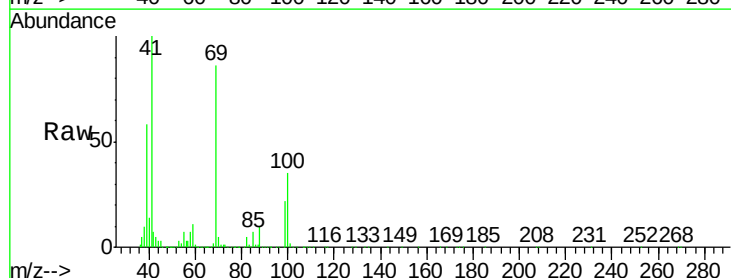
Tgt Ion: 41 Resp: 110938

Ion Ratio Lower Upper

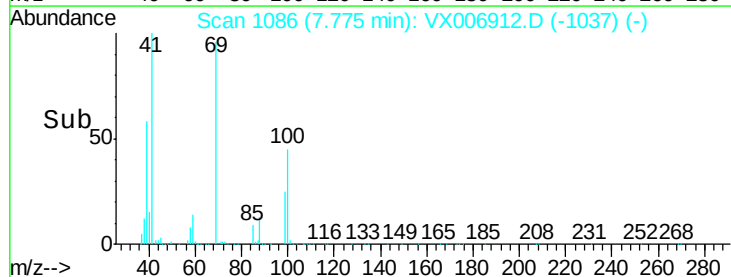
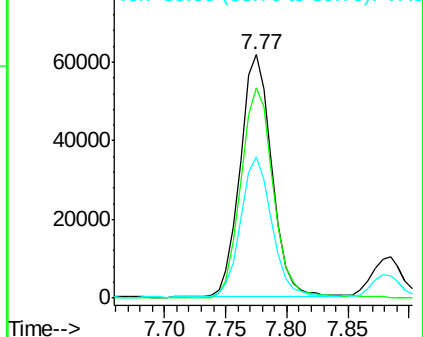
41 100

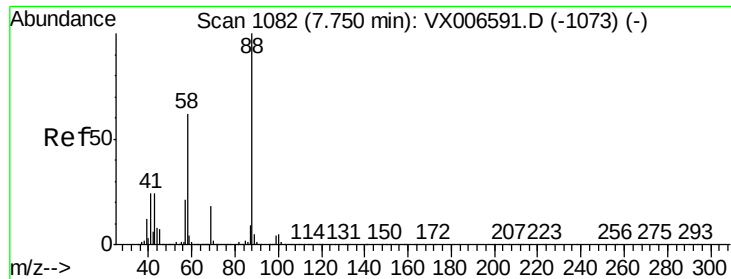
69 89.0 72.4 108.6

39 57.1 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

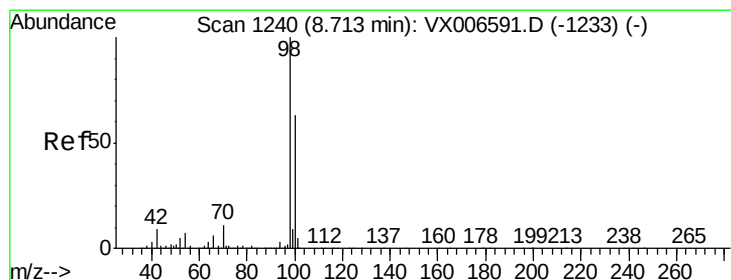
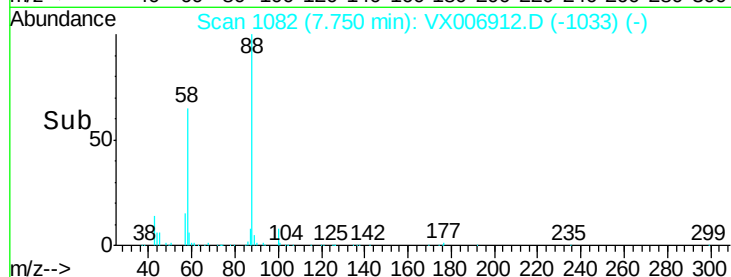
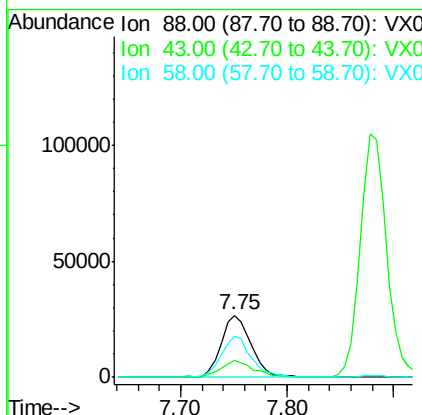
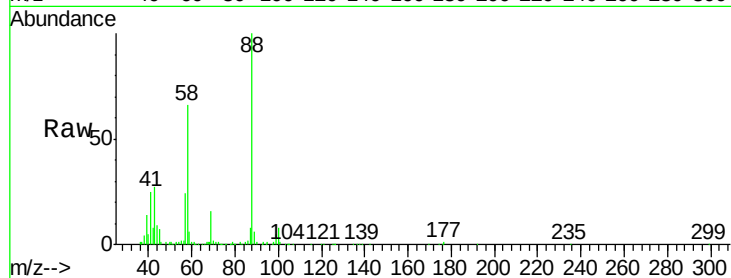




#49
1,4-Dioxane
Concen: 365.732 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

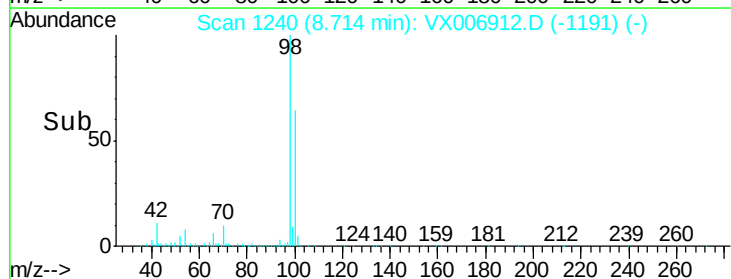
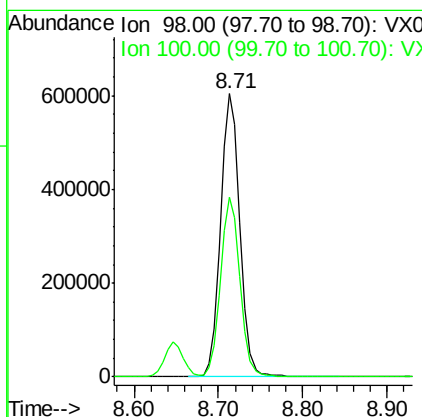
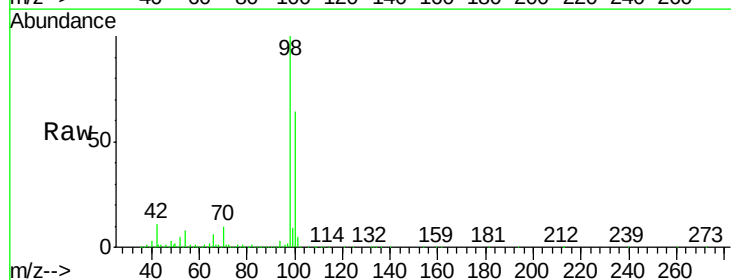
Instrument :
MSVOA_X
ClientSampled :
VX0104WBS01

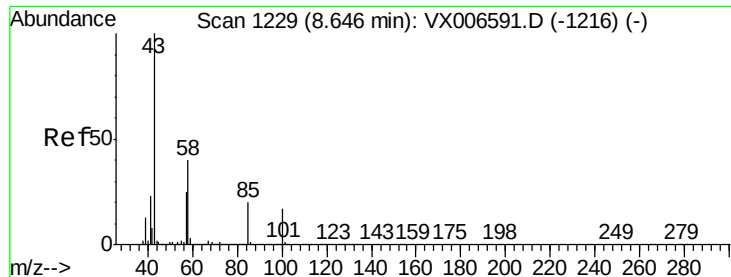
Tot Ion	Ratio	Lower	Upper
88	100		
43	28.4	22.2	33.4
58	63.7	51.0	76.4



#50
Toluene-d8
Concen: 49.672 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.0	78.0

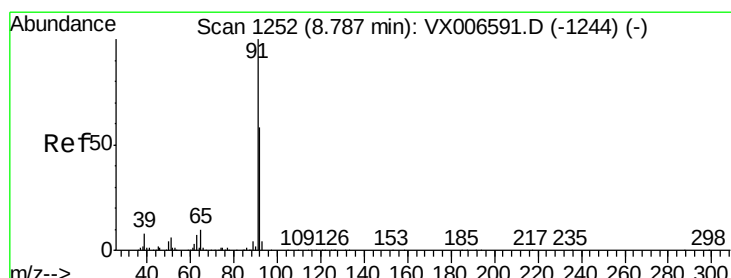
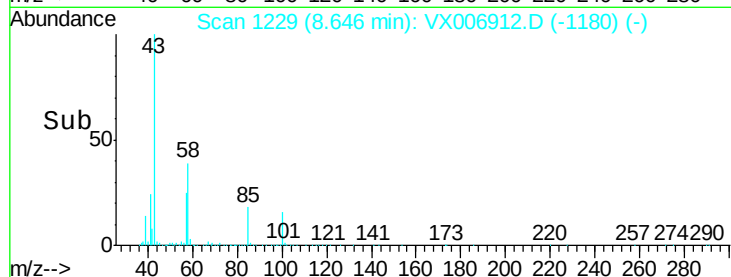
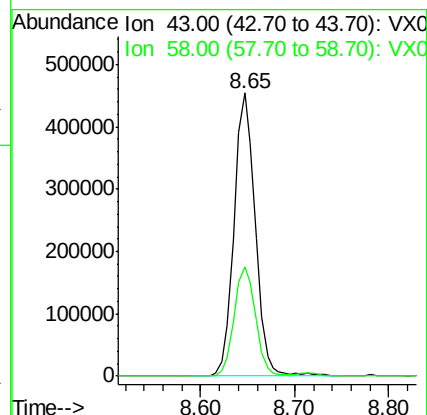
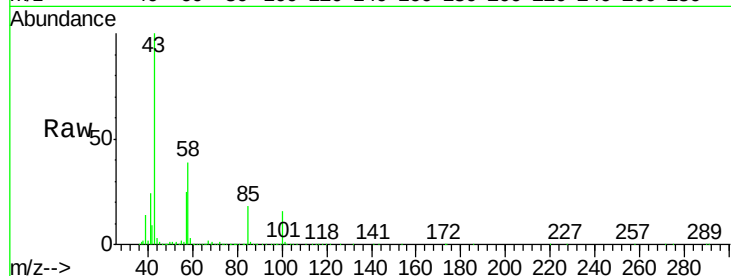




#51
4-Methyl-2-Pentanone
Concen: 105.361 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

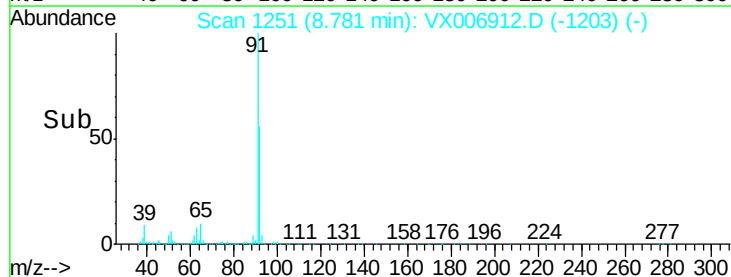
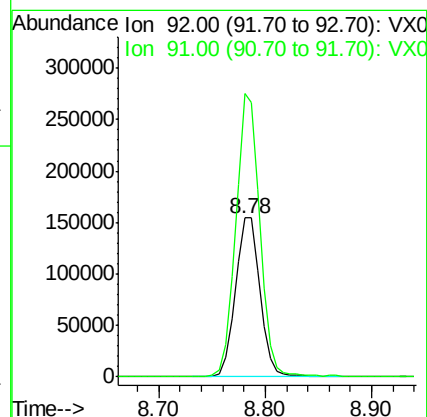
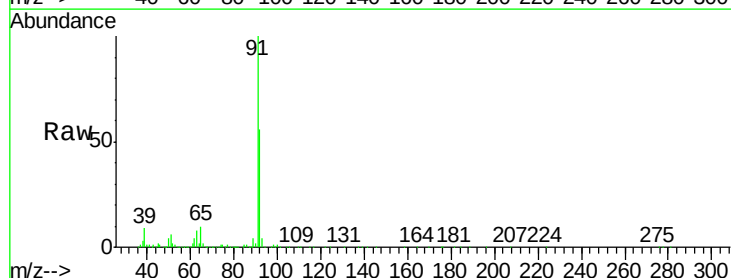
Instrument :
MSVOA_X
ClientSampleId :
VX0104WBS01

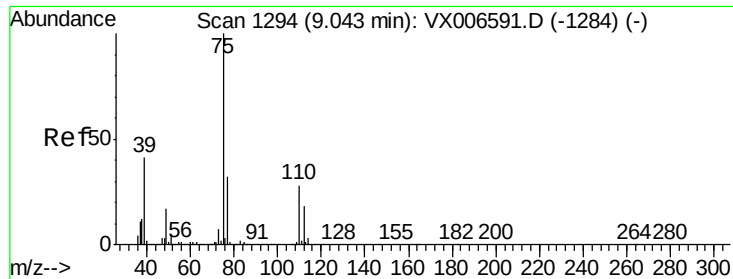
Tot Ion: 43 Resp: 708698
Ion Ratio Lower Upper
43 100
58 39.1 31.8 47.6



#52
Toluene
Concen: 19.194 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Tgt Ion: 92 Resp: 251608
Ion Ratio Lower Upper
92 100
91 172.7 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 19.450 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

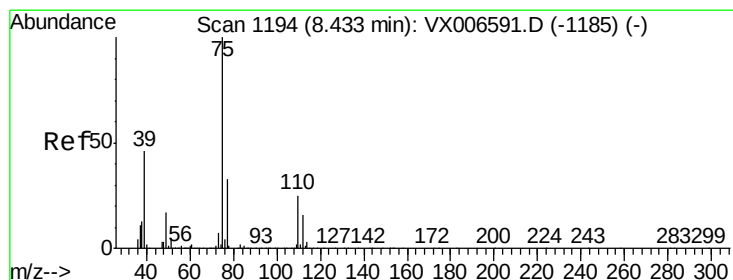
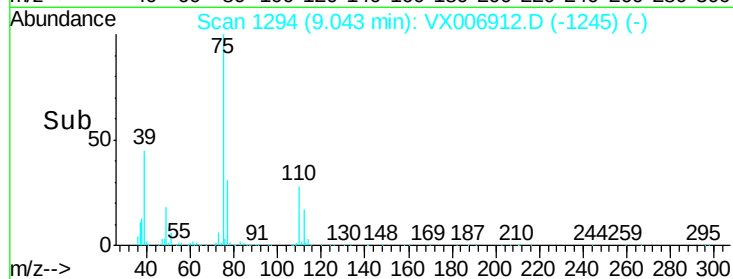
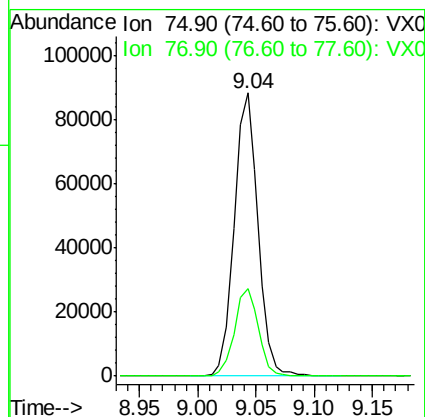
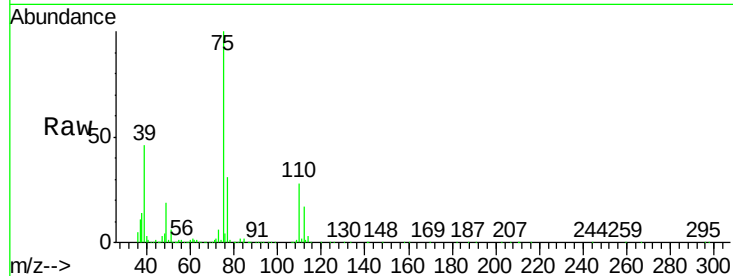
VX0104WBS01

Tot Ion: 75 Resp: 125783

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 19.598 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

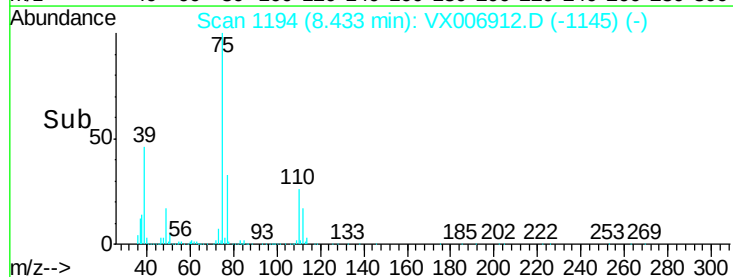
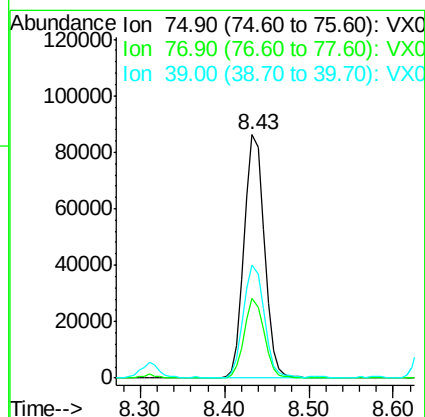
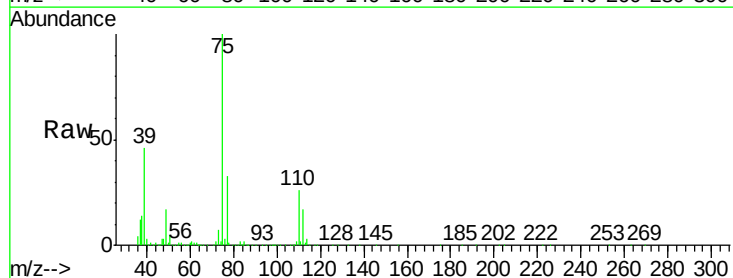
Tgt Ion: 75 Resp: 139071

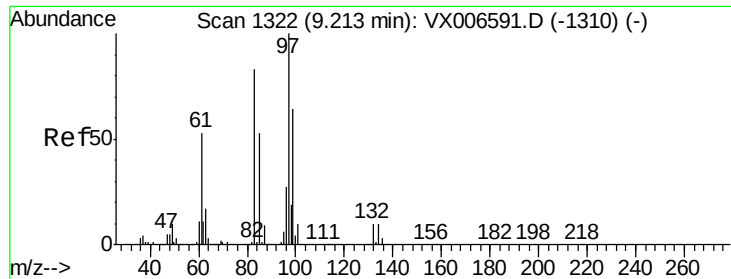
Ion Ratio Lower Upper

75 100

77 32.8 26.2 39.2

39 46.1 36.7 55.1

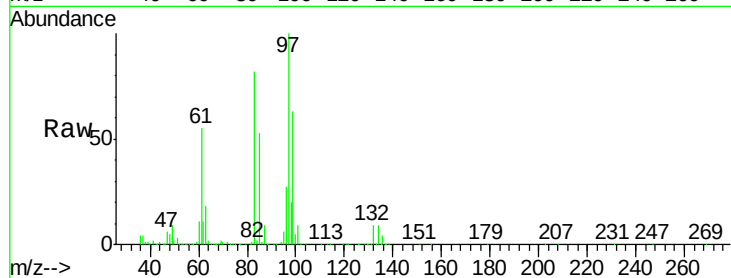




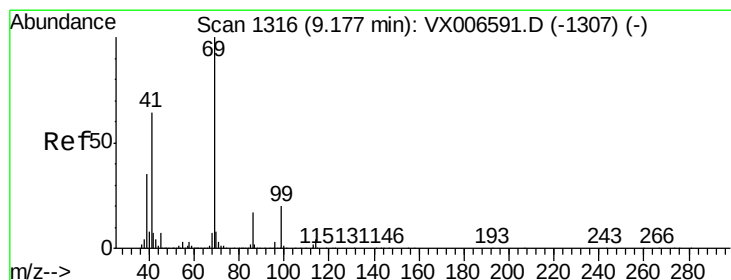
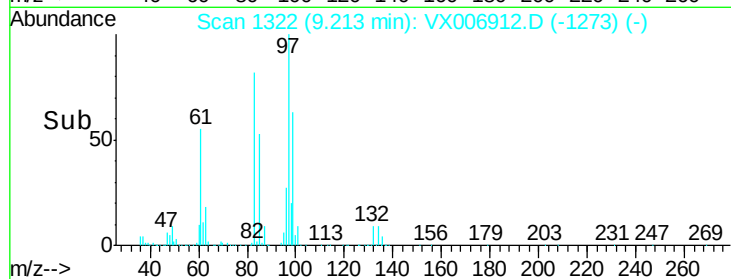
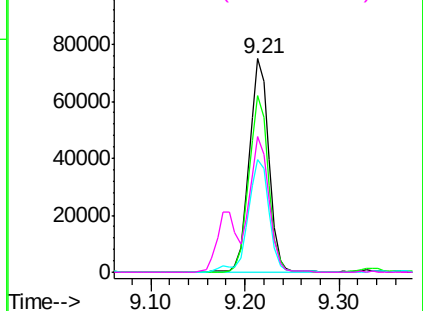
#55
 1,1,2-Trichloroethane
 Concen: 20.449 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006912.D
 Acq: 04 Jan 2019 14:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0104WBS01

Tot Ion:	97	Resp:	109725
Ion	Ratio	Lower	Upper
97	100		
83	82.5	66.6	99.8
85	52.5	42.7	64.1
99	63.2	50.8	76.2

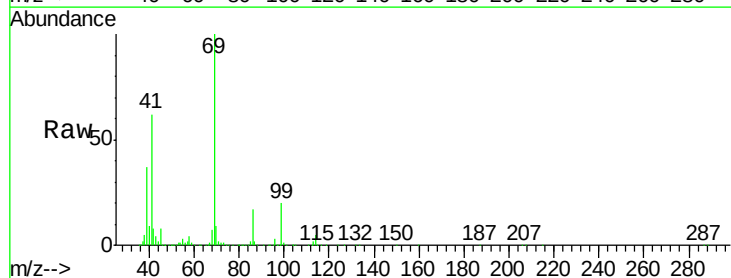


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

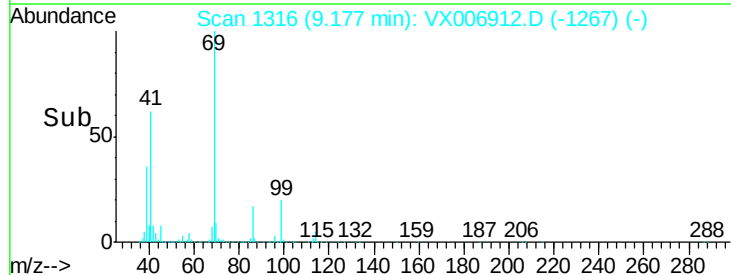
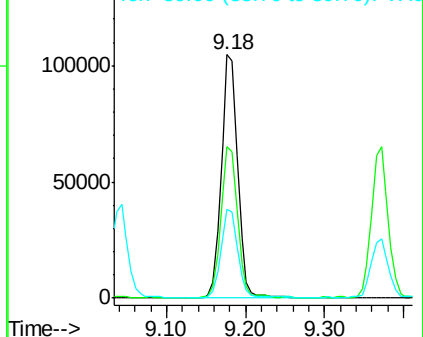


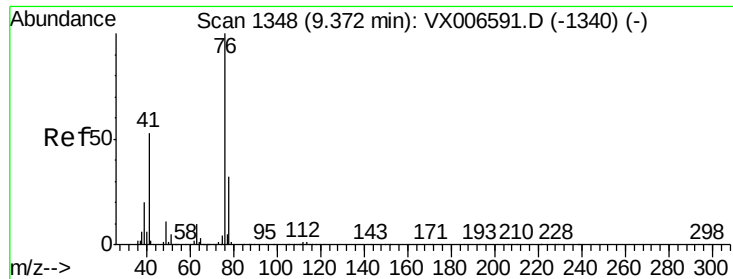
#56
 Ethyl methacrylate
 Concen: 20.109 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX006912.D
 Acq: 04 Jan 2019 14:45

Tgt Ion:	69	Resp:	152500
Ion	Ratio	Lower	Upper
69	100		
41	62.8	48.7	73.1
39	37.0	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: 19.811 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampled :

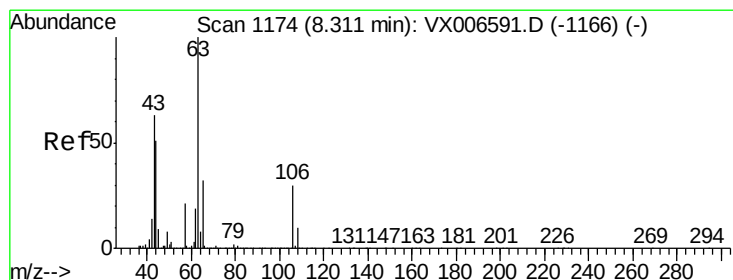
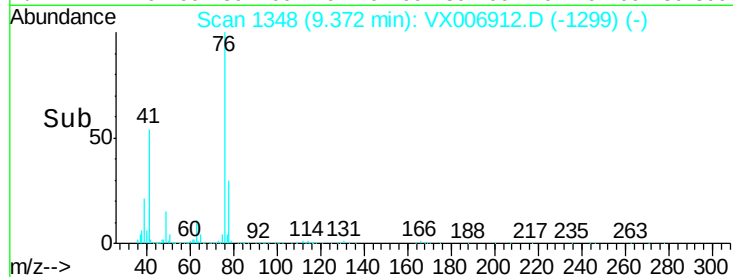
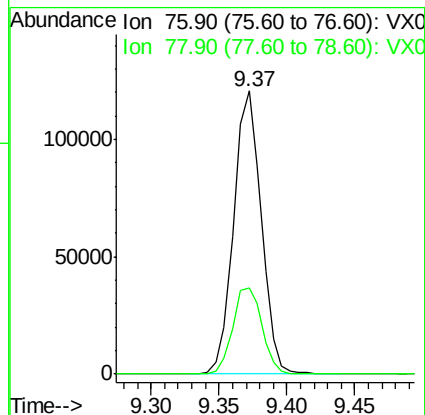
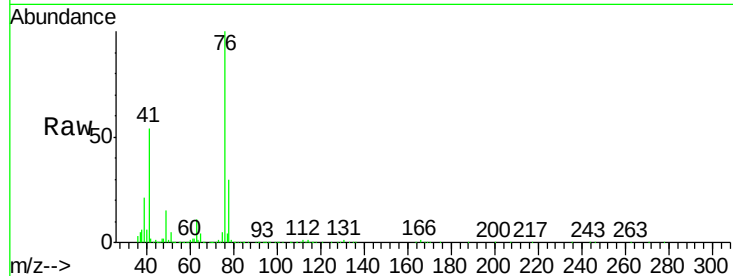
VX0104WBS01

Tot Ion: 76 Resp: 171029

Ion Ratio Lower Upper

76 100

78 32.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 96.743 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006912.D

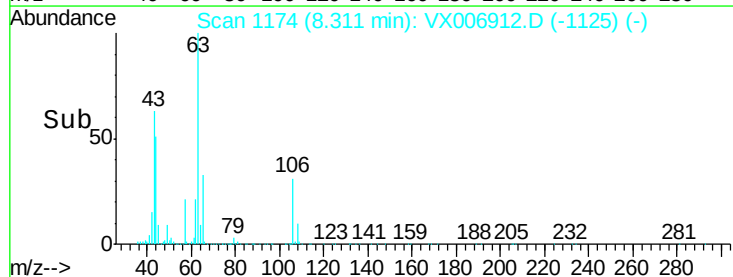
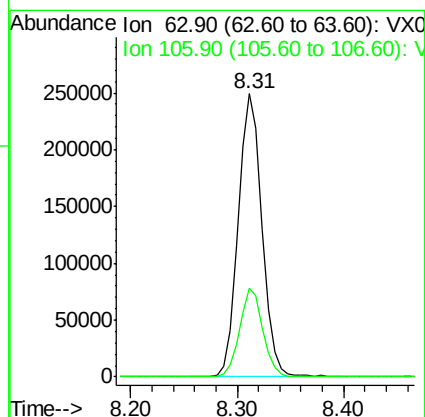
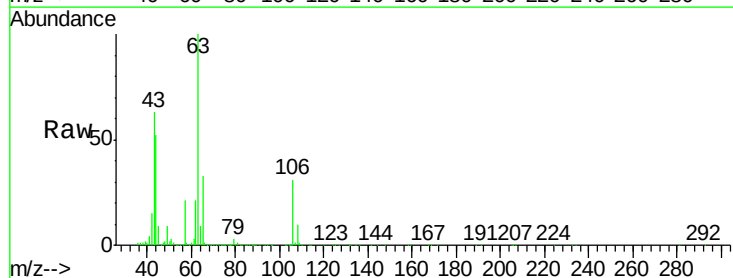
Acq: 04 Jan 2019 14:45

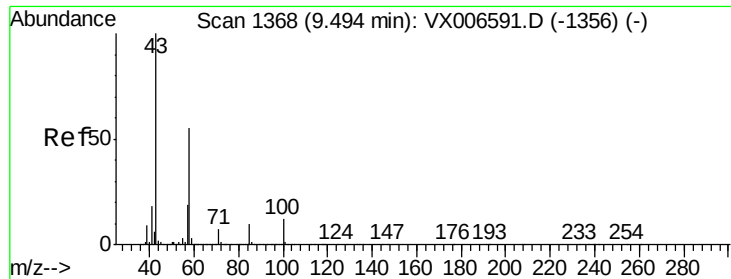
Tgt Ion: 63 Resp: 389997

Ion Ratio Lower Upper

63 100

106 30.7 24.6 36.8

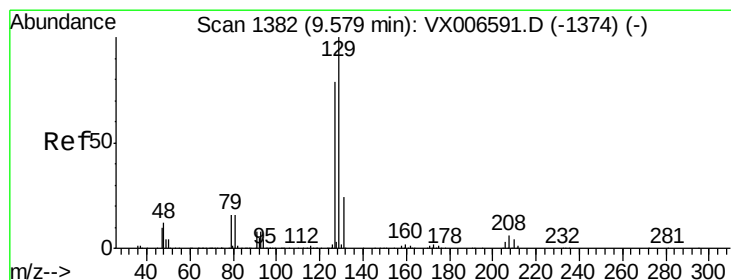
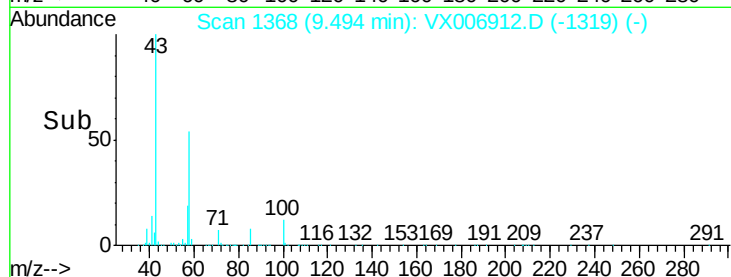
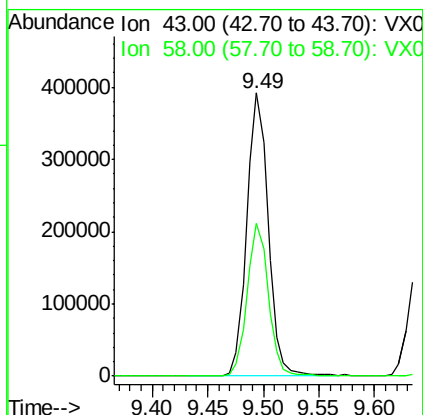
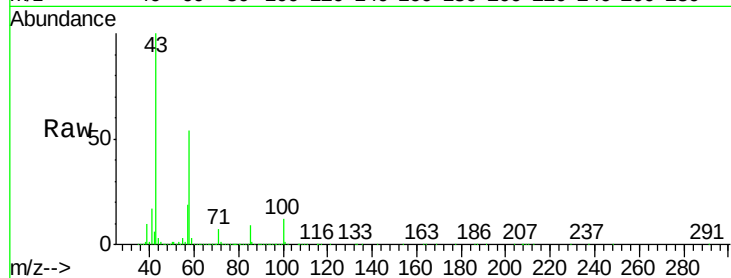




#59
2-Hexanone
Concen: 101.899 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

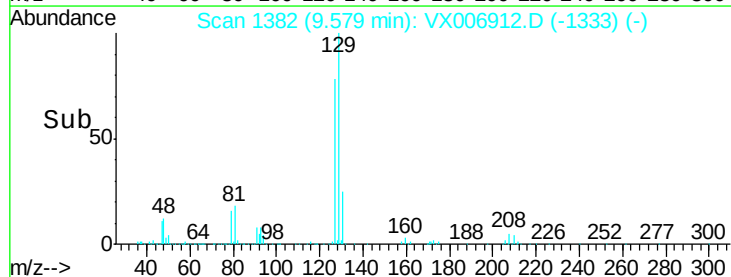
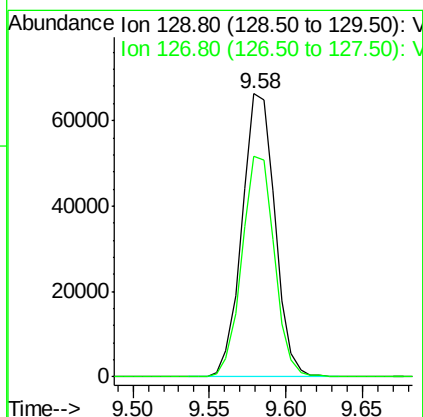
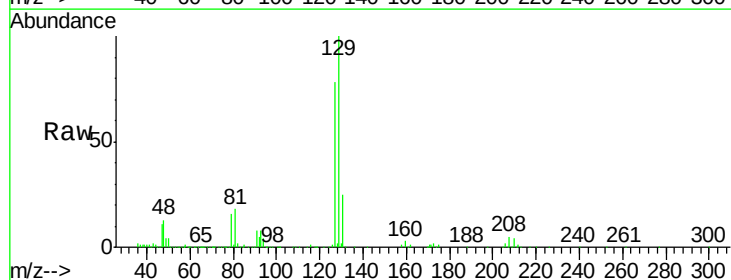
Instrument :
MSVOA_X
ClientSampleId :
VX0104WBS01

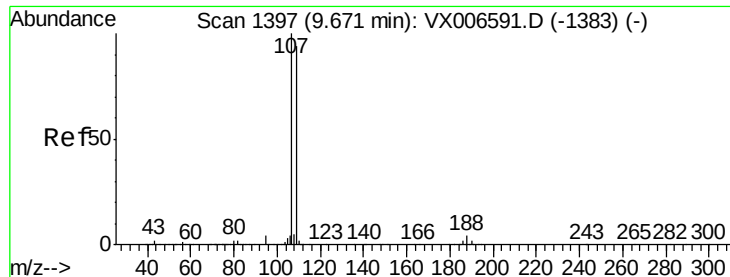
Tot Ion: 43 Resp: 524421
Ion Ratio Lower Upper
43 100
58 53.7 27.7 83.1



#60
Dibromochloromethane
Concen: 19.186 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Tgt Ion: 129 Resp: 99241
Ion Ratio Lower Upper
129 100
127 76.3 39.3 117.8





#61

1,2-Dibromoethane

Concen: 19.769 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

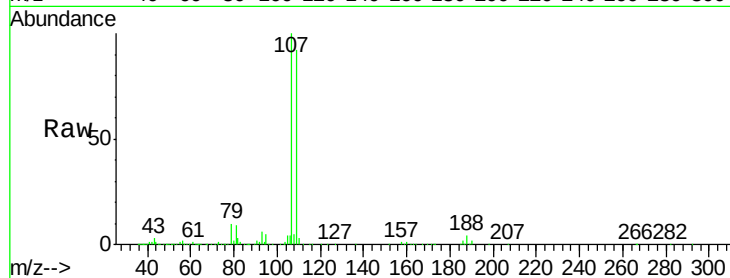
VX0104WBS01

Tot Ion:107 Resp: 112759

Ion Ratio Lower Upper

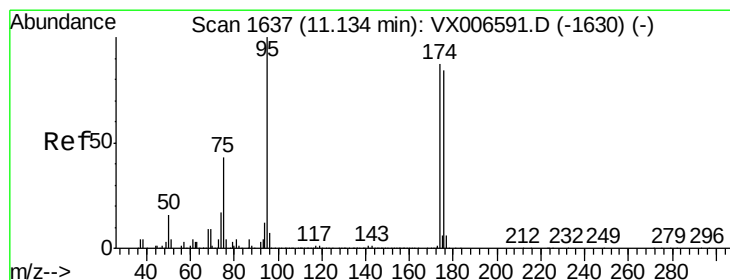
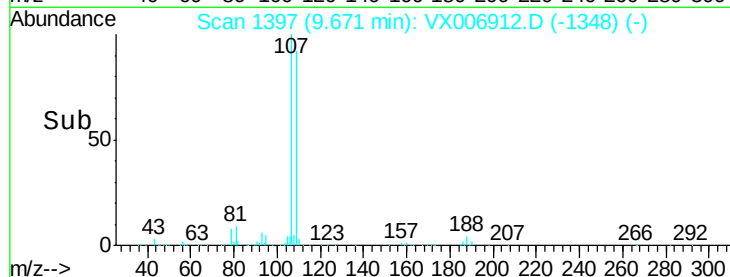
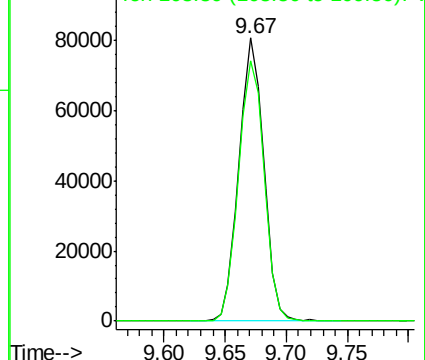
107 100

109 95.7 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: 48.331 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

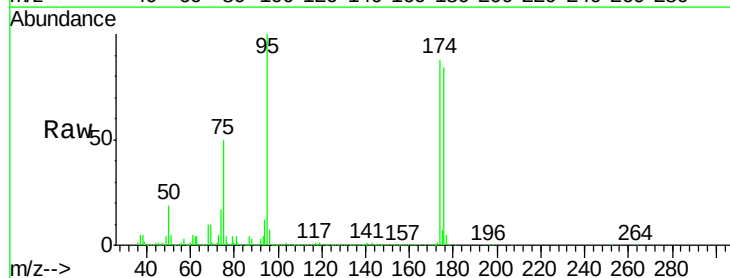
Tgt Ion: 95 Resp: 340131

Ion Ratio Lower Upper

95 100

174 95.7 0.0 182.2

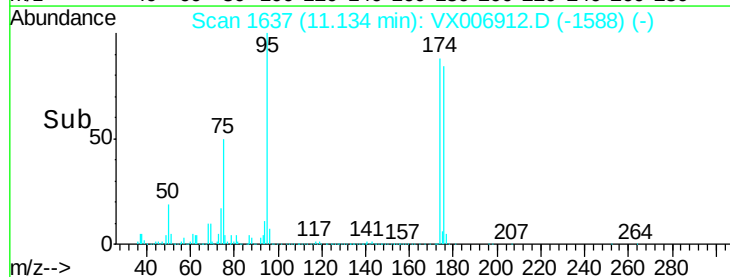
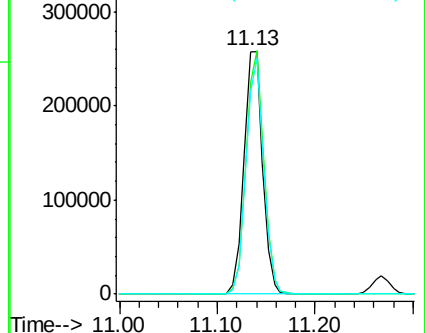
176 92.6 0.0 178.8

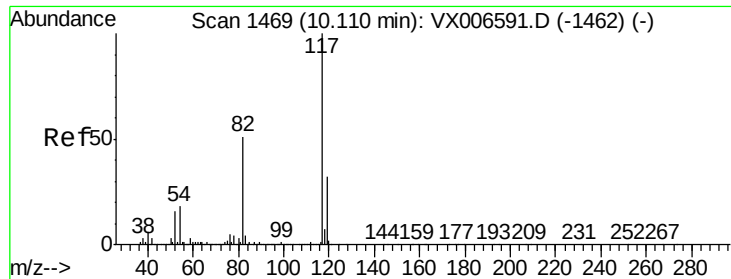


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

VX0104WBS01

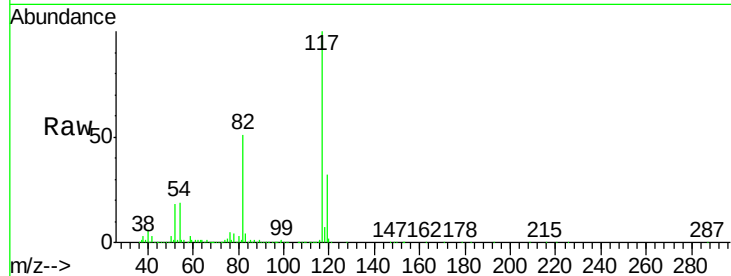
Tot Ion:117 Resp: 724355

Ion Ratio Lower Upper

117 100

82 51.4 41.0 61.6

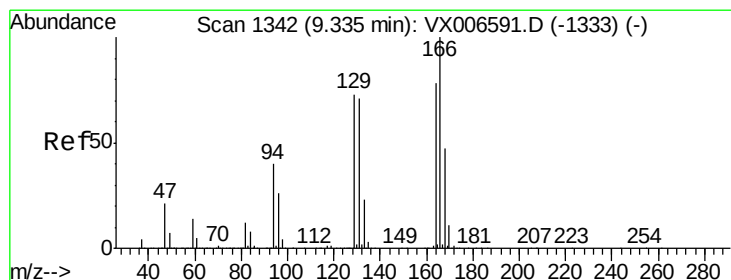
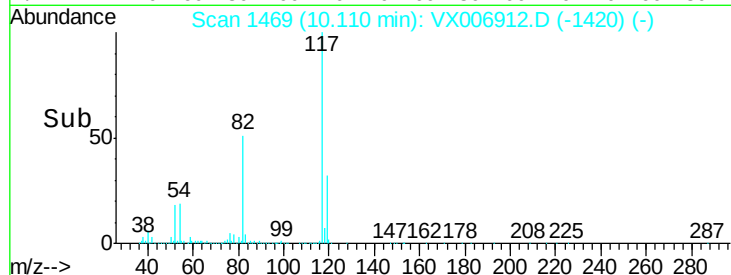
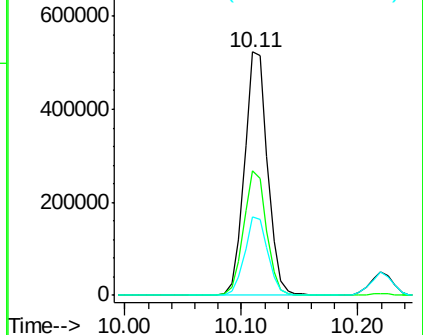
119 32.1 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 19.531 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Tgt Ion:164 Resp: 112023

Ion Ratio Lower Upper

164 100

166 128.7 102.5 153.7

129 92.8 75.1 112.7

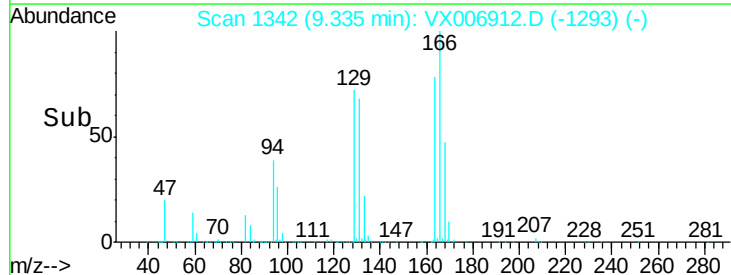
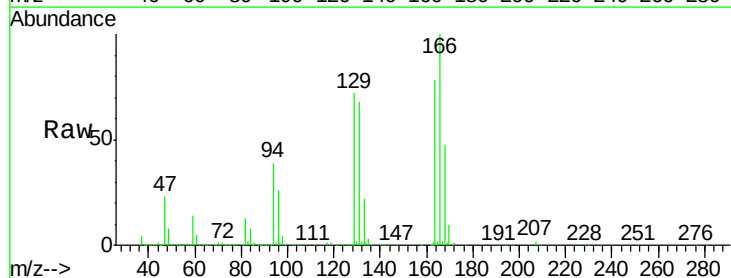
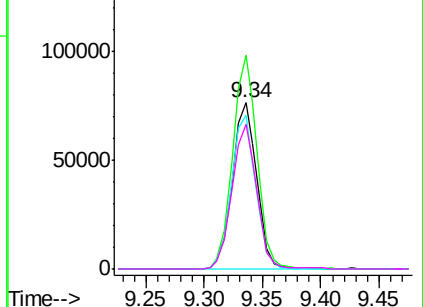
131 87.0 72.7 109.1

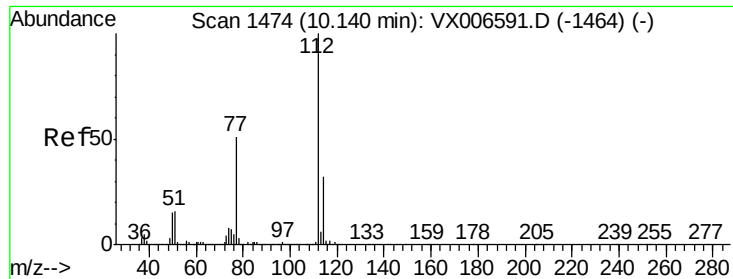
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

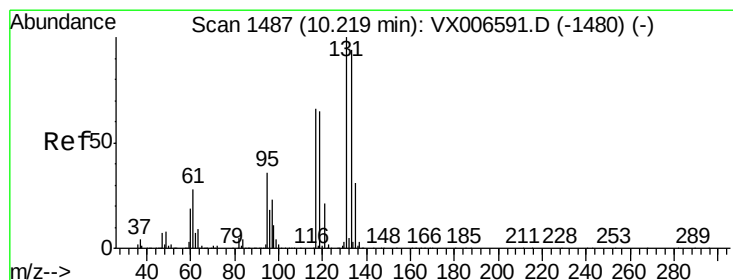
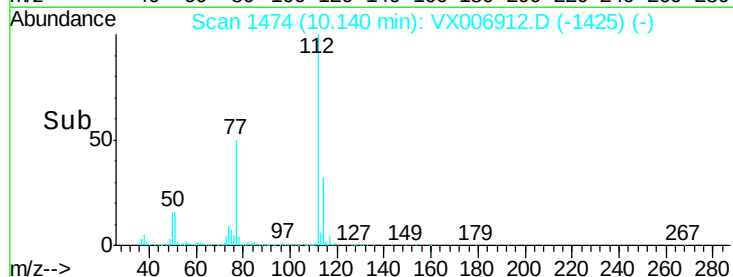
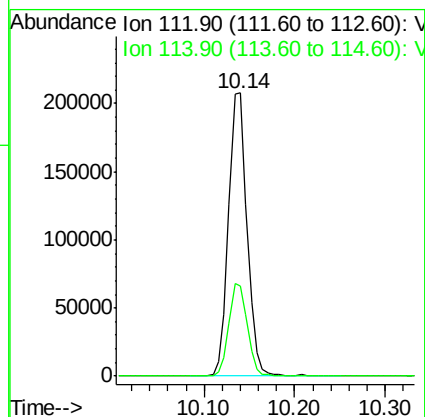
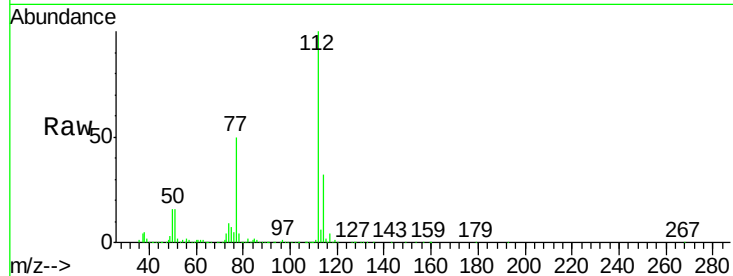




#65
Chlorobenzene
Concen: 19.352 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

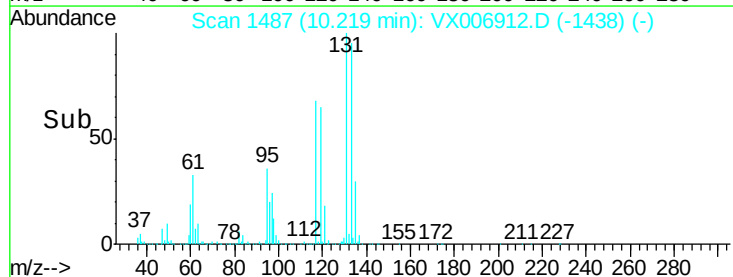
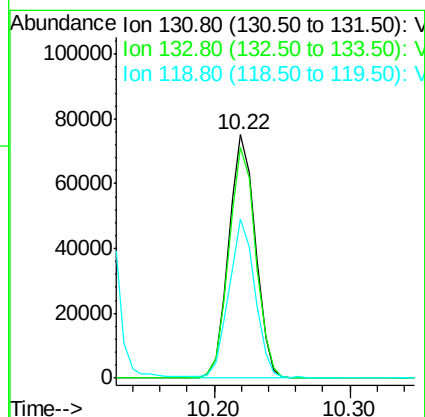
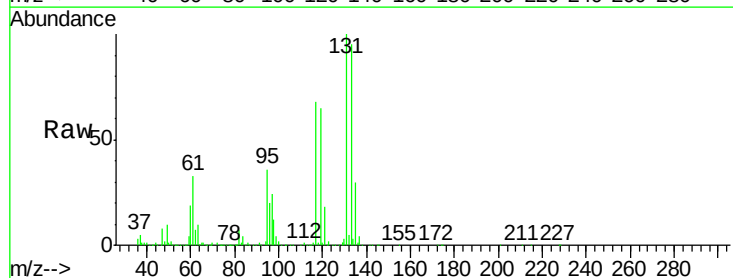
Instrument :
MSVOA_X
ClientSampleId :
VX0104WBS01

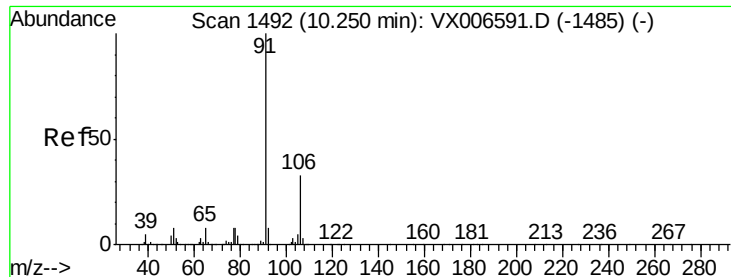
Tot Ion:112 Resp: 296554
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.390 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Tgt Ion:131 Resp: 102270
Ion Ratio Lower Upper
131 100
133 96.0 48.0 144.2
119 64.1 32.6 97.8





#67

Ethyl Benzene

Concen: 19.381 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampled :

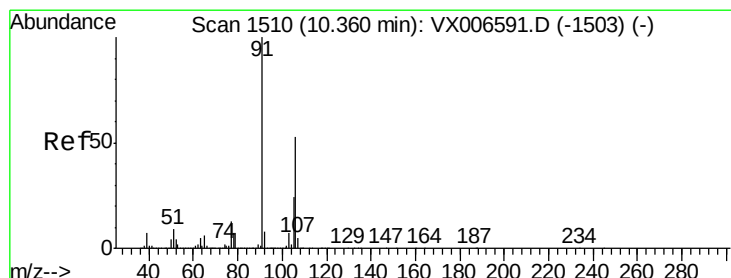
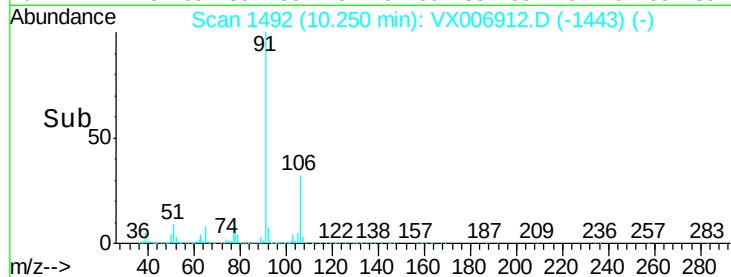
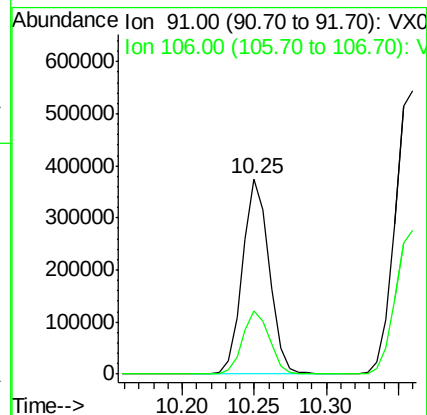
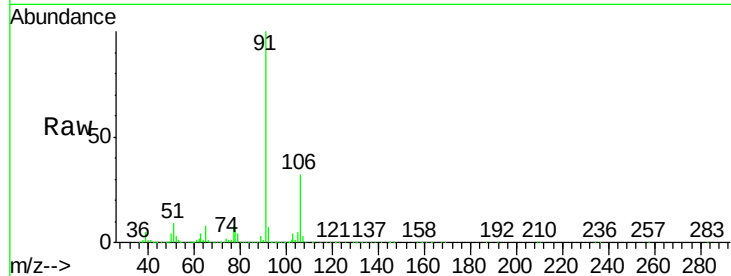
VX0104WBS01

Tot Ion: 91 Resp: 485330

Ion Ratio Lower Upper

91 100

106 32.1 26.4 39.6



#68

m/p-Xylenes

Concen: 37.797 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006912.D

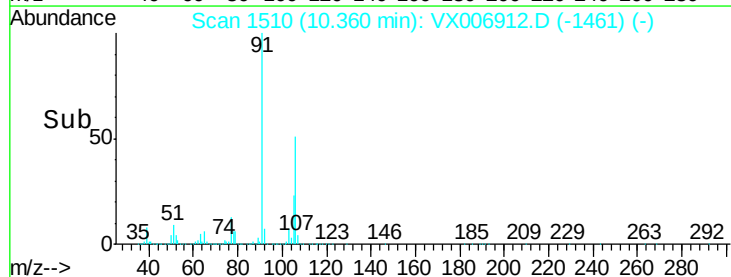
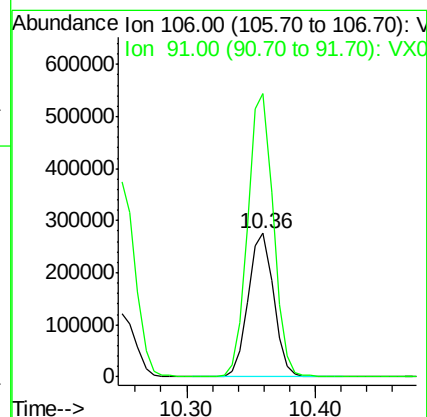
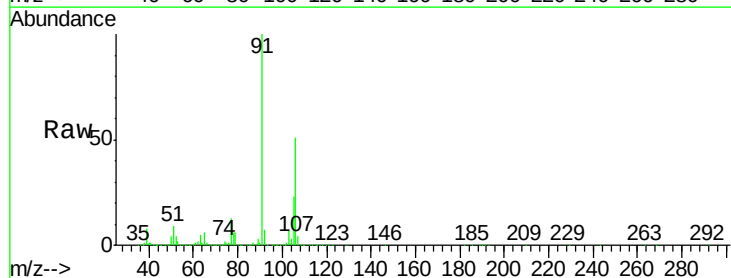
Acq: 04 Jan 2019 14:45

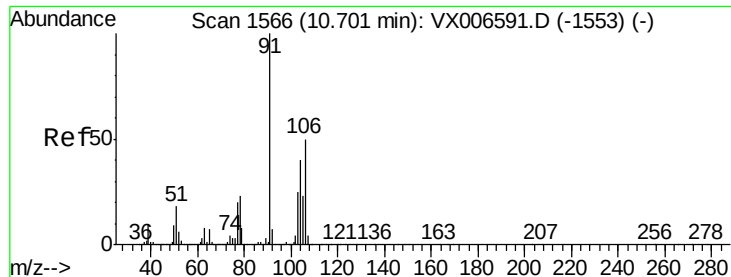
Tgt Ion: 106 Resp: 373477

Ion Ratio Lower Upper

106 100

91 198.9 155.8 233.6

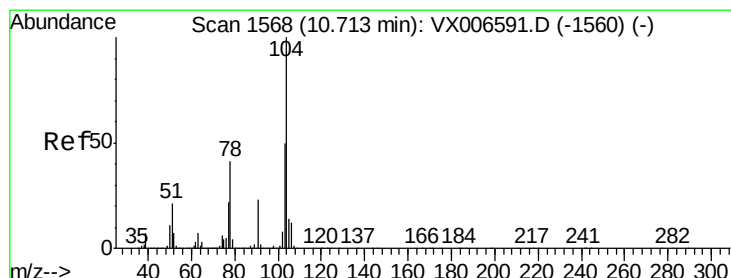
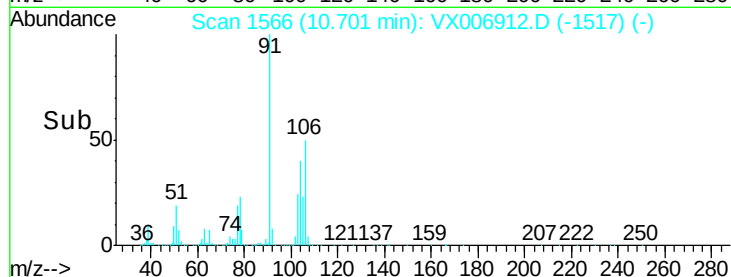
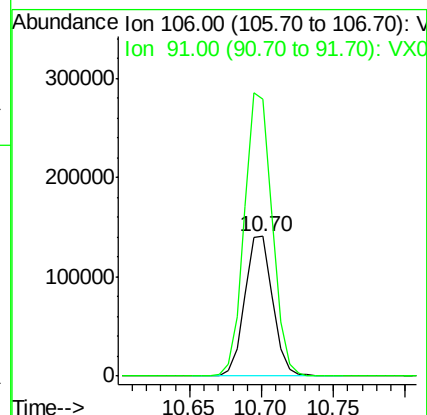
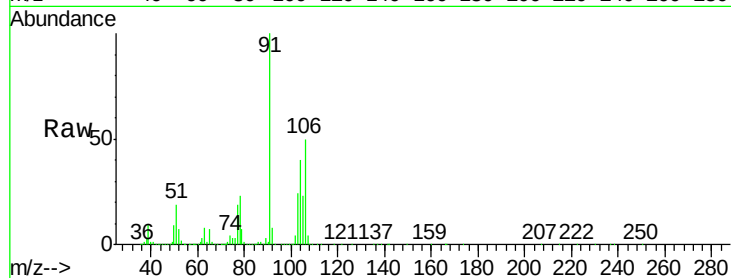




#69
o-Xylene
Concen: 19.419 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

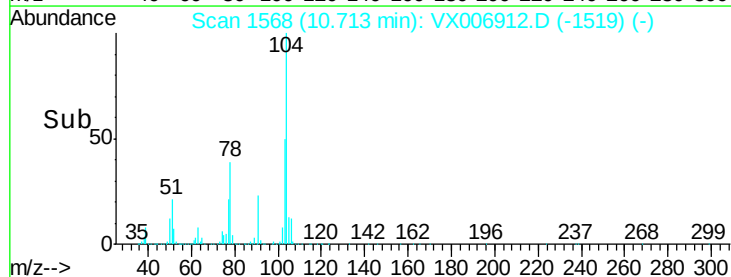
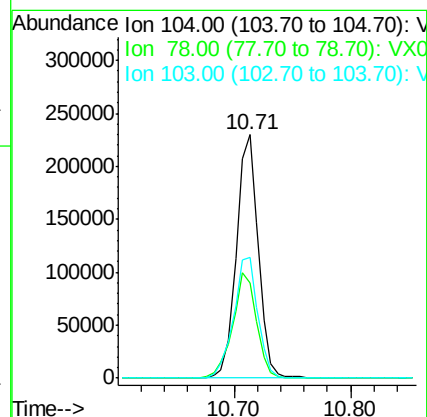
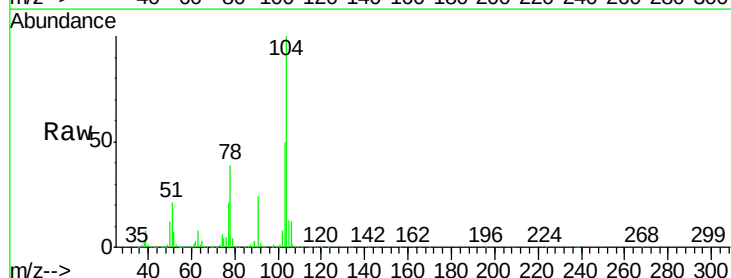
Instrument :
MSVOA_X
ClientSampleId :
VX0104WBS01

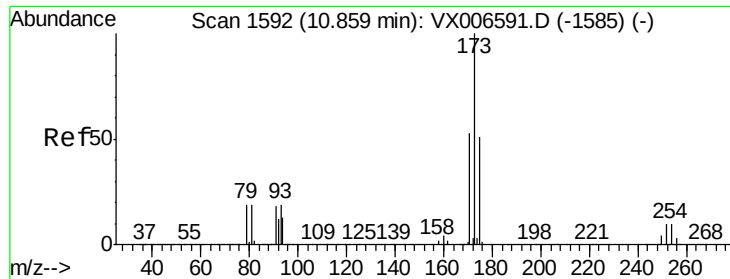
Tot Ion:106 Resp: 189476
Ion Ratio Lower Upper
106 100
91 201.8 101.3 303.7



#70
Styrene
Concen: 19.511 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Tgt Ion:104 Resp: 301185
Ion Ratio Lower Upper
104 100
78 47.4 37.7 56.5
103 55.3 43.8 65.8





#71

Bromoform

Concen: 19.223 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

VX0104WBS01

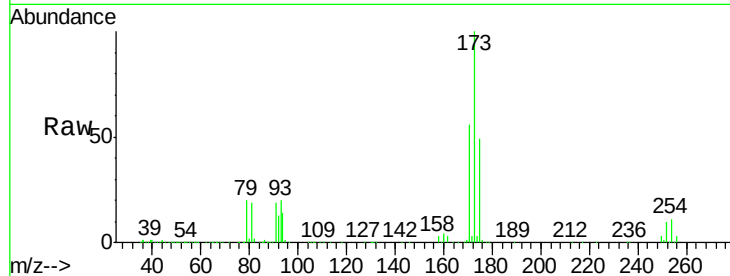
Tot Ion:173 Resp: 69905

Ion Ratio Lower Upper

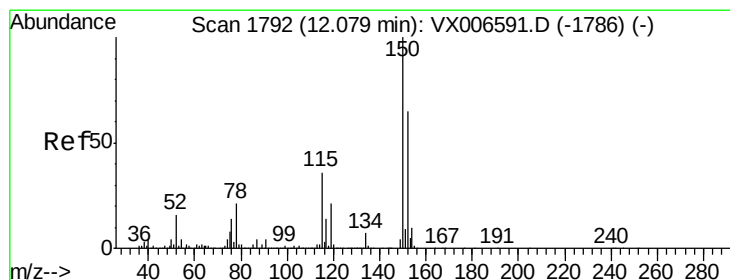
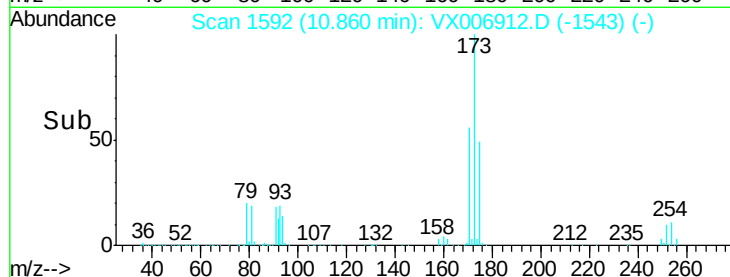
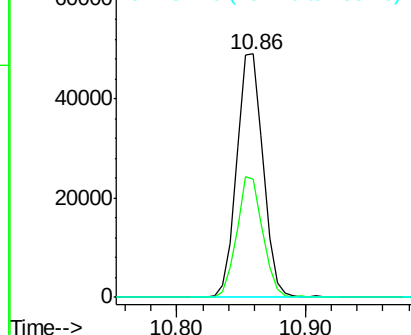
173 100

175 48.5 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: VX006912.D

Acq: 04 Jan 2019 14:45

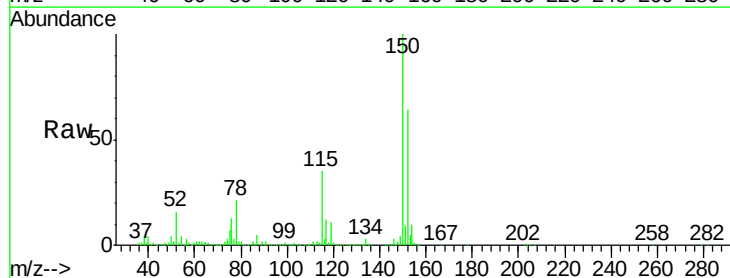
Tgt Ion:152 Resp: 369074

Ion Ratio Lower Upper

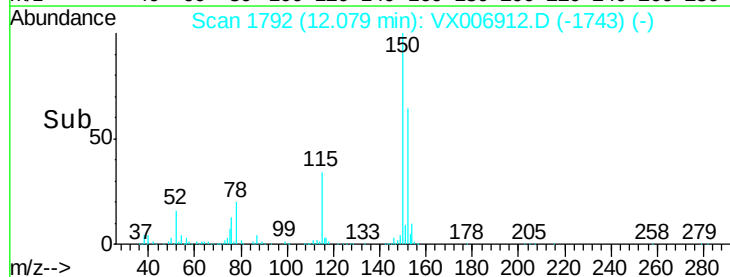
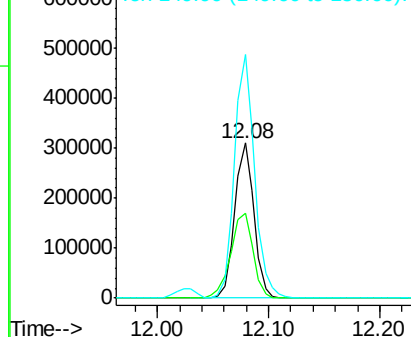
152 100

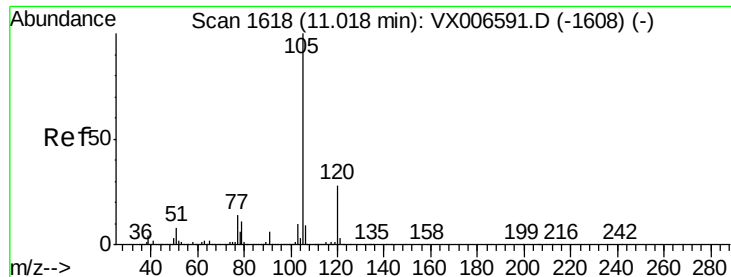
115 63.7 39.1 117.2

150 164.6 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: 19.961 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

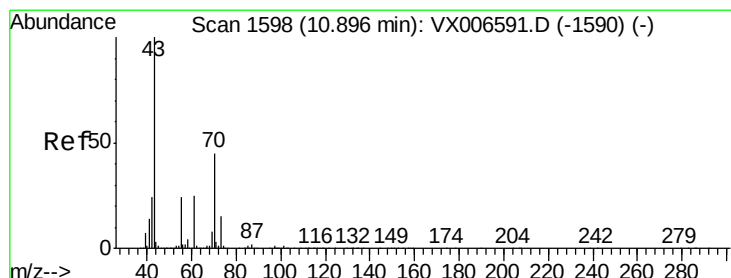
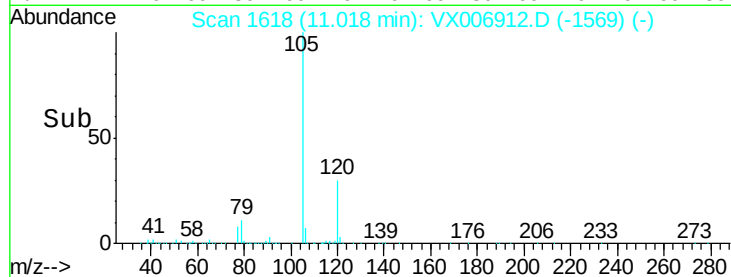
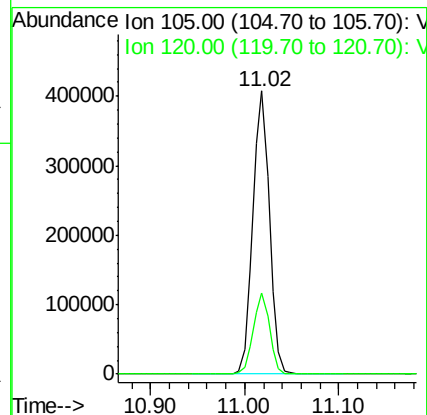
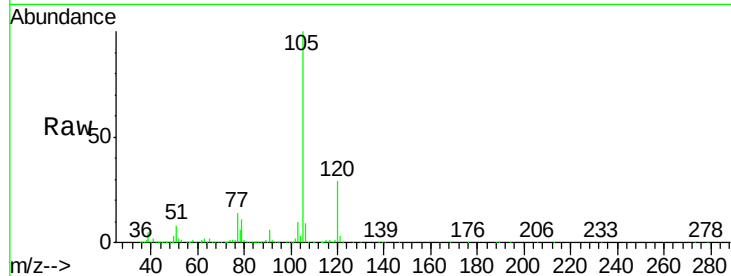
VX0104WBS01

Tot Ion:105 Resp: 503998

Ion Ratio Lower Upper

105 100

120 28.2 14.1 42.4



#74

N-ethyl acetate

Concen: 21.358 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Tgt Ion: 43 Resp: 193025

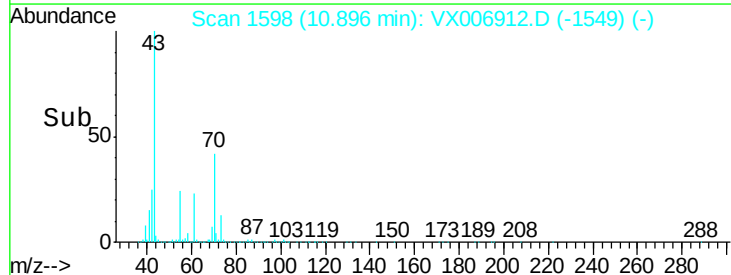
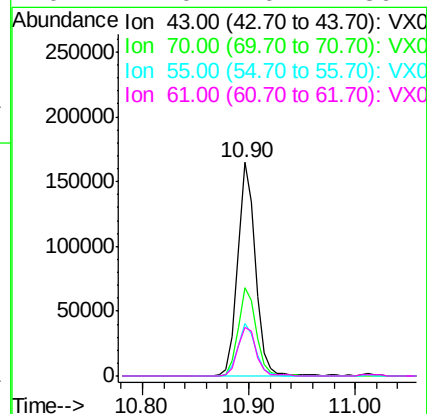
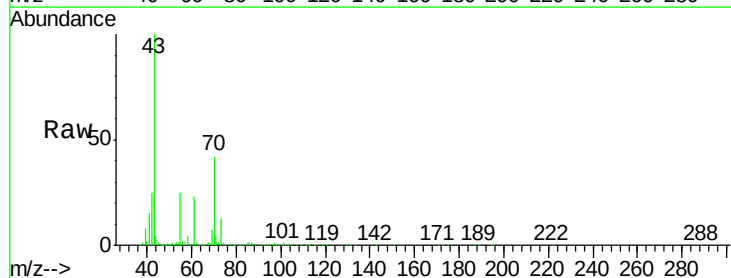
Ion Ratio Lower Upper

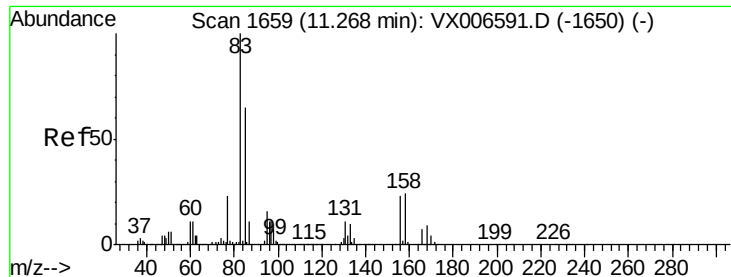
43 100

70 42.3 35.8 53.8

55 24.5 19.4 29.0

61 24.0 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.791 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

VX0104WBS01

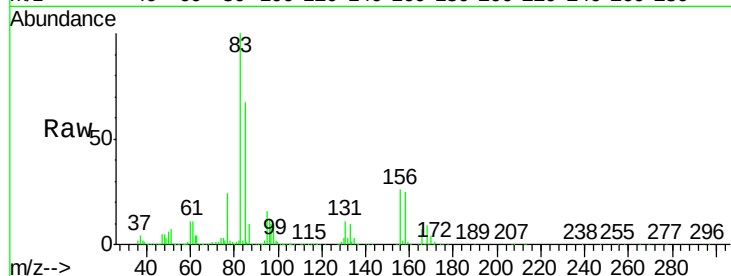
Tot Ion: 83 Resp: 156122

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.1

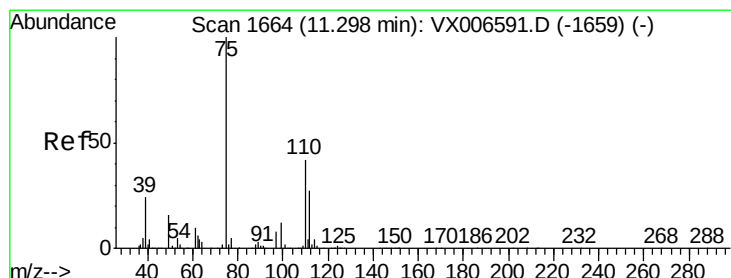
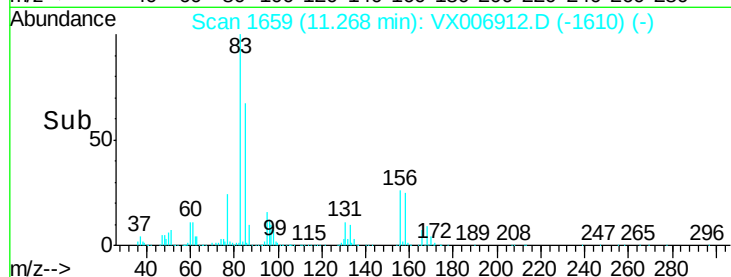
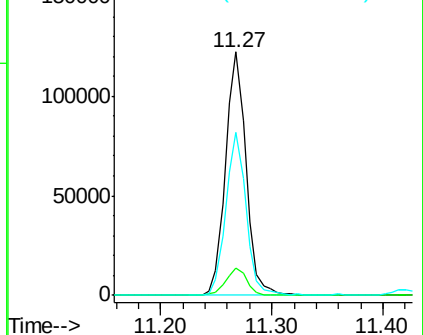
85 66.3 32.2 96.6



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: 23.942 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006912.D

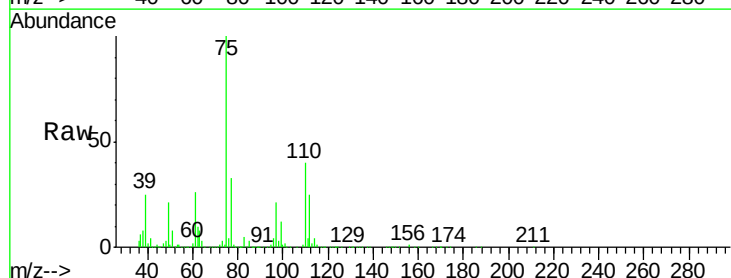
Acq: 04 Jan 2019 14:45

Tgt Ion: 75 Resp: 164214

Ion Ratio Lower Upper

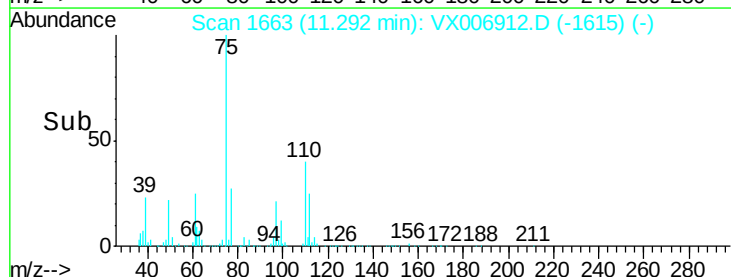
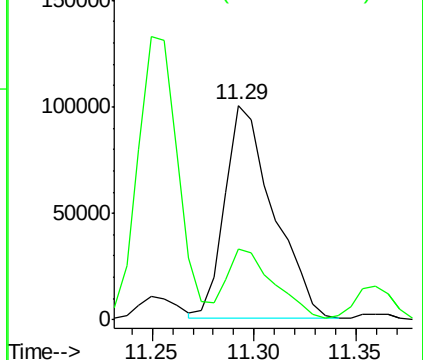
75 100

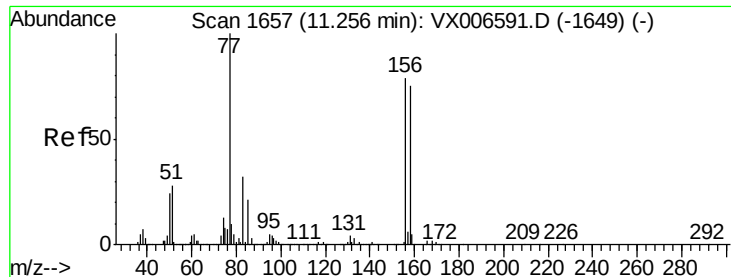
77 32.1 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.927 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

VX0104WBS01

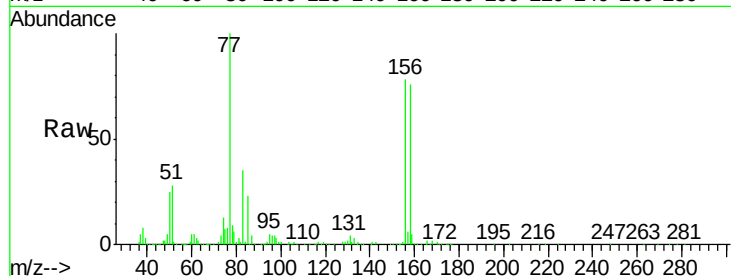
Tot Ion:156 Resp: 136026

Ion Ratio Lower Upper

156 100

77 134.4 68.0 204.0

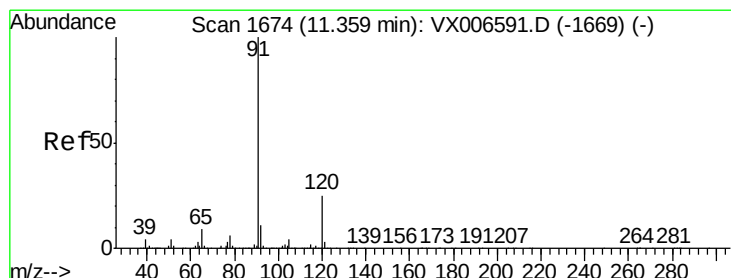
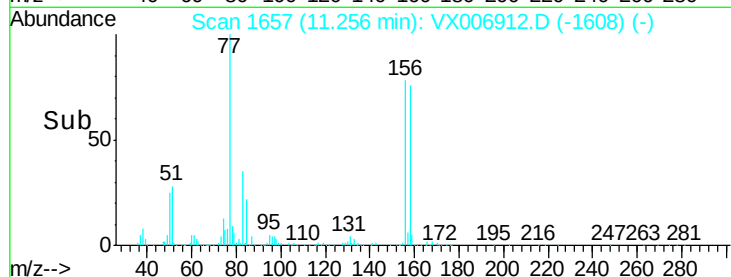
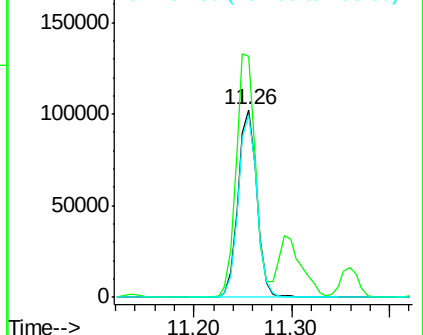
158 97.3 48.3 144.8



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: 19.963 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006912.D

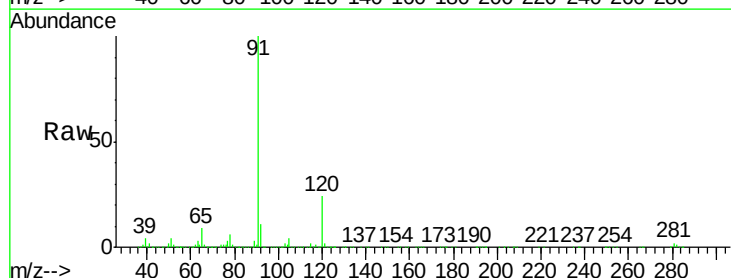
Acq: 04 Jan 2019 14:45

Tgt Ion: 91 Resp: 555068

Ion Ratio Lower Upper

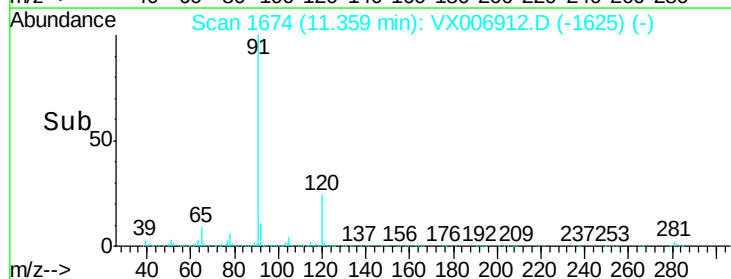
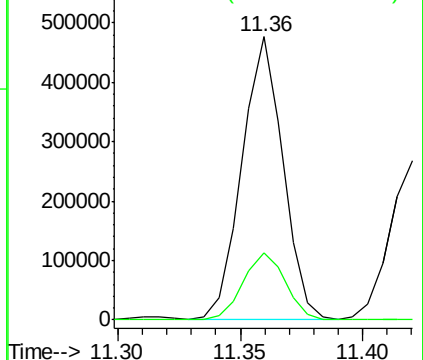
91 100

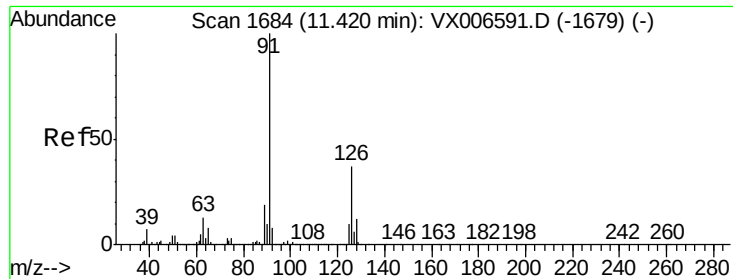
120 24.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.578 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampled :

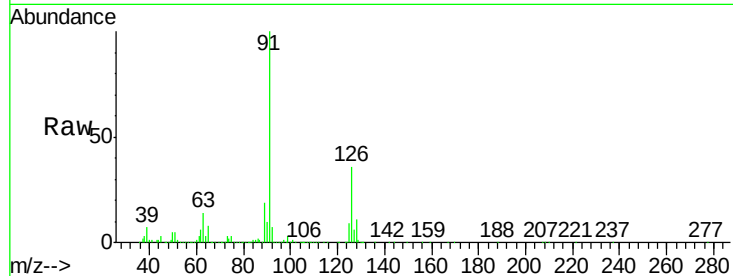
VX0104WBS01

Tot Ion: 91 Resp: 329885

Ion Ratio Lower Upper

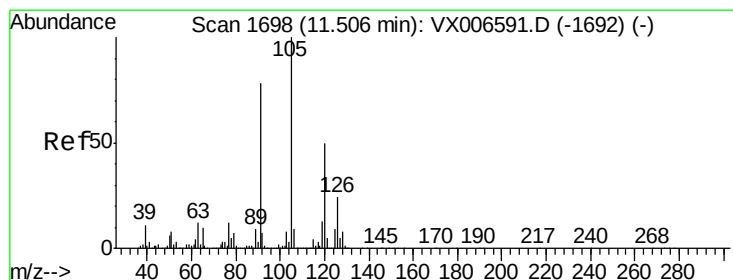
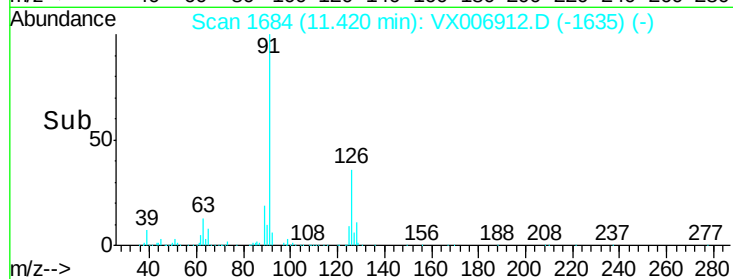
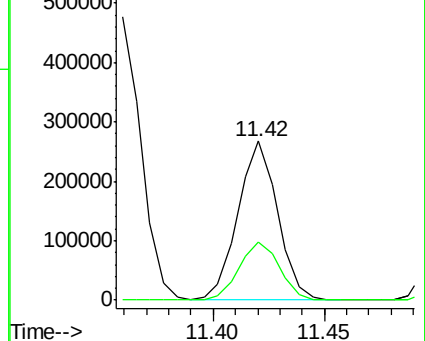
91 100

126 37.5 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.835 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006912.D

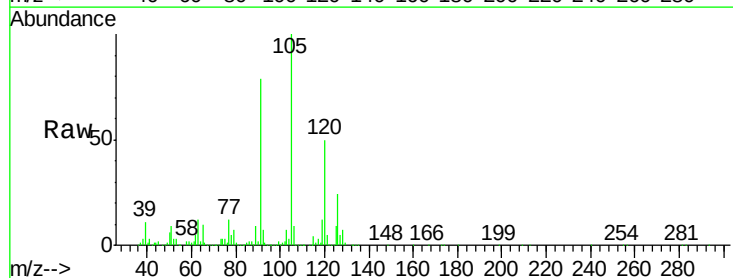
Acq: 04 Jan 2019 14:45

Tgt Ion: 105 Resp: 412508

Ion Ratio Lower Upper

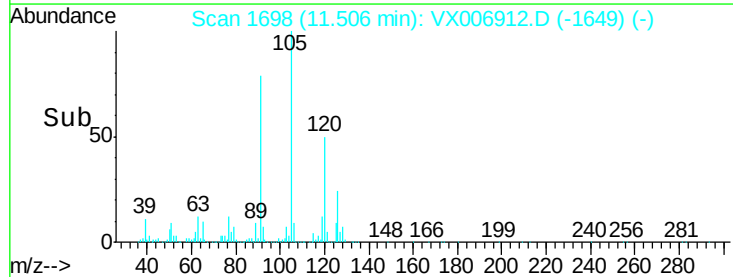
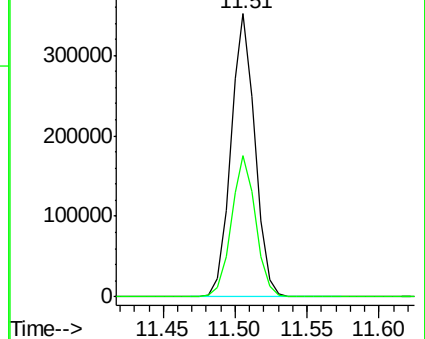
105 100

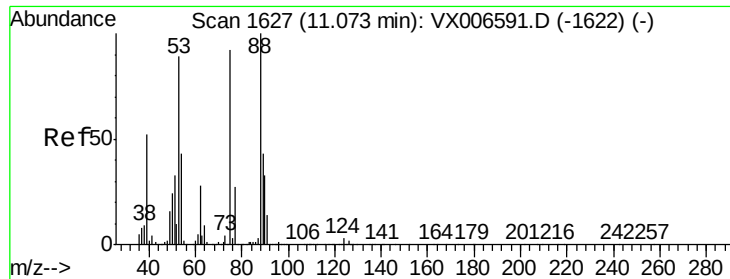
120 50.2 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.779 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

VX0104WBS01

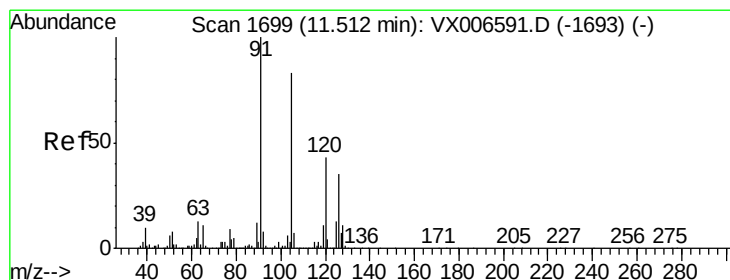
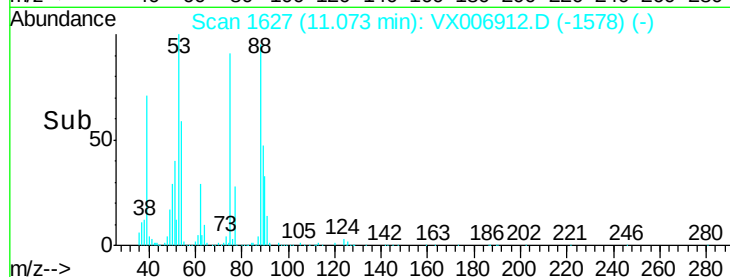
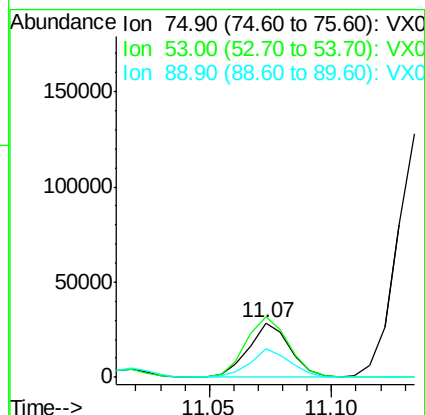
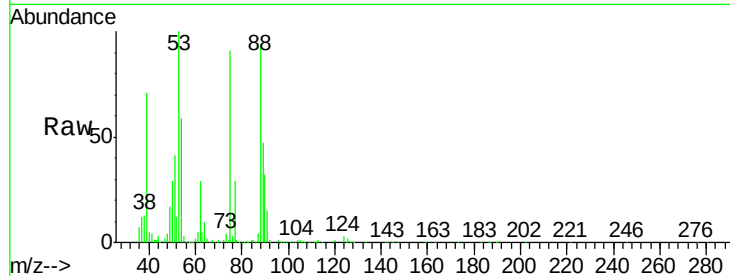
Tot Ion: 75 Resp: 33356

Ion Ratio Lower Upper

75 100

53 116.8 79.7 119.5

89 51.5 38.0 57.0



#82

4-Chlorotoluene

Concen: 19.258 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006912.D

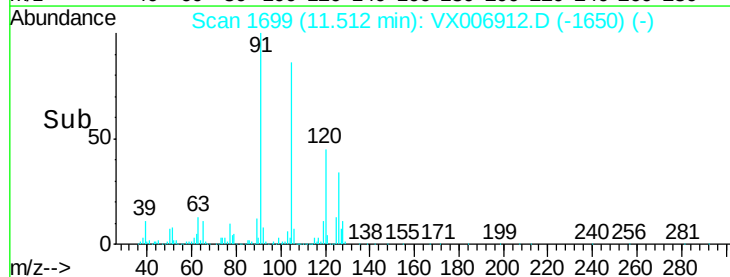
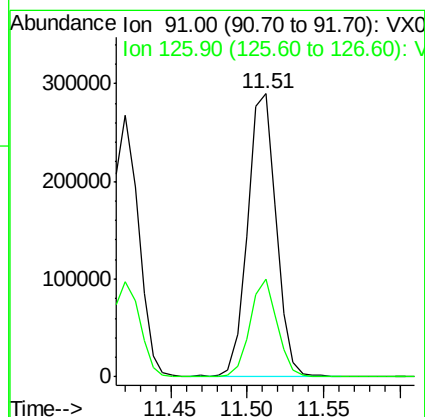
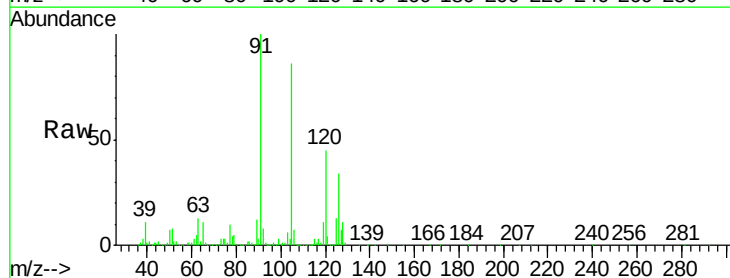
Acq: 04 Jan 2019 14:45

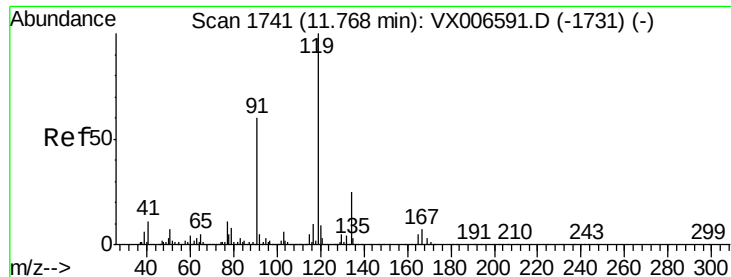
Tgt Ion: 91 Resp: 372206

Ion Ratio Lower Upper

91 100

126 33.3 16.3 48.9





#83

tert-Butylbenzene

Concen: 20.147 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

VX0104WBS01

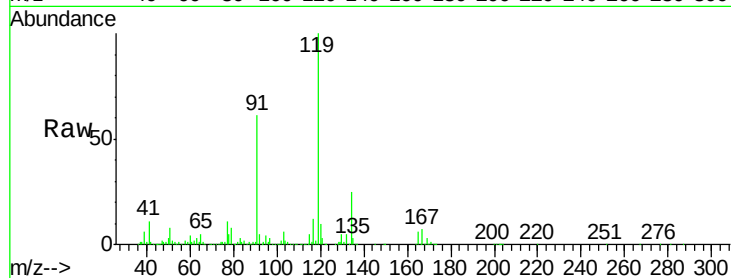
Tot Ion:119 Resp: 419342

Ion Ratio Lower Upper

119 100

91 54.9 27.7 83.1

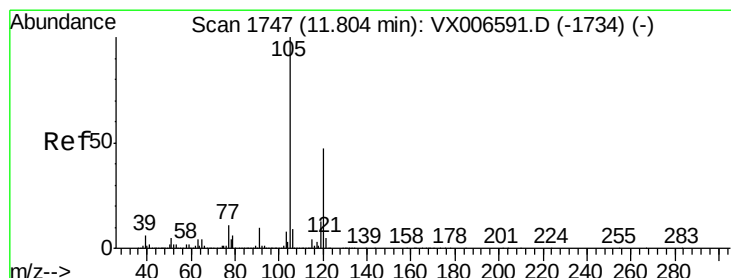
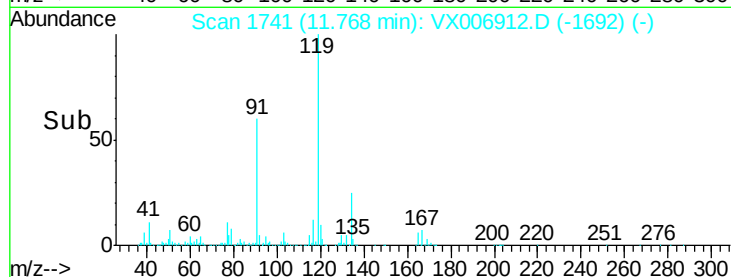
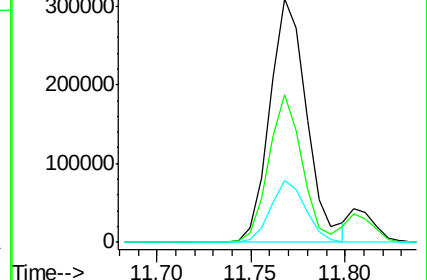
134 23.9 11.9 35.5



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: 19.305 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006912.D

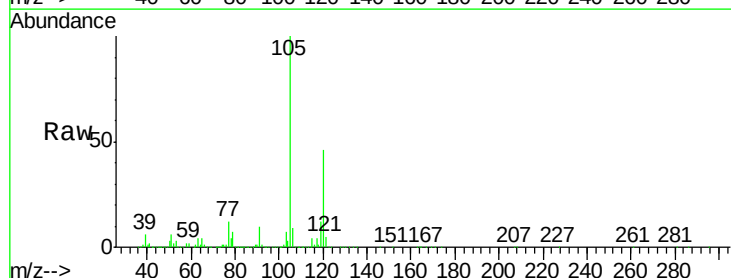
Acq: 04 Jan 2019 14:45

Tgt Ion:105 Resp: 422298

Ion Ratio Lower Upper

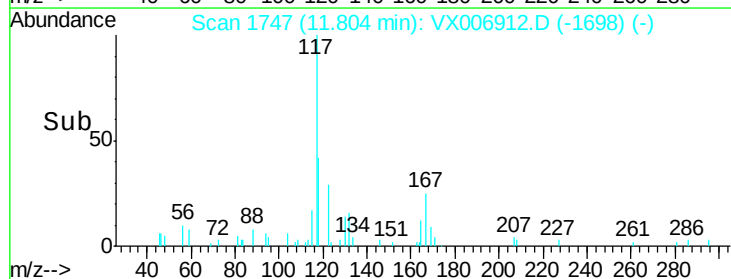
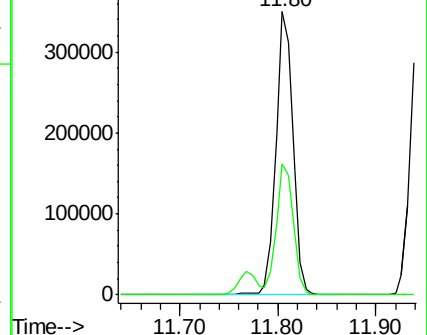
105 100

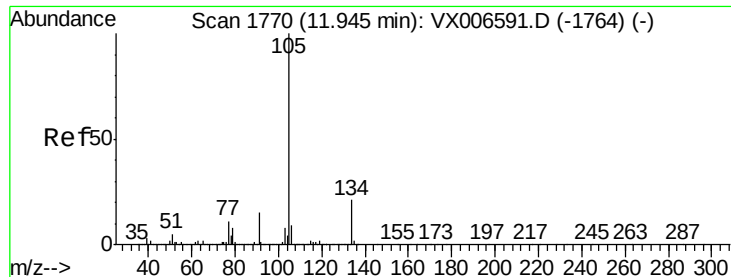
120 45.8 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.638 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

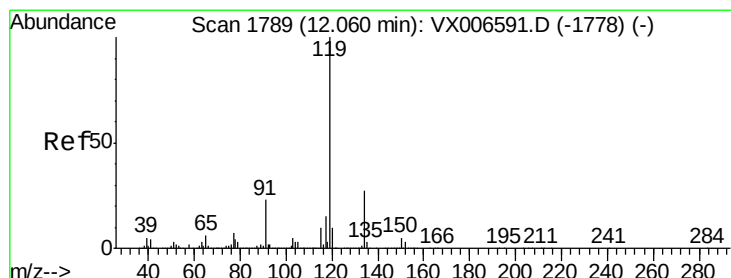
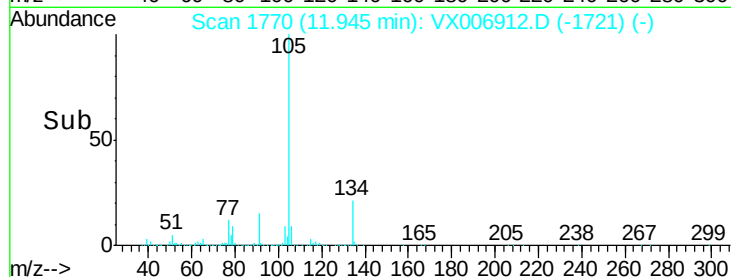
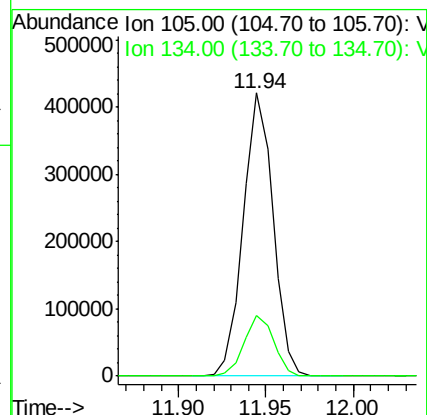
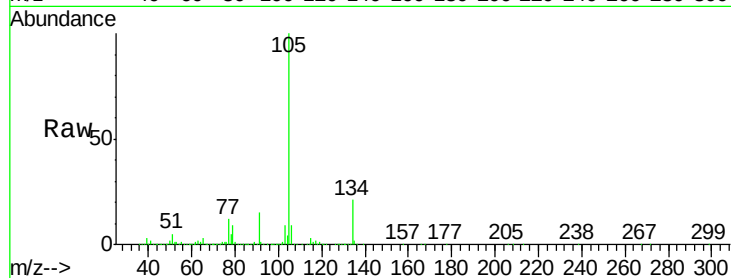
VX0104WBS01

Tot Ion:105 Resp: 501141

Ion Ratio Lower Upper

105 100

134 21.3 10.7 31.9



#86

p-Isopropyltoluene

Concen: 20.049 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

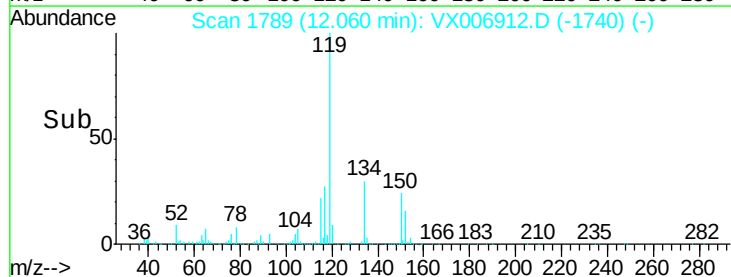
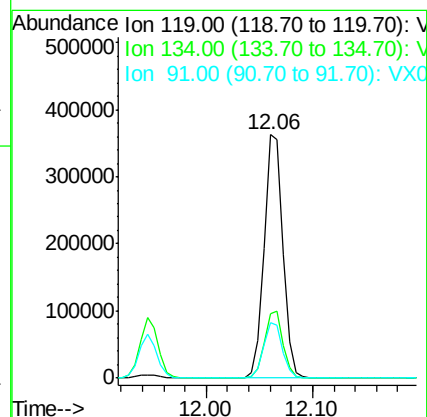
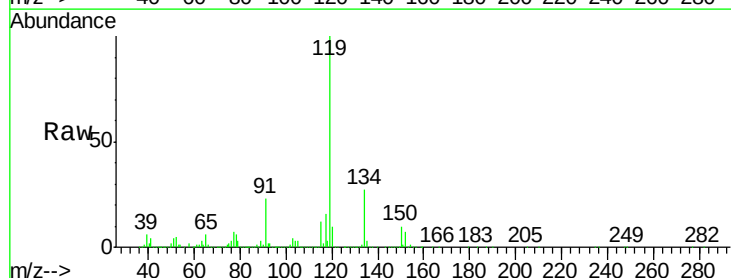
Tgt Ion:119 Resp: 449753

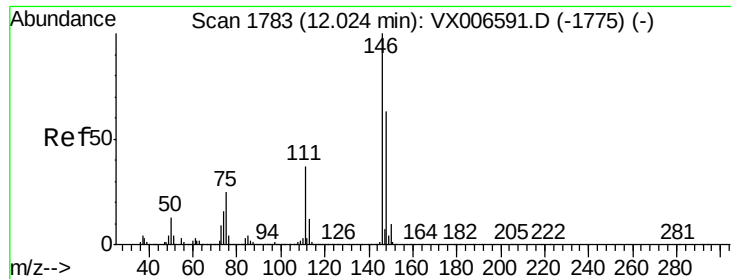
Ion Ratio Lower Upper

119 100

134 27.2 14.0 41.9

91 22.8 11.3 33.9

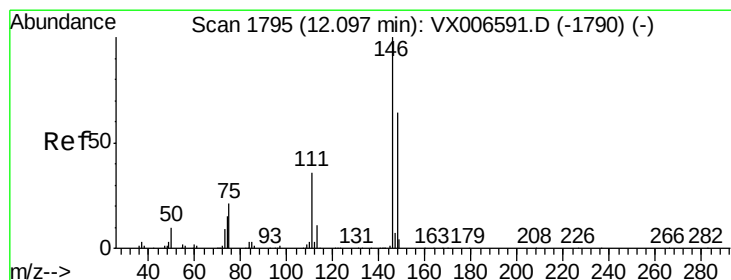
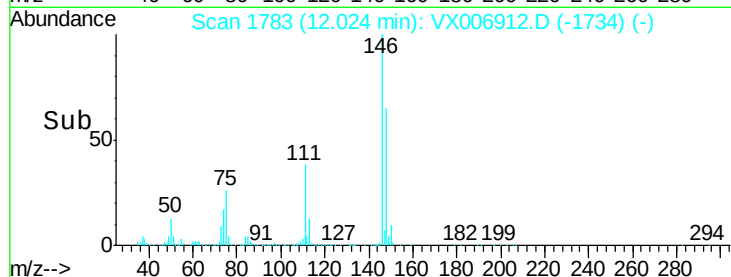
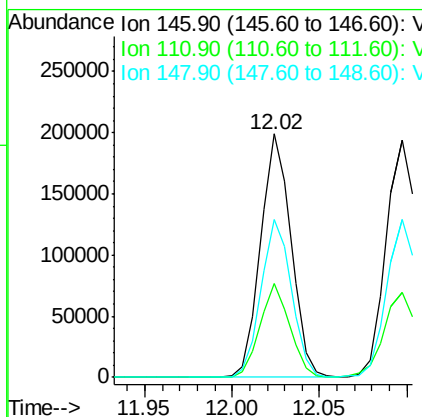
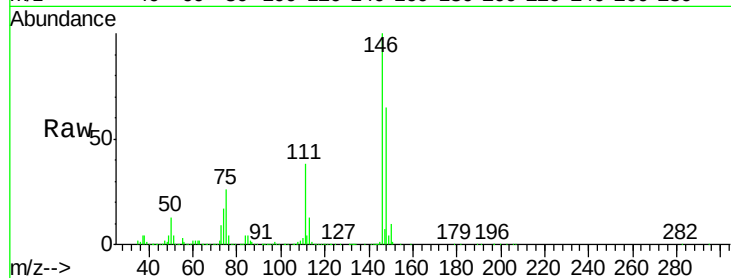




#87
 1,3-Dichlorobenzene
 Concen: 19.590 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006912.D
 Acq: 04 Jan 2019 14:45

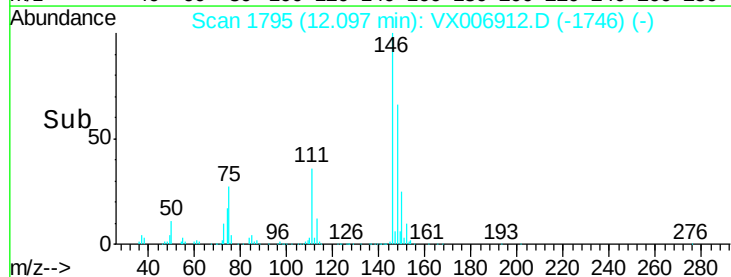
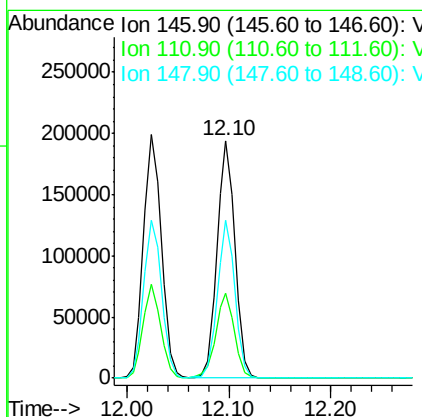
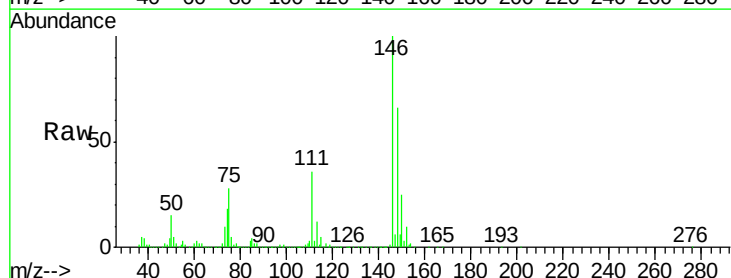
Instrument :
 MSVOA_X
 ClientSampled :
 VX0104WBS01

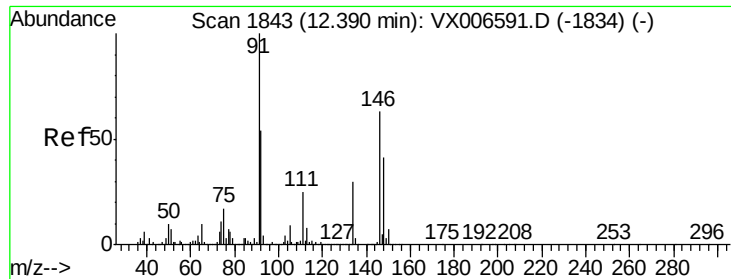
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	55.8
148	65.0	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.212 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006912.D
 Acq: 04 Jan 2019 14:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.1
148	64.9	31.9	95.9

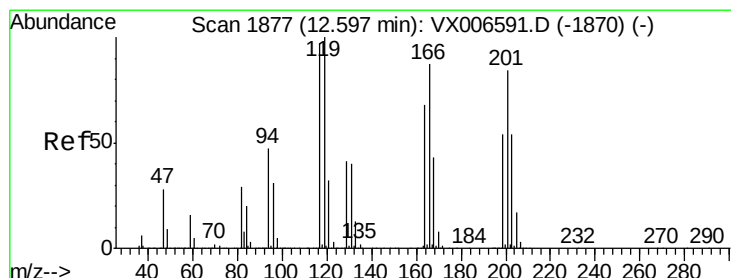
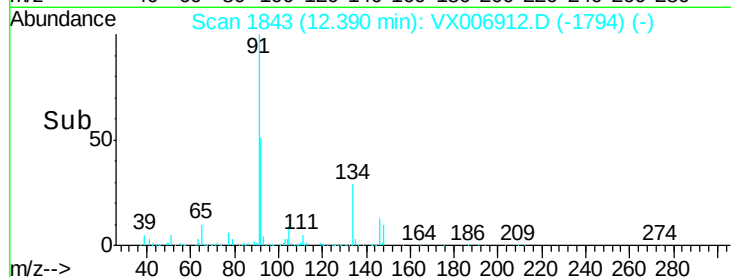
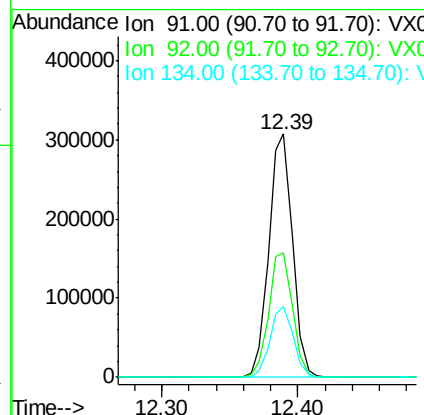
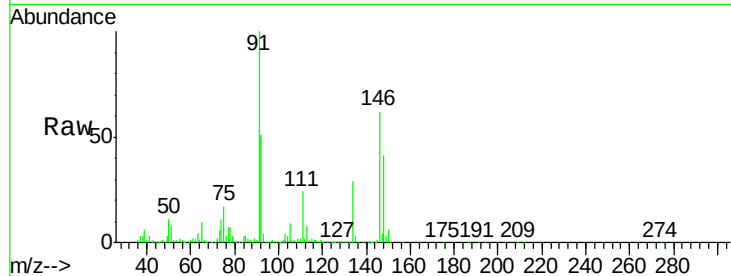




#89
n-Butylbenzene
Concen: 19.748 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

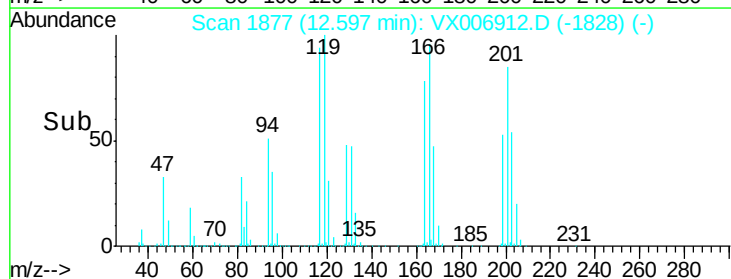
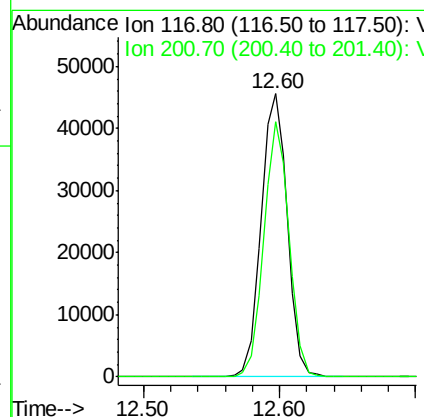
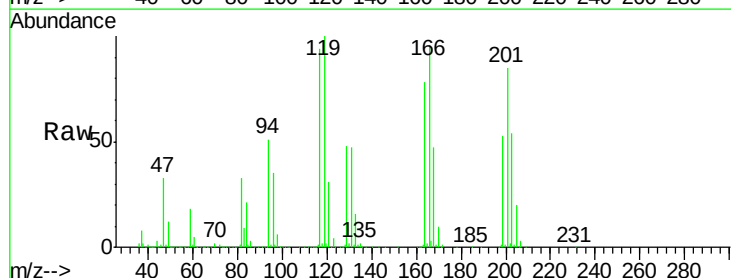
Instrument :
MSVOA_X
ClientSampleId :
VX0104WBS01

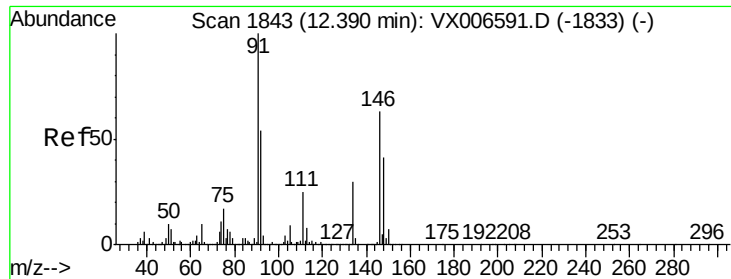
Tot Ion: 91 Resp: 377015
Ion Ratio Lower Upper
91 100
92 51.5 26.8 80.4
134 28.7 14.4 43.2



#90
Hexachloroethane
Concen: 19.698 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Tgt Ion: 117 Resp: 61655
Ion Ratio Lower Upper
117 100
201 86.6 42.9 128.7

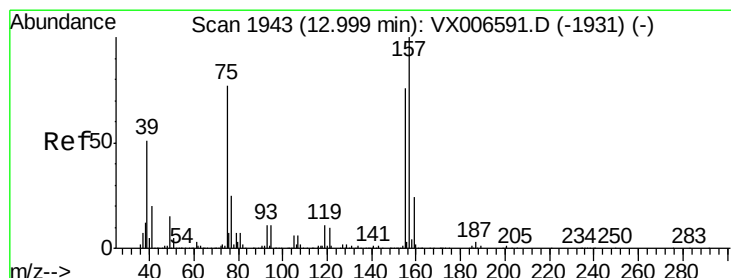
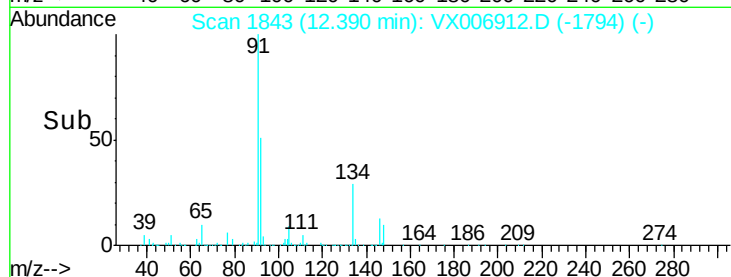
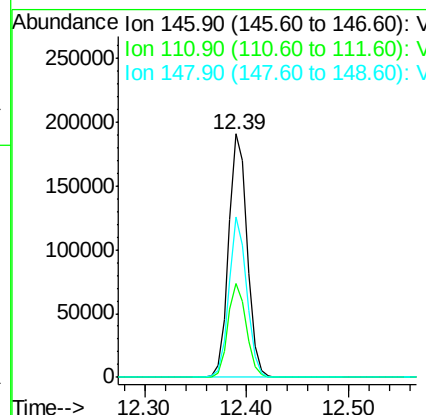
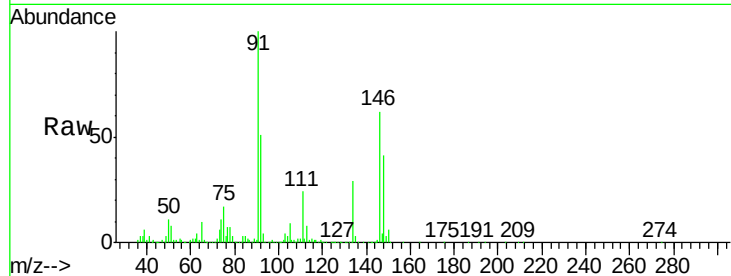




#91
 1,2-Dichlorobenzene
 Concen: 19.531 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006912.D
 Acq: 04 Jan 2019 14:45

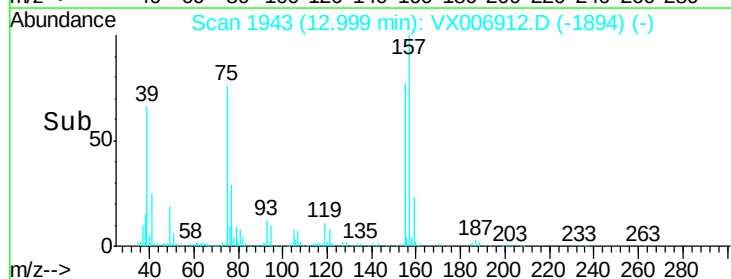
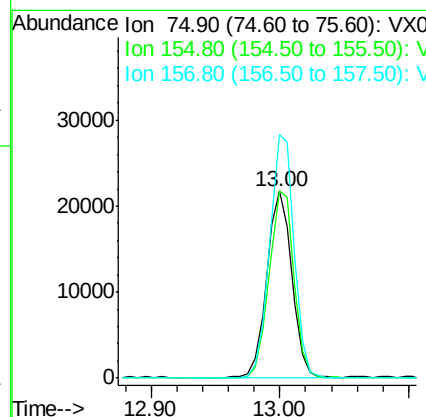
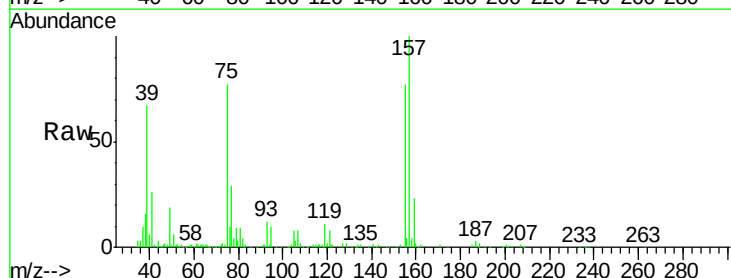
Instrument :
 MSVOA_X
 ClientSampled :
 VX0104WBS01

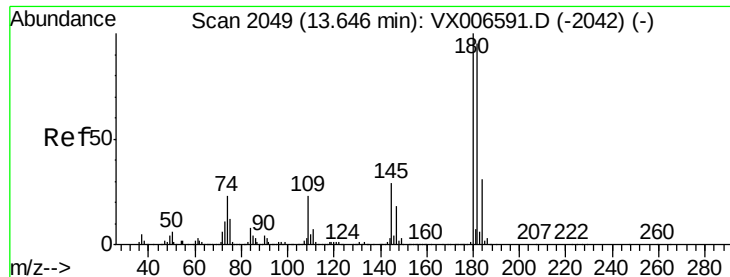
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.4	58.2
148	63.1	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.923 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006912.D
 Acq: 04 Jan 2019 14:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.5	50.6	151.8
157	126.6	64.6	193.8

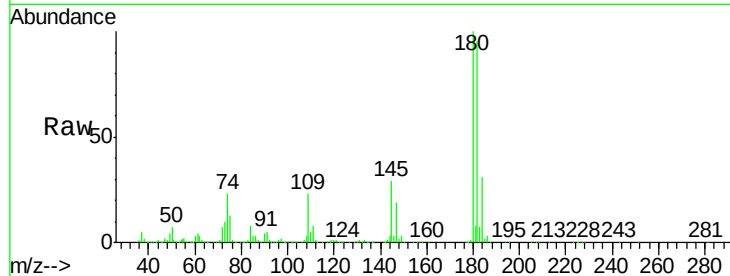




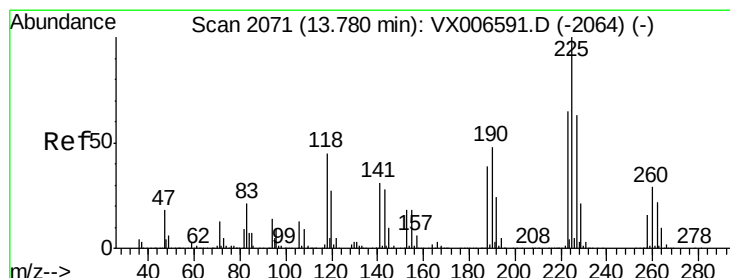
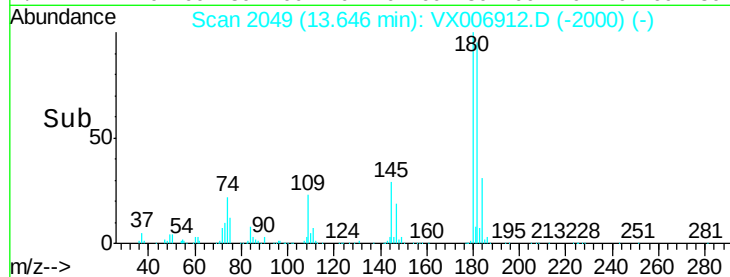
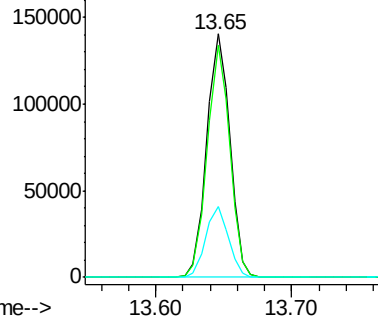
#93
 1,2,4-Trichlorobenzene
 Concen: 19.669 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006912.D
 Acq: 04 Jan 2019 14:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0104WBS01

Tot Ion:180 Resp: 166975
 Ion Ratio Lower Upper
 180 100
 182 92.8 47.3 142.0
 145 28.6 14.8 44.3

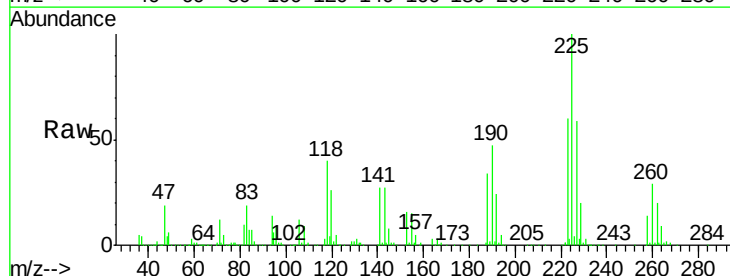


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

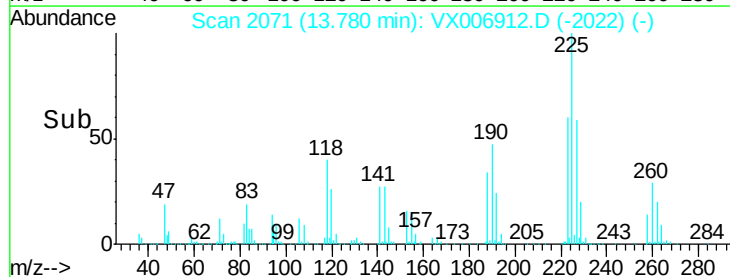
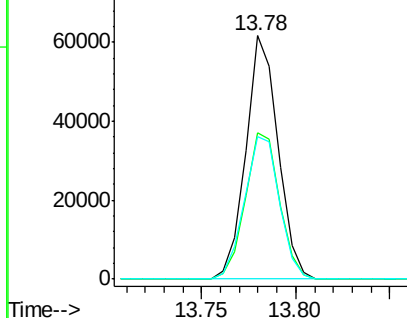


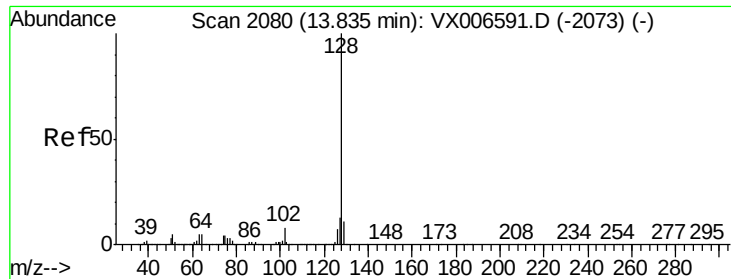
#94
 Hexachlorobutadiene
 Concen: 18.273 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX006912.D
 Acq: 04 Jan 2019 14:45

Tgt Ion:225 Resp: 73114
 Ion Ratio Lower Upper
 225 100
 223 63.9 32.1 96.3
 227 63.6 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: 18.714 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

VX0104WBS01

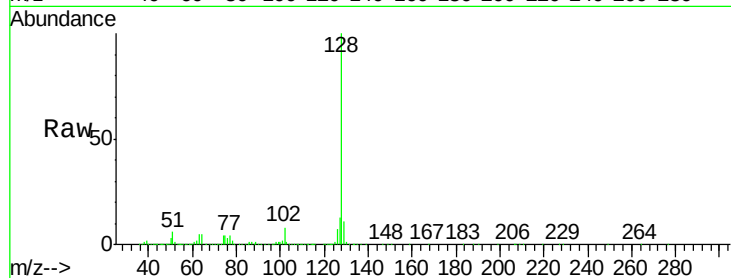
Tot Ion:128 Resp: 507033

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

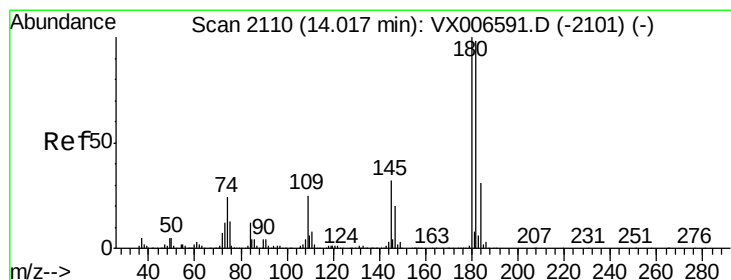
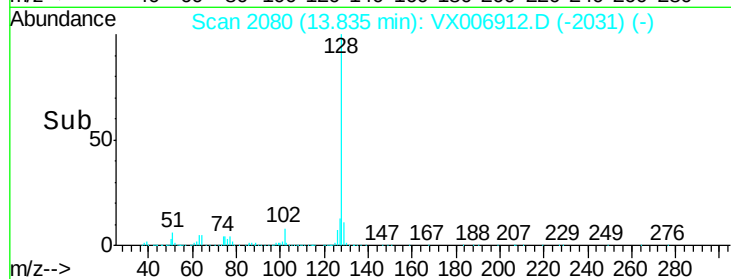
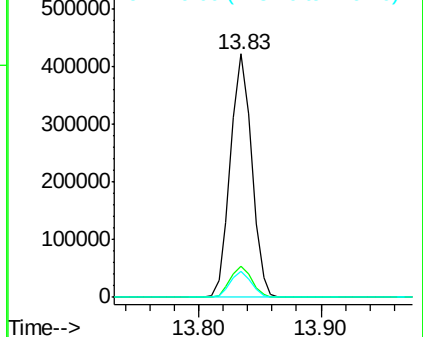
129 10.8 8.6 13.0



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: 18.564 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

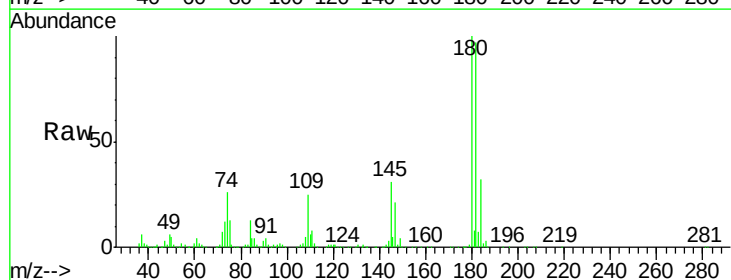
Tgt Ion:180 Resp: 162715

Ion Ratio Lower Upper

180 100

182 97.0 48.5 145.5

145 31.0 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

