

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022519\
 Data File : VX007671.D
 Acq On : 25 Feb 2019 14:07
 Operator : JC/SP
 Sample : VX0225WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBS01

Quant Time: Feb 26 02:17:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	361806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	573959	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	515804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	245344	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	209872	46.83	ug/l	0.00
Spiked Amount			Recovery	=	93.66%	
35) Dibromofluoromethane	5.51	113	184789	48.16	ug/l	0.00
Spiked Amount			Recovery	=	96.32%	
50) Toluene-d8	8.71	98	694050	47.25	ug/l	0.00
Spiked Amount			Recovery	=	94.50%	
62) 4-Bromofluorobenzene	11.13	95	241878	44.87	ug/l	0.00
Spiked Amount			Recovery	=	89.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	70579	21.176	ug/l	96
3) Chloromethane	1.33	50	73389	19.870	ug/l	98
4) Vinyl Chloride	1.41	62	76041	20.068	ug/l	99
5) Bromomethane	1.64	94	51992	20.877	ug/l	99
6) Chloroethane	1.73	64	47040	19.431	ug/l	97
7) Trichlorofluoromethane	1.93	101	114102	19.643	ug/l	98
8) Diethyl Ether	2.19	74	46446	19.482	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	68205	19.426	ug/l	93
10) Methyl Iodide	2.51	142	83790	19.166	ug/l	97
11) Tert butyl alcohol	3.07	59	87404	102.789	ug/l	99
12) 1,1-Dichloroethene	2.38	96	65618	20.734	ug/l	98
13) Acrolein	2.29	56	72612	96.098	ug/l	97
14) Allyl chloride	2.73	41	115109	19.671	ug/l	96
15) Acrylonitrile	3.15	53	206420	103.155	ug/l	99
16) Acetone	2.45	43	193952	97.317	ug/l	98
17) Carbon Disulfide	2.57	76	170996	19.421	ug/l	100
18) Methyl Acetate	2.78	43	86020	19.780	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	221802	20.126	ug/l	100
20) Methylene Chloride	2.86	84	72270	19.638	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	69071	20.076	ug/l	96
22) Diisopropyl ether	3.87	45	240394	19.734	ug/l	96
23) Vinyl Acetate	3.82	43	1053409	98.563	ug/l	100
24) 1,1-Dichloroethane	3.70	63	130953	19.780	ug/l	99
25) 2-Butanone	4.70	43	305302	100.566	ug/l	100
26) 2,2-Dichloropropane	4.59	77	98402	18.620	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	87045	19.883	ug/l	98
28) Bromochloromethane	5.02	49	57234	17.758	ug/l	94
29) Tetrahydrofuran	5.15	42	198770	99.328	ug/l	99
30) Chloroform	5.21	83	137744	19.423	ug/l	98
31) Cyclohexane	5.57	56	119165	19.135	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	113621	19.373	ug/l	98
36) 1,1-Dichloropropene	5.80	75	98705	19.129	ug/l	98
37) Ethyl Acetate	4.85	43	111729	19.492	ug/l	98
38) Carbon Tetrachloride	5.78	117	99097	19.118	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	124118	19.032	ug/l	100
40) Benzene	6.14	78	323082	20.283	ug/l	97
41) Methacrylonitrile	5.06	41	61372	20.051	ug/l	99
42) 1,2-Dichloroethane	6.20	62	103337	19.301	ug/l	98
43) Isopropyl Acetate	6.46	43	174432	19.773	ug/l	99
44) Trichloroethene	7.21	130	86769	19.802	ug/l	98
45) 1,2-Dichloropropane	7.52	63	81950	19.861	ug/l	99
46) Dibromomethane	7.66	93	55364	19.233	ug/l	92
47) Bromodichloromethane	7.90	83	94724	18.988	ug/l	99
48) Methyl methacrylate	7.77	41	89864	19.433	ug/l	98
49) 1,4-Dioxane	7.75	88	40965	410.155	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	595787	100.892	ug/l	100
52) Toluene	8.78	92	197571	19.669	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	104314	18.680	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	117977	19.488	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	82780	19.763	ug/l	99
56) Ethyl methacrylate	9.18	69	117530	19.731	ug/l	99
57) 1,3-Dichloropropane	9.37	76	134927	20.123	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	313860	95.551	ug/l	99
59) 2-Hexanone	9.49	43	462690	99.801	ug/l	100
60) Dibromochloromethane	9.58	129	76122	18.887	ug/l	98
61) 1,2-Dibromoethane	9.67	107	87230	20.058	ug/l	99
64) Tetrachloroethene	9.34	164	83715	19.992	ug/l	92
65) Chlorobenzene	10.14	112	218087	19.549	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	75818	19.483	ug/l	98
67) Ethyl Benzene	10.25	91	362704	19.627	ug/l	100
68) m/p-Xylenes	10.36	106	281506	39.156	ug/l	99
69) o-Xylene	10.69	106	137689	19.911	ug/l	98
70) Styrene	10.71	104	220267	19.378	ug/l	99
71) Bromoform	10.85	173	52038	17.833	ug/l	99
73) Isopropylbenzene	11.02	105	364429	20.783	ug/l	100
74) N-amyl acetate	10.90	43	155306	20.395	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	123360	20.340	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	139736	26.720	ug/l	79
77) Bromobenzene	11.26	156	93413	21.239	ug/l	93
78) n-propylbenzene	11.36	91	405565	20.468	ug/l	98
79) 2-Chlorotoluene	11.42	91	244573	20.499	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	292130	20.254	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	33540	19.161	ug/l	94
82) 4-Chlorotoluene	11.51	91	280578	20.103	ug/l	99
83) tert-Butylbenzene	11.77	119	284416	20.537	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	306881	20.800	ug/l	98
85) sec-Butylbenzene	11.94	105	355095	20.462	ug/l	98
86) p-Isopropyltoluene	12.06	119	310316	20.418	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	164364	20.147	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	165138	19.765	ug/l	98
89) n-Butylbenzene	12.39	91	267436	19.731	ug/l	99
90) Hexachloroethane	12.60	117	49100	19.174	ug/l	86
91) 1,2-Dichlorobenzene	12.39	146	163666	20.050	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	25792	19.518	ug/l	82

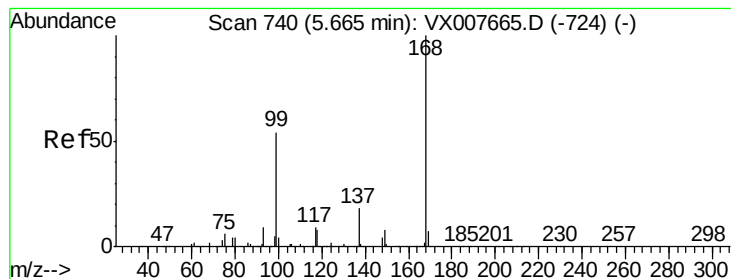
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022519\
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QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	100375	20.145	ug/l	98
94) Hexachlorobutadiene	13.78	225	46664	20.472	ug/l	98
95) Naphthalene	13.83	128	339937	21.058	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	102406	20.469	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

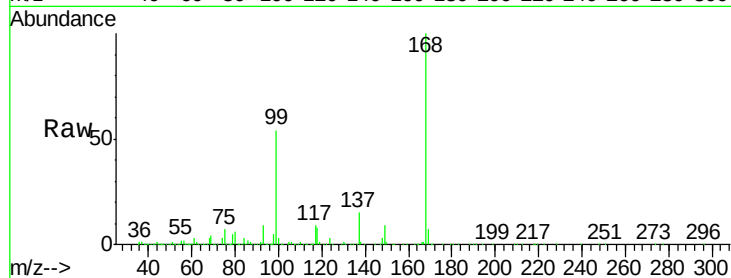
VX0225WBS01

Tot Ion:168 Resp: 361806

Ion Ratio Lower Upper

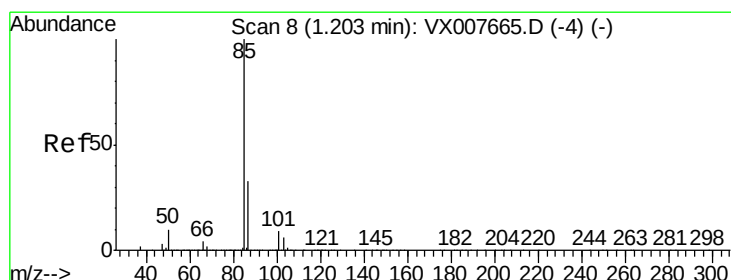
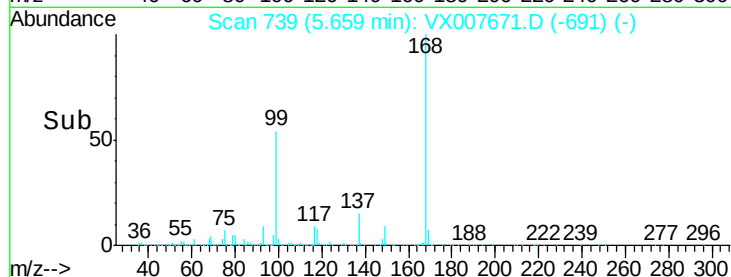
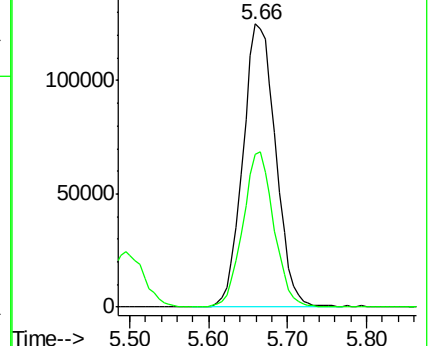
168 100

99 54.1 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.176 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007671.D

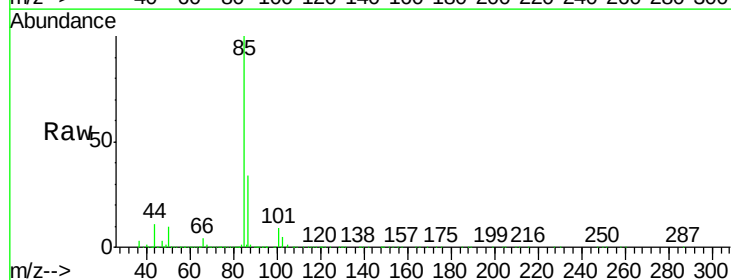
Acq: 25 Feb 2019 14:07

Tgt Ion: 85 Resp: 70579

Ion Ratio Lower Upper

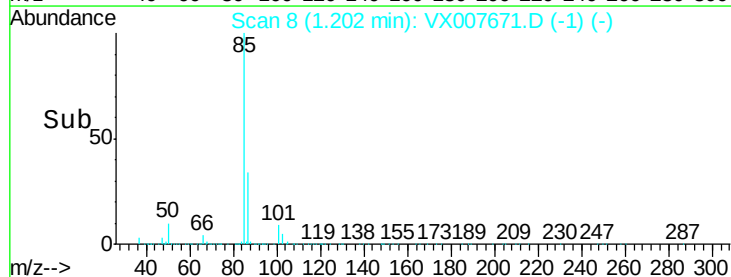
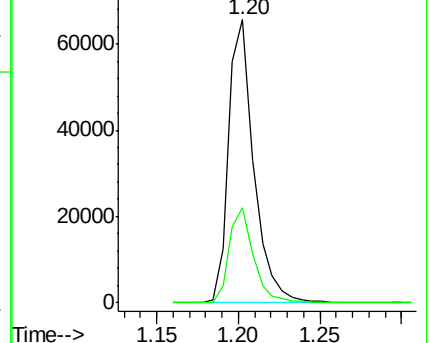
85 100

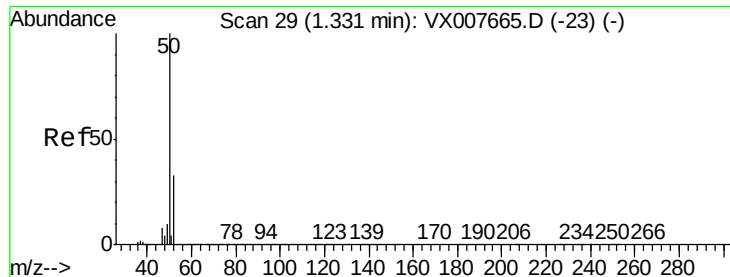
87 33.7 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.870 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

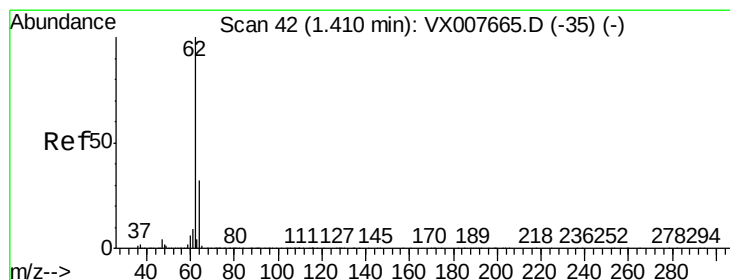
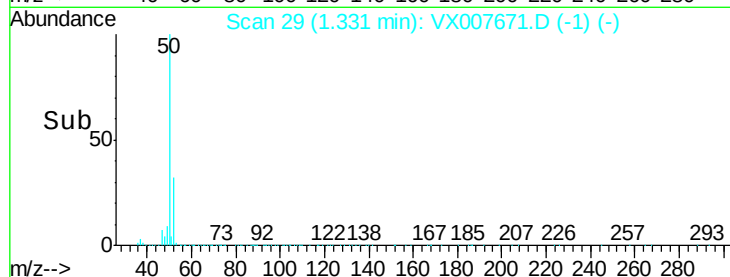
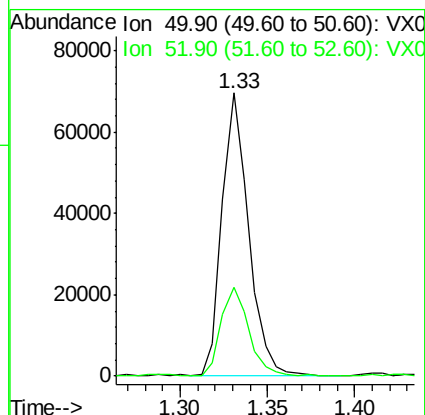
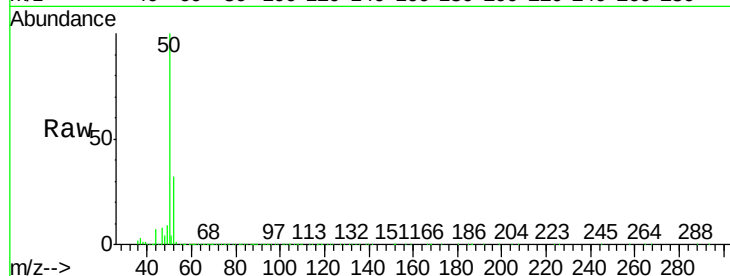
VX0225WBS01

Tot Ion: 50 Resp: 73389

Ion Ratio Lower Upper

50 100

52 31.4 26.1 39.1



#4

Vinyl Chloride

Concen: 20.068 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007671.D

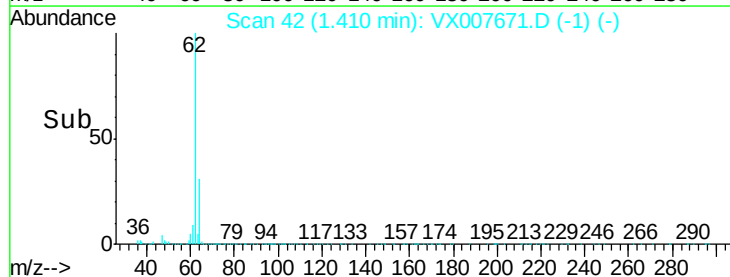
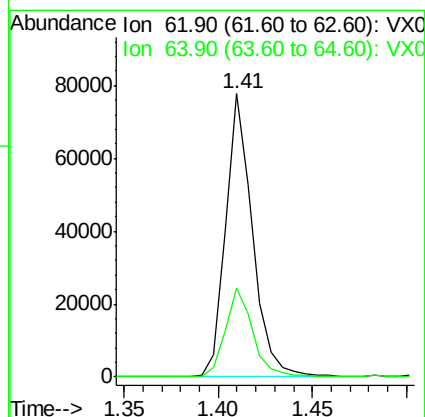
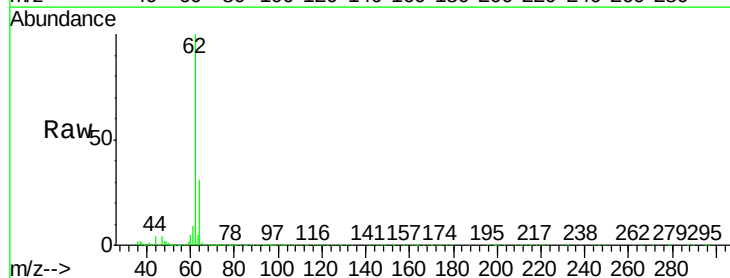
Acq: 25 Feb 2019 14:07

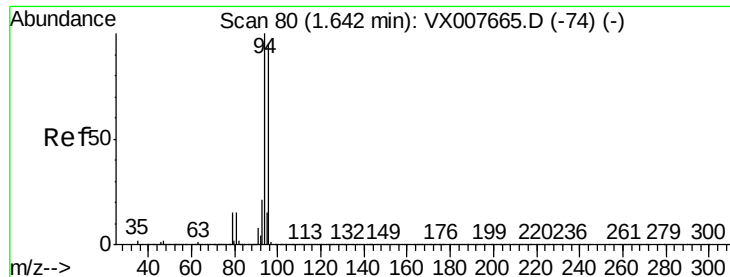
Tgt Ion: 62 Resp: 76041

Ion Ratio Lower Upper

62 100

64 31.1 25.4 38.0





#5

Bromomethane

Concen: 20.877 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

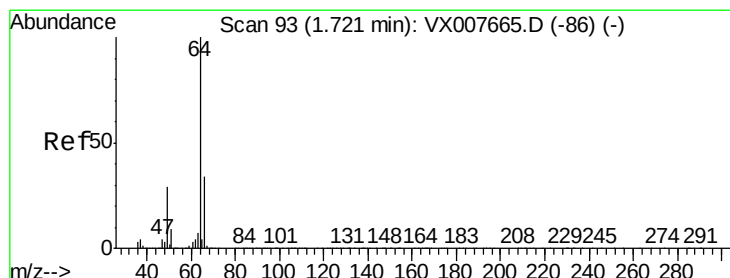
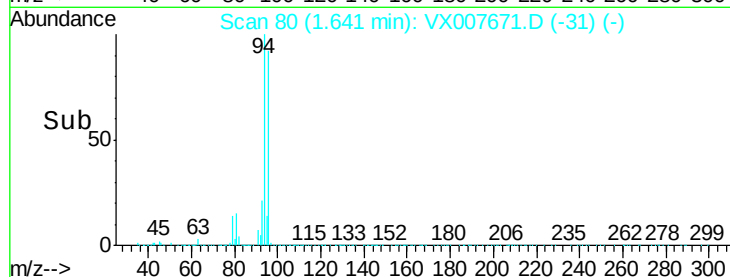
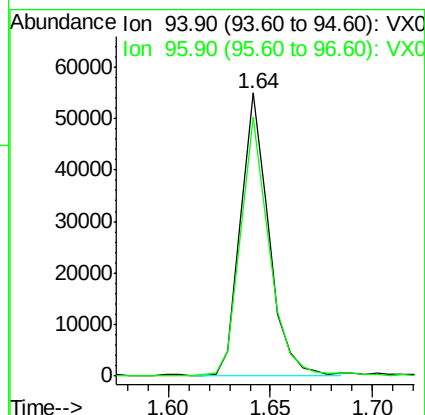
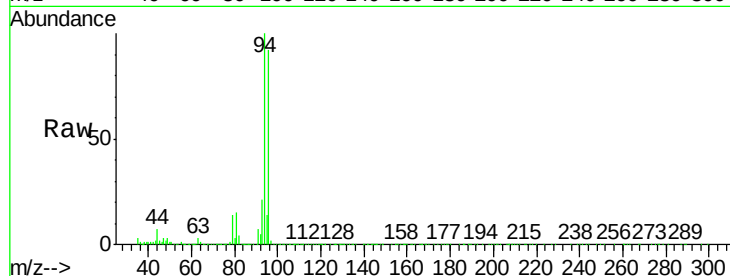
VX0225WBS01

Tot Ion: 94 Resp: 51992

Ion Ratio Lower Upper

94 100

96 91.6 73.9 110.9



#6

Chloroethane

Concen: 19.431 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007671.D

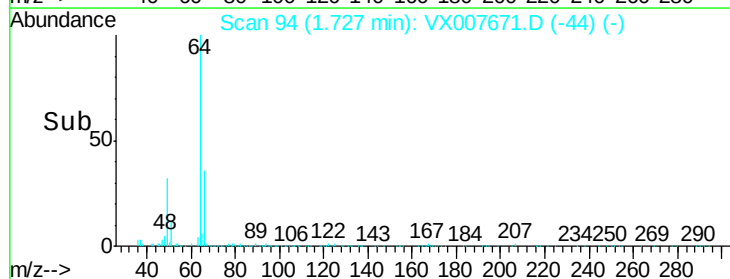
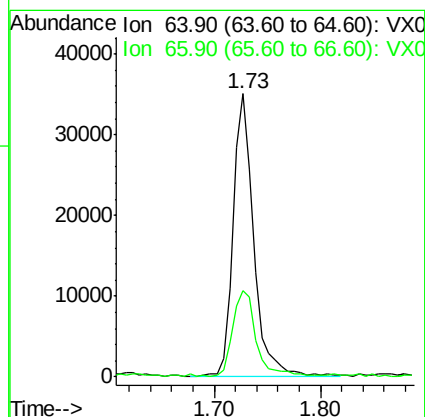
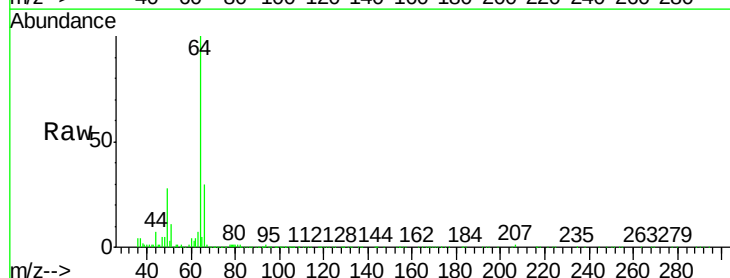
Acq: 25 Feb 2019 14:07

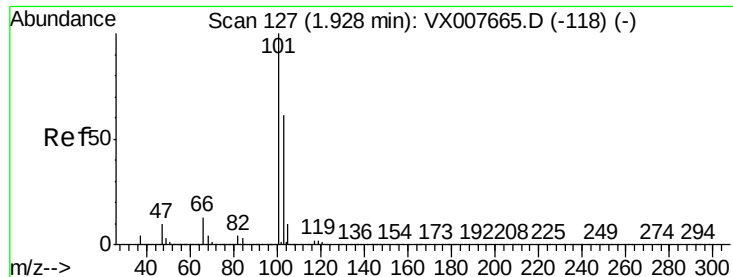
Tgt Ion: 64 Resp: 47040

Ion Ratio Lower Upper

64 100

66 30.1 25.5 38.3



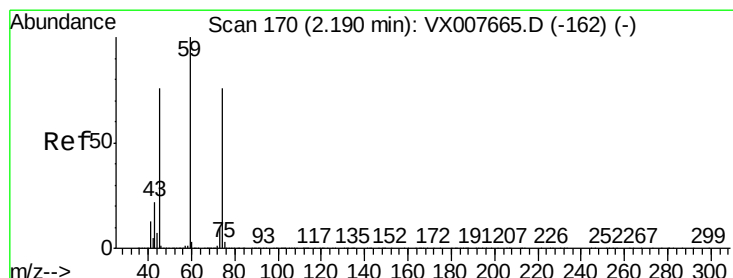
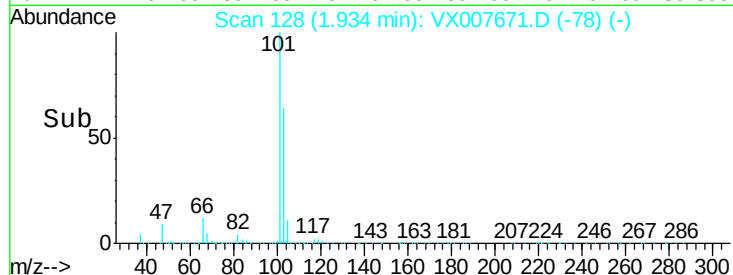
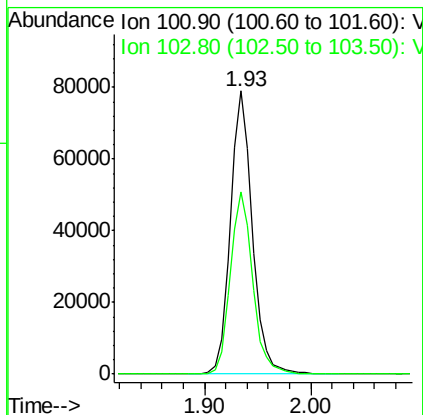
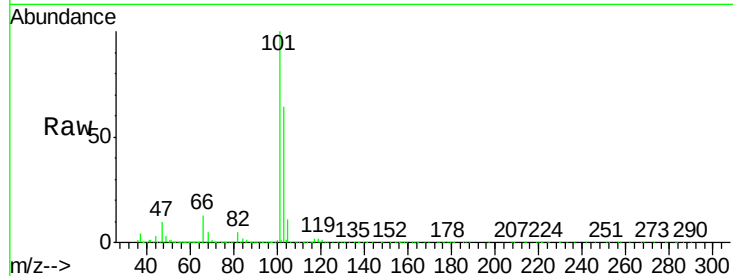


#7

Trichlorofluoromethane
Concen: 19.643 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS01

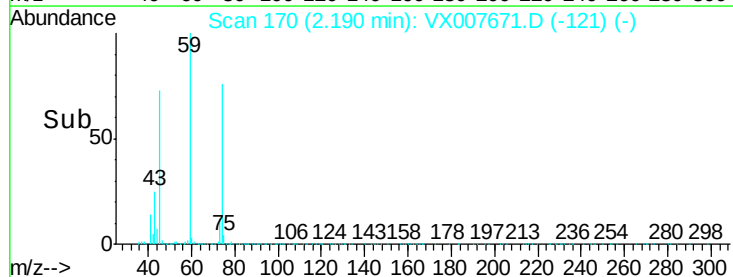
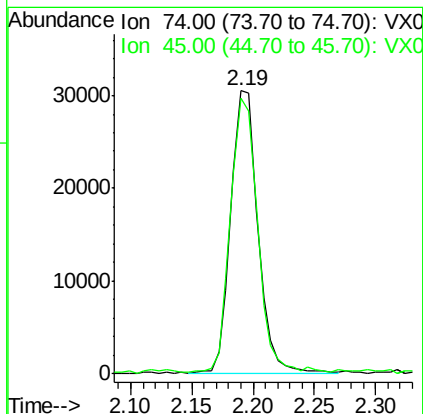
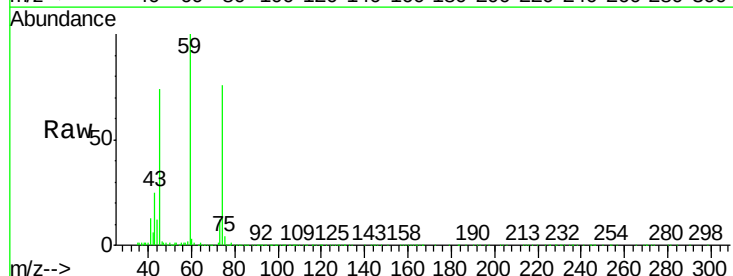
Tot Ion:101 Resp: 114102
Ion Ratio Lower Upper
101 100
103 64.4 52.6 79.0

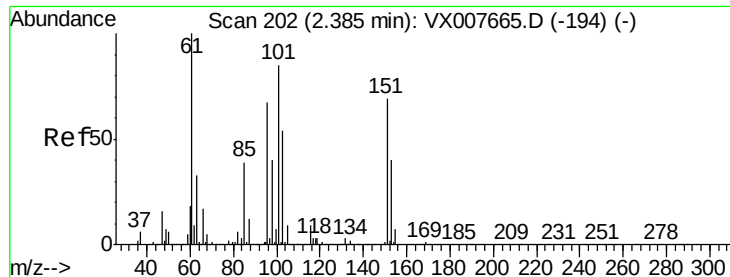


#8

Diethyl Ether
Concen: 19.482 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Tgt Ion: 74 Resp: 46446
Ion Ratio Lower Upper
74 100
45 96.6 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.426 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS01

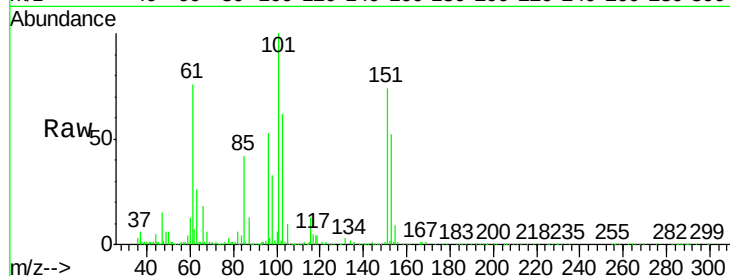
Tot Ion:101 Resp: 68205

Ion Ratio Lower Upper

101 100

85 45.1 34.1 51.1

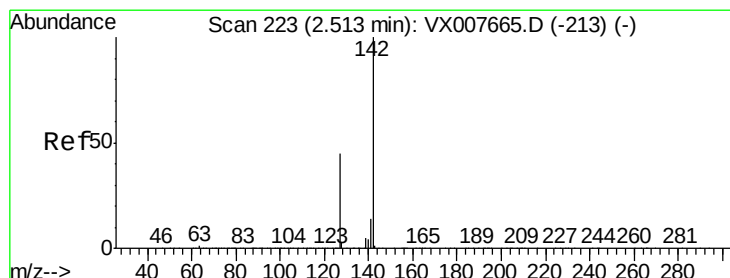
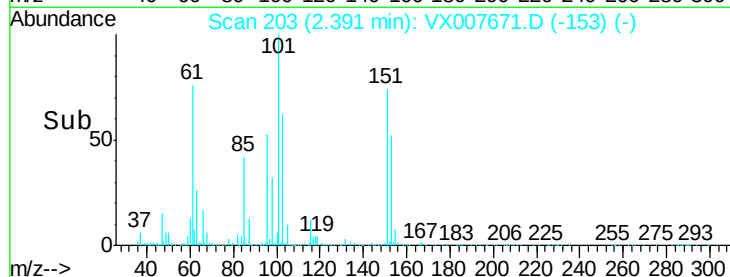
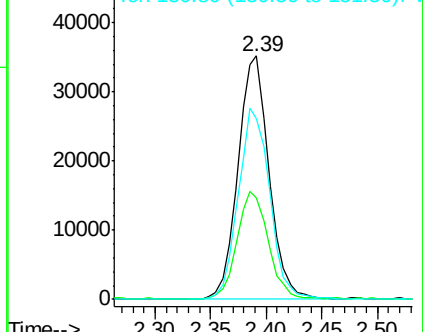
151 79.4 69.9 104.9



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: 19.166 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

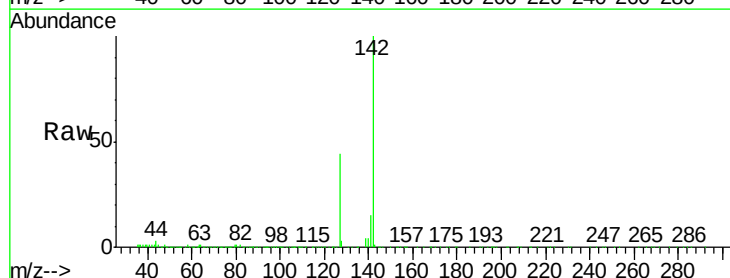
Tgt Ion:142 Resp: 83790

Ion Ratio Lower Upper

142 100

127 44.4 33.7 50.5

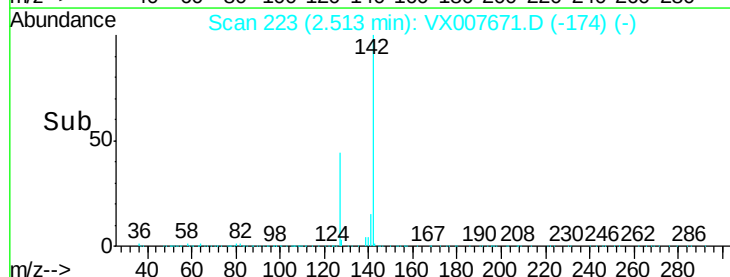
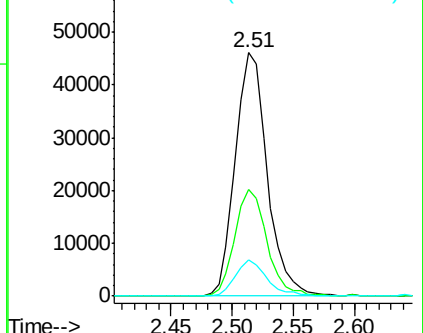
141 14.7 11.3 16.9

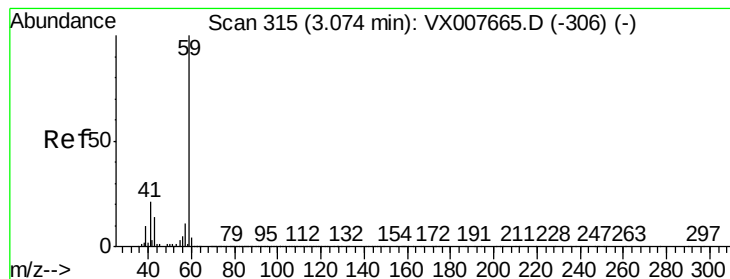


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



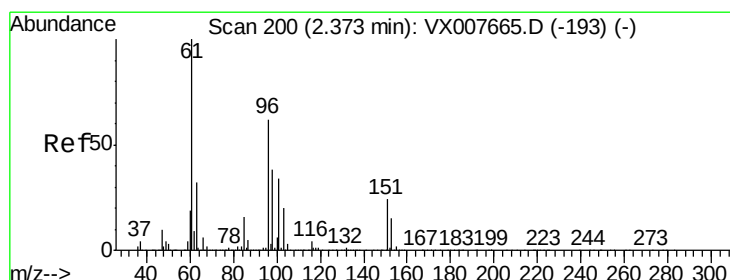
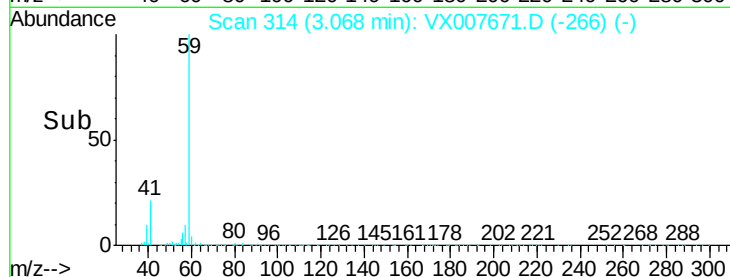
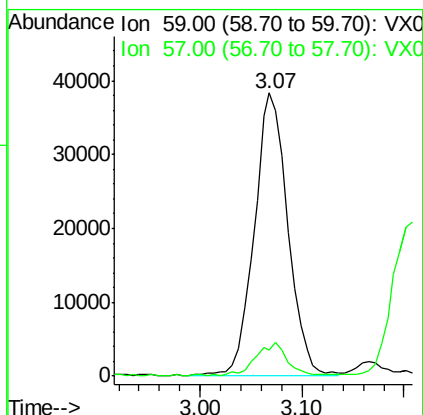
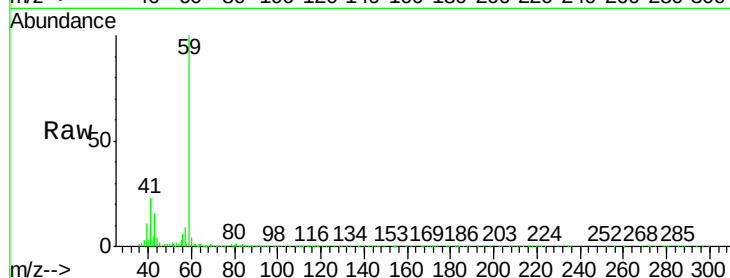


#11

Tert butyl alcohol
 Concen: 102.789 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX007671.D
 Acq: 25 Feb 2019 14:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBS01

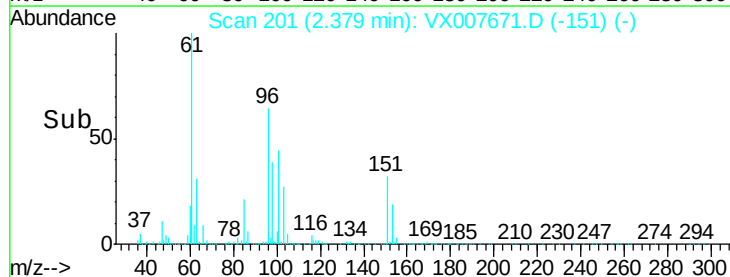
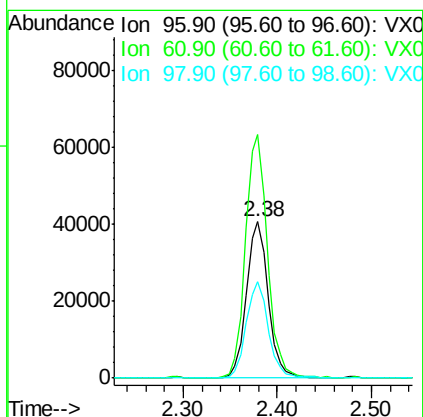
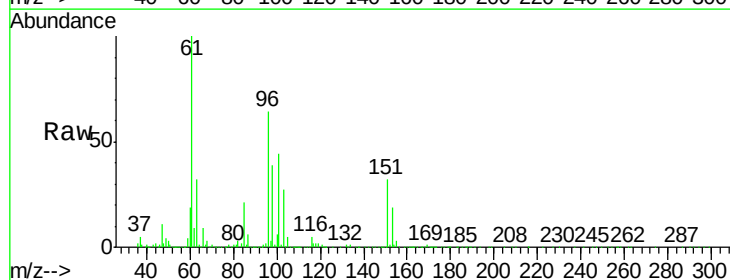
Tot Ion: 59 Resp: 87404
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.1 12.1

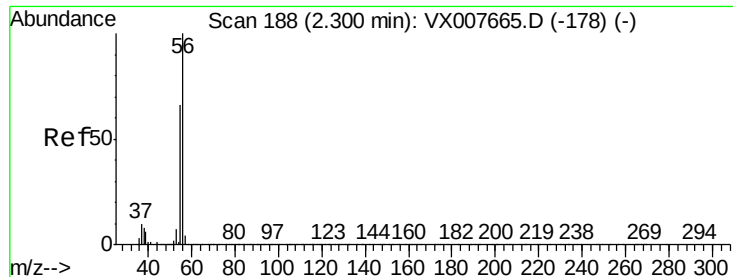


#12

1,1-Dichloroethene
 Concen: 20.734 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007671.D
 Acq: 25 Feb 2019 14:07

Tgt Ion: 96 Resp: 65618
 Ion Ratio Lower Upper
 96 100
 61 155.9 123.0 184.4
 98 61.2 50.9 76.3





#13

Acrolein

Concen: 96.098 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

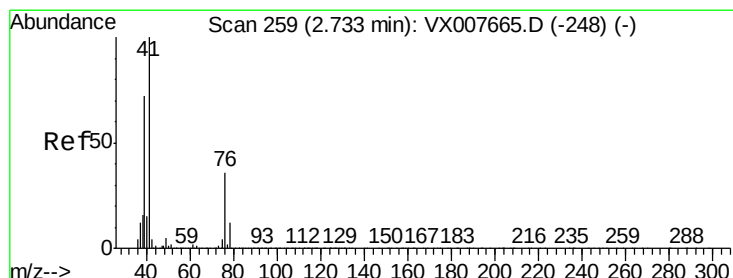
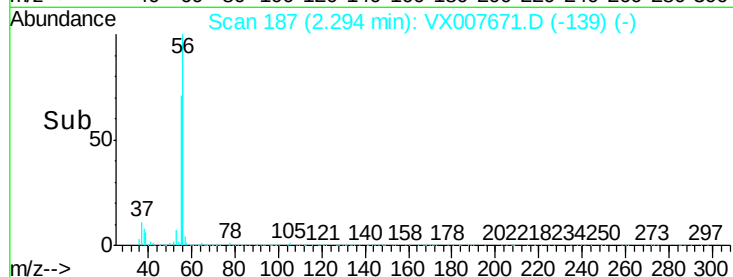
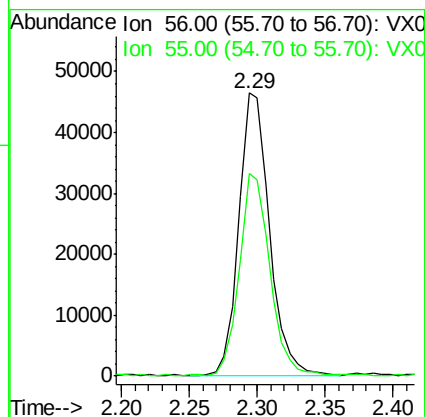
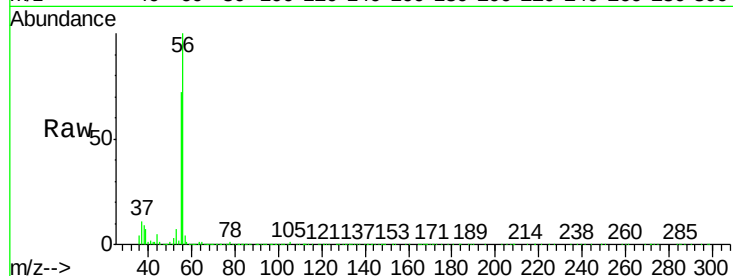
VX0225WBS01

Tot Ion: 56 Resp: 72612

Ion Ratio Lower Upper

56 100

55 73.2 56.9 85.3



#14

Allyl chloride

Concen: 19.671 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

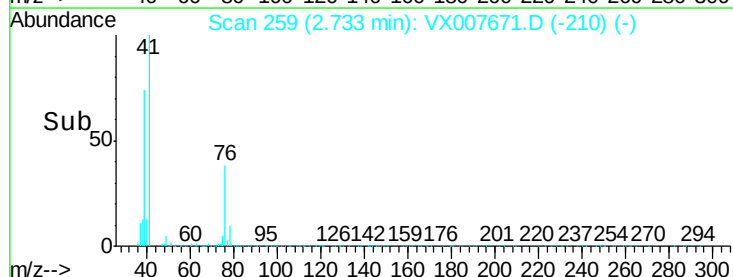
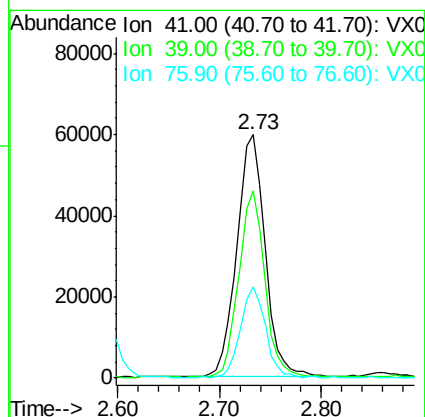
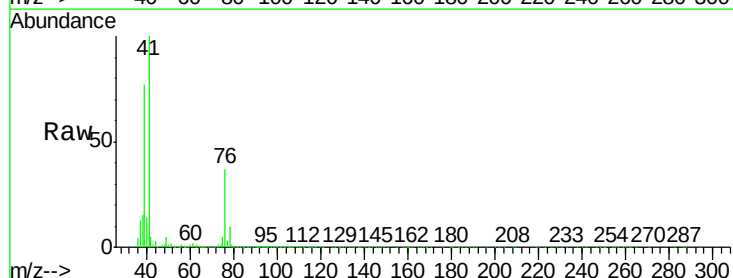
Tgt Ion: 41 Resp: 115109

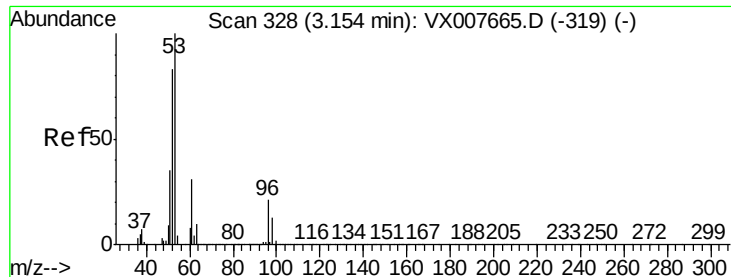
Ion Ratio Lower Upper

41 100

39 70.7 54.1 81.1

76 33.1 27.8 41.8





#15

Acrylonitrile

Concen: 103.155 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampled :

VX0225WBS01

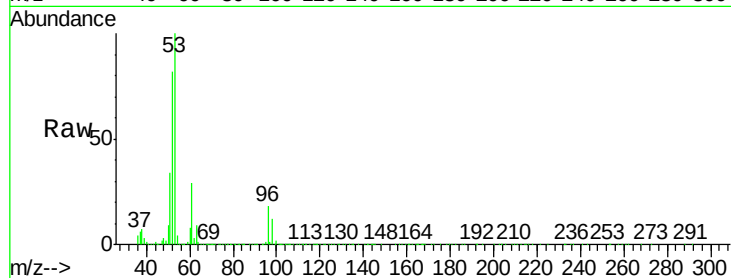
Tot Ion: 53 Resp: 206420

Ion Ratio Lower Upper

53 100

52 82.0 66.4 99.6

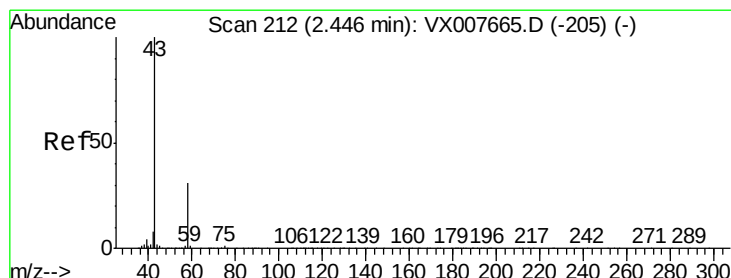
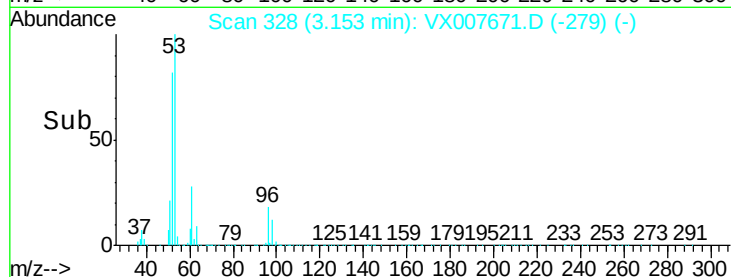
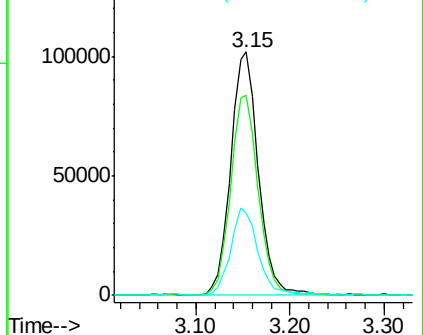
51 35.7 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 97.317 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007671.D

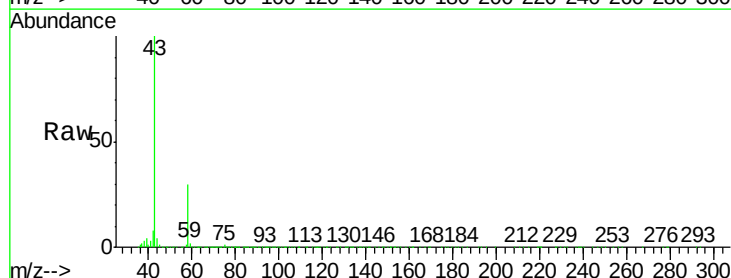
Acq: 25 Feb 2019 14:07

Tgt Ion: 43 Resp: 193952

Ion Ratio Lower Upper

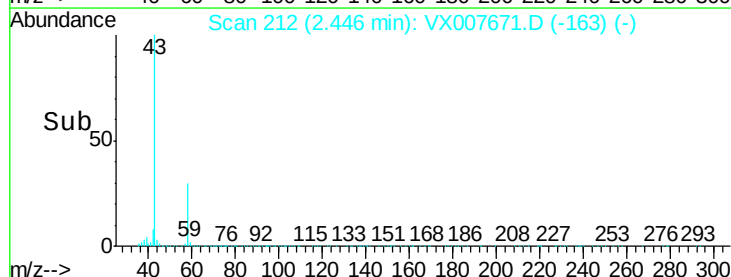
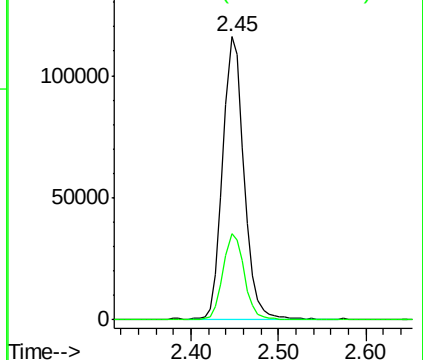
43 100

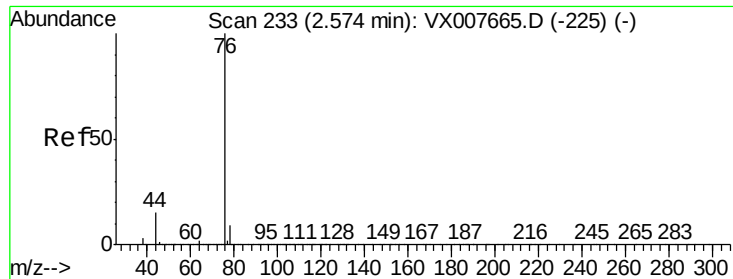
58 30.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 19.421 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

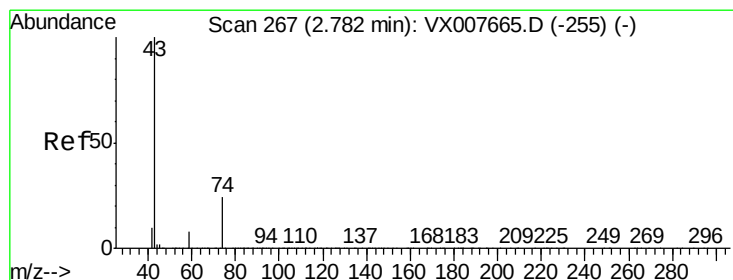
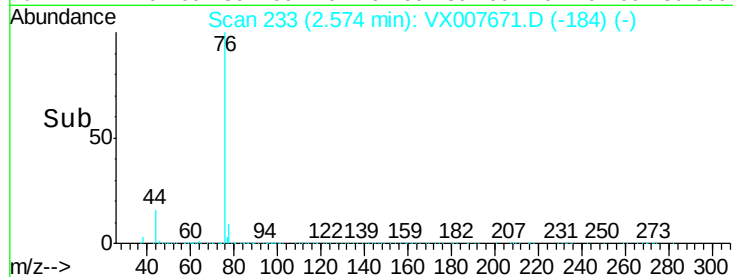
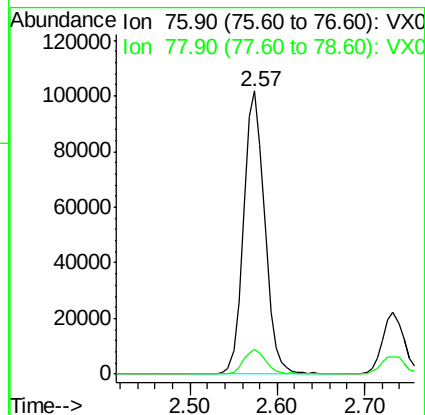
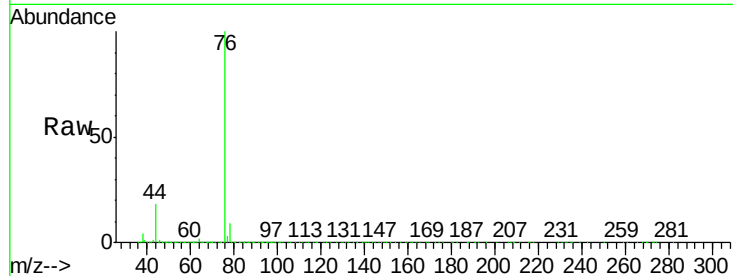
VX0225WBS01

Tot Ion: 76 Resp: 170996

Ion Ratio Lower Upper

76 100

78 8.7 7.1 10.7



#18

Methyl Acetate

Concen: 19.780 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007671.D

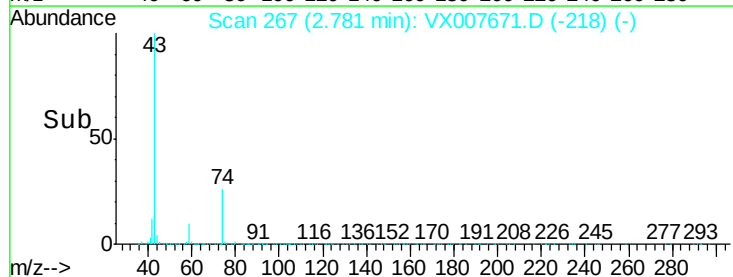
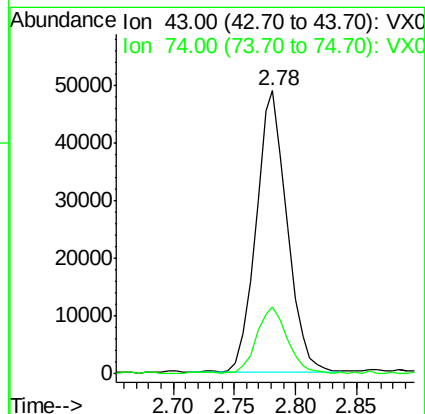
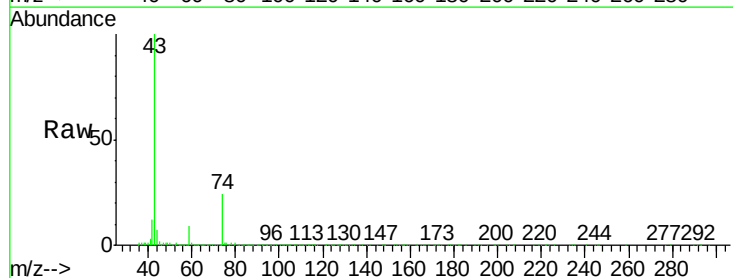
Acq: 25 Feb 2019 14:07

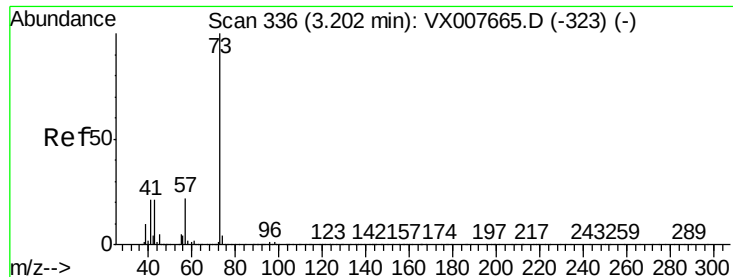
Tgt Ion: 43 Resp: 86020

Ion Ratio Lower Upper

43 100

74 23.9 19.4 29.2

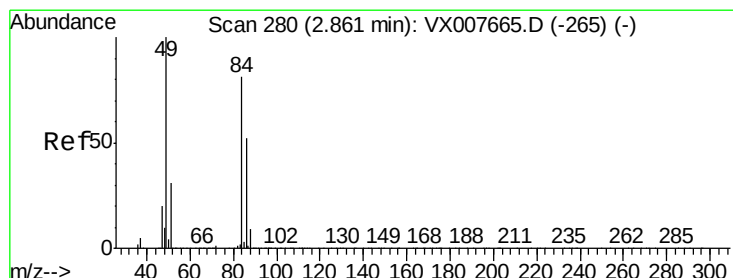
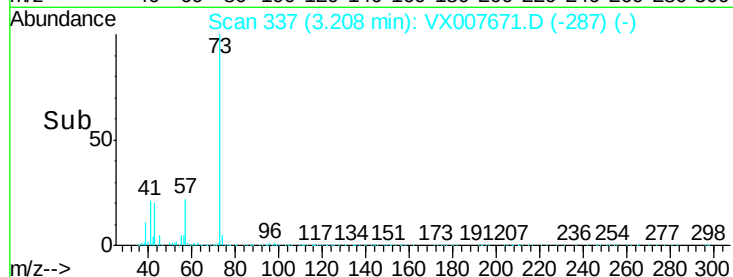
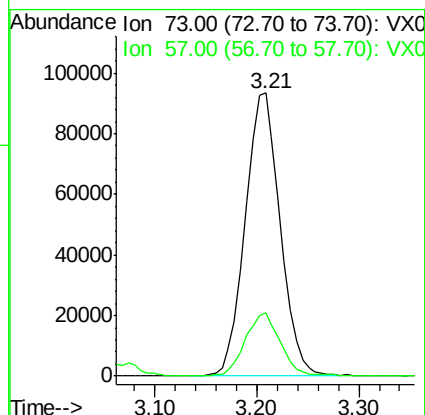
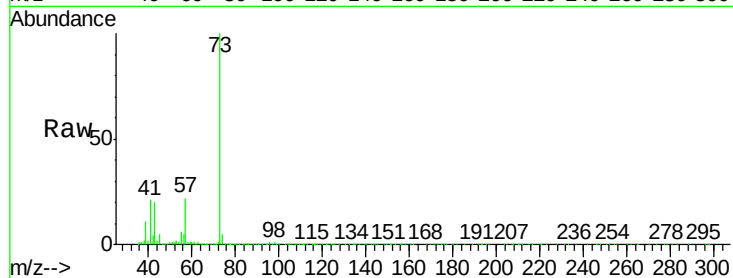




#19
Methyl tert-butyl Ether
Concen: 20.126 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

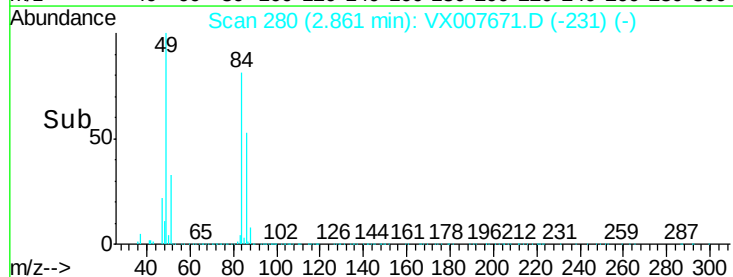
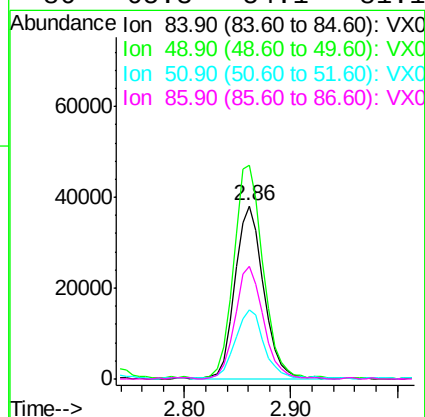
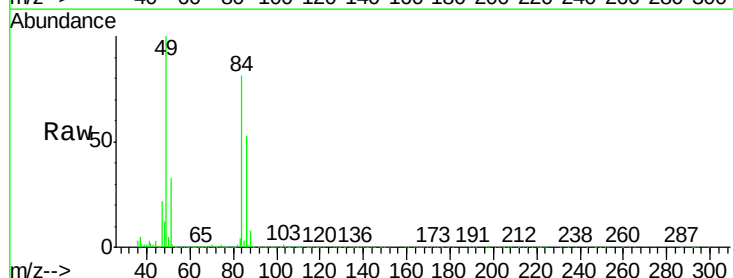
Instrument :
MSVOA_X
ClientSampled :
VX0225WBS01

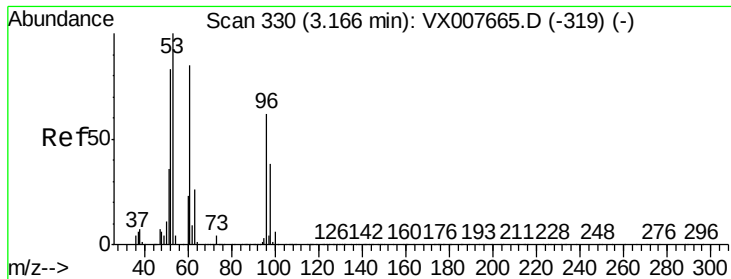
Tot Ion: 73 Resp: 221802
Ion Ratio Lower Upper
73 100
57 22.2 17.8 26.8



#20
Methylene Chloride
Concen: 19.638 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Tgt Ion: 84 Resp: 72270
Ion Ratio Lower Upper
84 100
49 123.0 94.8 142.2
51 39.8 29.8 44.8
86 65.3 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 20.076 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS01

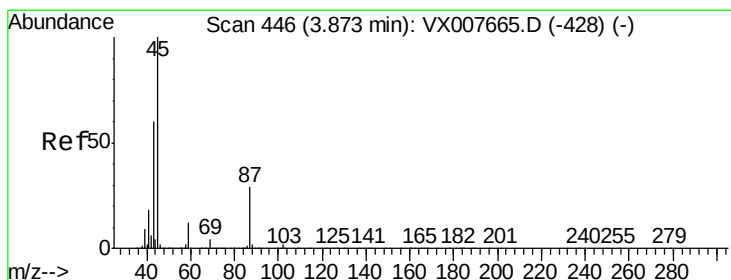
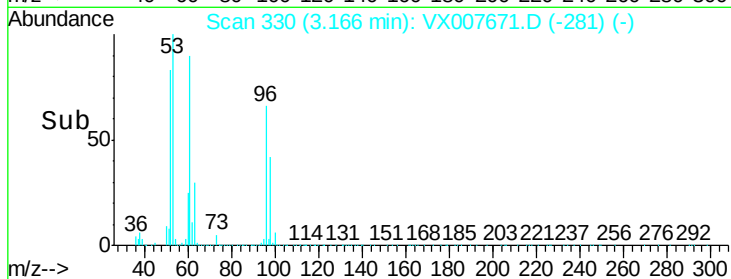
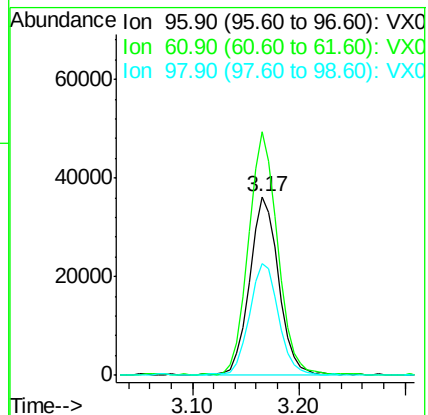
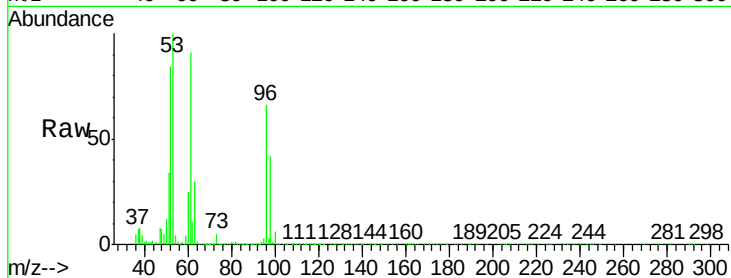
Tot Ion: 96 Resp: 69071

Ion Ratio Lower Upper

96 100

61 136.4 104.6 156.8

98 62.5 51.0 76.4



#22

Diisopropyl ether

Concen: 19.734 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Tgt Ion: 45 Resp: 240394

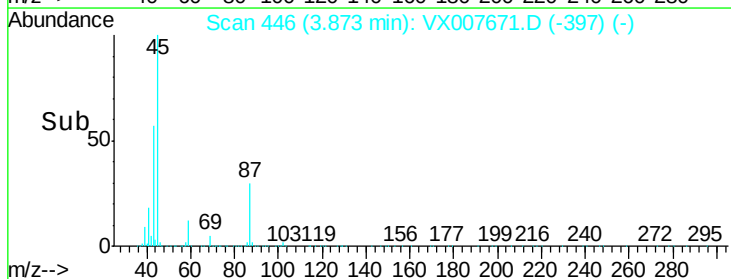
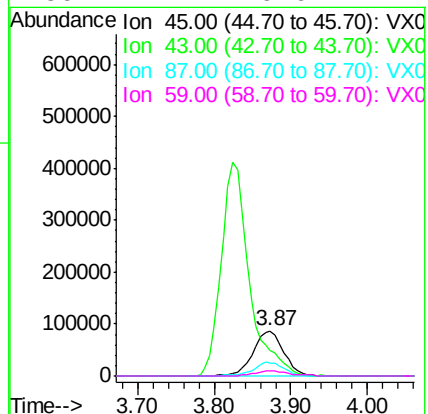
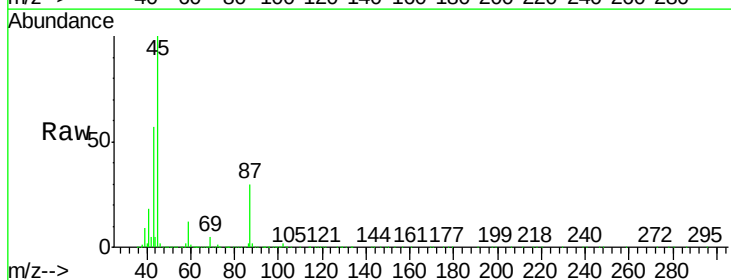
Ion Ratio Lower Upper

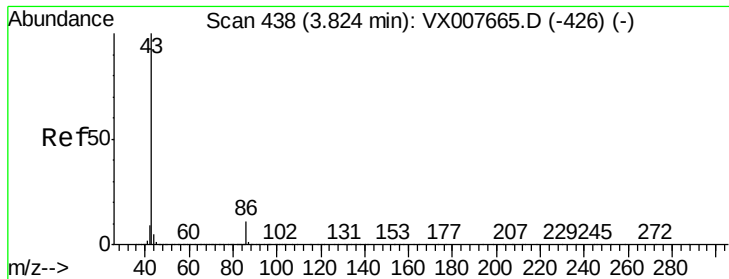
45 100

43 56.3 48.9 73.3

87 29.7 23.9 35.9

59 12.2 9.6 14.4





#23

Vinyl Acetate

Concen: 98.563 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

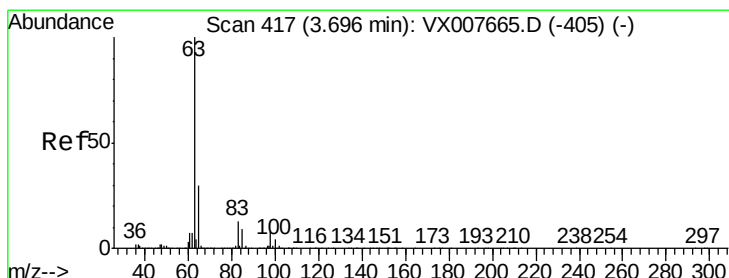
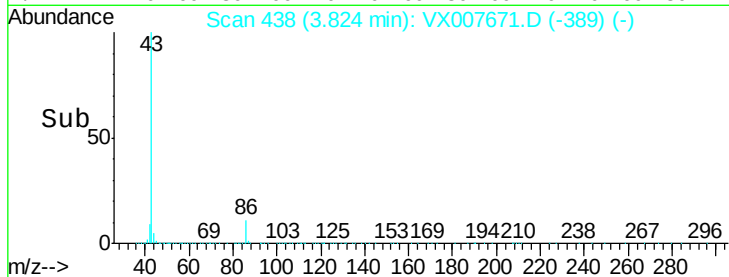
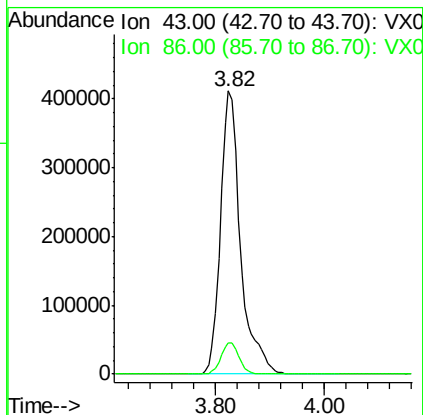
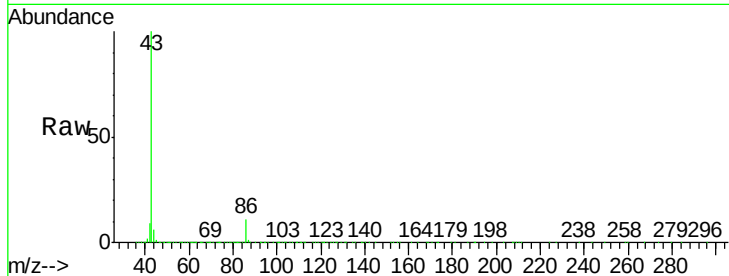
VX0225WBS01

Tot Ion: 43 Resp: 1053409

Ion Ratio Lower Upper

43 100

86 11.0 8.7 13.1



#24

1,1-Dichloroethane

Concen: 19.780 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

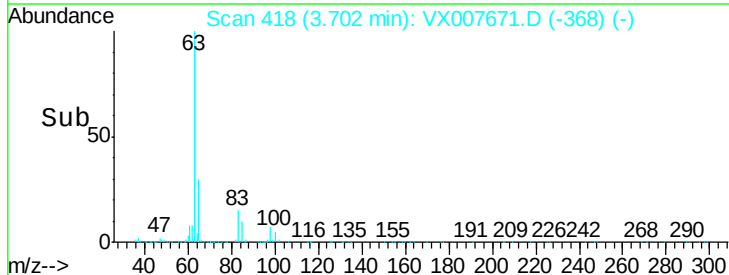
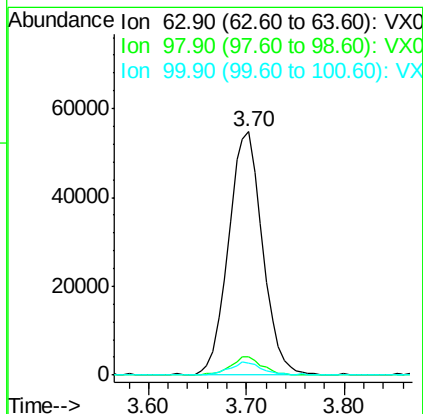
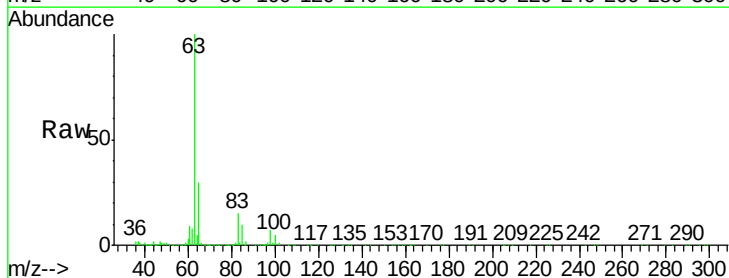
Tgt Ion: 63 Resp: 130953

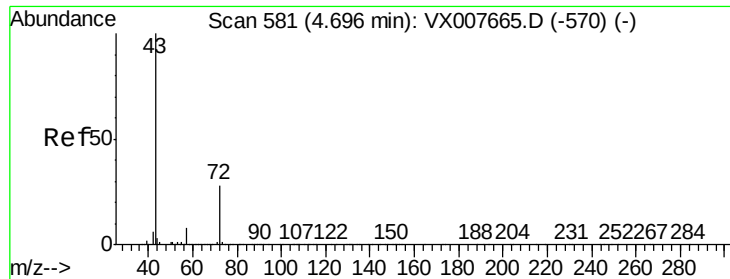
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.6 2.5 7.4





#25

2-Butanone

Concen: 100.566 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

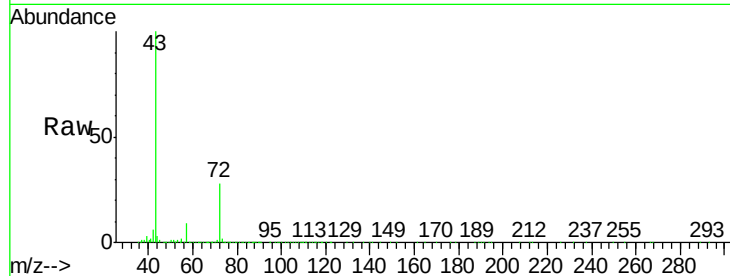
VX0225WBS01

Tot Ion: 43 Resp: 305302

Ion Ratio Lower Upper

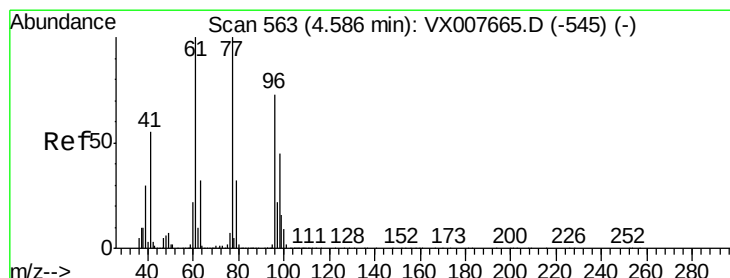
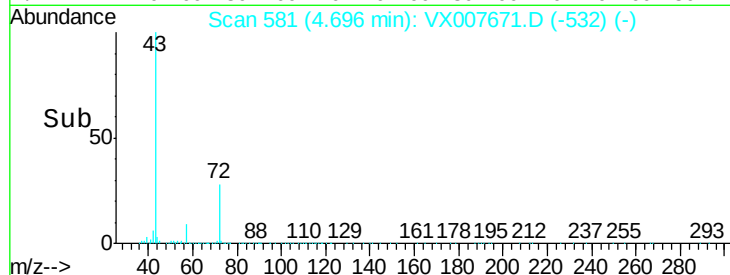
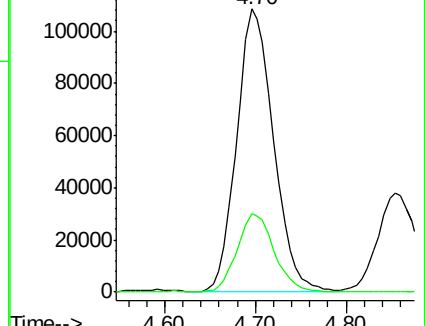
43 100

72 27.6 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.620 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007671.D

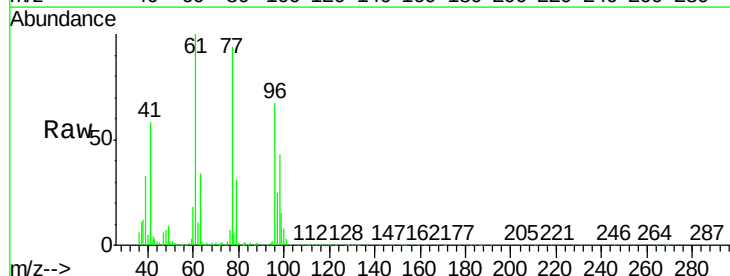
Acq: 25 Feb 2019 14:07

Tgt Ion: 77 Resp: 98402

Ion Ratio Lower Upper

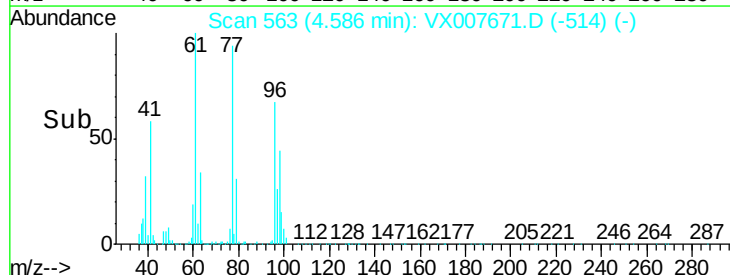
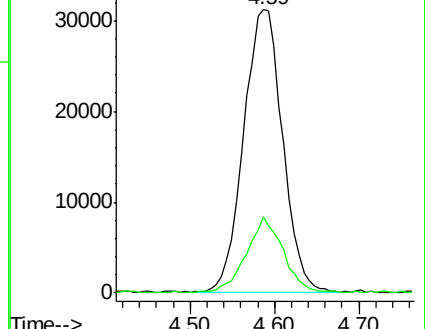
77 100

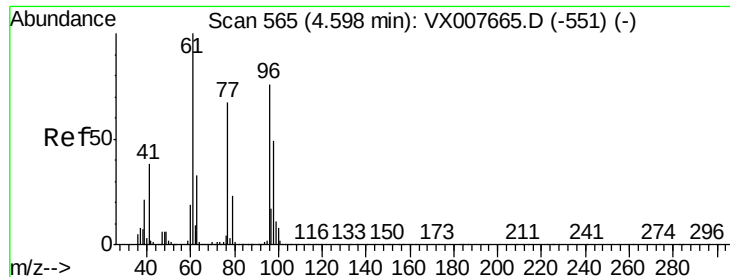
97 25.5 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



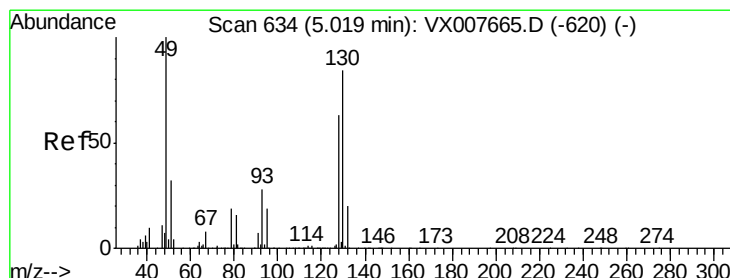
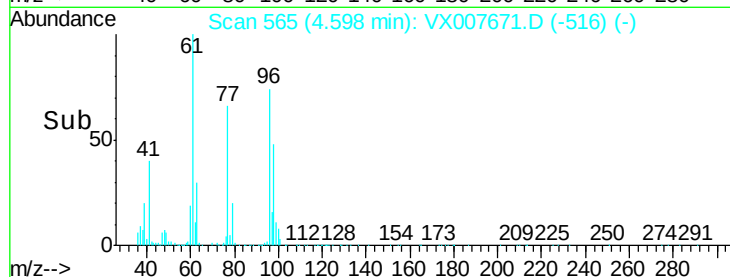
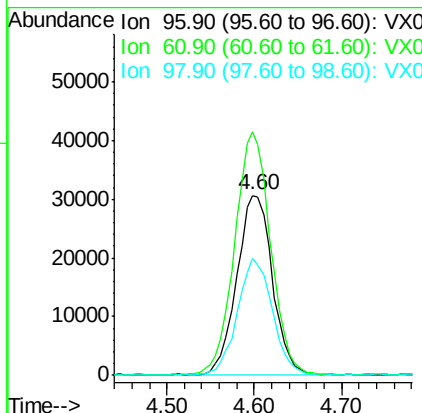
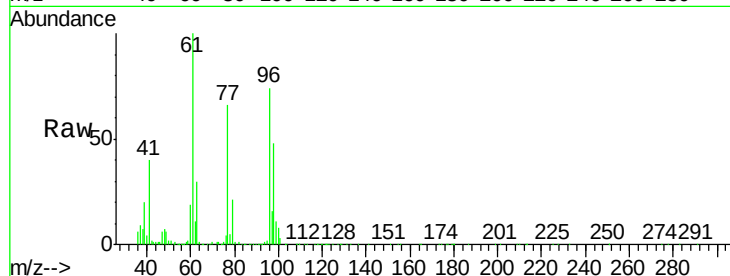


#27

cis-1,2-Dichloroethene
Concen: 19.883 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS01

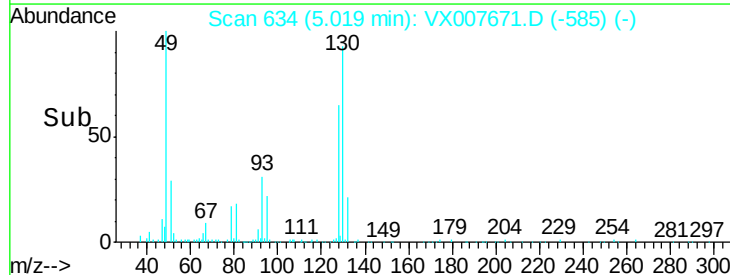
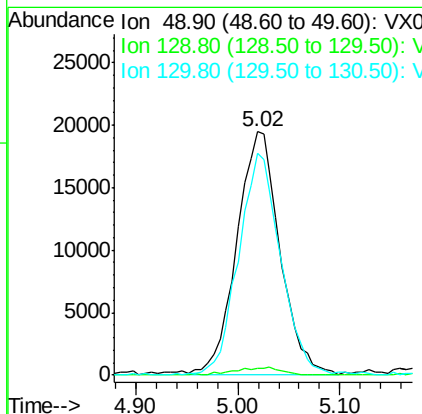
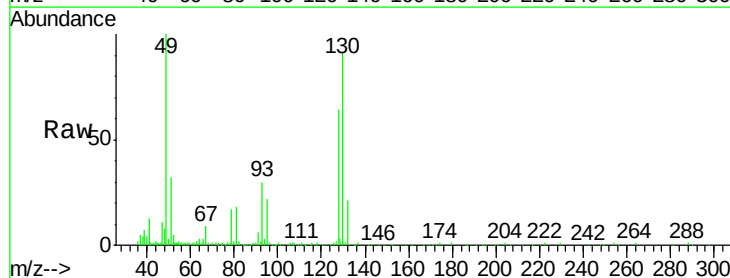
Tot Ion: 96 Resp: 87045
Ion Ratio Lower Upper
96 100
61 134.9 0.0 265.6
98 64.3 0.0 131.6

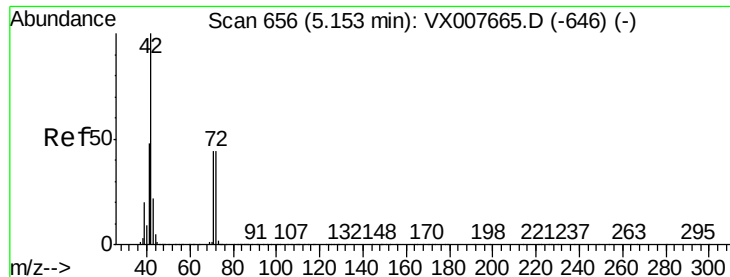


#28

Bromochloromethane
Concen: 17.758 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Tgt Ion: 49 Resp: 57234
Ion Ratio Lower Upper
49 100
129 3.4 0.0 5.6
130 89.0 75.6 113.4





#29

Tetrahydrofuran

Concen: 99.328 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS01

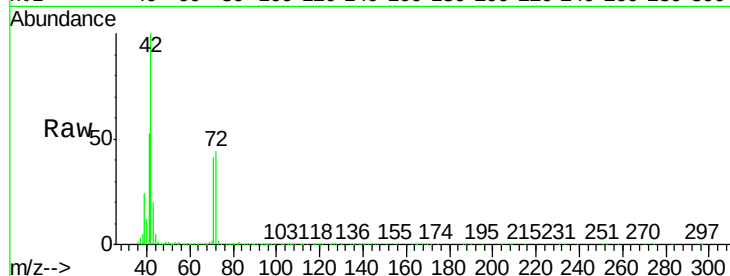
Tot Ion: 42 Resp: 198770

Ion Ratio Lower Upper

42 100

72 46.3 37.6 56.4

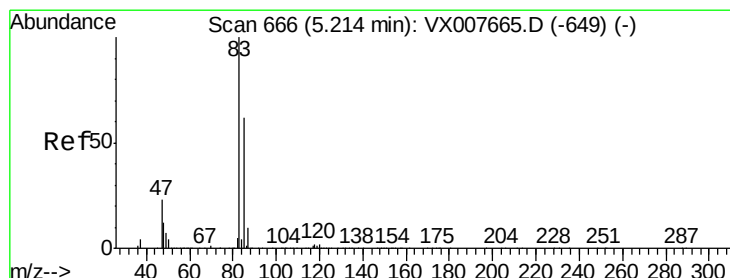
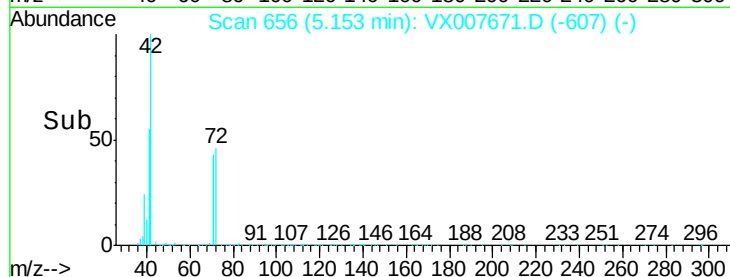
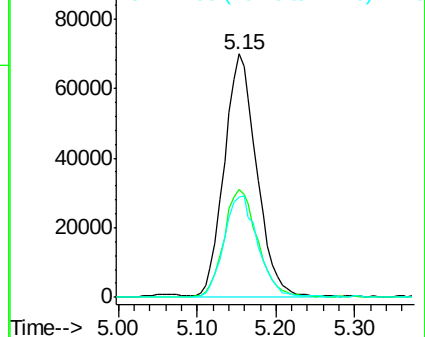
71 44.0 34.6 51.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.423 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007671.D

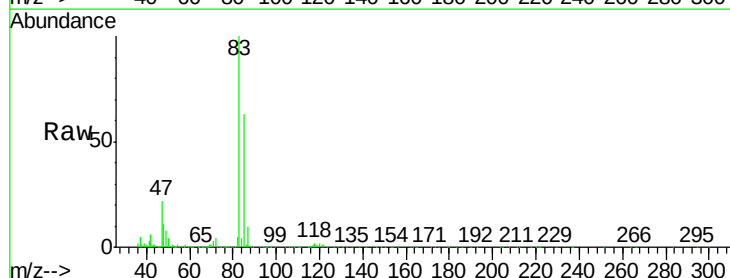
Acq: 25 Feb 2019 14:07

Tgt Ion: 83 Resp: 137744

Ion Ratio Lower Upper

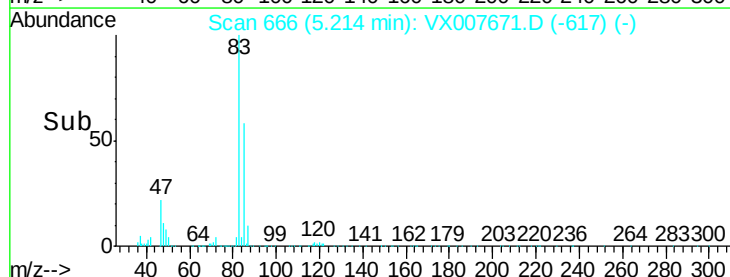
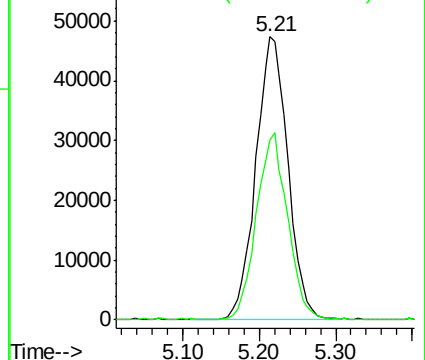
83 100

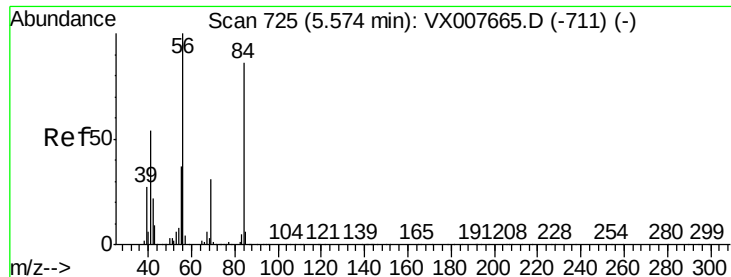
85 63.1 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

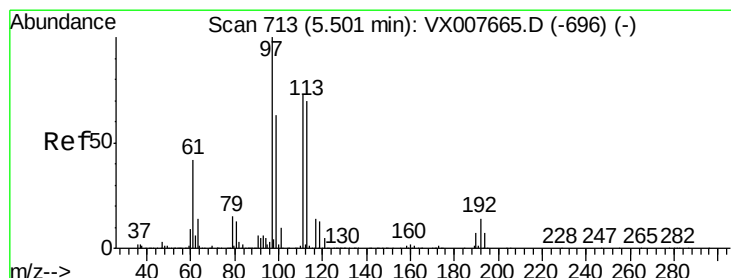
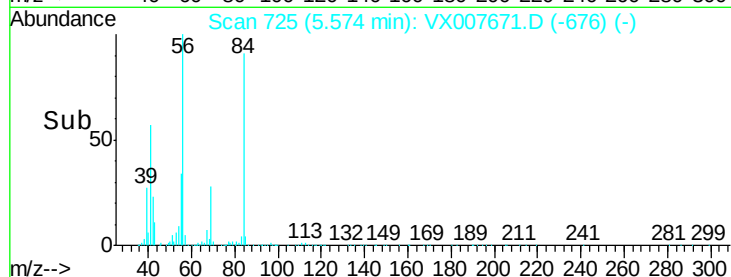
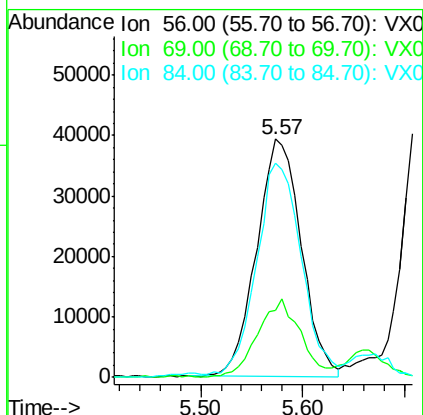
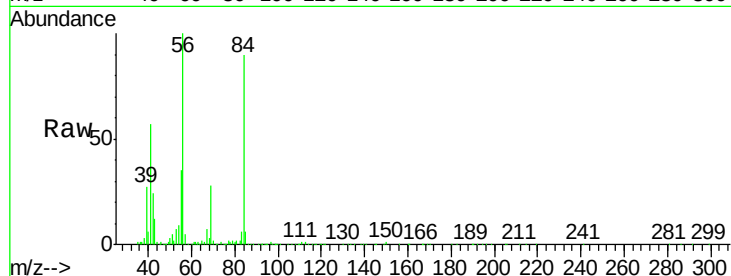




#31
Cyclohexane
Concen: 19.135 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

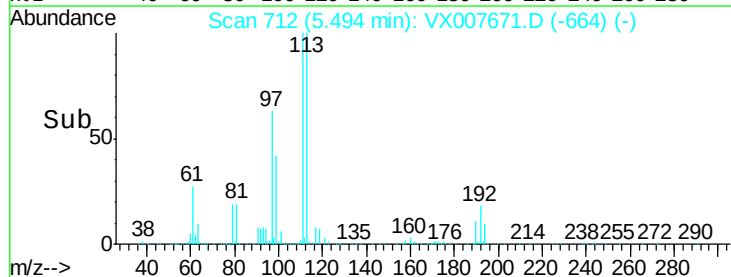
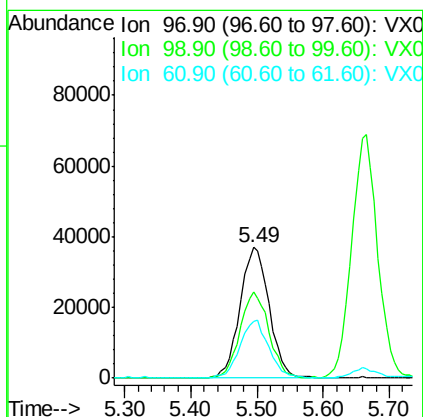
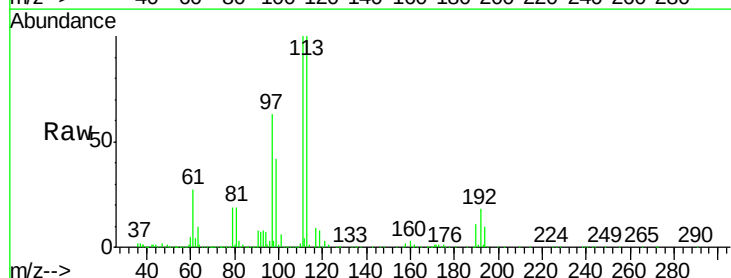
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS01

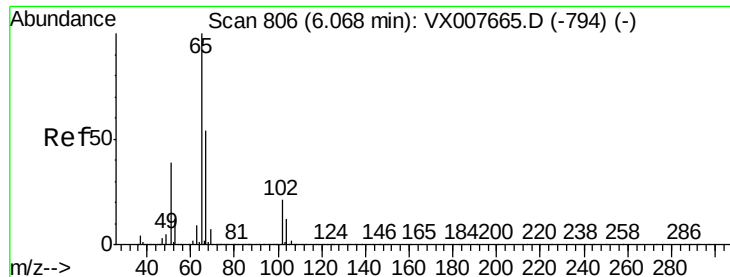
Tot Ion: 56 Resp: 119165
Ion Ratio Lower Upper
56 100
69 27.8 23.0 34.6
84 88.9 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 19.373 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Tgt Ion: 97 Resp: 113621
Ion Ratio Lower Upper
97 100
99 65.2 52.2 78.2
61 43.4 32.7 49.1

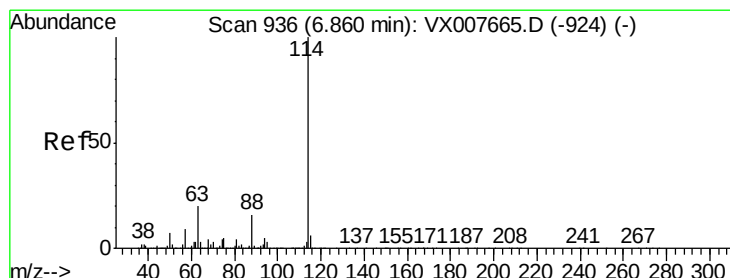
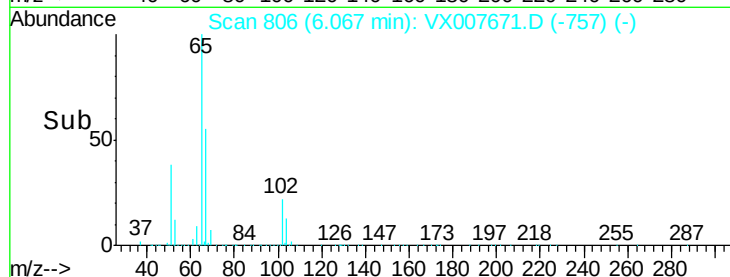
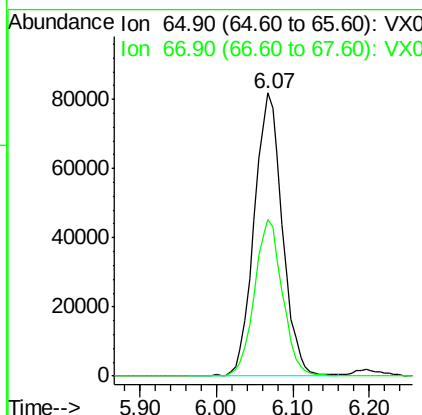
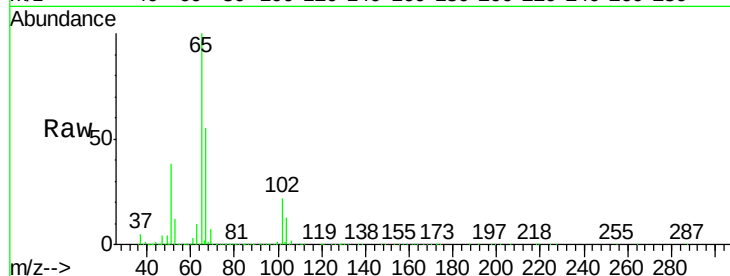




#33
 1,2-Dichloroethane-d4
 Concen: 46.829 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007671.D
 Acq: 25 Feb 2019 14:07

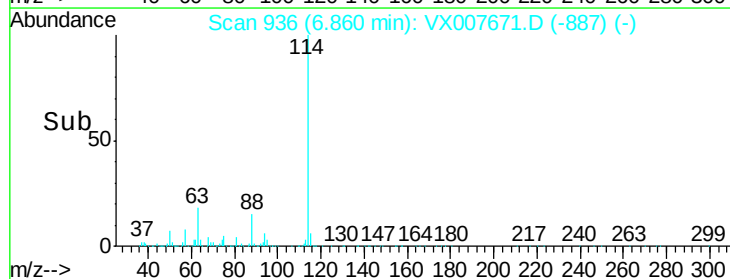
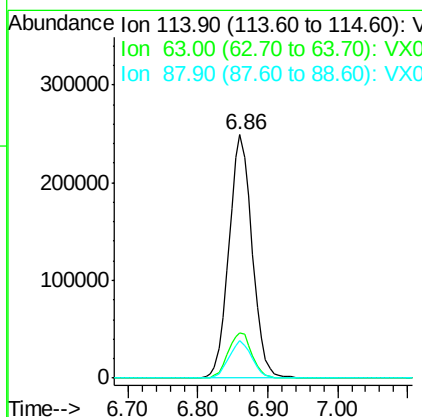
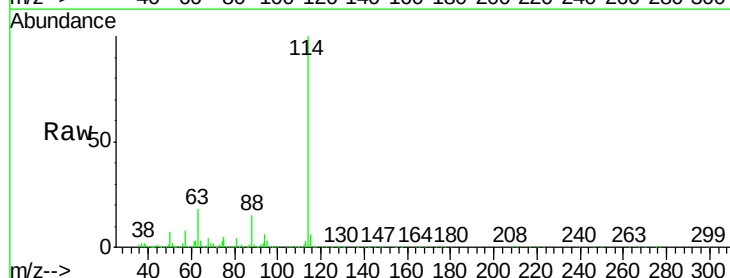
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBS01

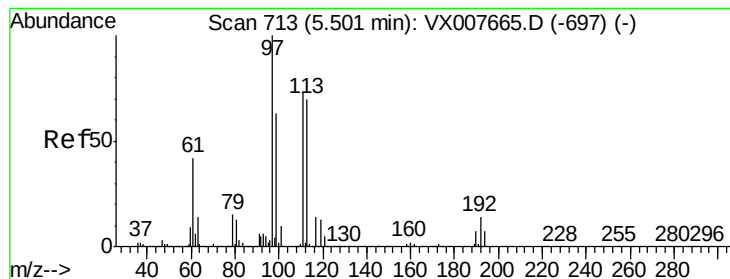
Tot Ion: 65 Resp: 209872
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007671.D
 Acq: 25 Feb 2019 14:07

Tgt Ion: 114 Resp: 573959
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 35.6
 88 15.3 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.163 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS01

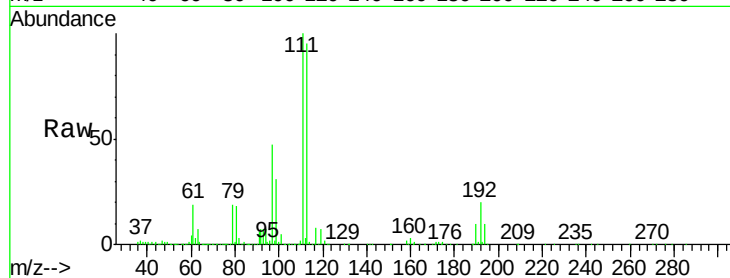
Tot Ion:113 Resp: 184789

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.8

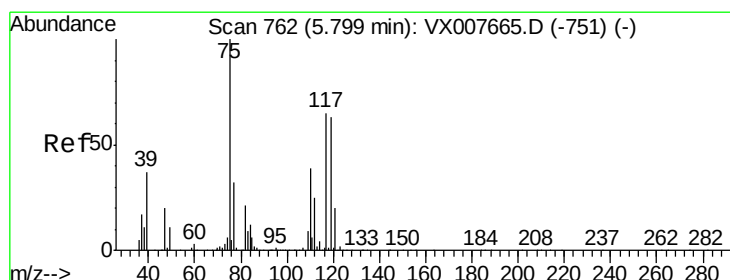
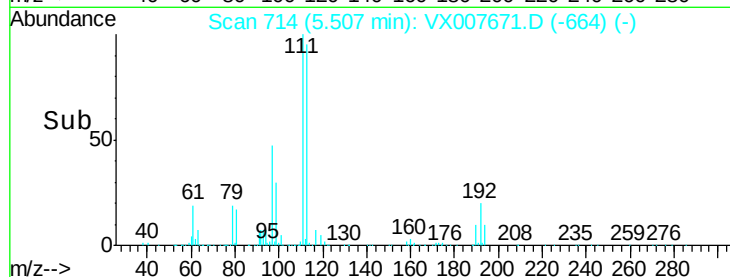
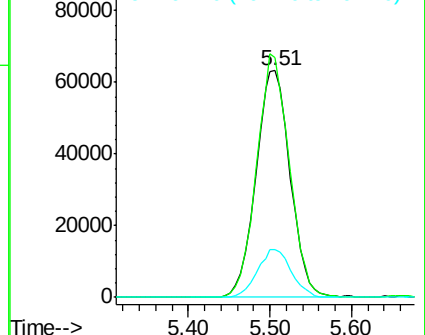
192 21.1 18.5 27.7



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: 19.129 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

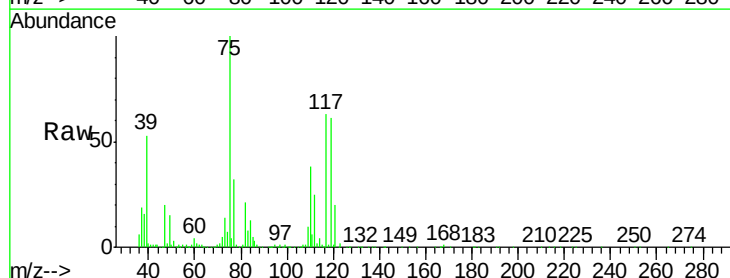
Tgt Ion: 75 Resp: 98705

Ion Ratio Lower Upper

75 100

110 39.4 20.0 59.9

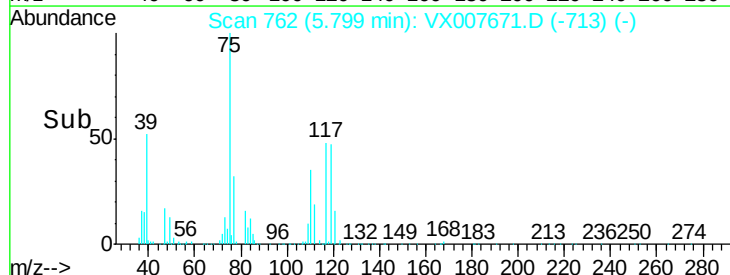
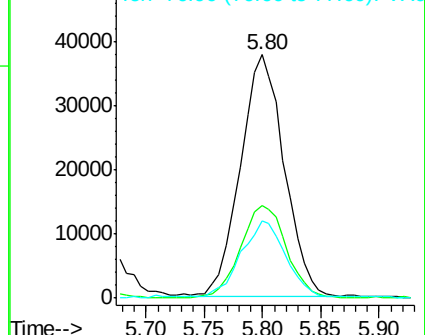
77 32.7 24.7 37.1

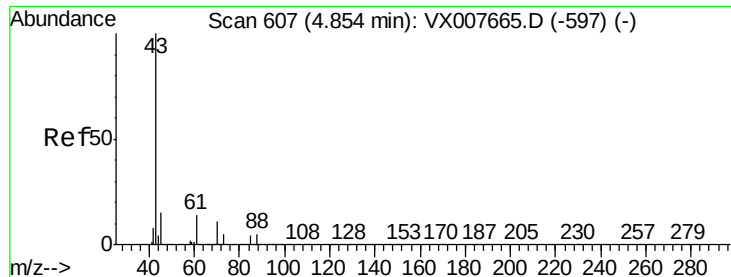


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

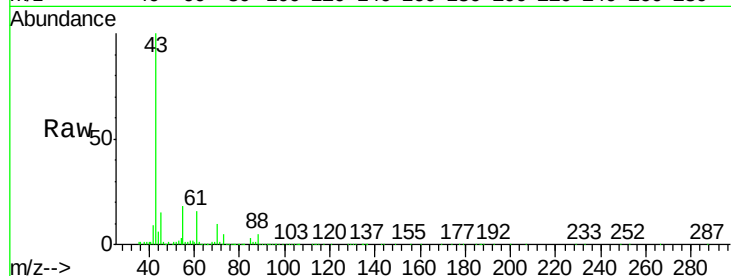




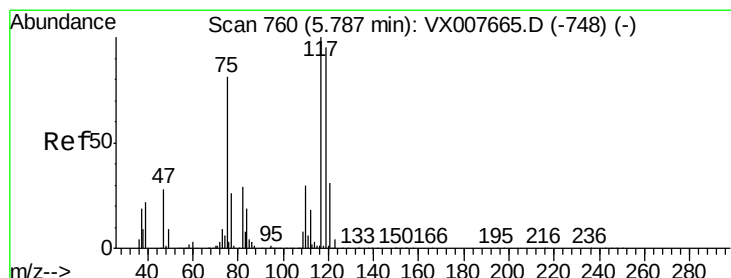
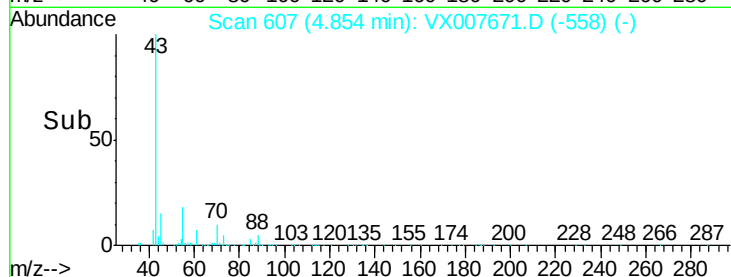
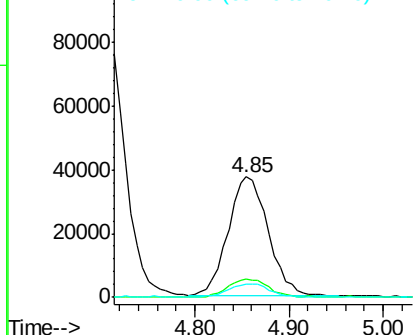
#37
Ethyl Acetate
Concen: 19.492 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Instrument :
MSVOA_X
ClientSampled :
VX0225WBS01

Tot Ion: 43 Resp: 111729
Ion Ratio Lower Upper
43 100
61 15.0 11.3 16.9
70 11.9 8.6 13.0

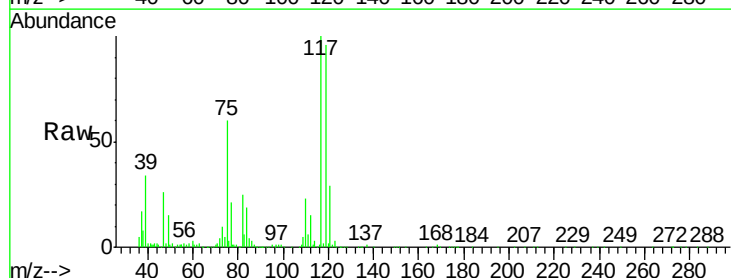


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

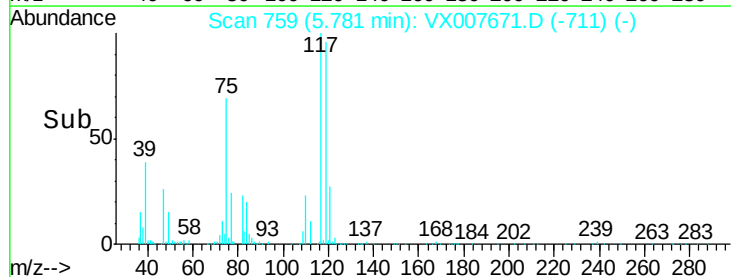
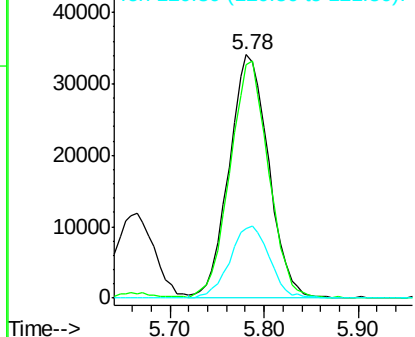


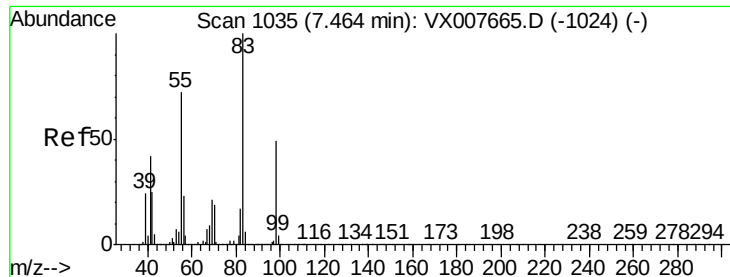
#38
Carbon Tetrachloride
Concen: 19.118 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Tgt Ion: 117 Resp: 99097
Ion Ratio Lower Upper
117 100
119 95.8 75.3 112.9
121 28.4 25.0 37.4



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

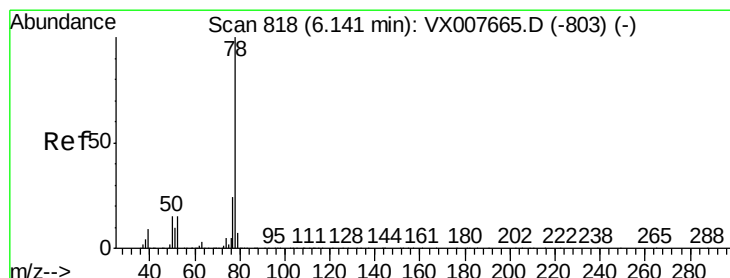
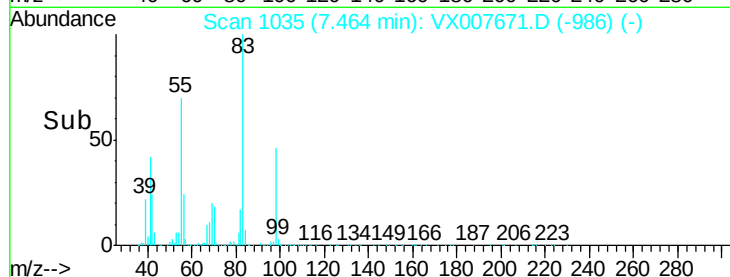
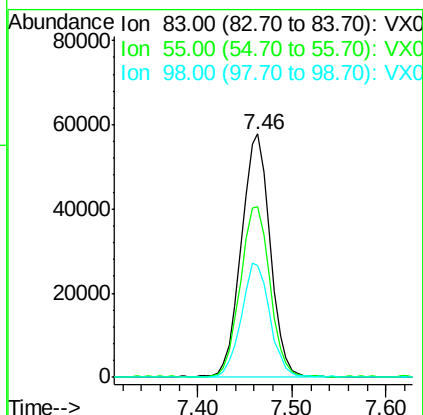
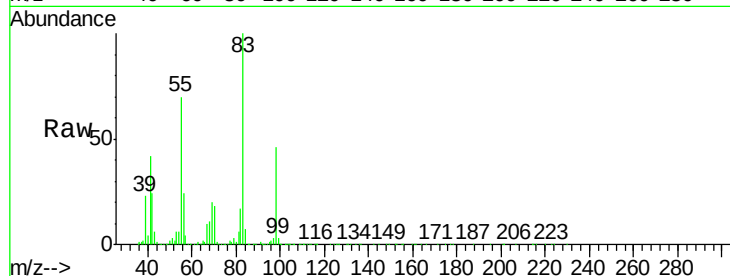




#39
Methylvlcyclohexane
Concen: 19.032 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

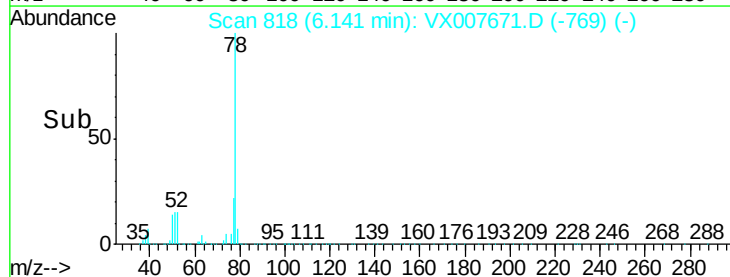
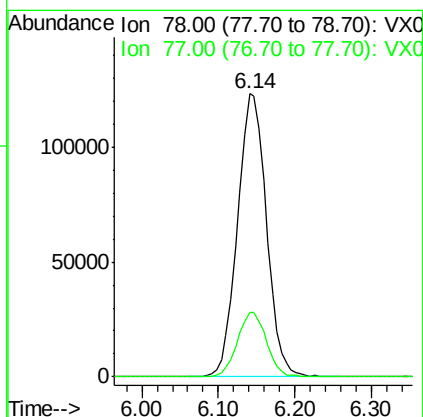
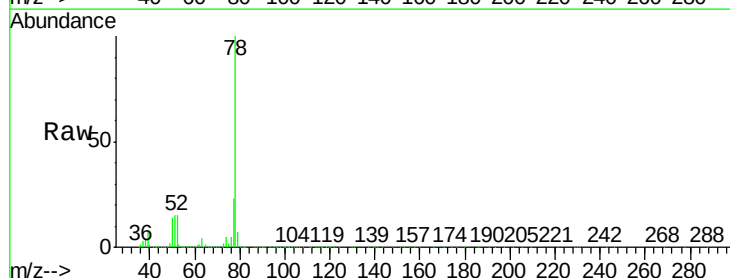
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS01

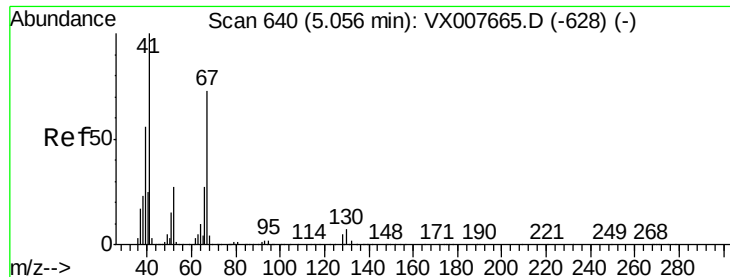
Tot Ion	83	Resp	124118
Ion	Ratio	Lower	Upper
83	100		
55	69.8	56.2	84.2
98	46.2	36.8	55.2



#40
Benzene
Concen: 20.283 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Tgt Ion	78	Resp	323082
Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.3	28.9





#41

Methacrylonitrile

Concen: 20.051 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS01

Tot Ion: 41 Resp: 61372

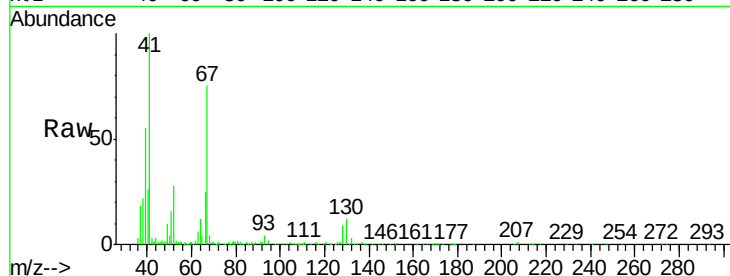
Ion Ratio Lower Upper

41 100

39 56.5 44.5 66.7

67 75.4 60.4 90.6

52 30.3 24.1 36.1

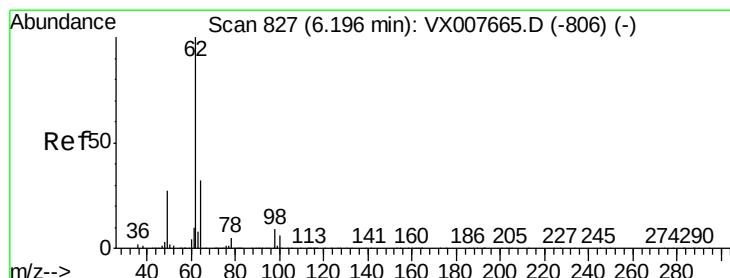
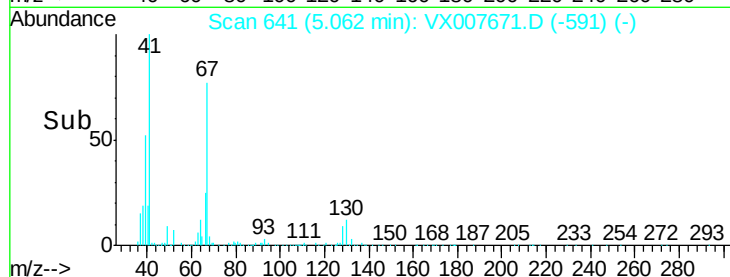
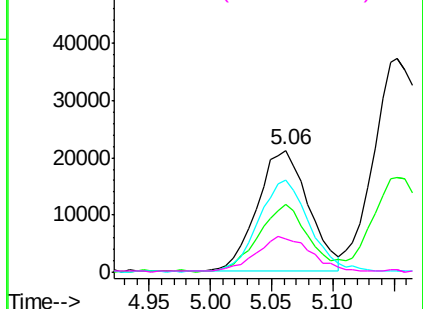


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.301 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007671.D

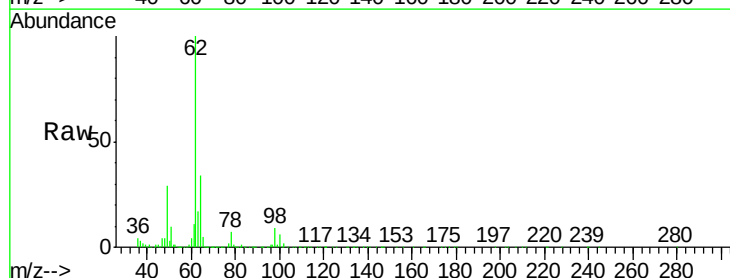
Acq: 25 Feb 2019 14:07

Tgt Ion: 62 Resp: 103337

Ion Ratio Lower Upper

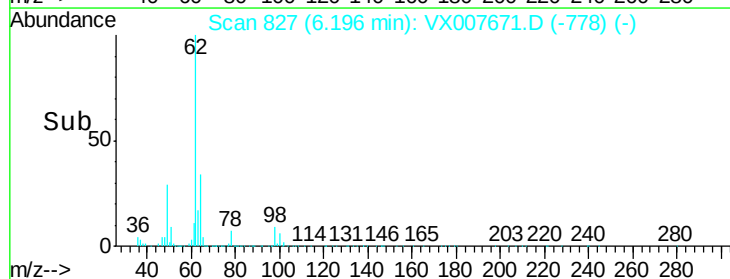
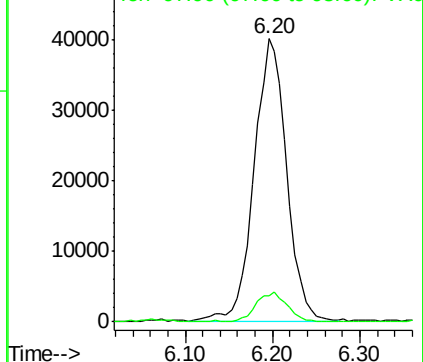
62 100

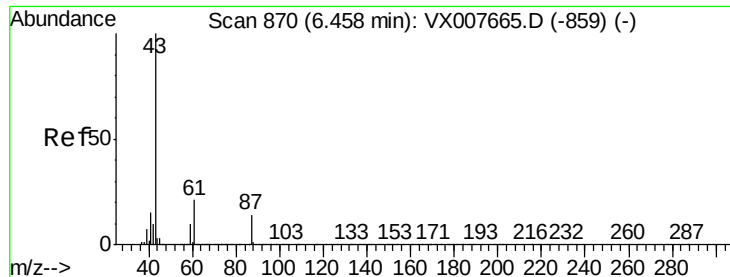
98 10.3 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.773 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS01

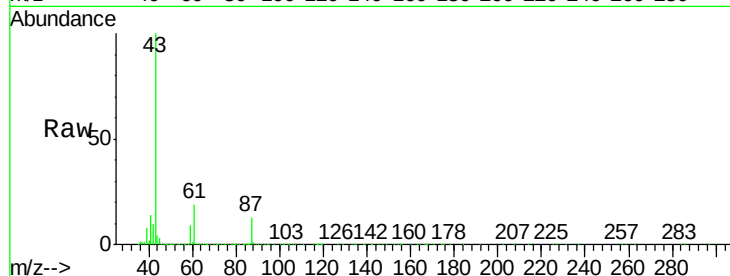
Tot Ion: 43 Resp: 174432

Ion Ratio Lower Upper

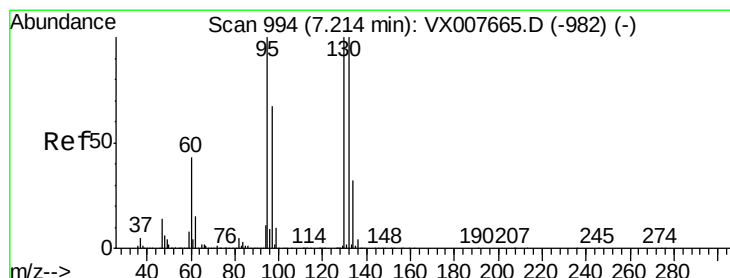
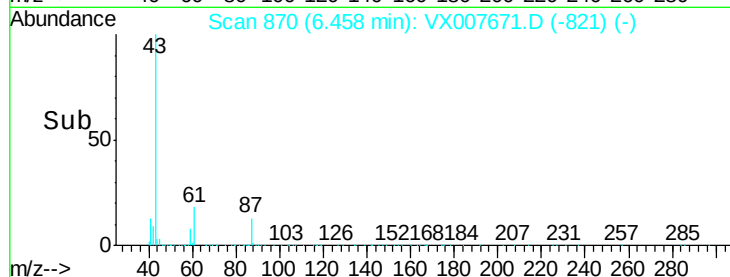
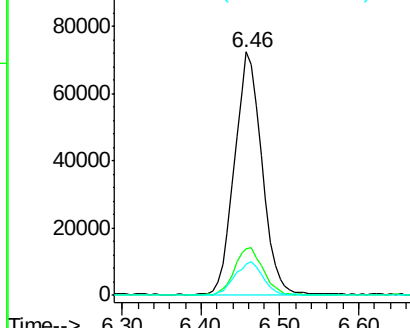
43 100

61 20.7 16.1 24.1

87 14.5 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.802 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007671.D

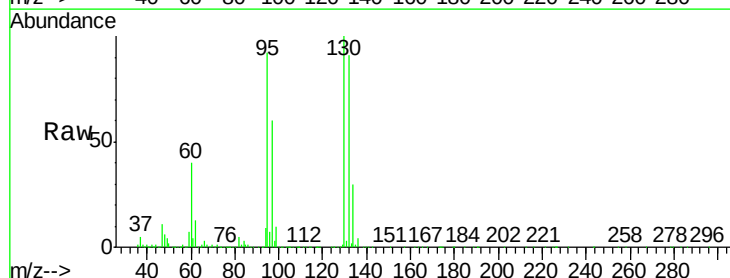
Acq: 25 Feb 2019 14:07

Tgt Ion:130 Resp: 86769

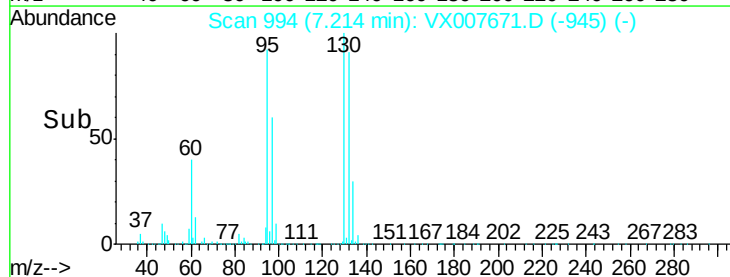
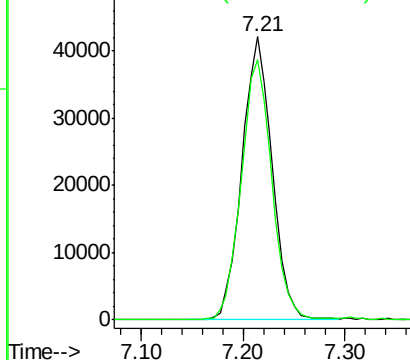
Ion Ratio Lower Upper

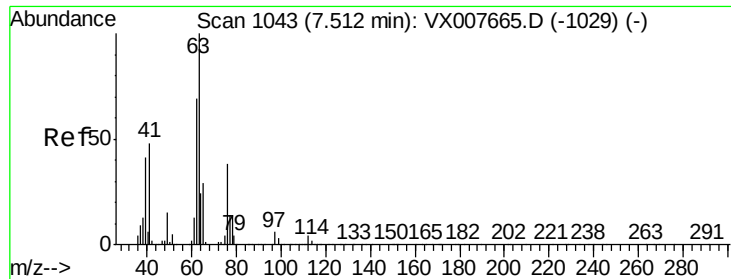
130 100

95 92.0 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.861 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

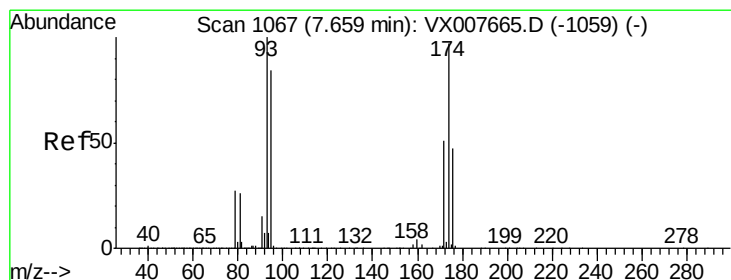
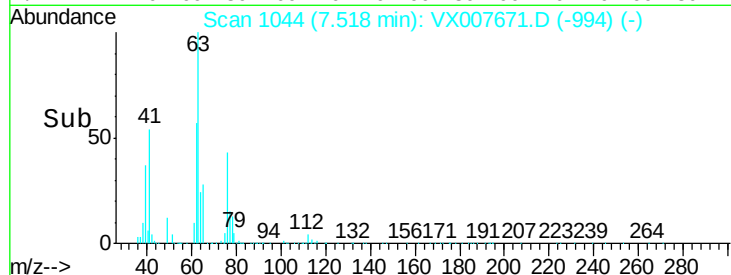
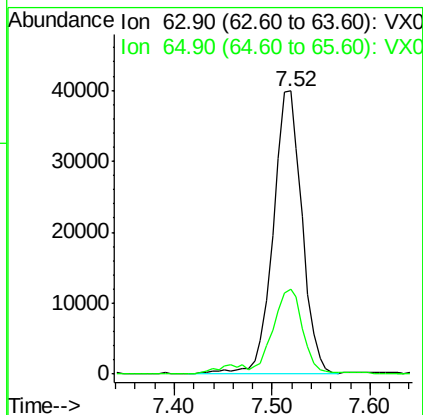
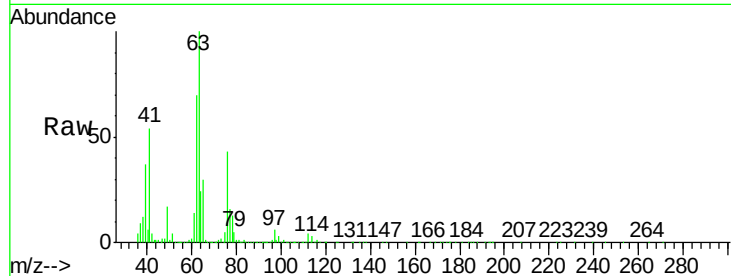
VX0225WBS01

Tot Ion: 63 Resp: 81950

Ion Ratio Lower Upper

63 100

65 29.4 24.2 36.2



#46

Dibromomethane

Concen: 19.233 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

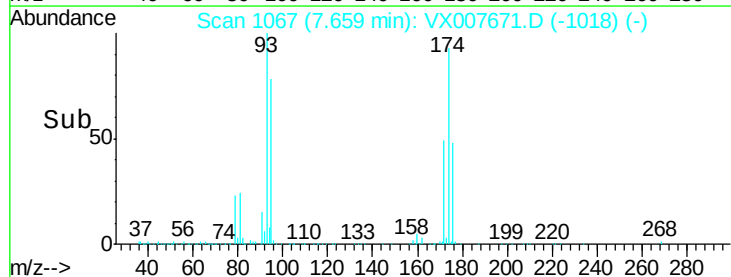
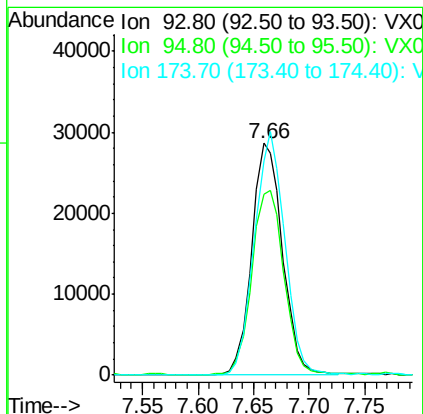
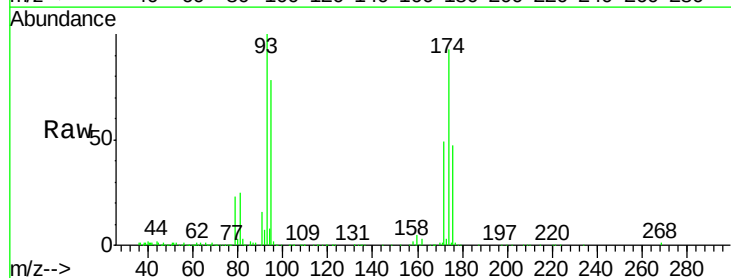
Tgt Ion: 93 Resp: 55364

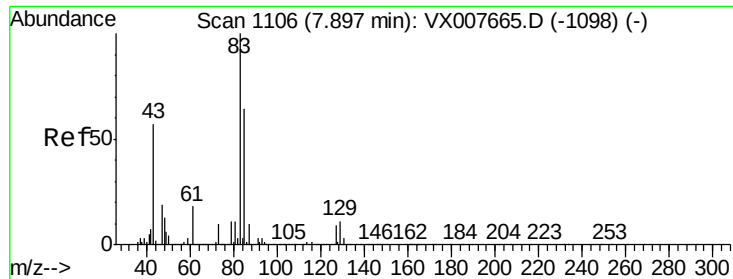
Ion Ratio Lower Upper

93 100

95 84.0 67.6 101.4

174 103.9 94.2 141.4





#47

Bromodichloromethane

Concen: 18.988 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS01

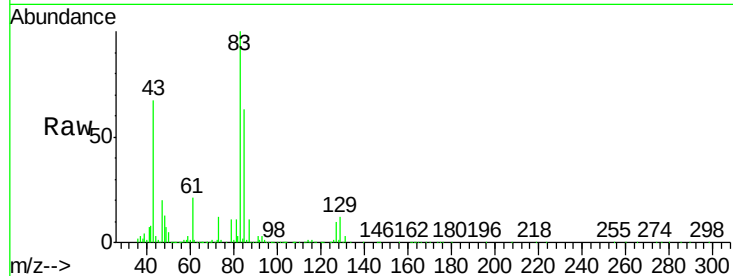
Tot Ion: 83 Resp: 94724

Ion Ratio Lower Upper

83 100

85 63.4 51.4 77.0

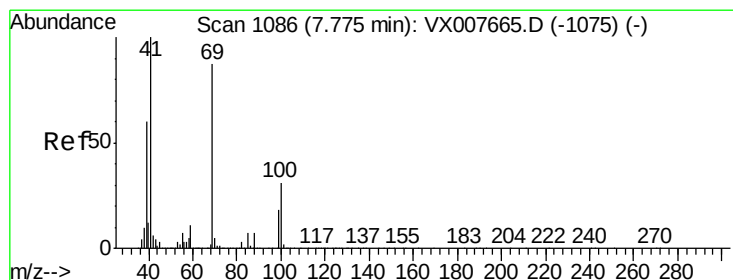
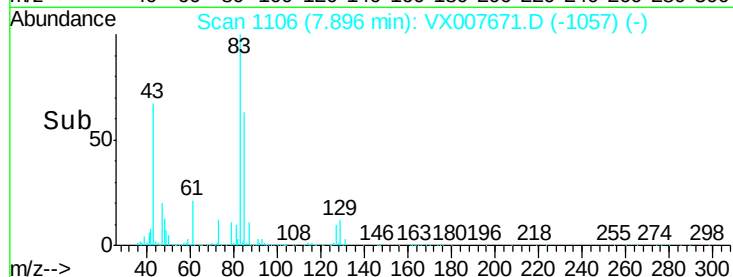
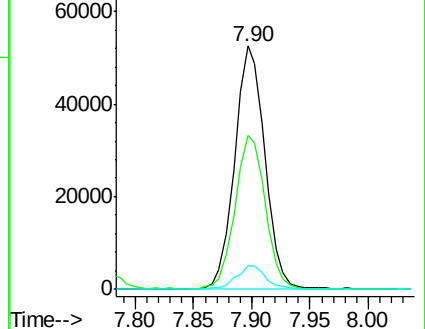
127 9.5 8.1 12.1



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: 19.433 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

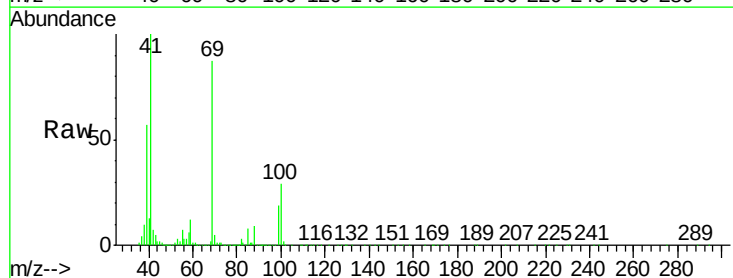
Tgt Ion: 41 Resp: 89864

Ion Ratio Lower Upper

41 100

69 89.7 70.2 105.4

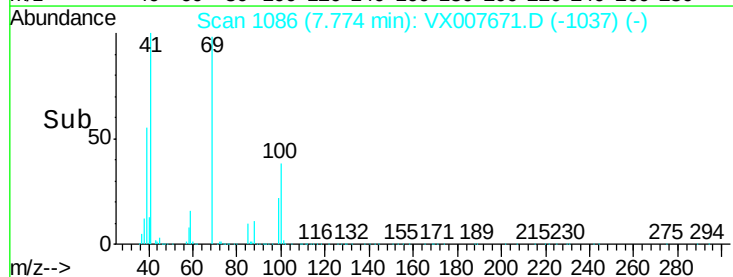
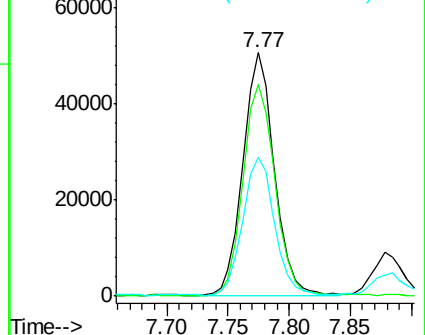
39 57.6 47.4 71.0

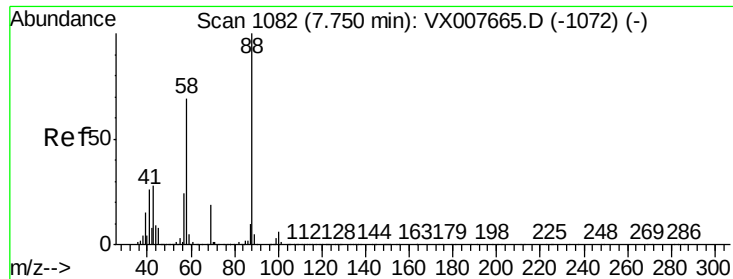


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 410.155 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS01

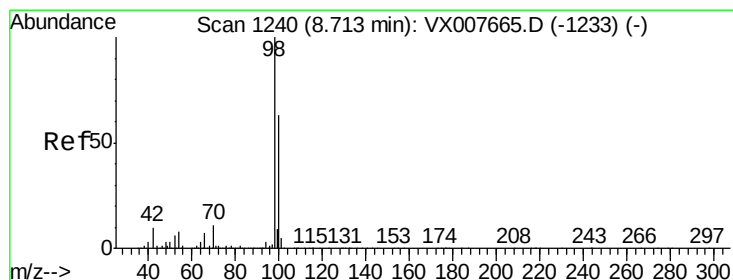
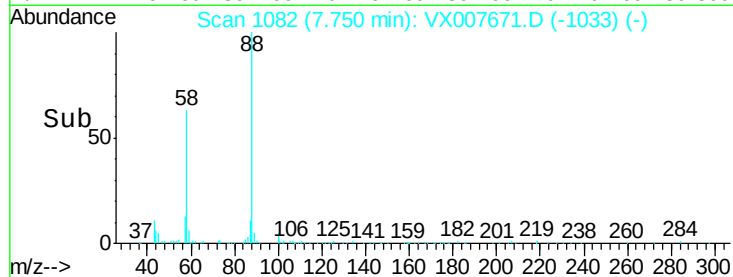
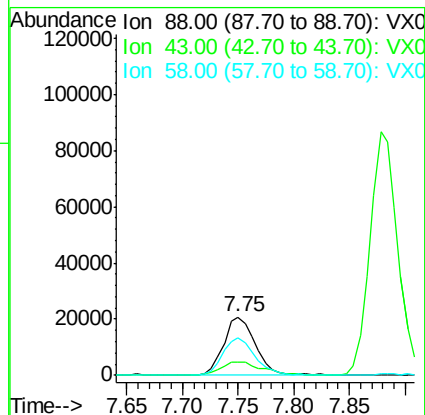
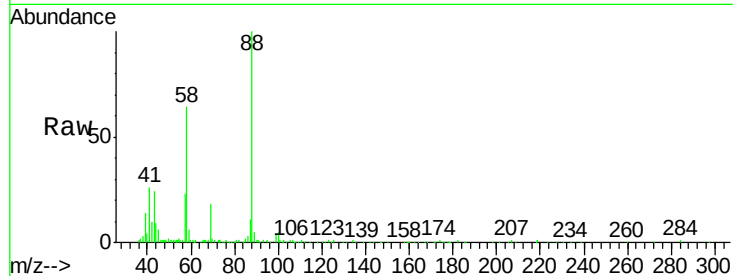
Tot Ion: 88 Resp: 40965

Ion Ratio Lower Upper

88 100

43 31.4 24.2 36.4

58 67.9 53.0 79.4



#50

Toluene-d8

Concen: 47.251 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007671.D

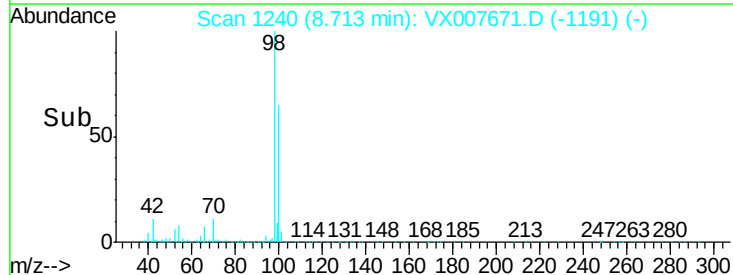
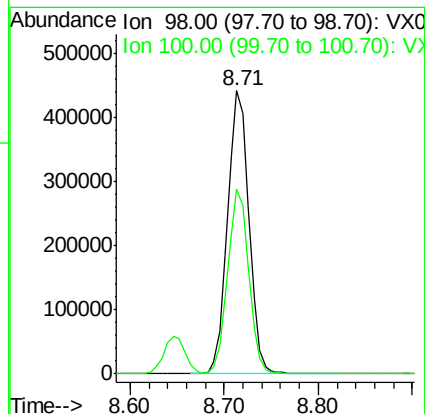
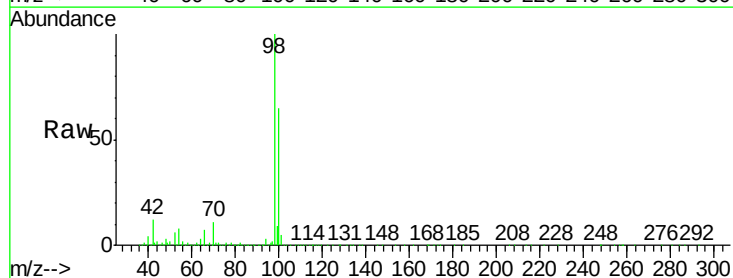
Acq: 25 Feb 2019 14:07

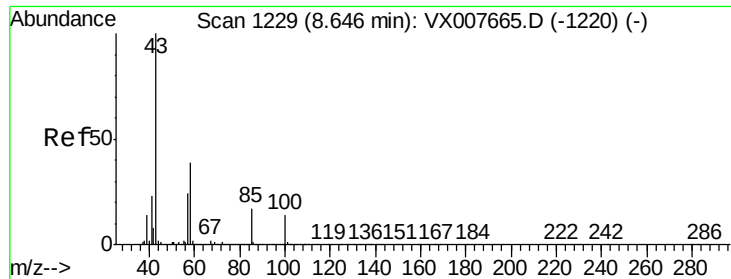
Tgt Ion: 98 Resp: 694050

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4

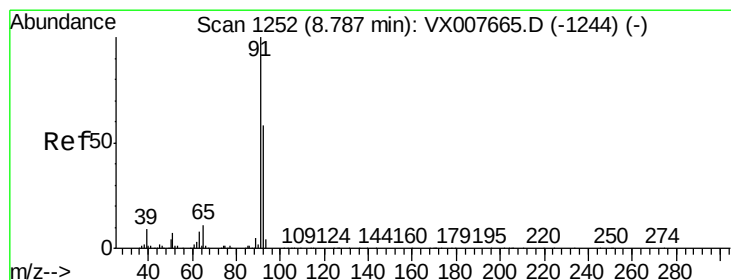
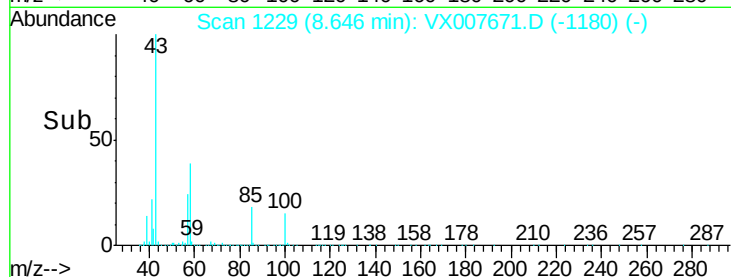
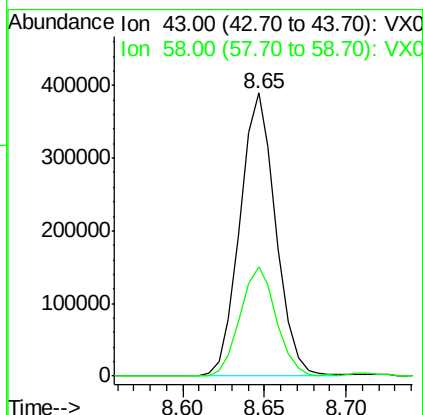
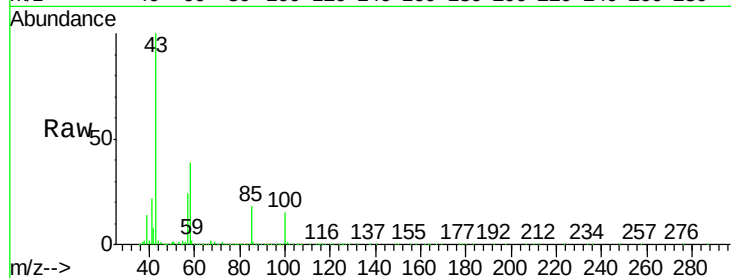




#51
4-Methyl-2-Pentanone
Concen: 100.892 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

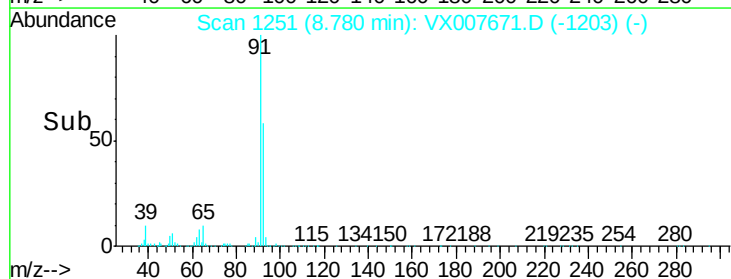
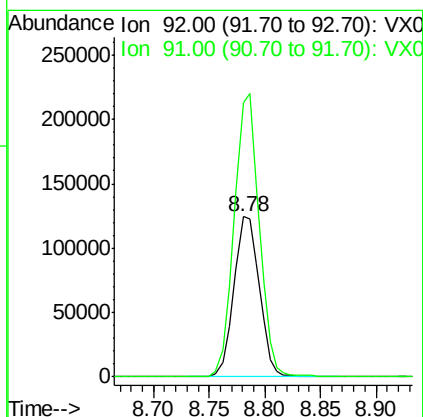
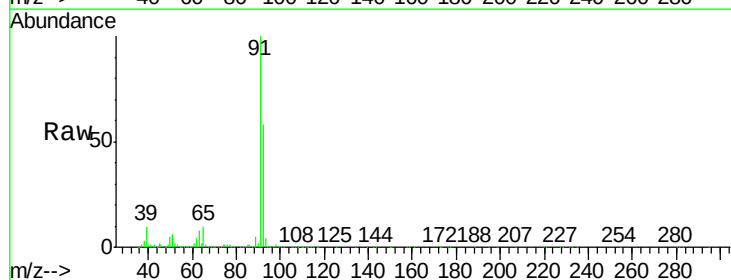
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS01

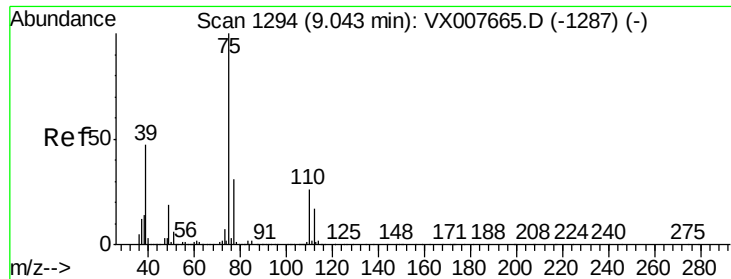
Tot Ion: 43 Resp: 595787
Ion Ratio Lower Upper
43 100
58 39.0 31.2 46.8



#52
Toluene
Concen: 19.669 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Tgt Ion: 92 Resp: 197571
Ion Ratio Lower Upper
92 100
91 174.2 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 18.680 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

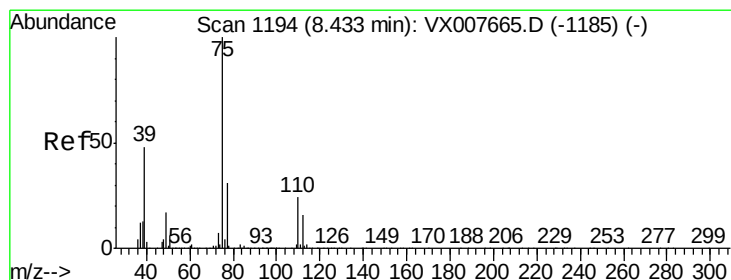
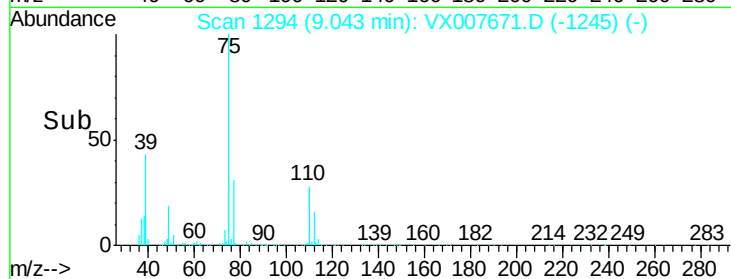
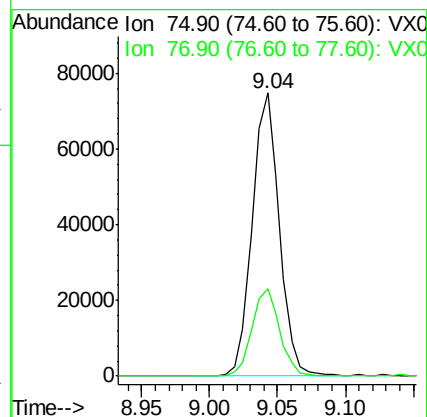
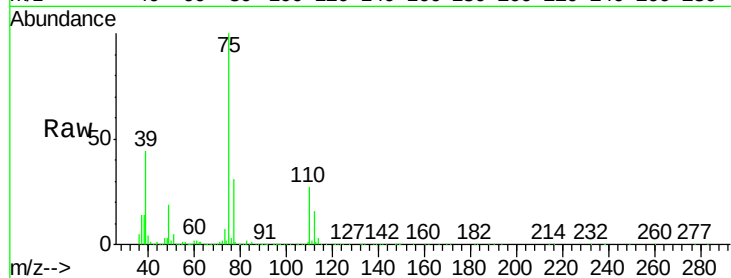
VX0225WBS01

Tot Ion: 75 Resp: 104314

Ion Ratio Lower Upper

75 100

77 31.0 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.488 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

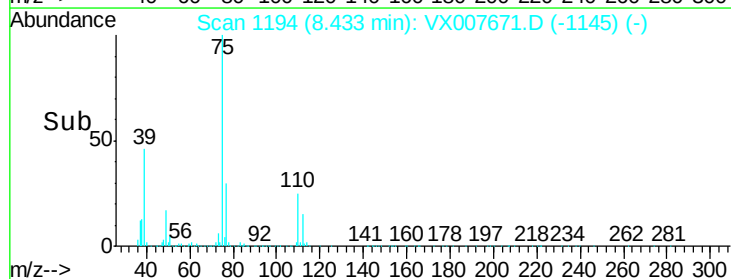
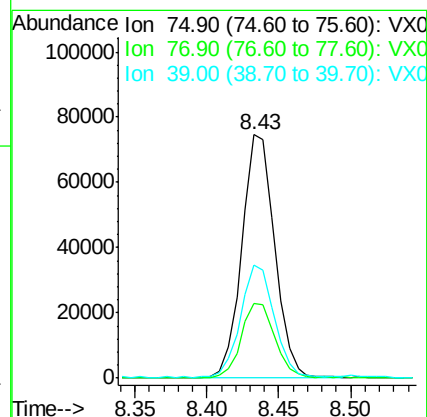
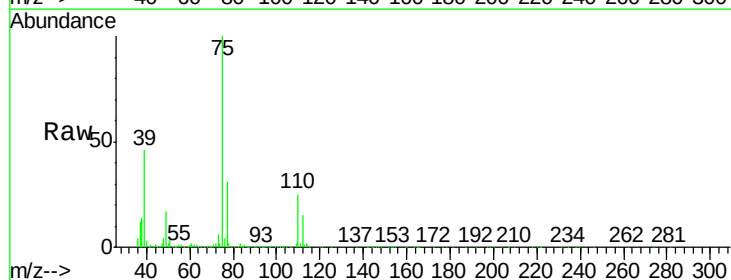
Tgt Ion: 75 Resp: 117977

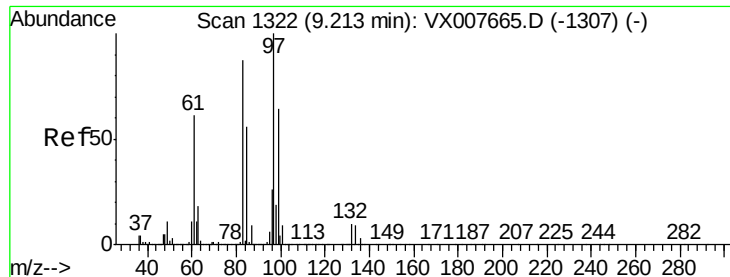
Ion Ratio Lower Upper

75 100

77 30.3 26.2 39.4

39 45.9 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 19.763 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS01

Tot Ion: 97 Resp: 82780

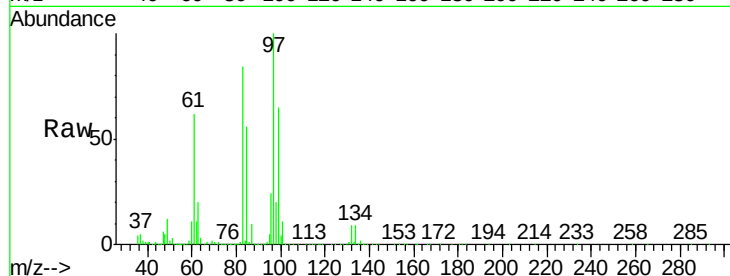
Ion	Ratio	Lower	Upper
97	100		
83	84.2	68.6	102.8
85	56.3	44.5	66.7
99	64.7	52.2	78.4

97 100

83 84.2 68.6 102.8

85 56.3 44.5 66.7

99 64.7 52.2 78.4



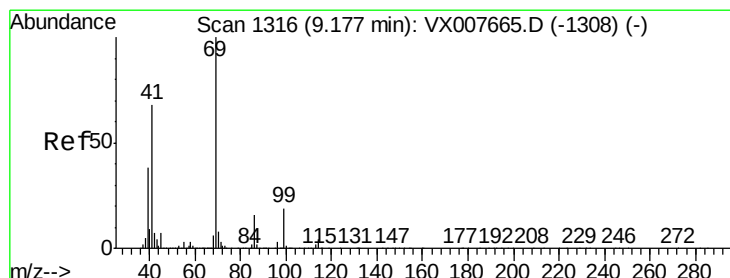
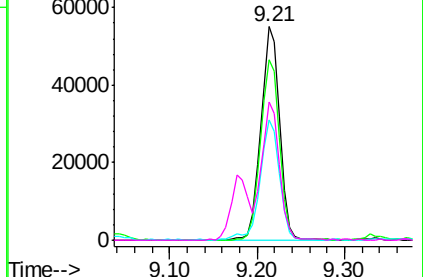
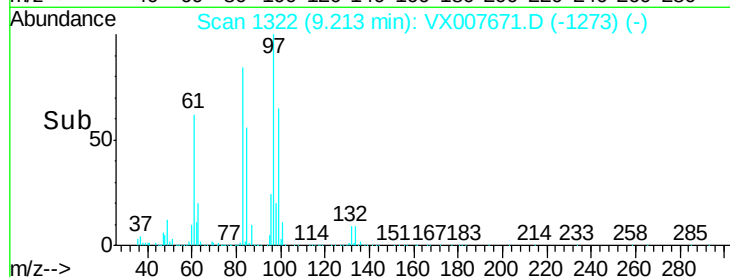
Abundance Ion 96.90 (96.60 to 97.60): VX0

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

Time-->



#56

Ethyl methacrylate

Concen: 19.731 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

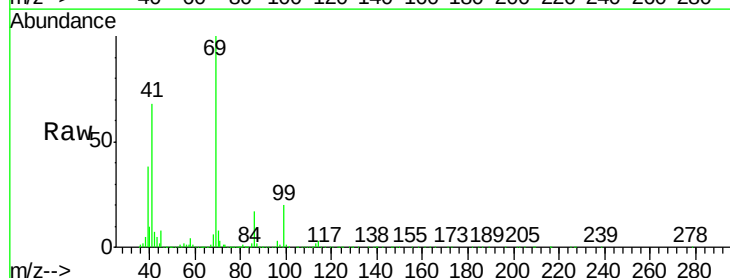
Tgt Ion: 69 Resp: 117530

Ion	Ratio	Lower	Upper
69	100		
41	65.1	52.1	78.1
39	36.2	30.1	45.1

69 100

41 65.1 52.1 78.1

39 36.2 30.1 45.1

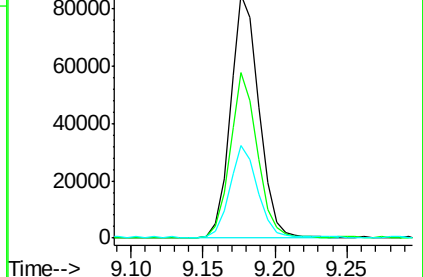
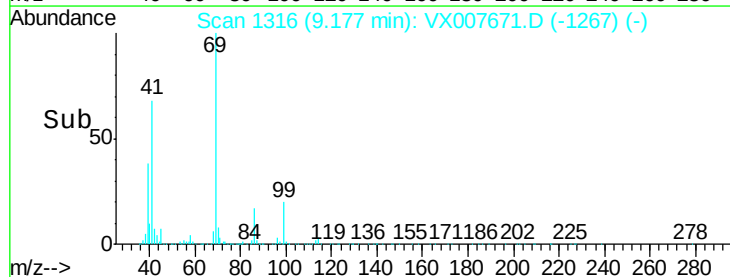


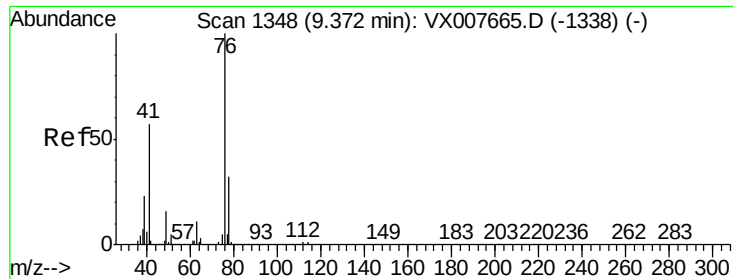
Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->





#57

1,3-Dichloropropane

Concen: 20.123 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampled :

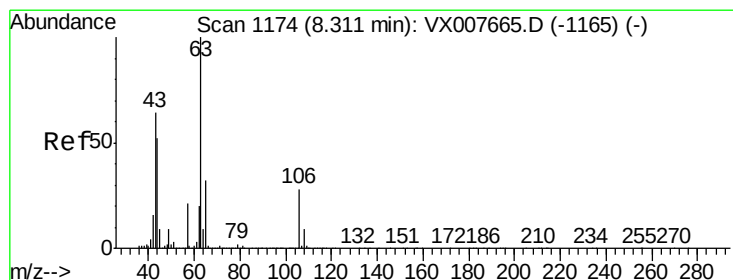
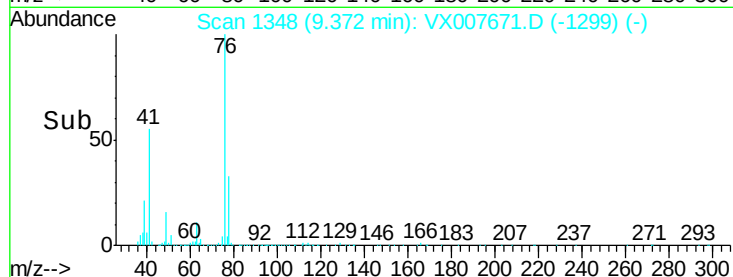
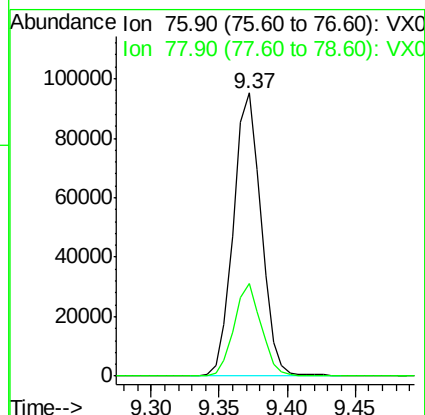
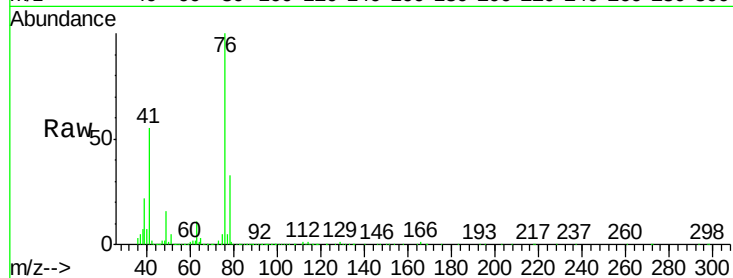
VX0225WBS01

Tot Ion: 76 Resp: 134927

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 95.551 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007671.D

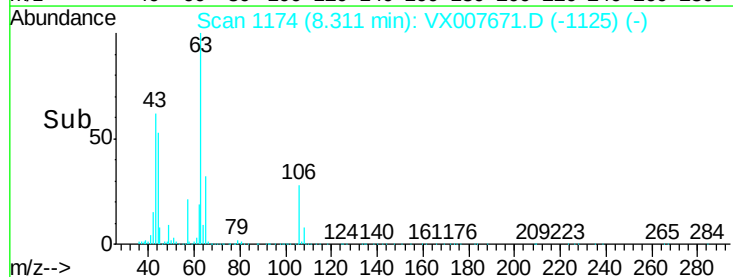
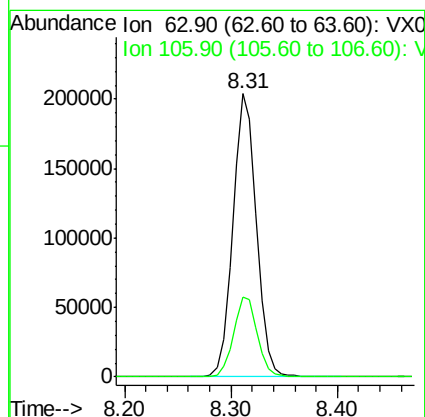
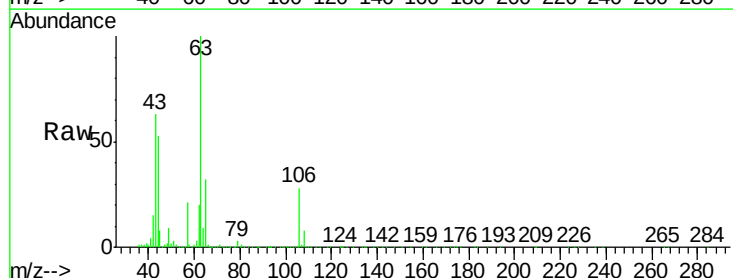
Acq: 25 Feb 2019 14:07

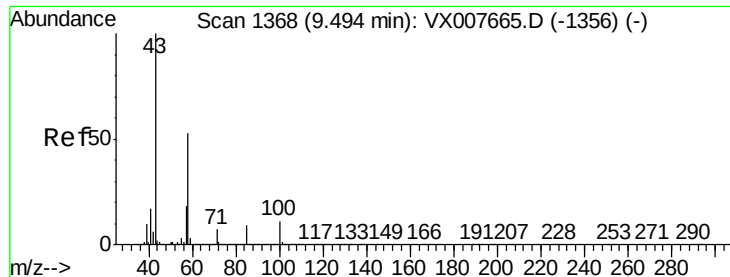
Tgt Ion: 63 Resp: 313860

Ion Ratio Lower Upper

63 100

106 28.8 23.6 35.4

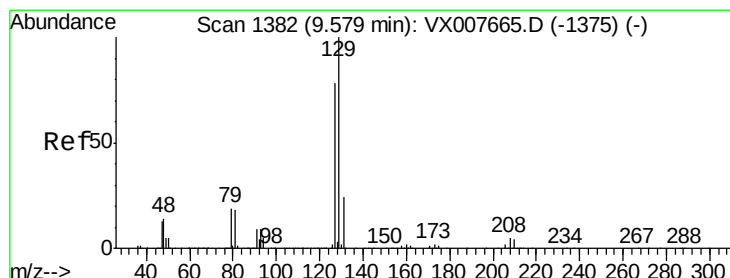
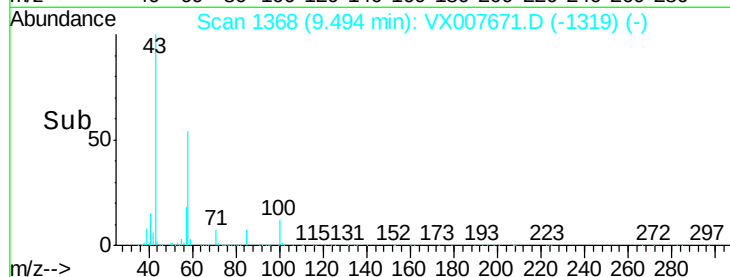
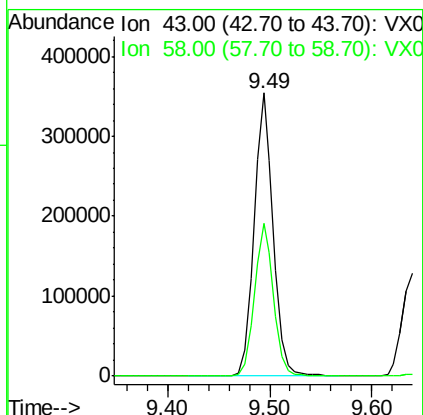
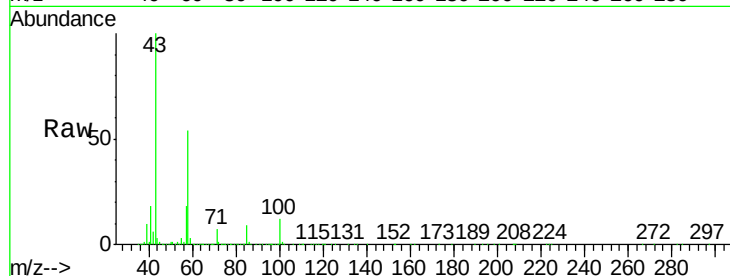




#59
2-Hexanone
Concen: 99.801 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

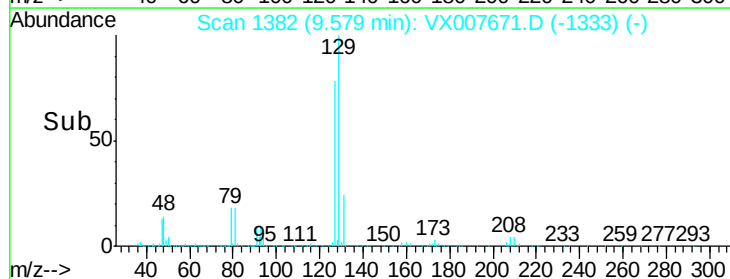
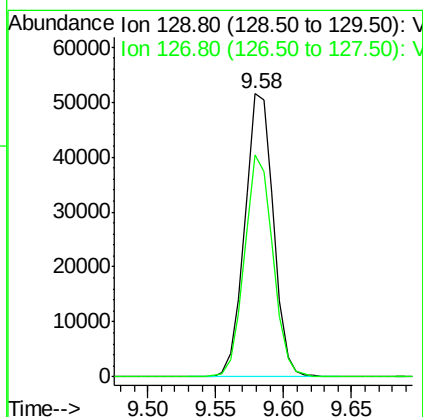
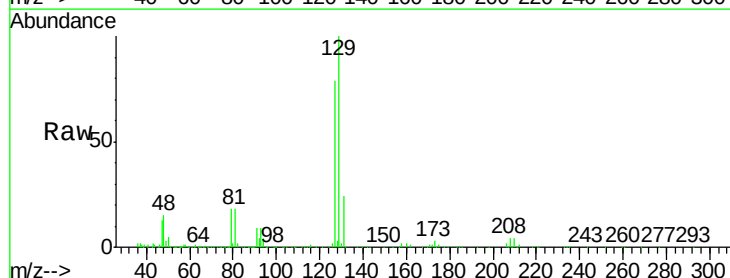
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS01

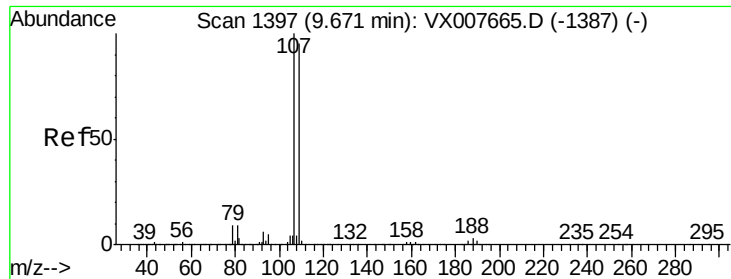
Tot Ion: 43 Resp: 462690
Ion Ratio Lower Upper
43 100
58 54.0 27.1 81.3



#60
Dibromochloromethane
Concen: 18.887 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Tgt Ion: 129 Resp: 76122
Ion Ratio Lower Upper
129 100
127 77.6 37.8 113.4





#61

1,2-Dibromoethane

Concen: 20.058 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

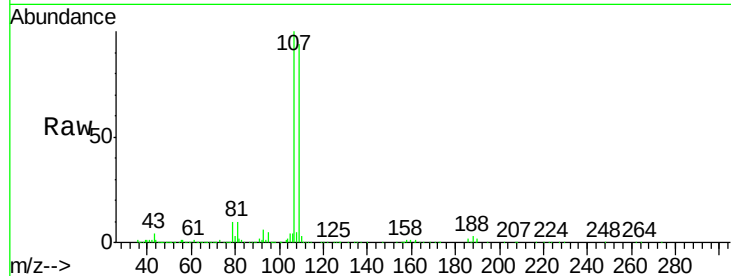
VX0225WBS01

Tot Ion:107 Resp: 87230

Ion Ratio Lower Upper

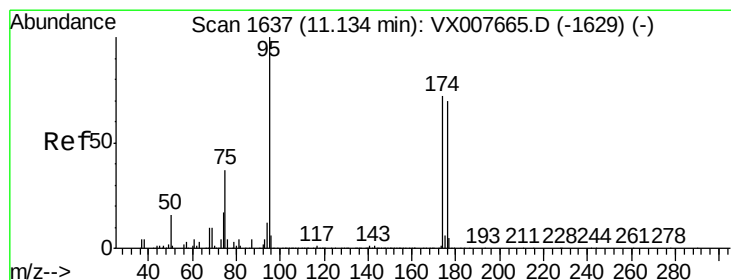
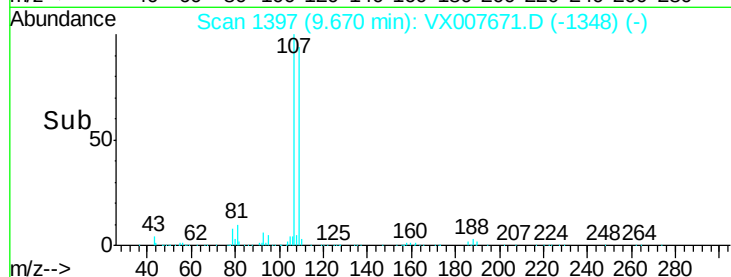
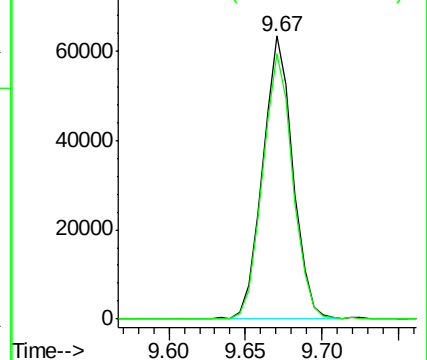
107 100

109 94.6 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.865 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

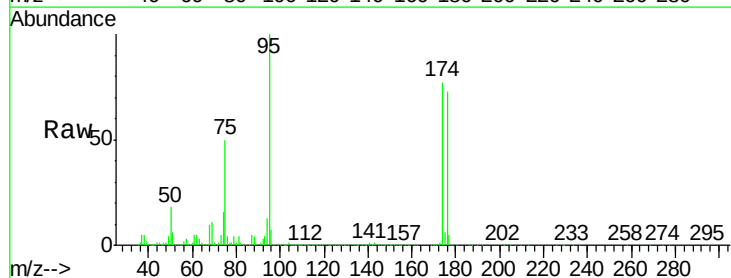
Tgt Ion: 95 Resp: 241878

Ion Ratio Lower Upper

95 100

174 83.2 0.0 189.2

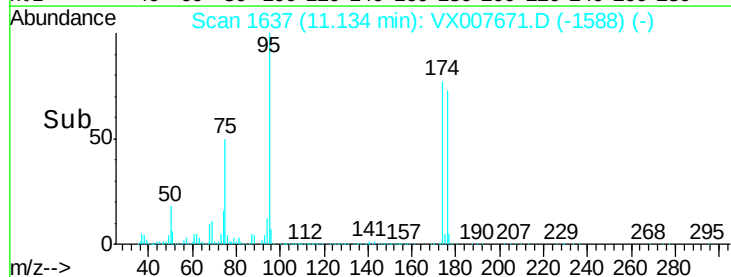
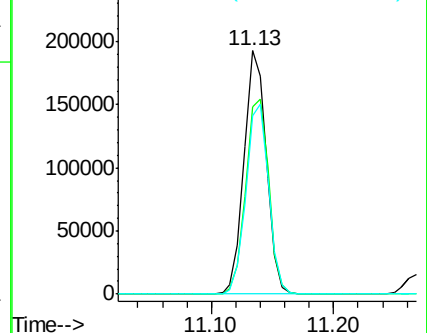
176 79.7 0.0 186.2

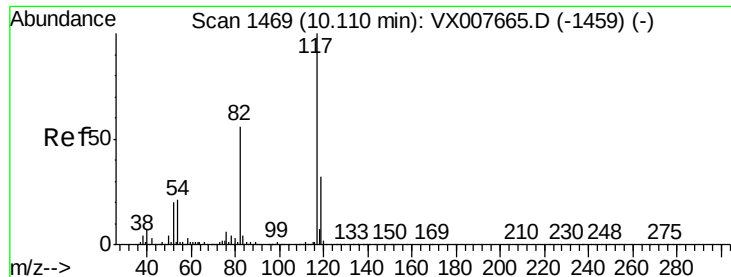


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

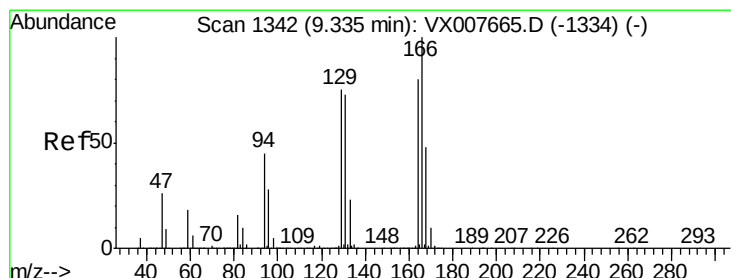
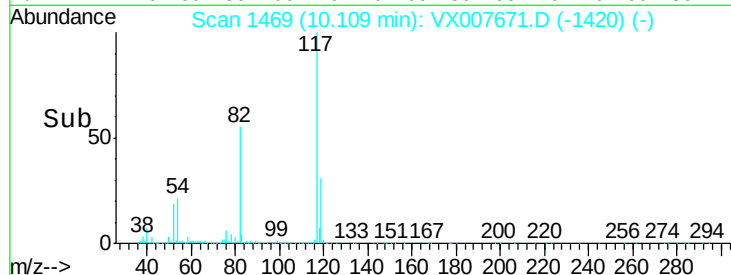
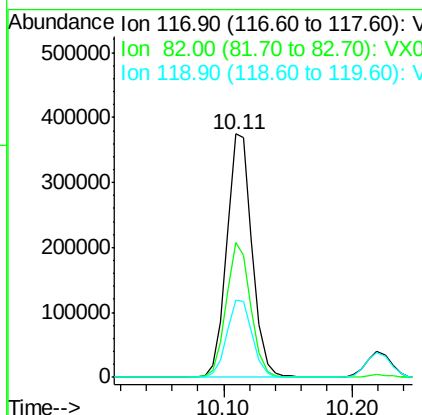
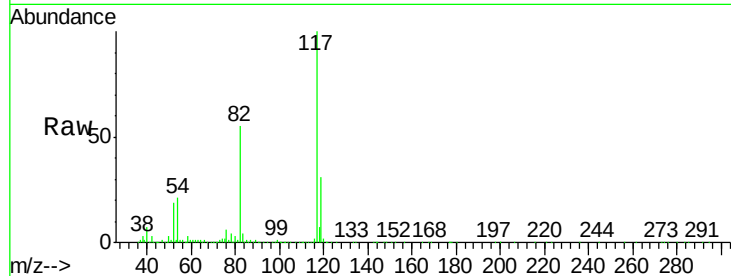




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

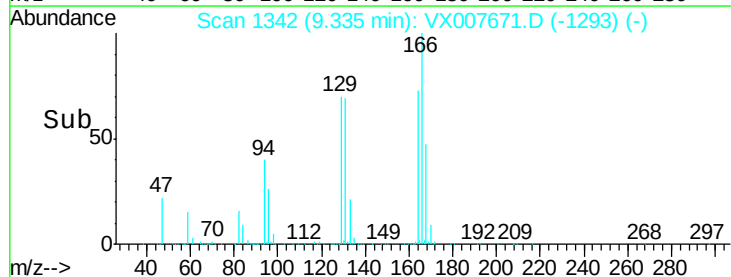
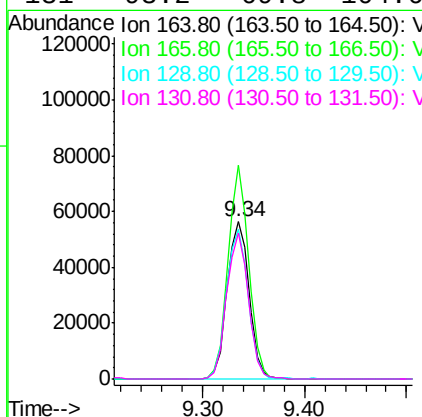
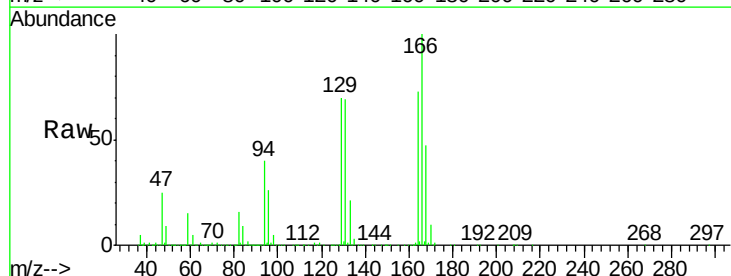
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS01

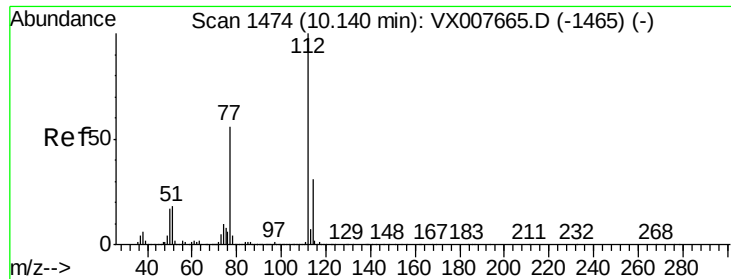
Tot Ion:117 Resp: 515804
Ion Ratio Lower Upper
117 100
82 55.4 42.1 63.1
119 31.5 26.5 39.7



#64
Tetrachloroethene
Concen: 19.992 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Tgt Ion:164 Resp: 83715
Ion Ratio Lower Upper
164 100
166 136.2 101.0 151.4
129 95.2 70.5 105.7
131 93.2 69.8 104.6

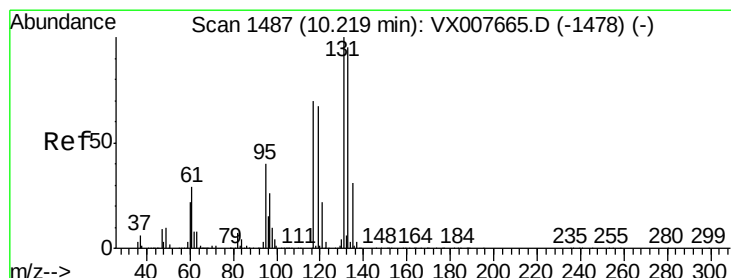
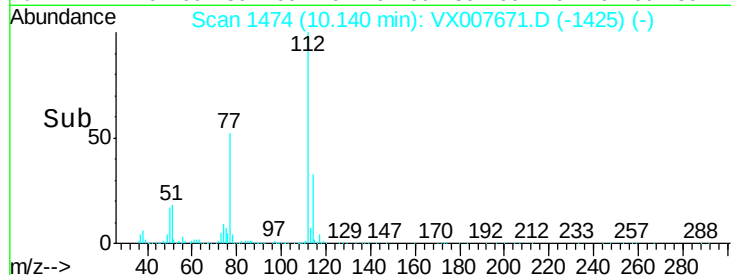
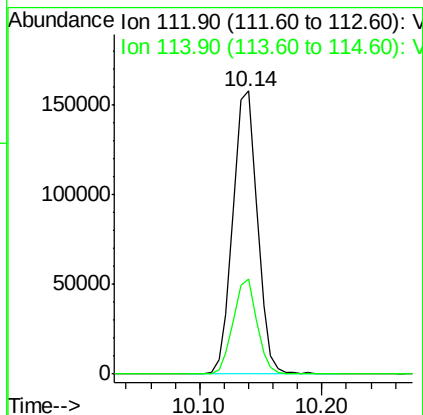
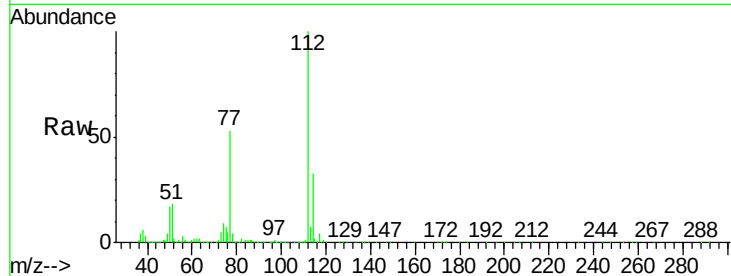




#65
Chlorobenzene
Concen: 19.549 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

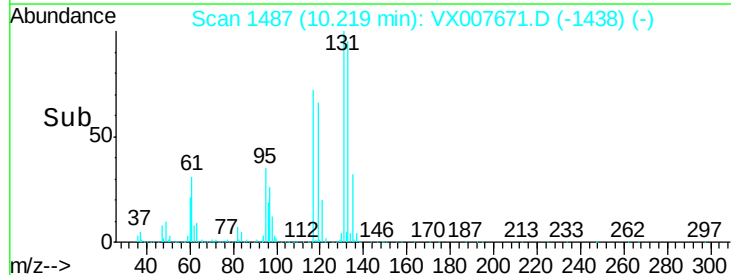
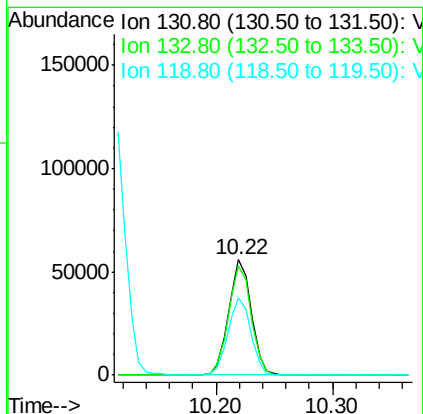
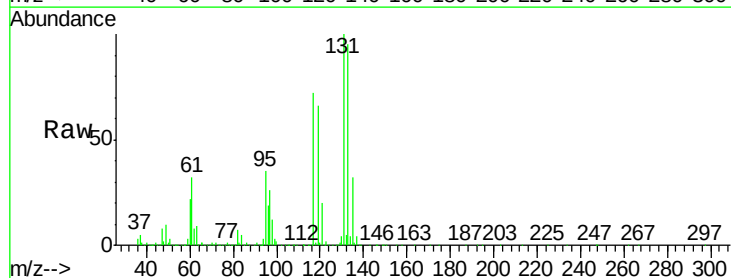
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS01

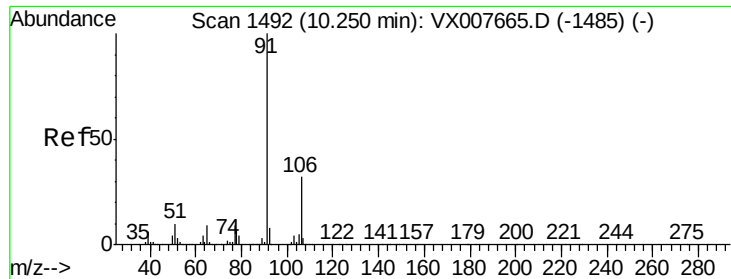
Tot Ion:112 Resp: 218087
Ion Ratio Lower Upper
112 100
114 33.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.483 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Tgt Ion:131 Resp: 75818
Ion Ratio Lower Upper
131 100
133 95.2 48.0 144.2
119 67.0 32.0 96.0

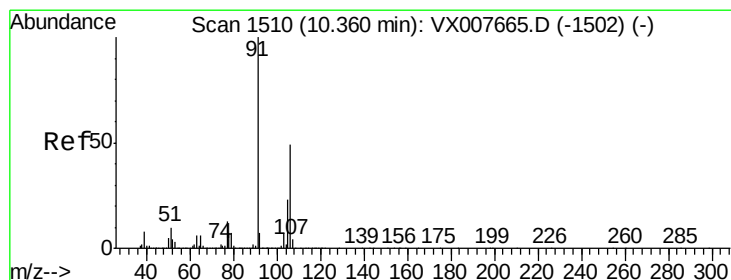
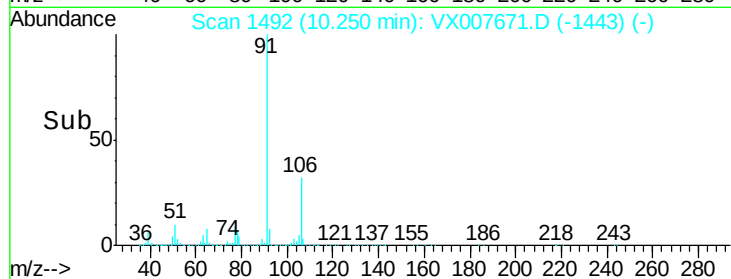
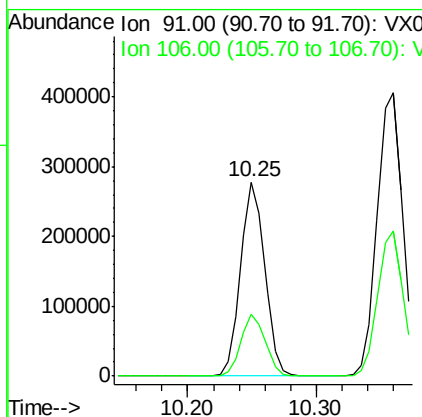
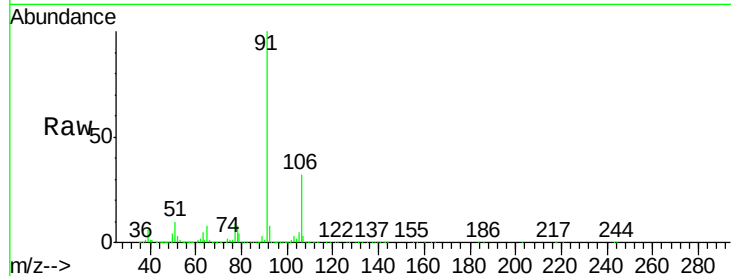




#67
Ethyl Benzene
Concen: 19.627 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

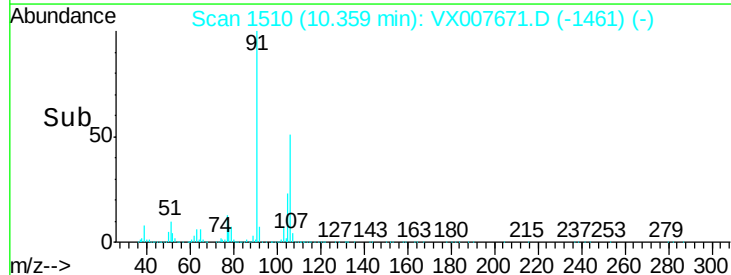
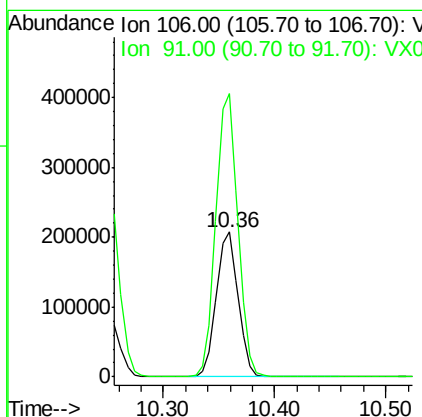
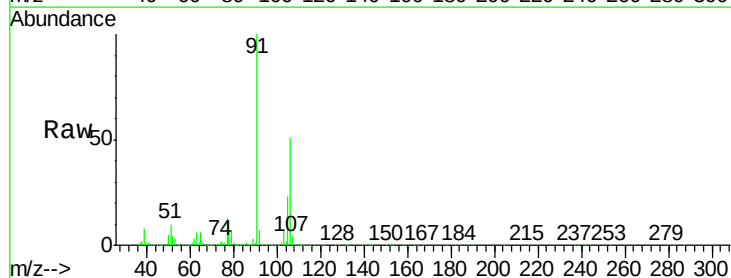
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS01

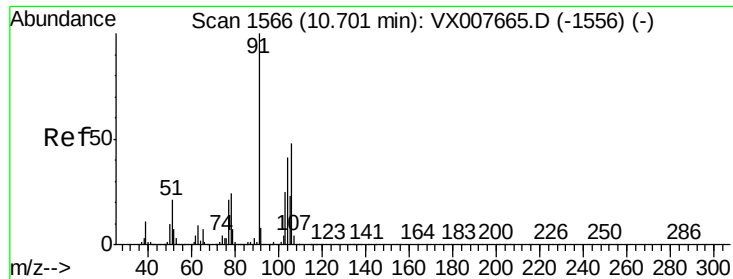
Tot Ion: 91 Resp: 362704
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.0



#68
m/p-Xylenes
Concen: 39.156 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Tgt Ion: 106 Resp: 281506
Ion Ratio Lower Upper
106 100
91 197.2 156.6 234.8

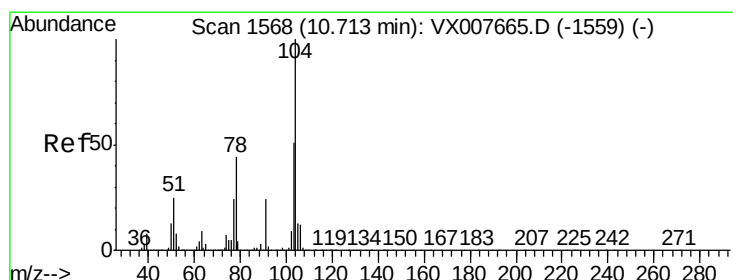
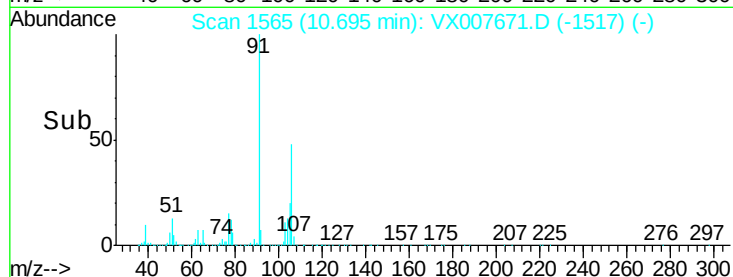
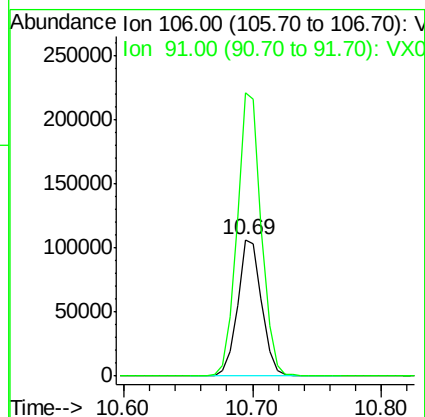
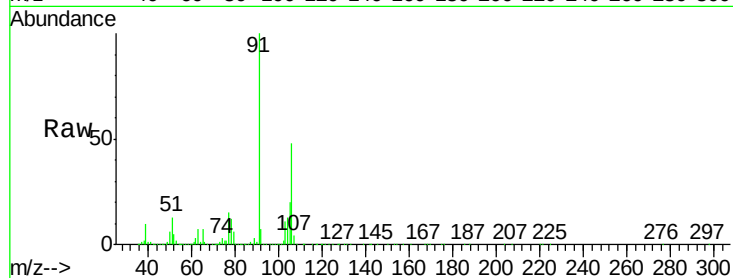




#69
o-Xylene
Concen: 19.911 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

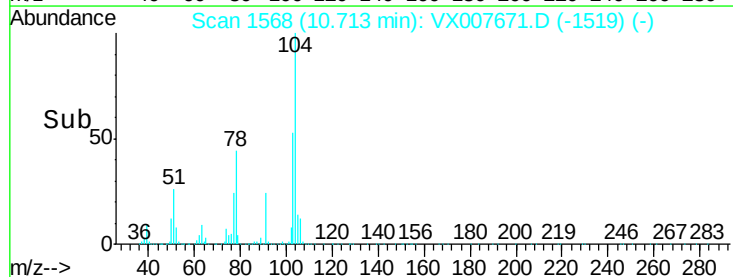
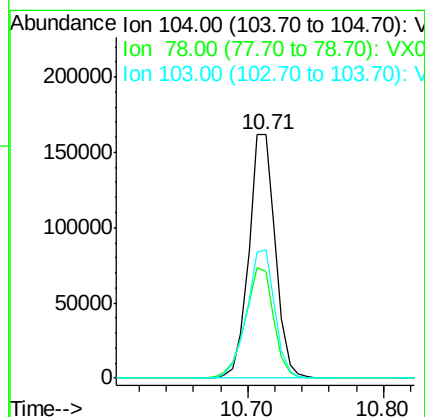
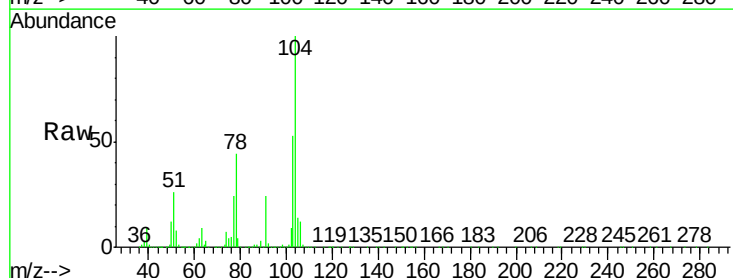
Instrument :
MSVOA_X
ClientSampled :
VX0225WBS01

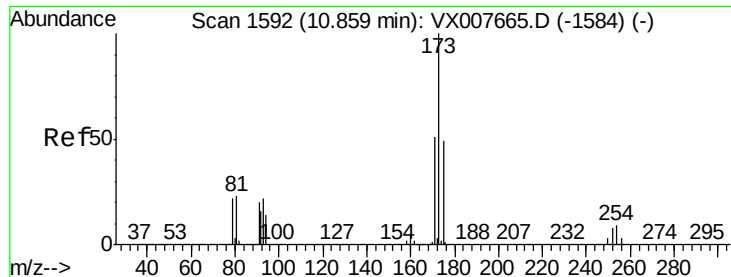
Tot Ion:106 Resp: 137689
Ion Ratio Lower Upper
106 100
91 209.0 102.9 308.7



#70
Styrene
Concen: 19.378 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Tgt Ion:104 Resp: 220267
Ion Ratio Lower Upper
104 100
78 48.4 38.3 57.5
103 56.1 44.6 67.0





#71

Bromoform

Concen: 17.833 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS01

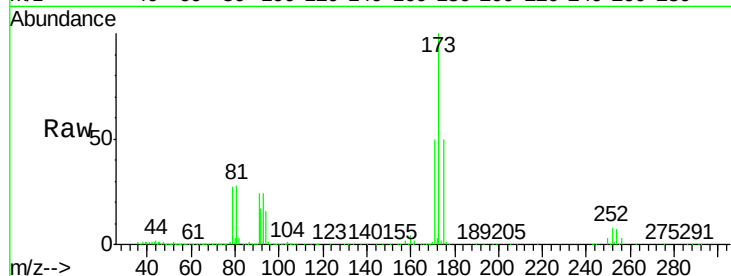
Tot Ion:173 Resp: 52038

Ion Ratio Lower Upper

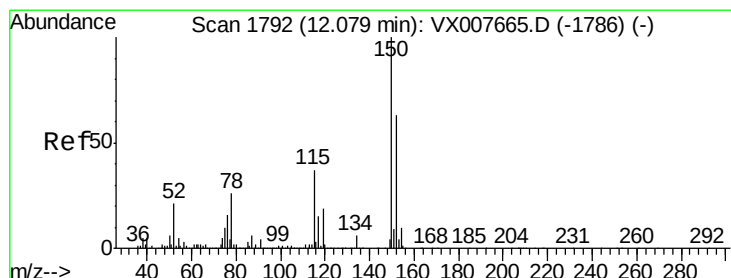
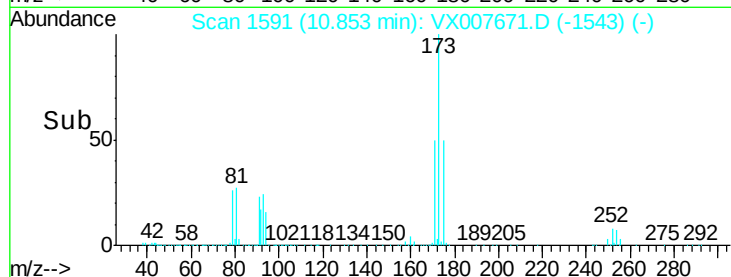
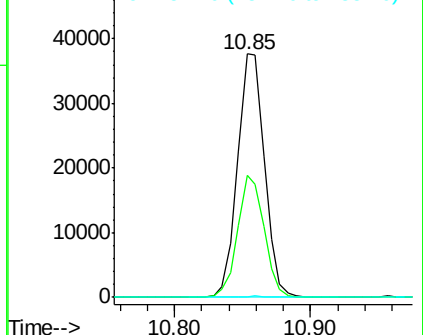
173 100

175 49.1 24.2 72.6

254 0.2 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: VX007671.D

Acq: 25 Feb 2019 14:07

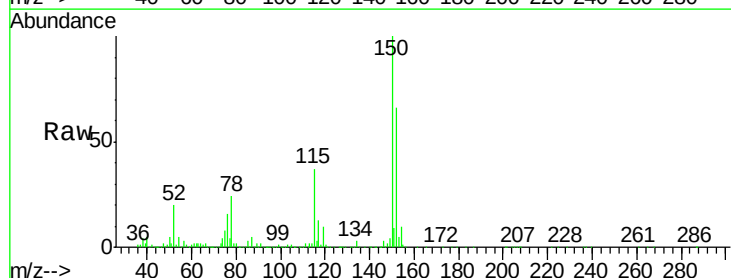
Tgt Ion:152 Resp: 245344

Ion Ratio Lower Upper

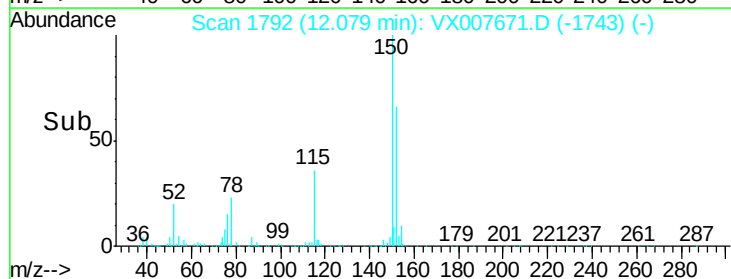
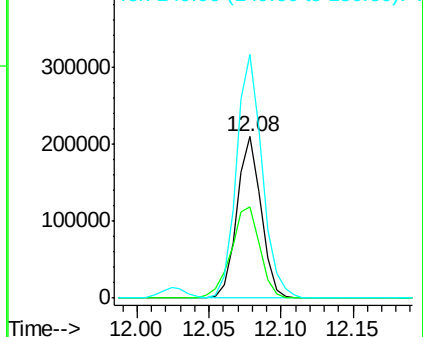
152 100

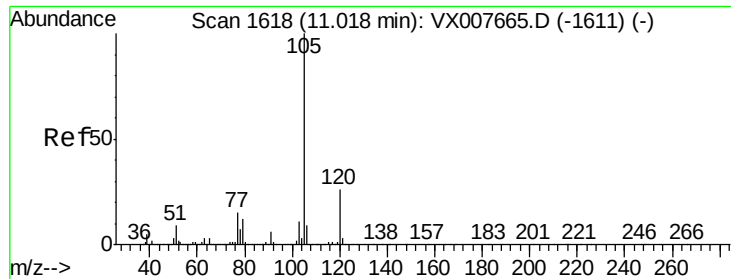
115 67.4 38.0 114.0

150 160.9 0.0 346.4



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





#73

Isopropylbenzene

Concen: 20.783 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

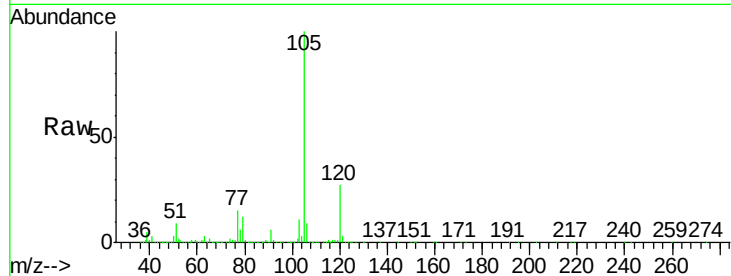
VX0225WBS01

Tot Ion:105 Resp: 364429

Ion Ratio Lower Upper

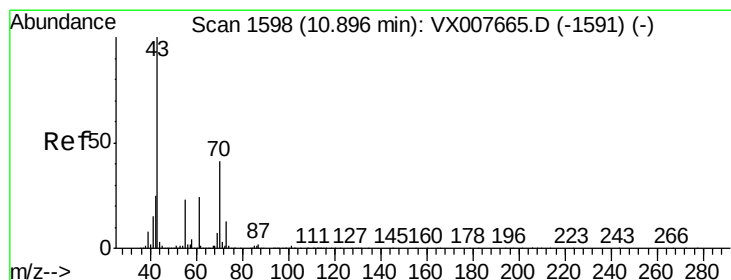
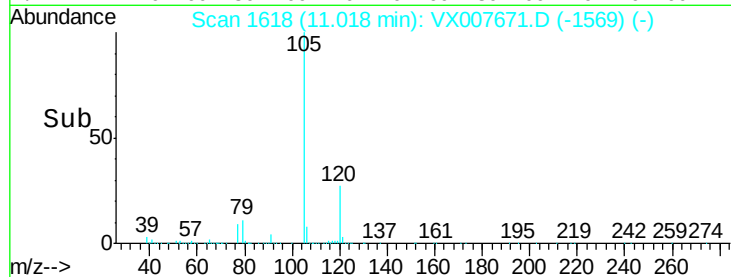
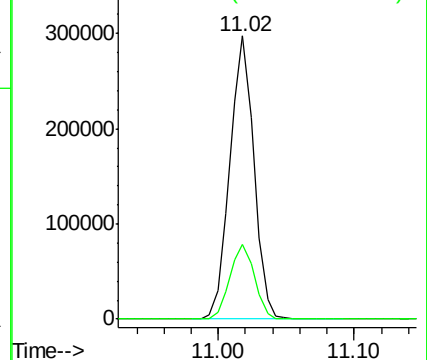
105 100

120 27.0 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.395 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Tgt Ion: 43 Resp: 155306

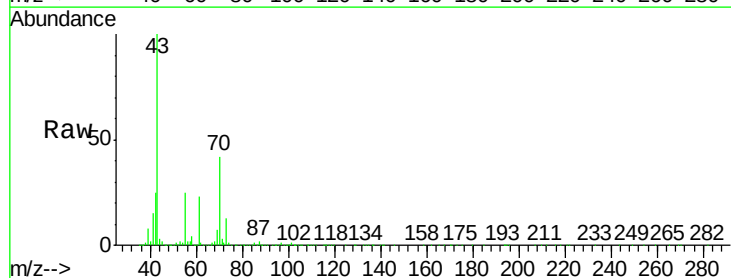
Ion Ratio Lower Upper

43 100

70 43.5 33.8 50.6

55 25.1 19.5 29.3

61 24.1 19.4 29.2

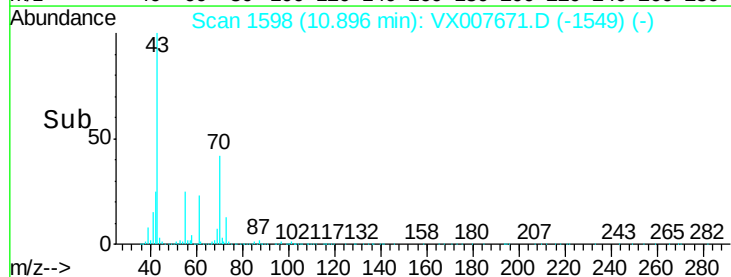
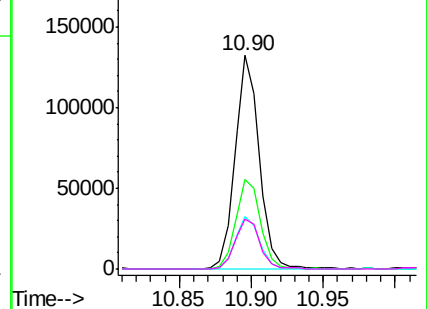


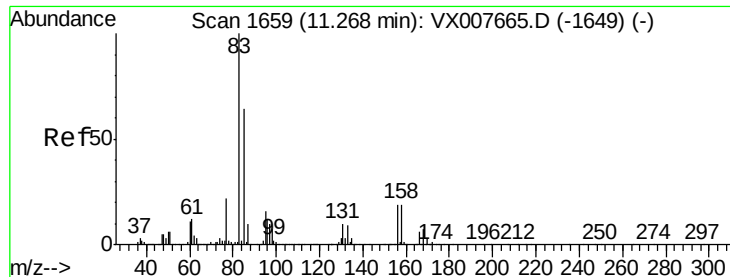
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.340 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS01

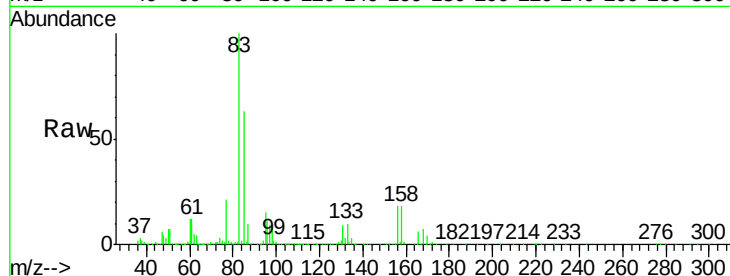
Tot Ion: 83 Resp: 123360

Ion Ratio Lower Upper

83 100

131 10.2 5.7 17.0

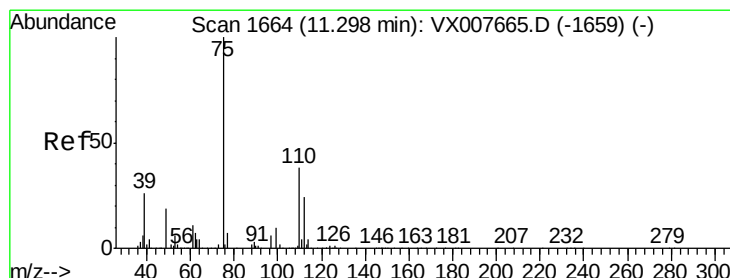
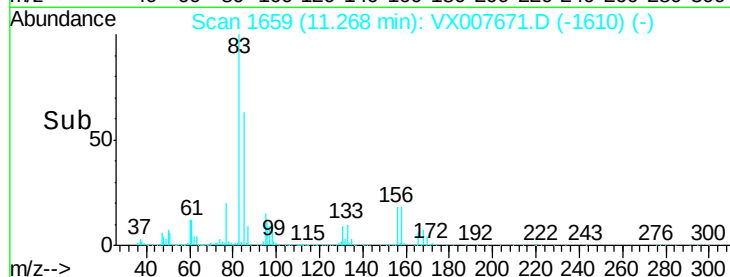
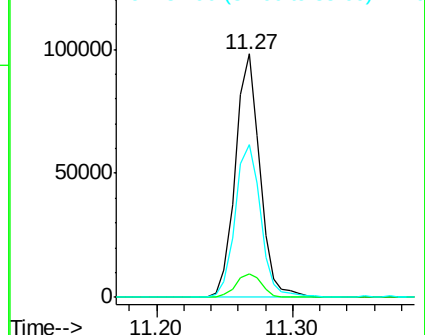
85 65.7 32.8 98.3



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: 26.720 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007671.D

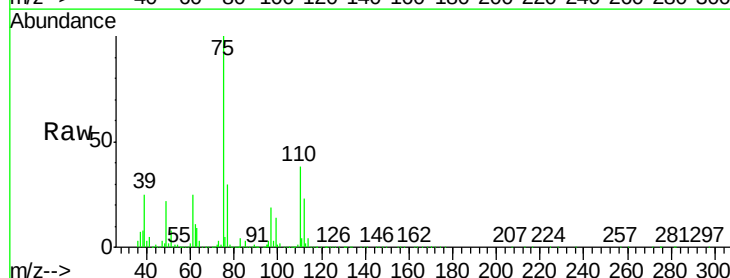
Acq: 25 Feb 2019 14:07

Tgt Ion: 75 Resp: 139736

Ion Ratio Lower Upper

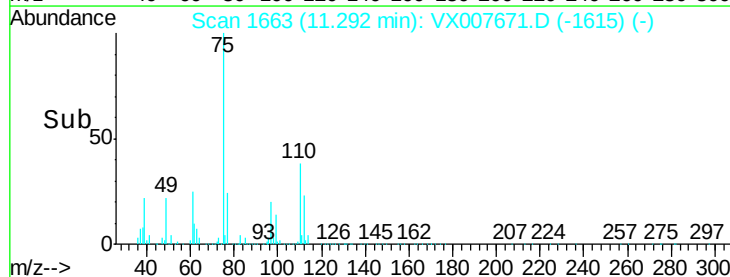
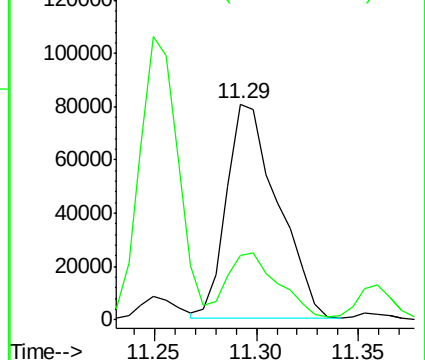
75 100

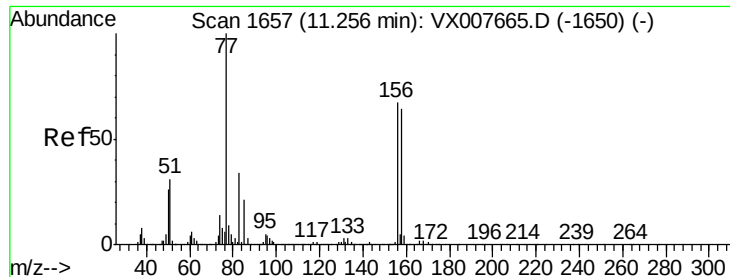
77 32.2 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.239 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampled :

VX0225WBS01

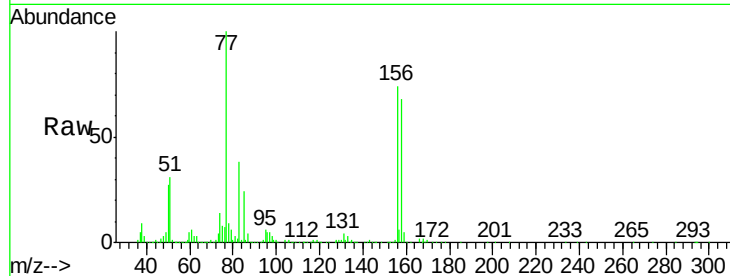
Tot Ion:156 Resp: 93413

Ion Ratio Lower Upper

156 100

77 148.5 66.8 200.6

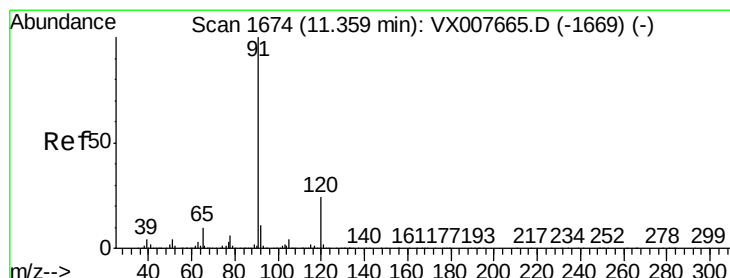
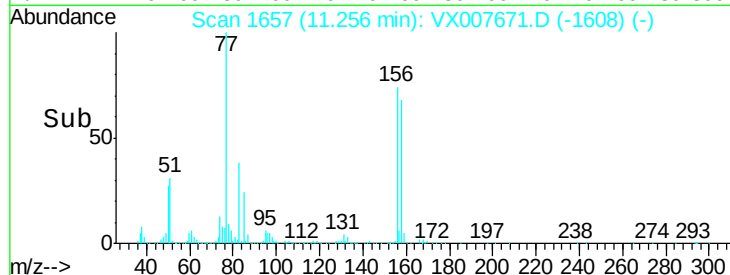
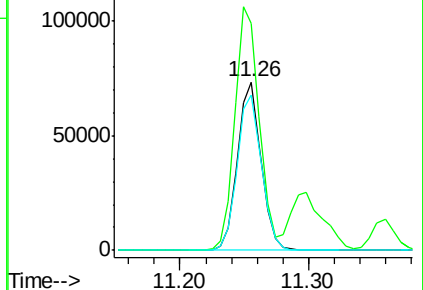
158 95.7 47.9 143.8



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: 20.468 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007671.D

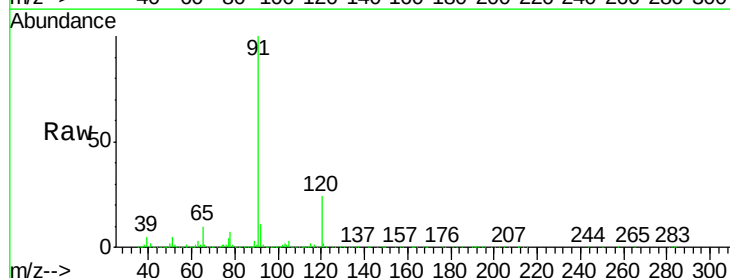
Acq: 25 Feb 2019 14:07

Tgt Ion: 91 Resp: 405565

Ion Ratio Lower Upper

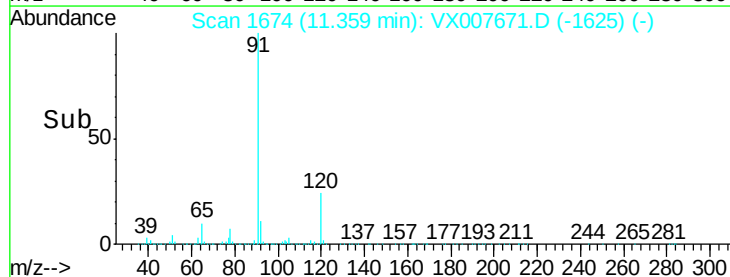
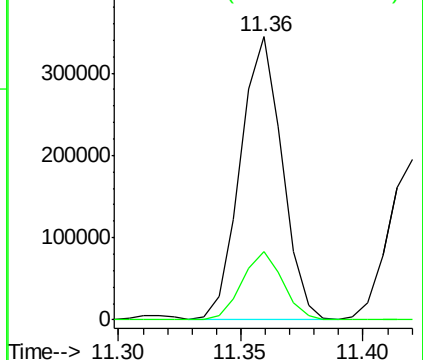
91 100

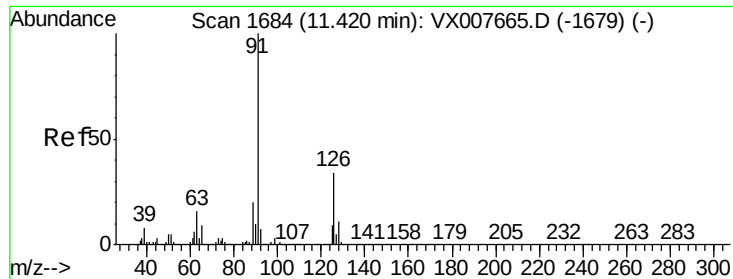
120 23.9 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.499 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

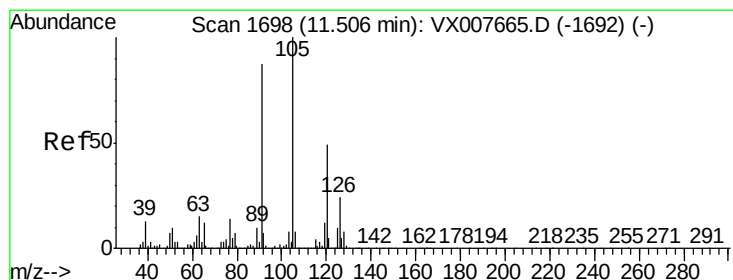
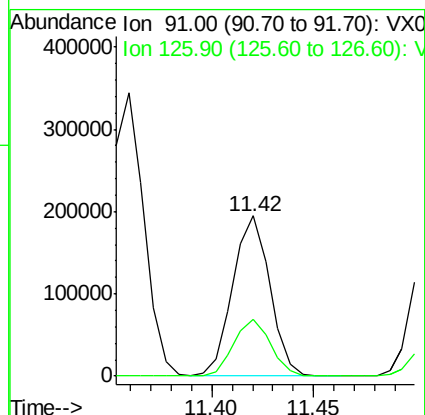
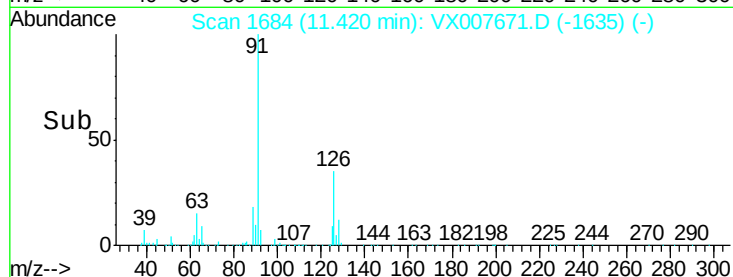
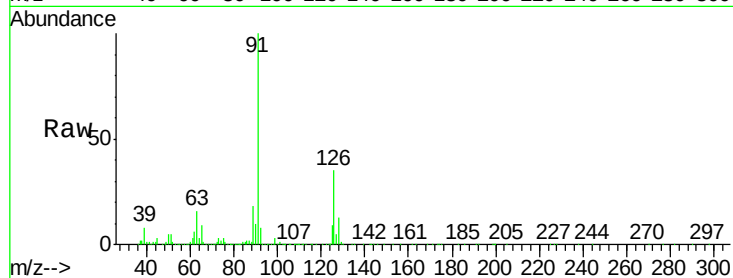
VX0225WBS01

Tot Ion: 91 Resp: 244573

Ion Ratio Lower Upper

91 100

126 35.4 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 20.254 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007671.D

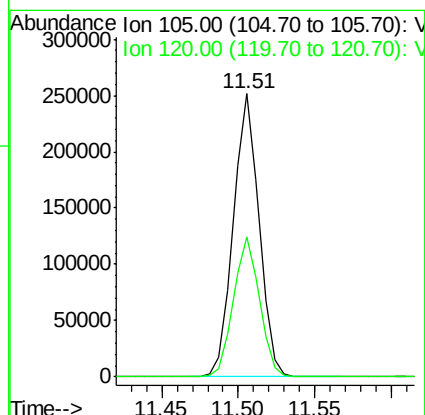
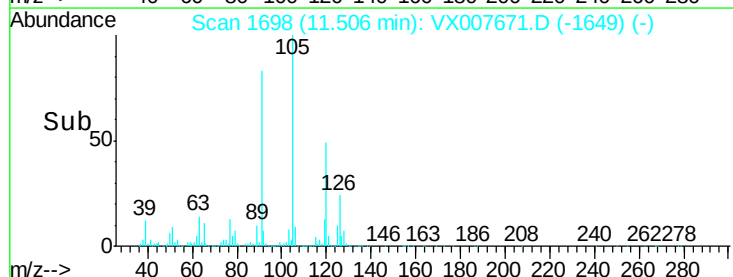
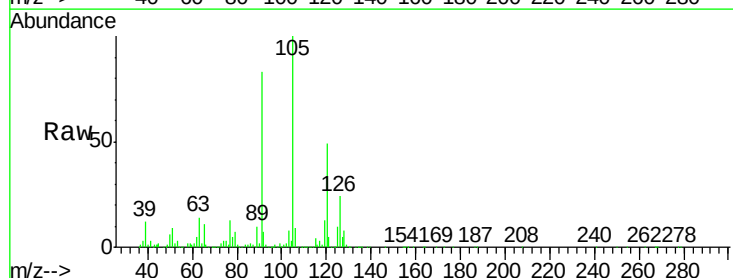
Acq: 25 Feb 2019 14:07

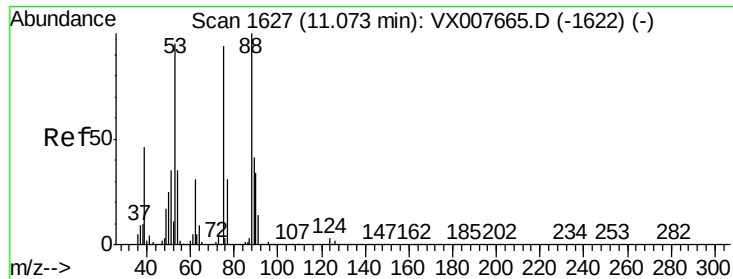
Tgt Ion: 105 Resp: 292130

Ion Ratio Lower Upper

105 100

120 49.9 25.3 75.8

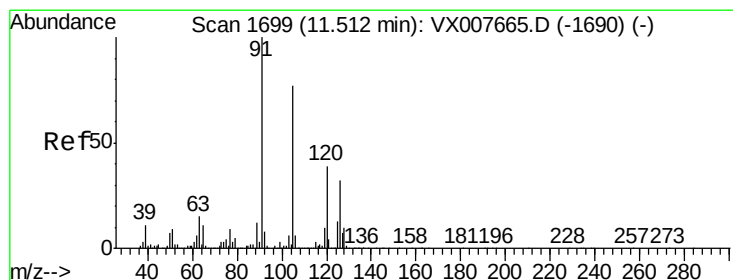
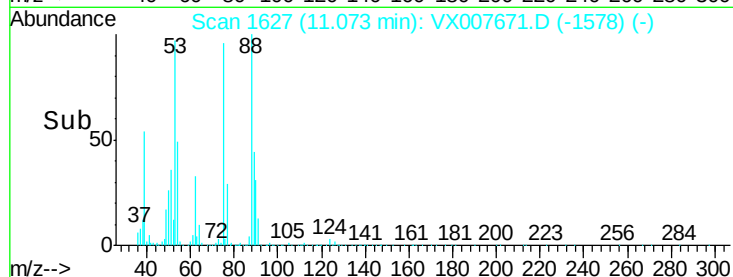
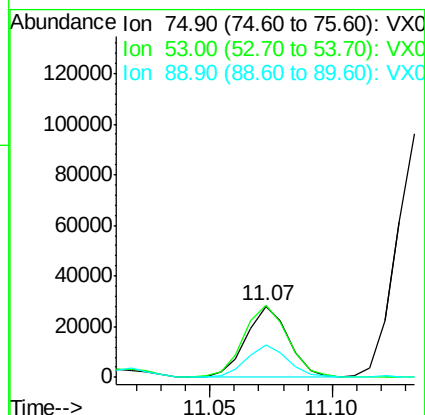
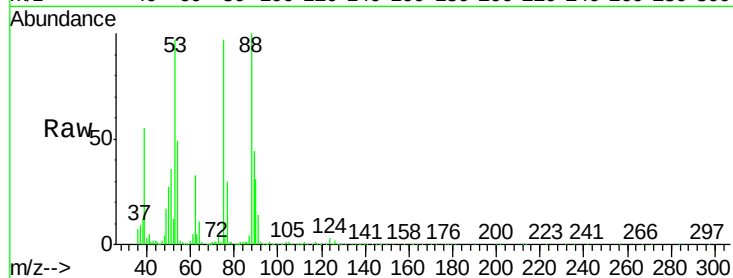




#81
trans-1,4-Dichloro-2-butene
Concen: 19.161 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

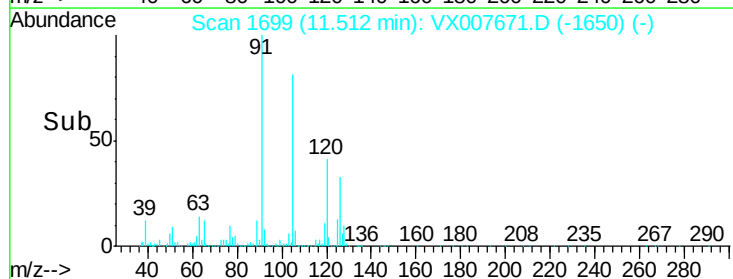
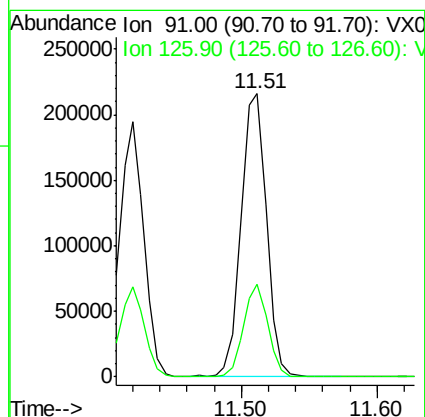
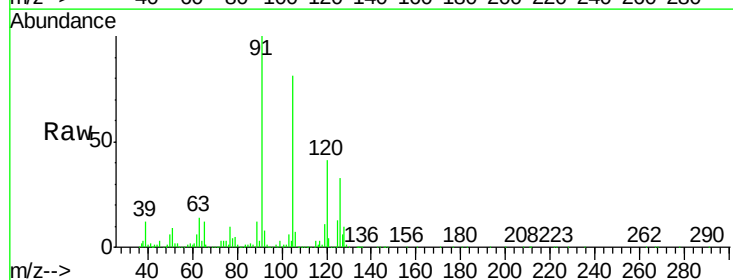
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS01

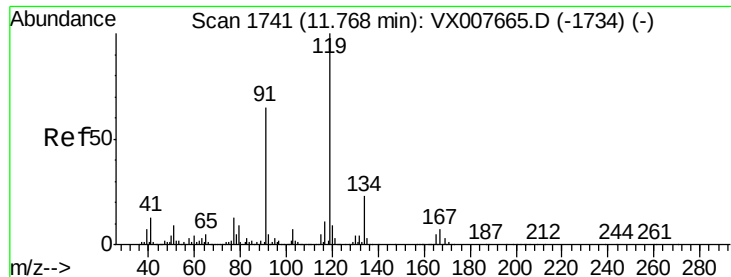
Tot Ion: 75 Resp: 33540
Ion Ratio Lower Upper
75 100
53 105.4 81.0 121.6
89 44.7 41.4 62.0



#82
4-Chlorotoluene
Concen: 20.103 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Tgt Ion: 91 Resp: 280578
Ion Ratio Lower Upper
91 100
126 31.7 16.2 48.5





#83

tert-Butylbenzene

Concen: 20.537 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS01

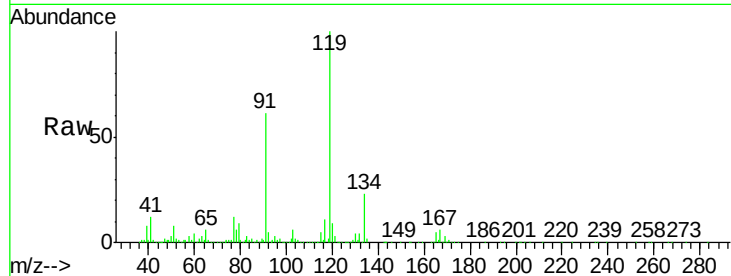
Tot Ion:119 Resp: 284416

Ion Ratio Lower Upper

119 100

91 59.6 28.5 85.6

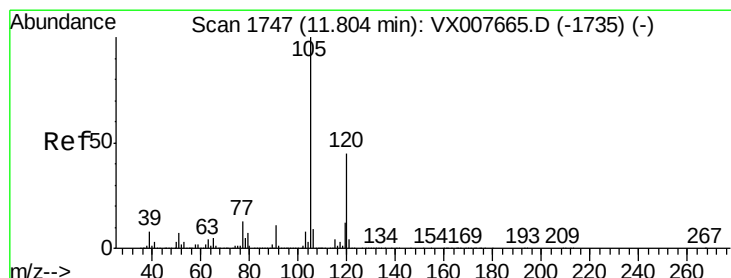
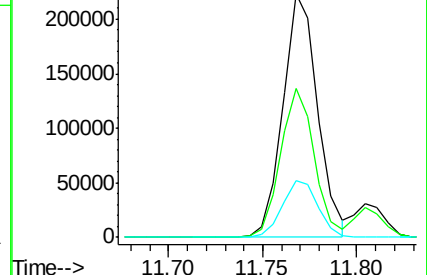
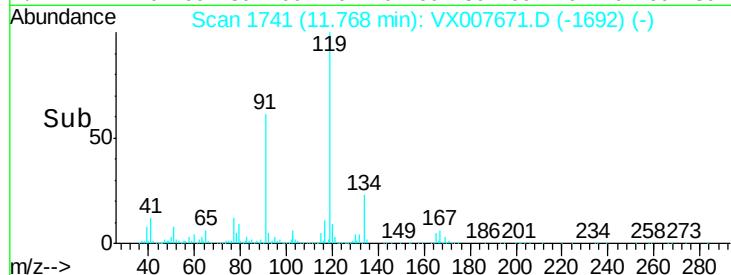
134 24.2 12.0 36.0



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: 20.800 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007671.D

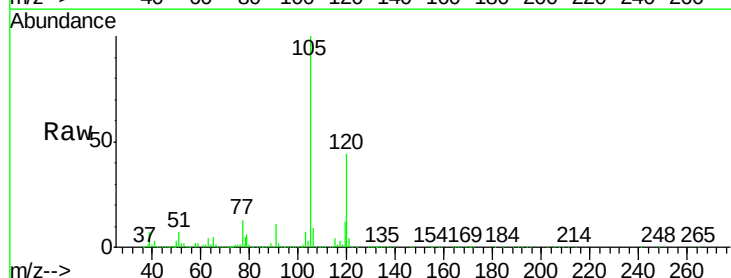
Acq: 25 Feb 2019 14:07

Tgt Ion:105 Resp: 306881

Ion Ratio Lower Upper

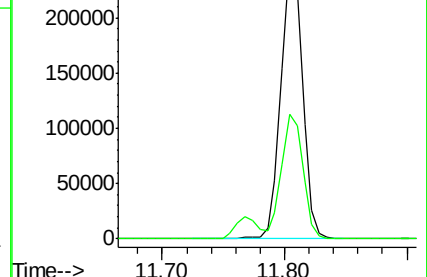
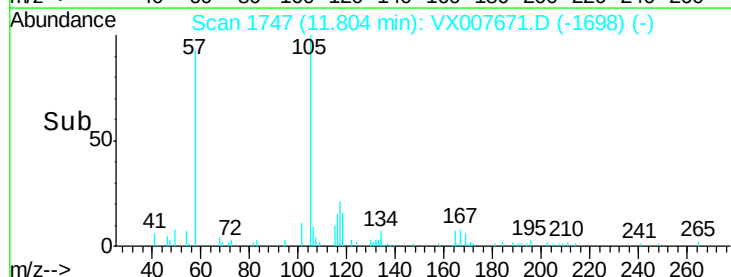
105 100

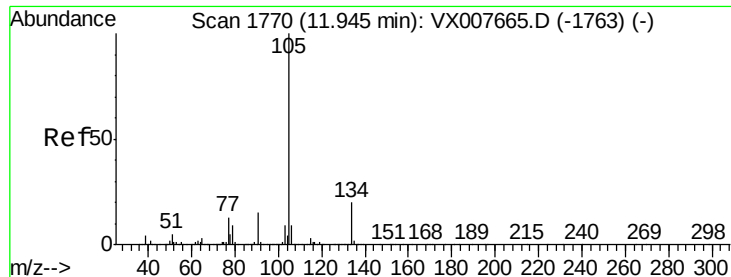
120 44.5 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.462 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

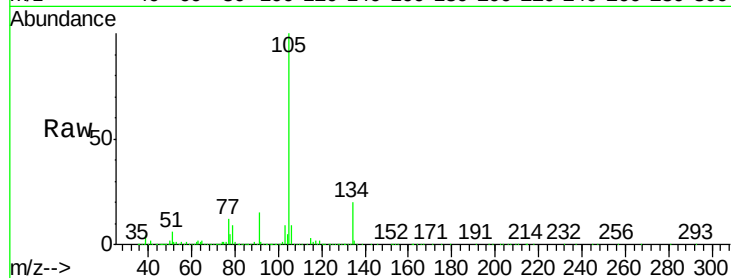
VX0225WBS01

Tot Ion:105 Resp: 355095

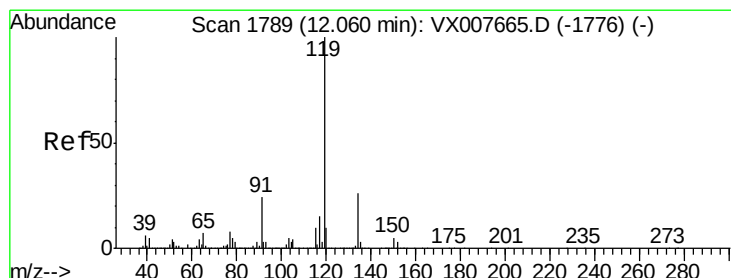
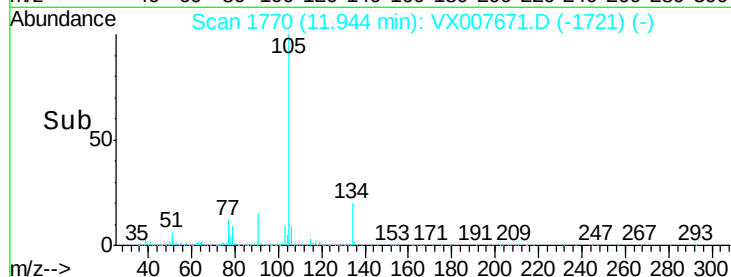
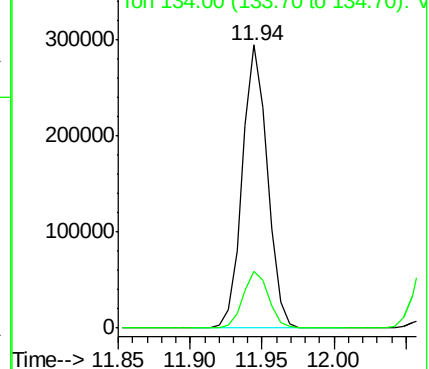
Ion Ratio Lower Upper

105 100

134 20.4 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V



#86

p-Isopropyltoluene

Concen: 20.418 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

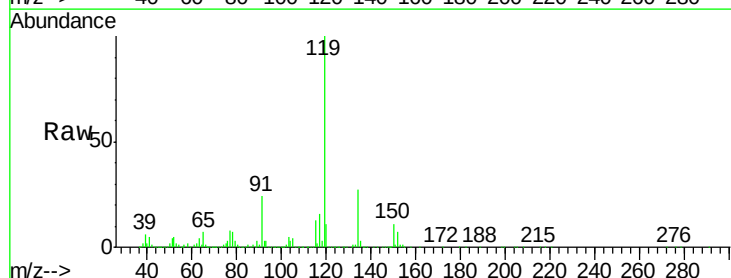
Tgt Ion:119 Resp: 310316

Ion Ratio Lower Upper

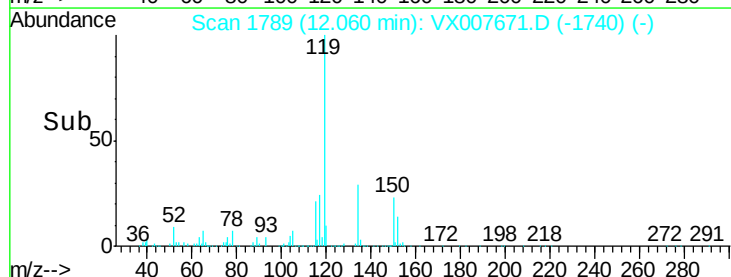
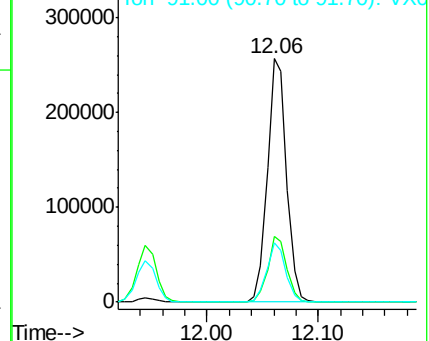
119 100

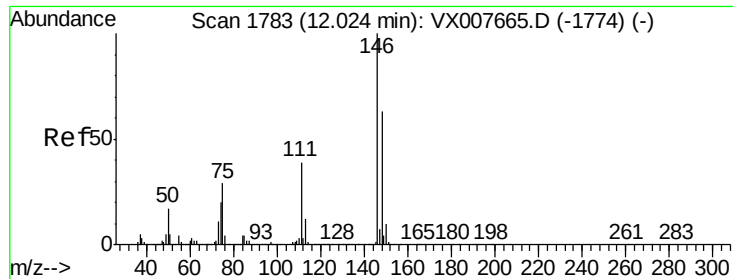
134 26.8 13.7 41.1

91 24.2 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V





#87

1,3-Dichlorobenzene

Concen: 20.147 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS01

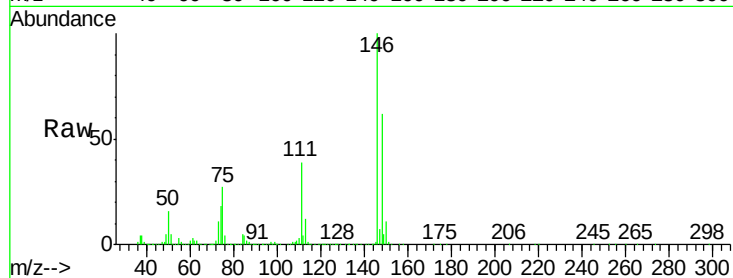
Tot Ion:146 Resp: 164364

Ion Ratio Lower Upper

146 100

111 38.7 18.1 54.1

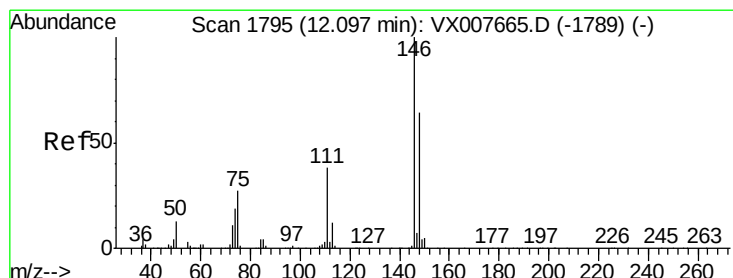
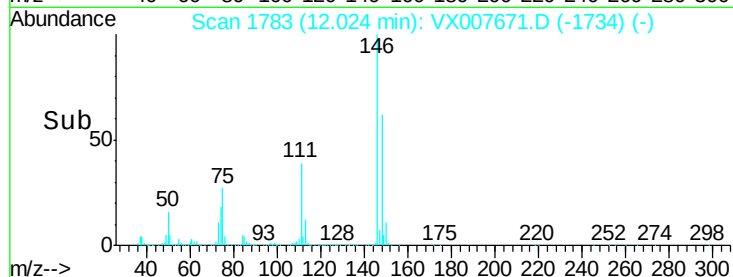
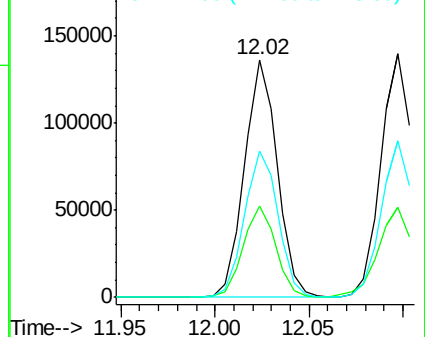
148 63.2 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.765 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

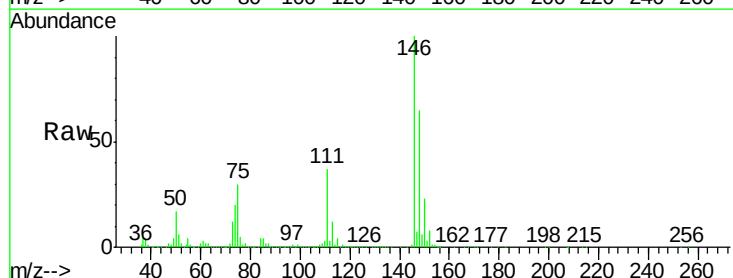
Tgt Ion:146 Resp: 165138

Ion Ratio Lower Upper

146 100

111 39.1 18.1 54.1

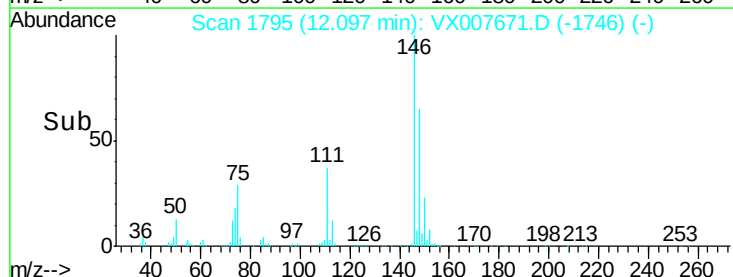
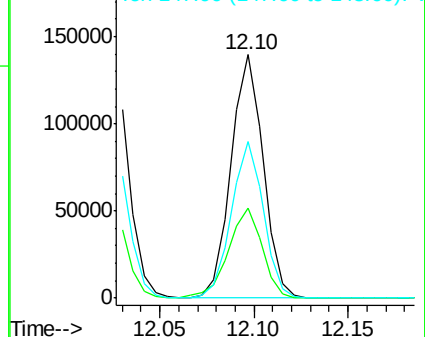
148 64.4 32.3 96.9

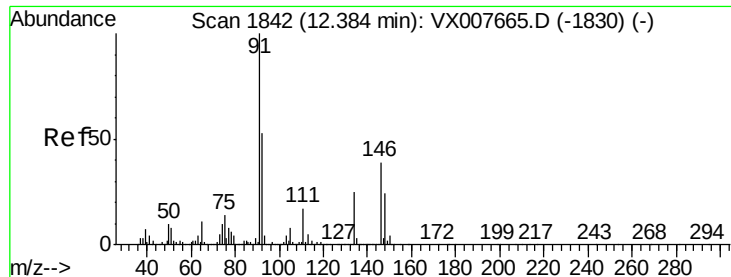


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

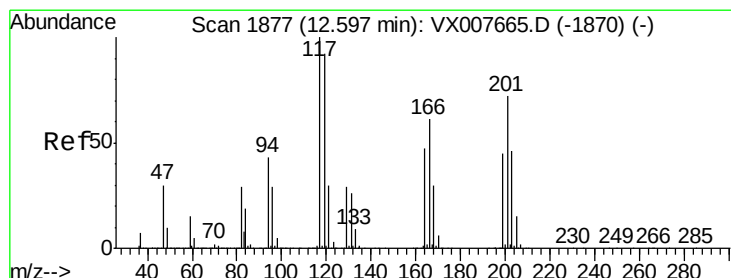
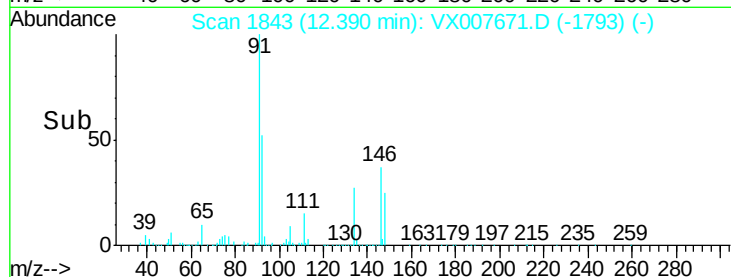
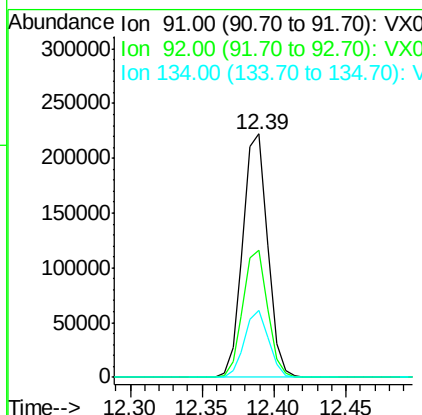
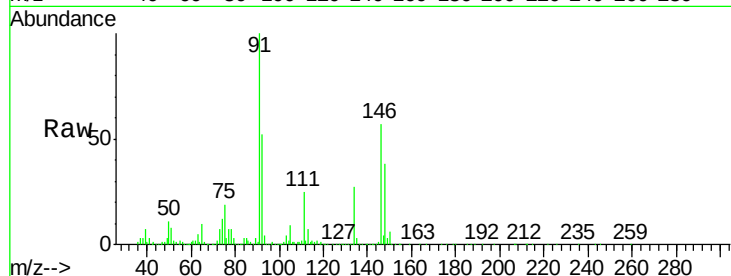




#89
n-Butylbenzene
Concen: 19.731 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

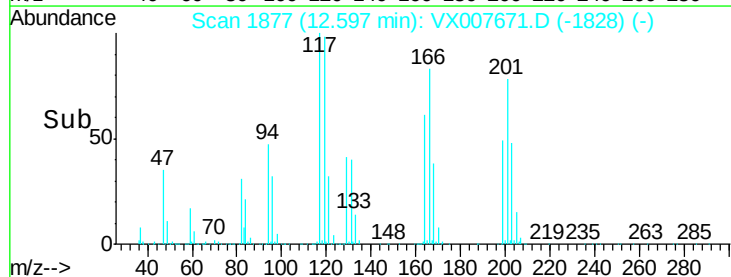
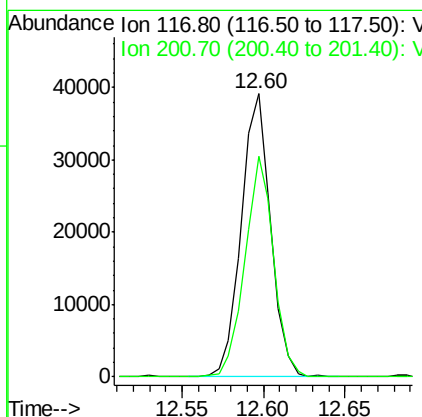
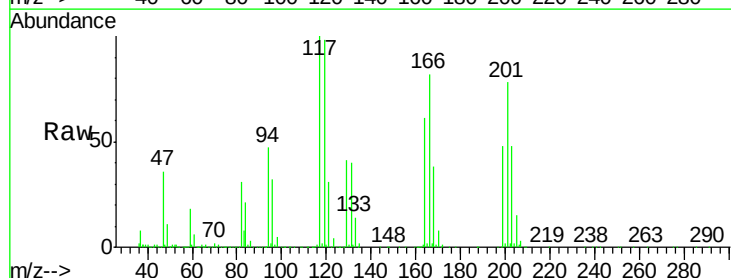
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS01

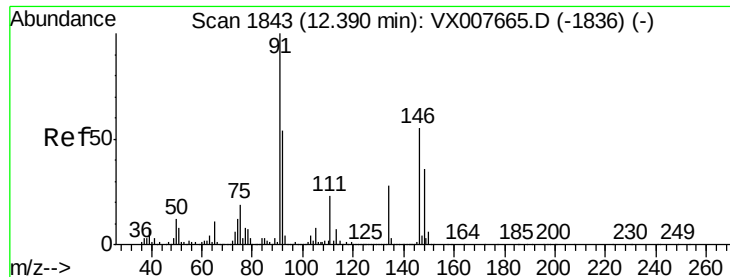
Tot Ion: 91 Resp: 267436
Ion Ratio Lower Upper
91 100
92 52.3 26.3 78.9
134 26.7 13.9 41.6



#90
Hexachloroethane
Concen: 19.174 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Tgt Ion: 117 Resp: 49100
Ion Ratio Lower Upper
117 100
201 76.2 44.9 134.7

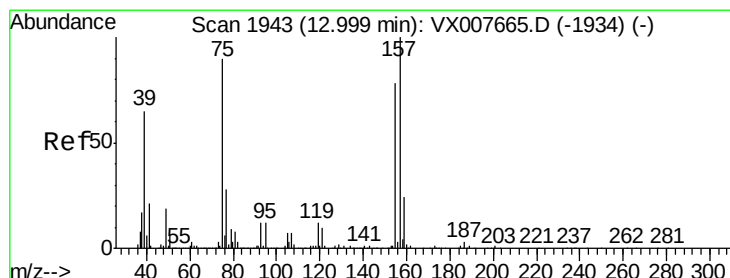
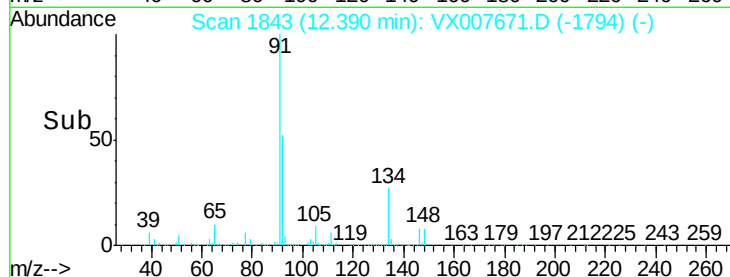
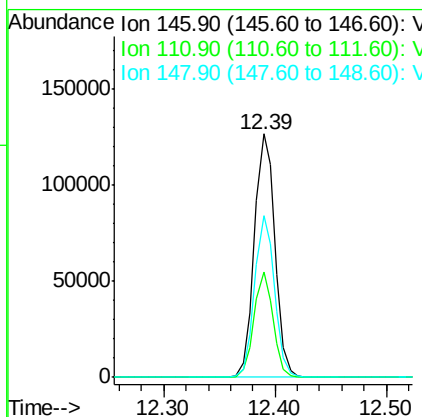
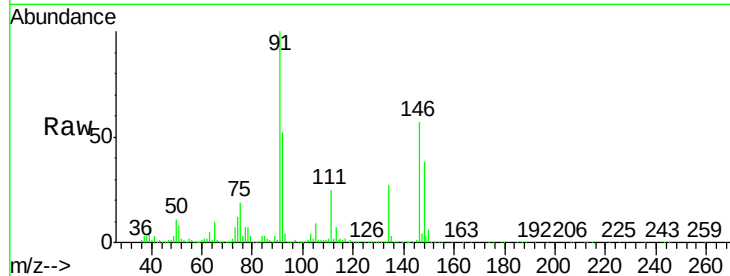




#91
 1,2-Dichlorobenzene
 Concen: 20.050 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007671.D
 Acq: 25 Feb 2019 14:07

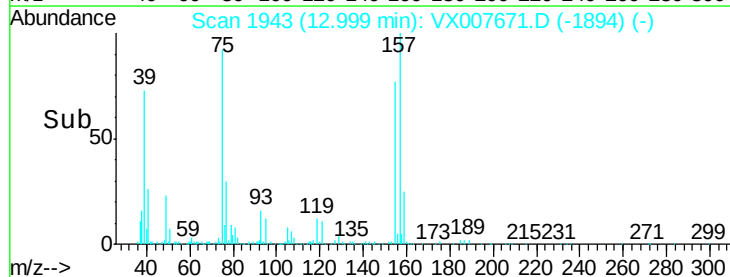
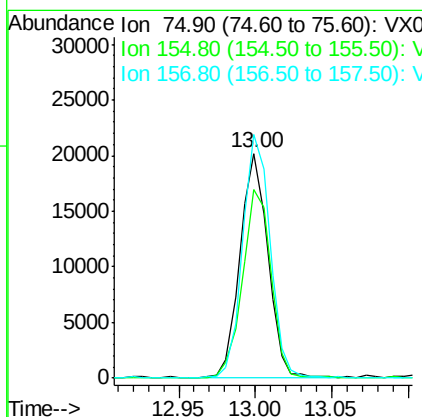
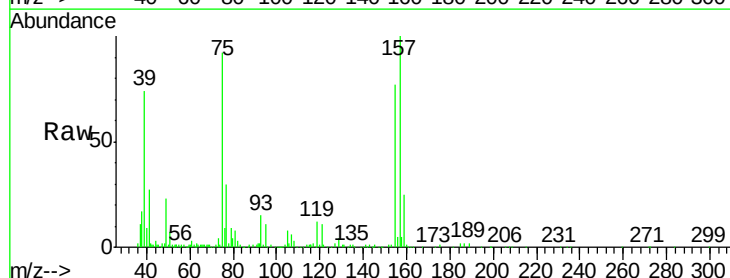
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBS01

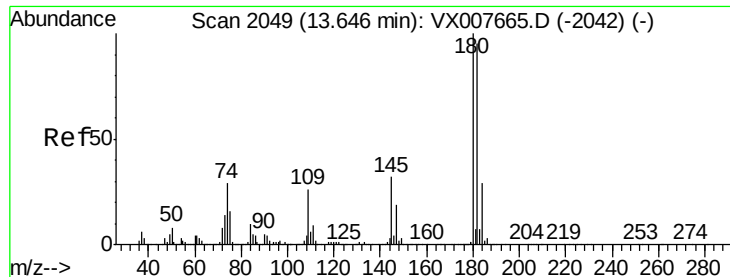
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.1	57.3
148	64.3	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.518 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007671.D
 Acq: 25 Feb 2019 14:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.0	49.6	149.0
157	106.3	65.1	195.3





#93

1,2,4-Trichlorobenzene

Concen: 20.145 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampled :

VX0225WBS01

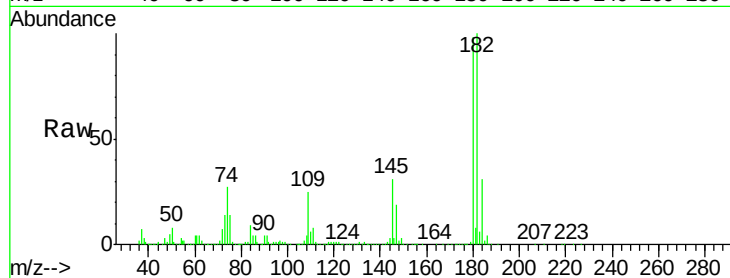
Tot Ion:180 Resp: 100375

Ion Ratio Lower Upper

180 100

182 95.2 47.8 143.3

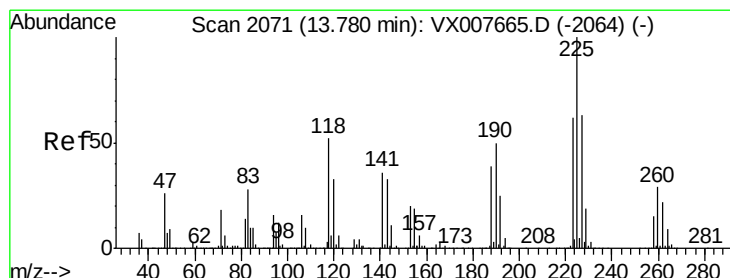
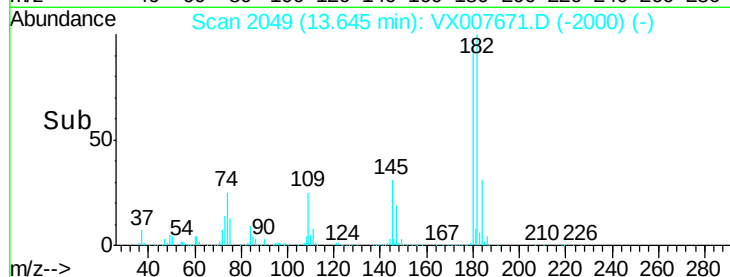
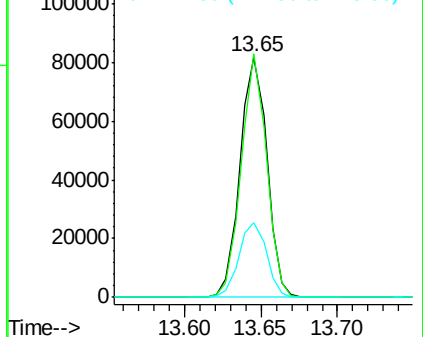
145 32.0 14.1 42.2



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: 20.472 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

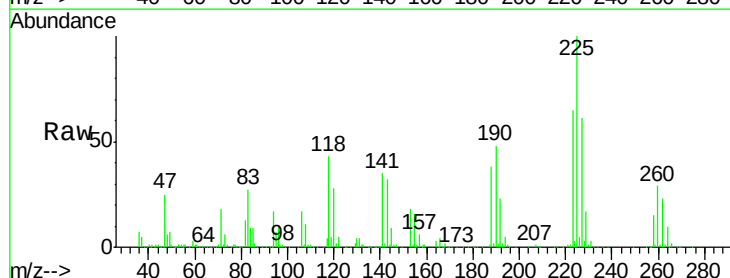
Tgt Ion:225 Resp: 46664

Ion Ratio Lower Upper

225 100

223 61.2 31.6 94.8

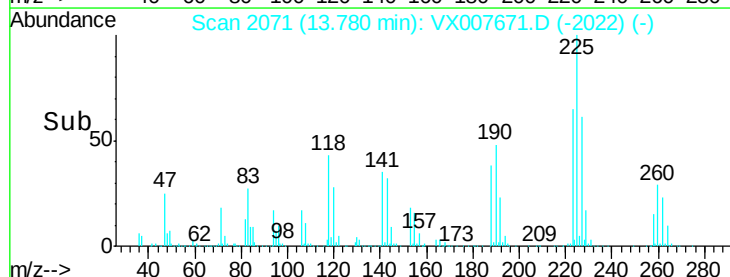
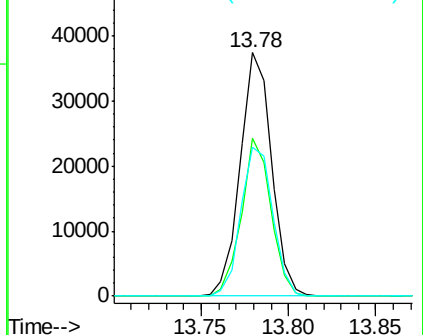
227 62.4 32.1 96.3

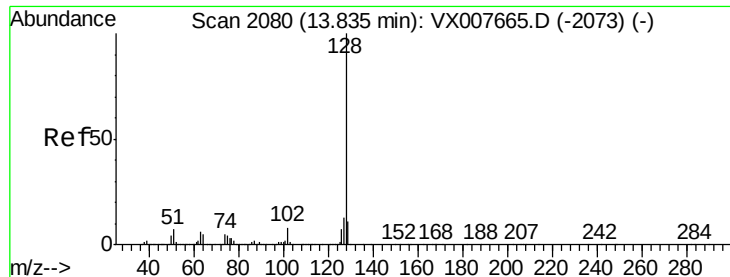


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 21.058 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

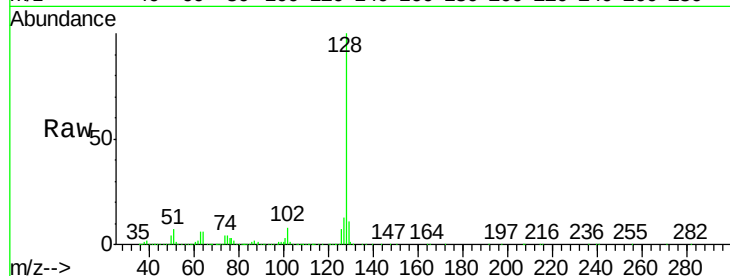
MSVOA_X

ClientSampleId :

VX0225WBS01

Tot Ion:128 Resp: 339937

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	10.5	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

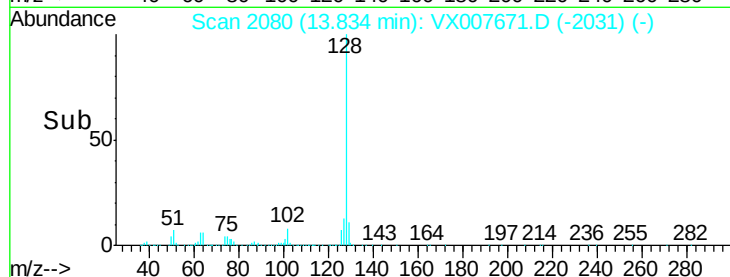
300000

200000

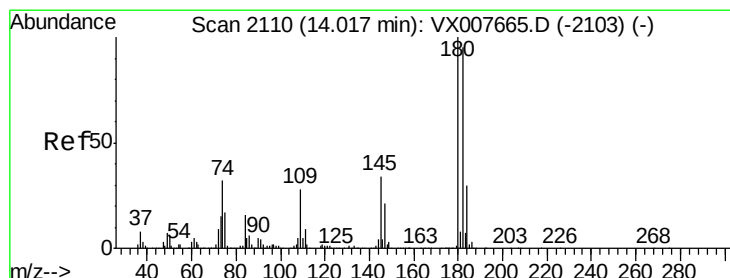
100000

0

13.83



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 20.469 ug/l

RT: 14.02 min Scan# 2110

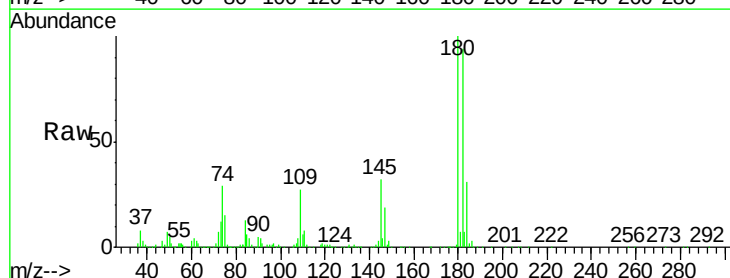
Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Tgt Ion:180 Resp: 102406

Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.5	142.6
145	32.4	14.9	44.5



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

100000

80000

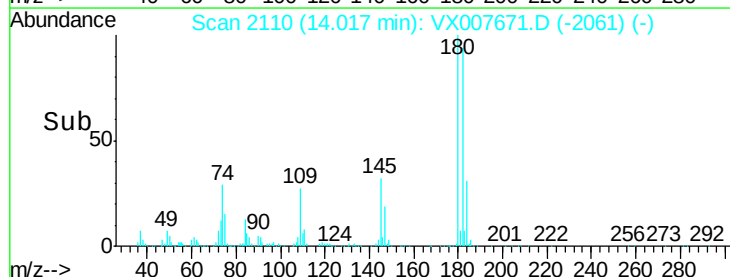
60000

40000

20000

0

14.02



Time-->