

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021119\
 Data File : VX007460.D
 Acq On : 11 Feb 2019 11:46
 Operator : JC/SP
 Sample : VX0211WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBS01

Quant Time: Feb 12 00:00:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	466162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	682707	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	624604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	318395	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	249642	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
35) Dibromofluoromethane	5.51	113	227496	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
50) Toluene-d8	8.71	98	834882	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
62) 4-Bromofluorobenzene	11.13	95	291548	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	105512	18.531	ug/l 100
3) Chloromethane	1.33	50	94796	18.054	ug/l 100
4) Vinyl Chloride	1.41	62	100713	19.552	ug/l 98
5) Bromomethane	1.64	94	93290	18.002	ug/l 99
6) Chloroethane	1.73	64	61578	18.480	ug/l 99
7) Trichlorofluoromethane	1.93	101	153913	19.101	ug/l 100
8) Diethyl Ether	2.19	74	58100	19.157	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	90060	18.789	ug/l 99
10) Methyl Iodide	2.51	142	122688	17.400	ug/l 98
11) Tert butyl alcohol	3.07	59	107601	105.081	ug/l 96
12) 1,1-Dichloroethene	2.38	96	82186	18.465	ug/l 96
13) Acrolein	2.30	56	43978	91.588	ug/l 95
14) Allyl chloride	2.73	41	142564	19.658	ug/l 98
15) Acrylonitrile	3.15	53	252978	99.869	ug/l 100
16) Acetone	2.45	43	240317	106.029	ug/l 100
17) Carbon Disulfide	2.57	76	198773	18.475	ug/l 98
18) Methyl Acetate	2.78	43	134579	23.112	ug/l 100
19) Methyl tert-butyl Ether	3.20	73	282228	19.572	ug/l 96
20) Methylene Chloride	2.86	84	91747	19.578	ug/l 97
21) trans-1,2-Dichloroethene	3.17	96	86648	18.275	ug/l 96
22) Diisopropyl ether	3.87	45	261298	19.588	ug/l 96
23) Vinyl Acetate	3.82	43	1082989	97.833	ug/l 100
24) 1,1-Dichloroethane	3.70	63	147833	19.297	ug/l 99
25) 2-Butanone	4.70	43	339522	105.261	ug/l 96
26) 2,2-Dichloropropane	4.59	77	114746	19.668	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	97582	18.843	ug/l 99
28) Bromochloromethane	5.02	49	71858	20.397	ug/l 98
29) Tetrahydrofuran	5.15	42	211094	104.057	ug/l 99
30) Chloroform	5.21	83	155072	19.399	ug/l 99
31) Cyclohexane	5.57	56	125965	18.308	ug/l 94
32) 1,1,1-Trichloroethane	5.49	97	133531	19.789	ug/l 99
36) 1,1-Dichloropropene	5.80	75	109041	17.801	ug/l 98
37) Ethyl Acetate	4.85	43	120960	19.535	ug/l 99
38) Carbon Tetrachloride	5.78	117	117717	19.809	ug/l 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021119\
 Data File : VX007460.D
 Acq On : 11 Feb 2019 11:46
 Operator : JC/SP
 Sample : VX0211WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBS01

Quant Time: Feb 12 00:00:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	135640	18.302	ug/l	98
40) Benzene	6.14	78	344266	19.079	ug/l	99
41) Methacrylonitrile	5.06	41	65611	19.770	ug/l	99
42) 1,2-Dichloroethane	6.20	62	117559	18.830	ug/l	98
43) Isopropyl Acetate	6.46	43	189080	19.783	ug/l	99
44) Trichloroethene	7.21	130	102170	18.800	ug/l	97
45) 1,2-Dichloropropane	7.52	63	85348	18.878	ug/l	98
46) Dibromomethane	7.66	93	60817	18.509	ug/l	99
47) Bromodichloromethane	7.90	83	108791	19.536	ug/l	98
48) Methyl methacrylate	7.77	41	98084	20.517	ug/l	100
49) 1,4-Dioxane	7.75	88	45189	419.658	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	639484	101.637	ug/l	99
52) Toluene	8.78	92	220800	18.966	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	115110	19.244	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	130938	19.905	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	94248	19.421	ug/l	98
56) Ethyl methacrylate	9.18	69	128873	19.174	ug/l	98
57) 1,3-Dichloropropane	9.37	76	151786	19.668	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	349882	98.764	ug/l	99
59) 2-Hexanone	9.49	43	498132	101.740	ug/l	99
60) Dibromochloromethane	9.58	129	95135	20.728	ug/l	99
61) 1,2-Dibromoethane	9.67	107	101550	19.760	ug/l	99
64) Tetrachloroethene	9.34	164	108691	18.463	ug/l	98
65) Chlorobenzene	10.14	112	253268	18.582	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	90978	19.909	ug/l	99
67) Ethyl Benzene	10.25	91	416878	18.993	ug/l	100
68) m/p-Xylenes	10.36	106	323421	37.067	ug/l	99
69) o-Xylene	10.69	106	160123	19.072	ug/l	99
70) Styrene	10.71	104	252189	18.521	ug/l	100
71) Bromoform	10.85	173	68080	19.647	ug/l #	98
73) Isopropylbenzene	11.02	105	419798	19.402	ug/l	98
74) N-amyl acetate	10.90	43	165327	19.755	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	140406	21.293	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	153707	24.819	ug/l	80
77) Bromobenzene	11.26	156	118289	19.404	ug/l	98
78) n-propylbenzene	11.36	91	466197	19.649	ug/l	100
79) 2-Chlorotoluene	11.42	91	283034	19.660	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	344637	19.469	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	36215	20.774	ug/l	95
82) 4-Chlorotoluene	11.51	91	316958	19.027	ug/l	98
83) tert-Butylbenzene	11.77	119	341079	19.462	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	357221	19.878	ug/l	99
85) sec-Butylbenzene	11.94	105	424316	20.004	ug/l	100
86) p-Isopropyltoluene	12.06	119	373487	19.506	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	203115	18.565	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	206324	18.588	ug/l	100
89) n-Butylbenzene	12.38	91	302295	18.353	ug/l	98
90) Hexachloroethane	12.60	117	57910	20.208	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	206232	18.941	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	27940	20.378	ug/l	99

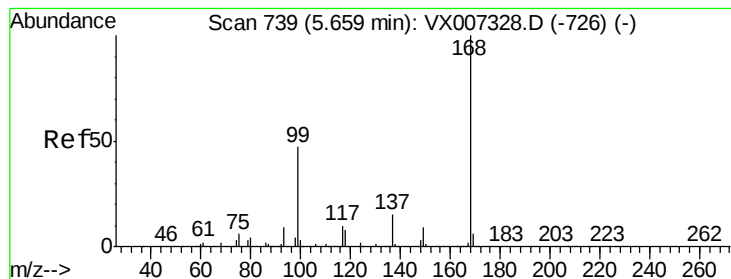
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021119\
Data File : VX007460.D
Acq On : 11 Feb 2019 11:46
Operator : JC/SP
Sample : VX0211WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Quant Time: Feb 12 00:00:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	136104	18.536	ug/l	99
94) Hexachlorobutadiene	13.78	225	66407	18.625	ug/l	98
95) Naphthalene	13.83	128	415055	19.329	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	137789	18.642	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

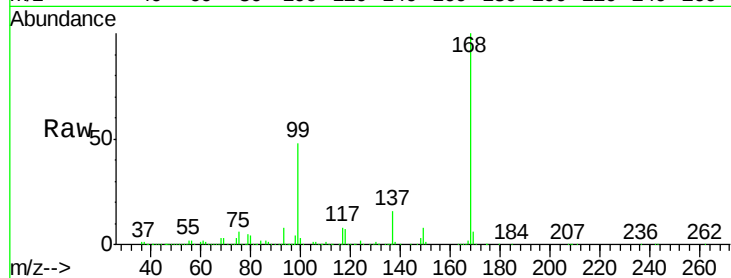
VX0211WBS01

Tot Ion:168 Resp: 466162

Ion Ratio Lower Upper

168 100

99 47.5 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

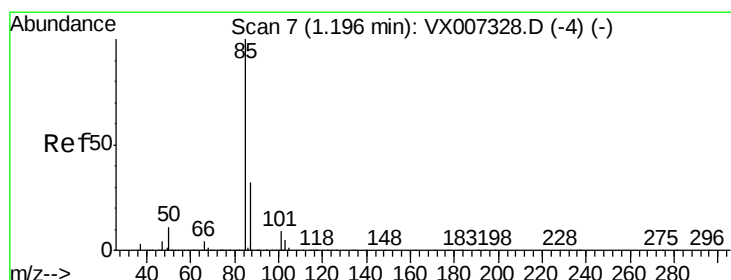
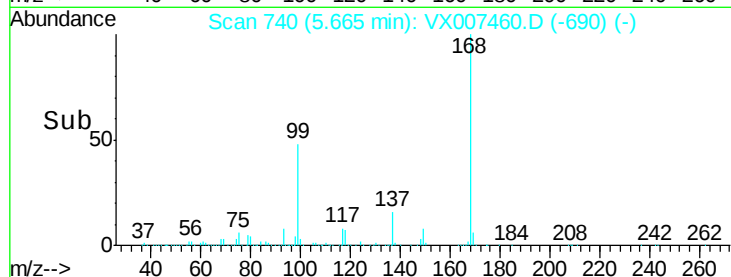
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.531 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007460.D

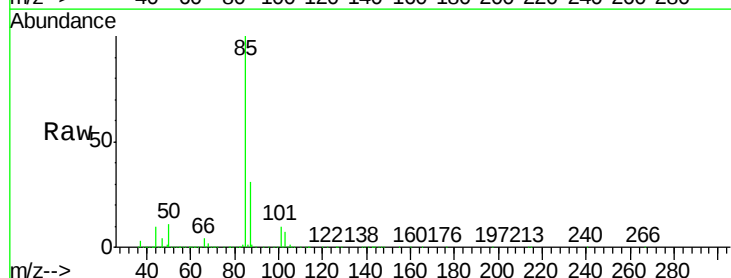
Acq: 11 Feb 2019 11:46

Tgt Ion: 85 Resp: 105512

Ion Ratio Lower Upper

85 100

87 31.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

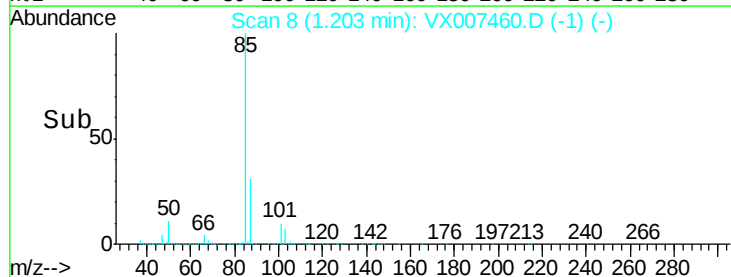
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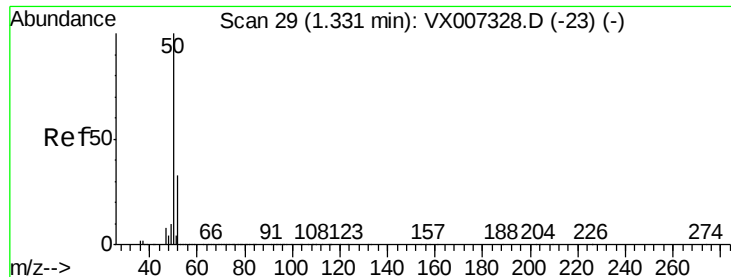
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20000

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Time-->





#3

Chloromethane

Concen: 18.054 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

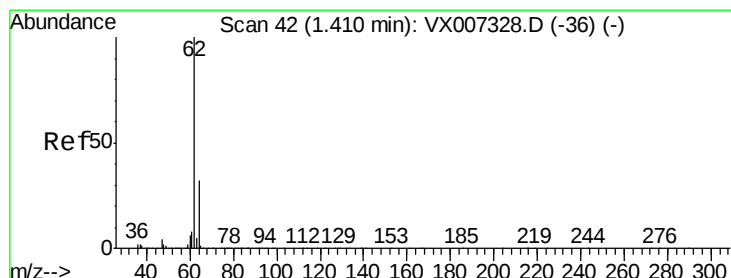
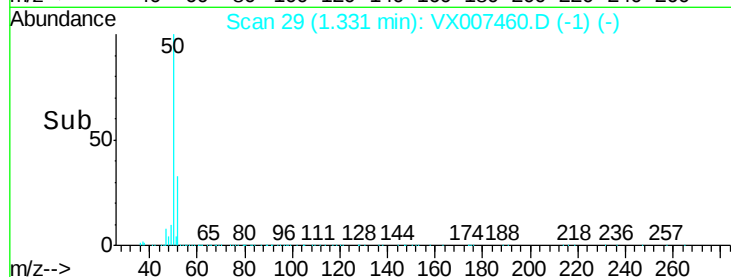
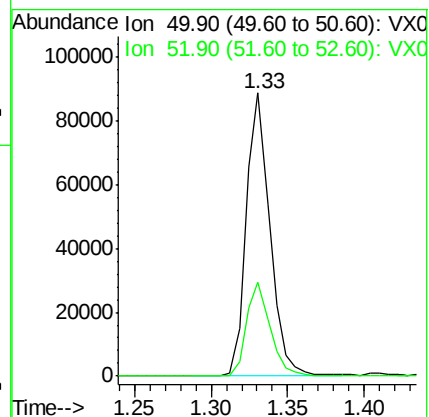
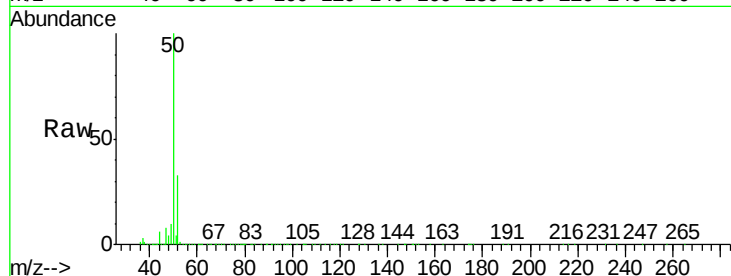
VX0211WBS01

Tot Ion: 50 Resp: 94796

Ion Ratio Lower Upper

50 100

52 32.8 26.1 39.1



#4

Vinyl Chloride

Concen: 19.552 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007460.D

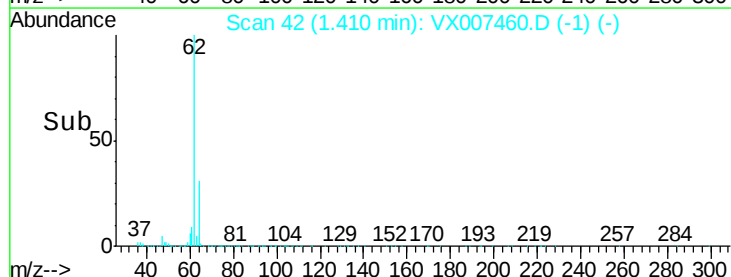
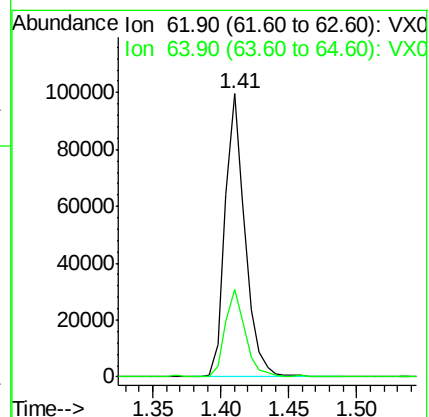
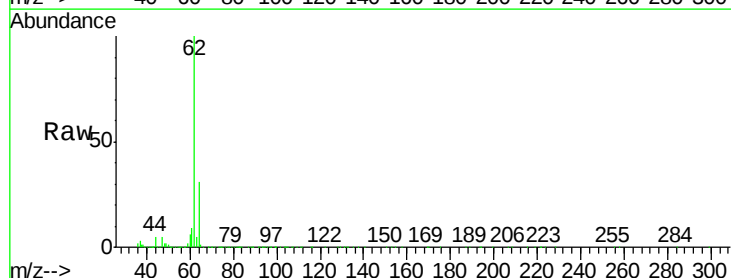
Acq: 11 Feb 2019 11:46

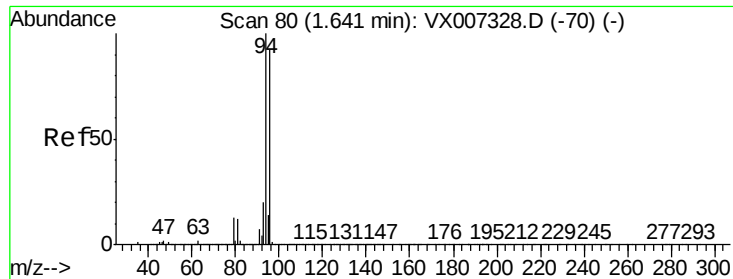
Tgt Ion: 62 Resp: 100713

Ion Ratio Lower Upper

62 100

64 30.8 25.4 38.0





#5

Bromomethane

Concen: 18.002 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

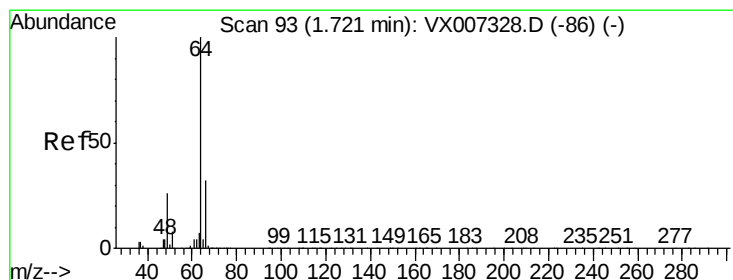
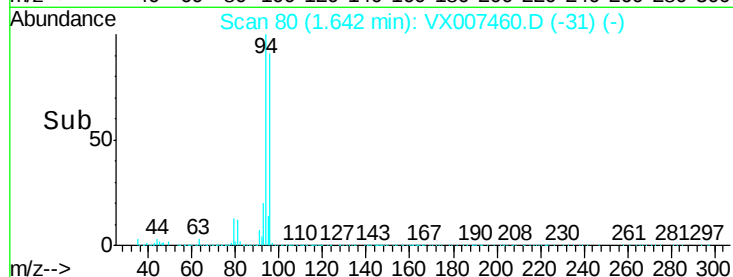
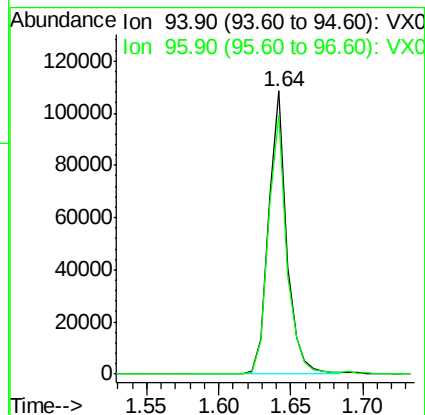
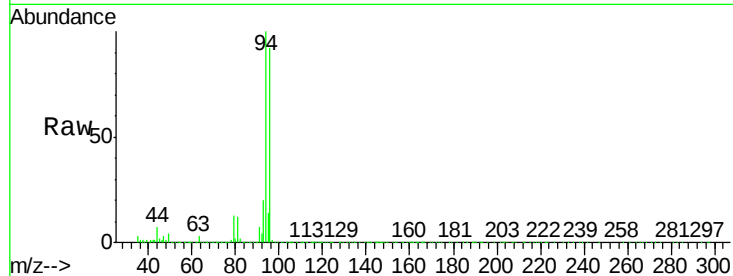
VX0211WBS01

Tot Ion: 94 Resp: 93290

Ion Ratio Lower Upper

94 100

96 91.6 73.9 110.9



#6

Chloroethane

Concen: 18.480 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007460.D

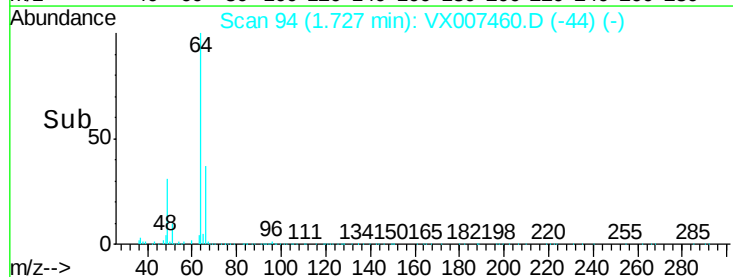
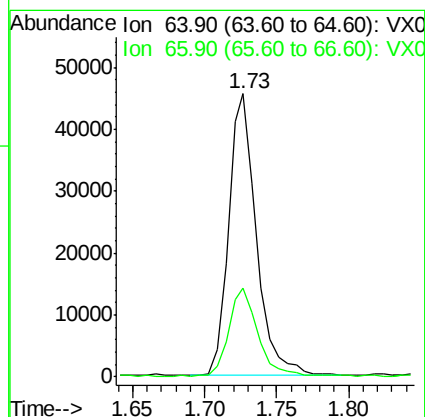
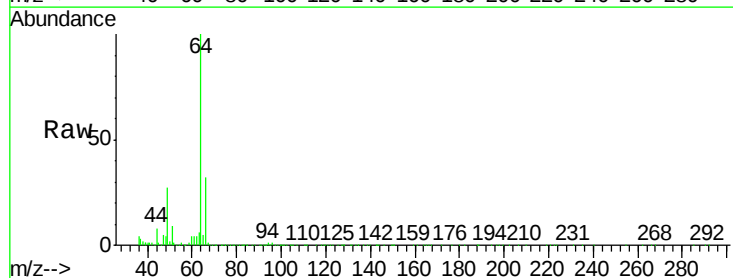
Acq: 11 Feb 2019 11:46

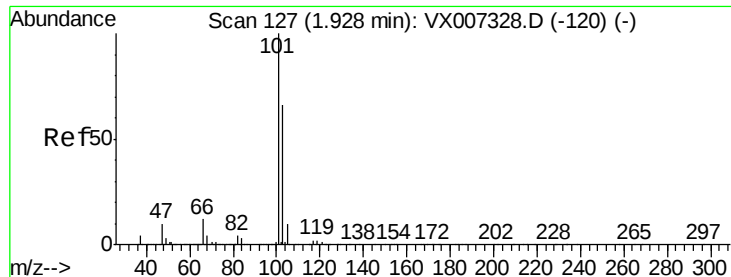
Tgt Ion: 64 Resp: 61578

Ion Ratio Lower Upper

64 100

66 31.3 25.5 38.3



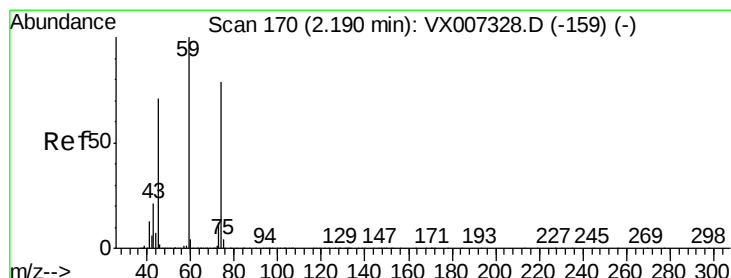
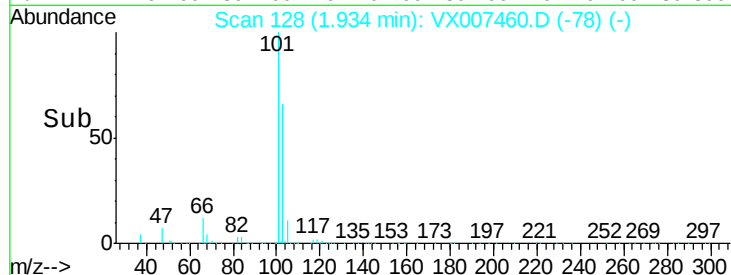
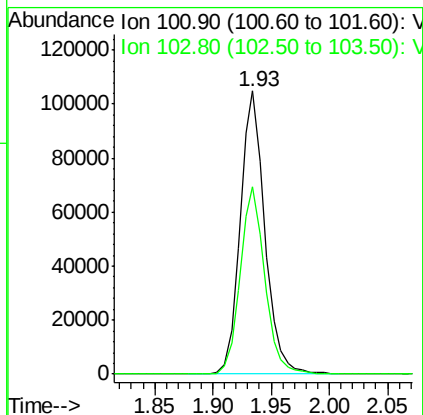
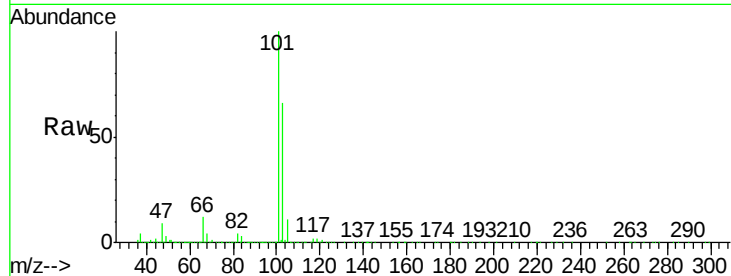


#7

Trichlorofluoromethane
Concen: 19.101 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

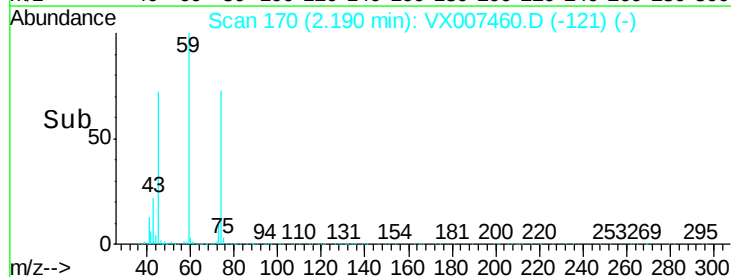
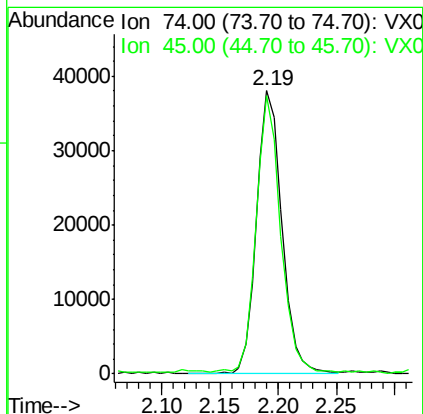
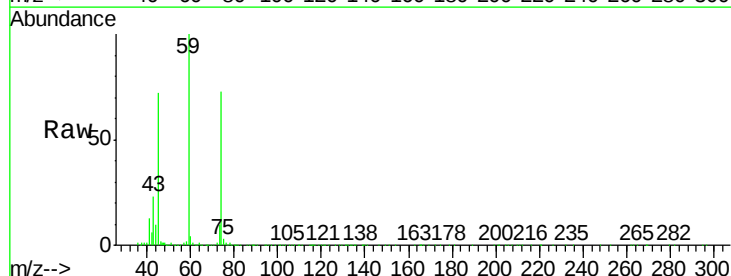
Tot Ion:101 Resp: 153913
Ion Ratio Lower Upper
101 100
103 66.1 52.6 79.0

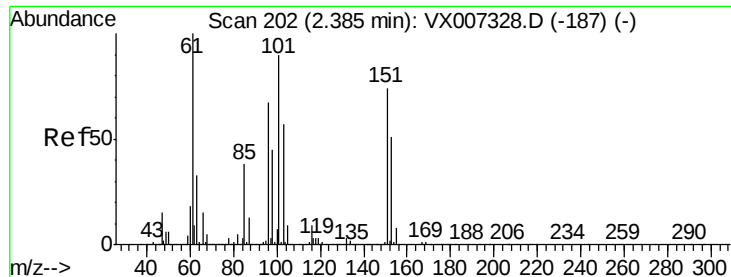


#8

Diethyl Ether
Concen: 19.157 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Tgt Ion: 74 Resp: 58100
Ion Ratio Lower Upper
74 100
45 93.8 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.789 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

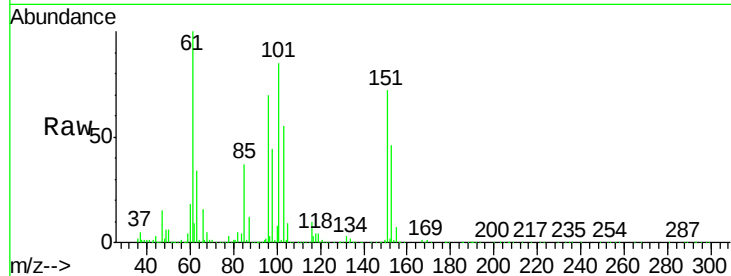
Tot Ion:101 Resp: 90060

Ion Ratio Lower Upper

101 100

85 43.0 34.1 51.1

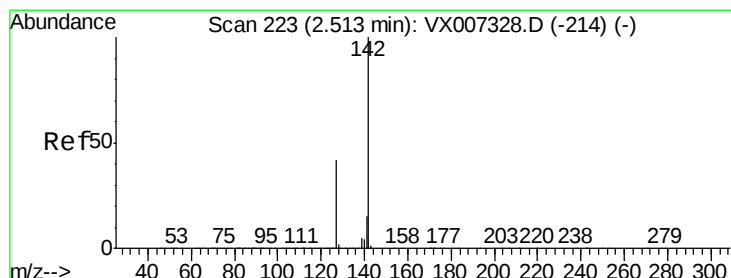
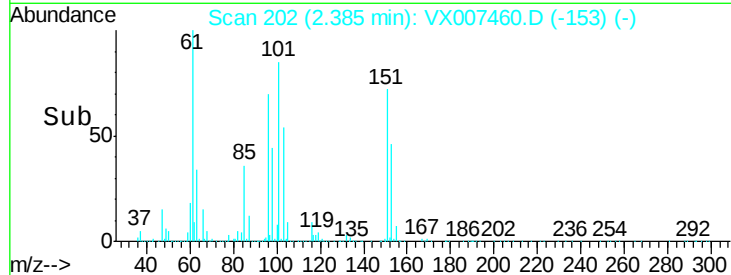
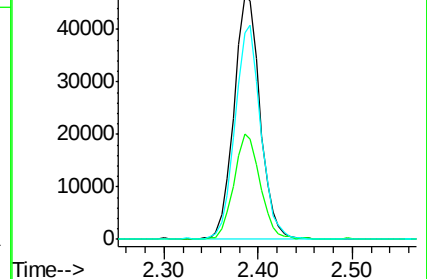
151 86.6 69.9 104.9



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: 17.400 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

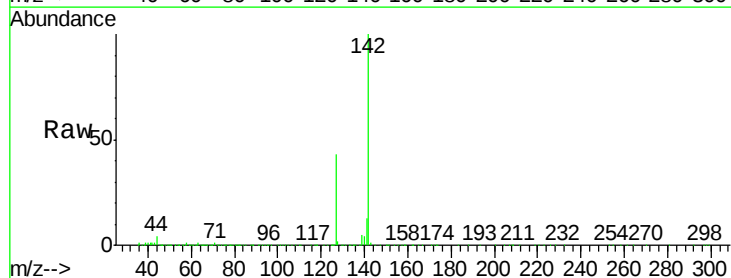
Tgt Ion:142 Resp: 122688

Ion Ratio Lower Upper

142 100

127 43.3 33.7 50.5

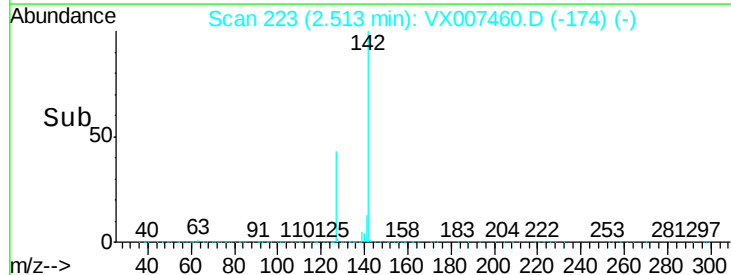
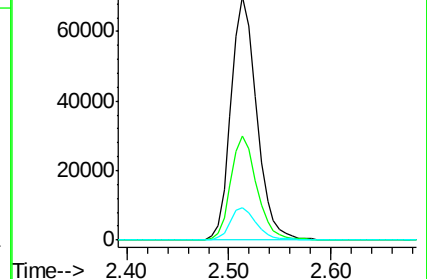
141 13.8 11.3 16.9

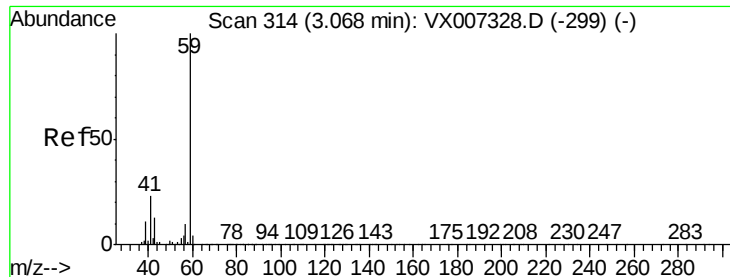


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



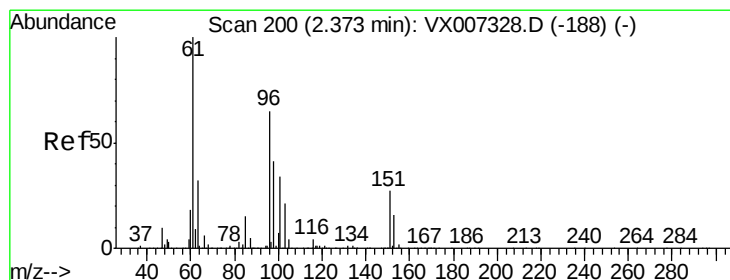
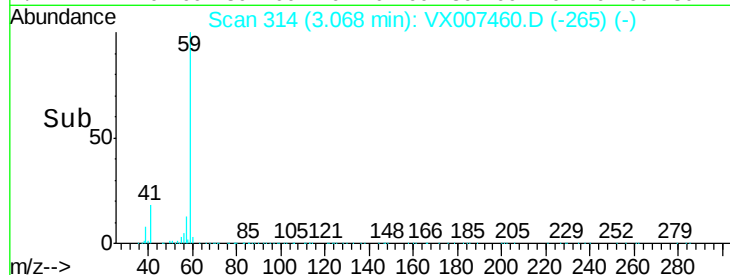
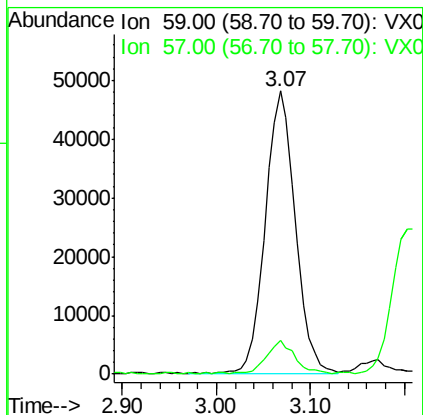
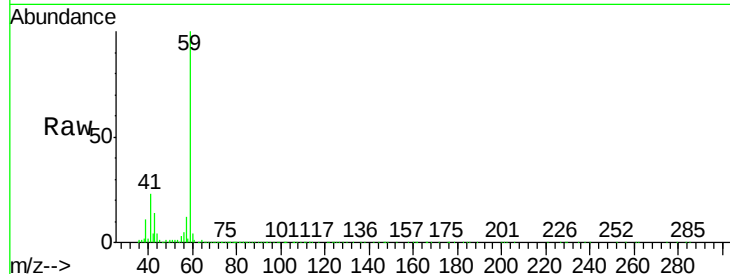


#11

Tert butyl alcohol
 Concen: 105.081 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. 0.00 min
 Lab File: VX007460.D
 Acq: 11 Feb 2019 11:46

Instrument :
 MSVOA_X
 ClientSampled :
 VX0211WBS01

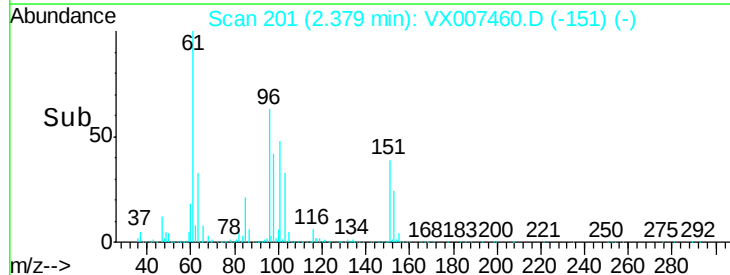
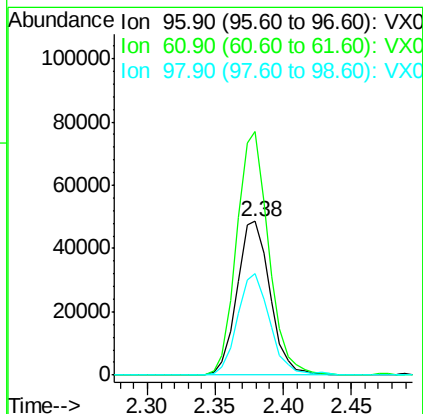
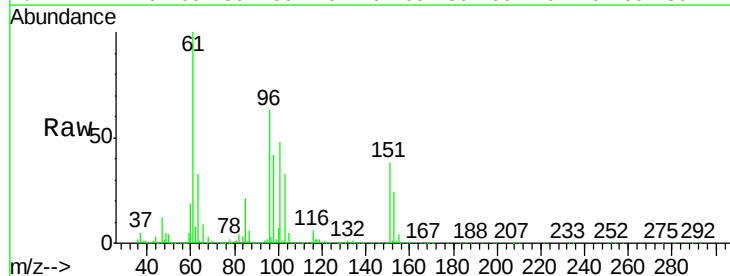
Tot Ion: 59 Resp: 107601
 Ion Ratio Lower Upper
 59 100
 57 11.5 8.1 12.1

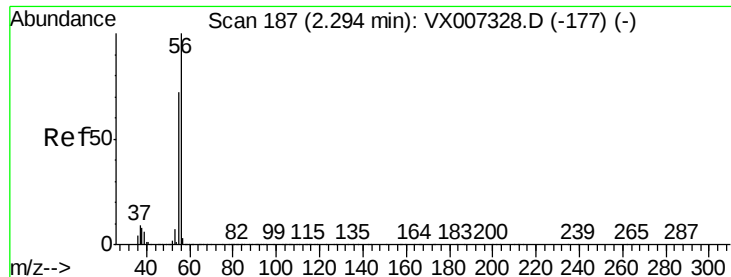


#12

1,1-Dichloroethene
 Concen: 18.465 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007460.D
 Acq: 11 Feb 2019 11:46

Tgt Ion: 96 Resp: 82186
 Ion Ratio Lower Upper
 96 100
 61 158.4 123.0 184.4
 98 66.1 50.9 76.3





#13

Acrolein

Concen: 91.588 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

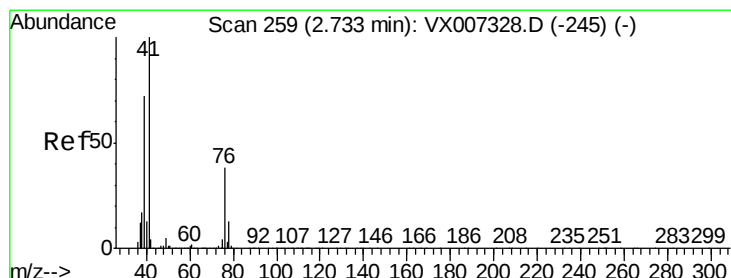
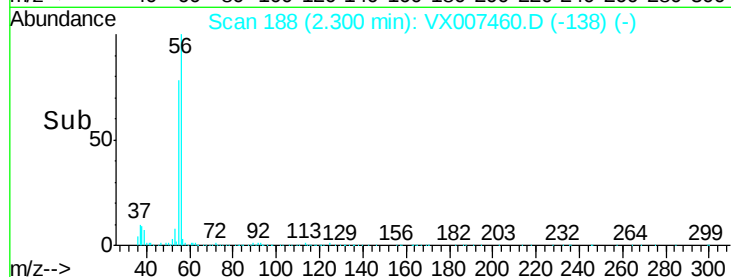
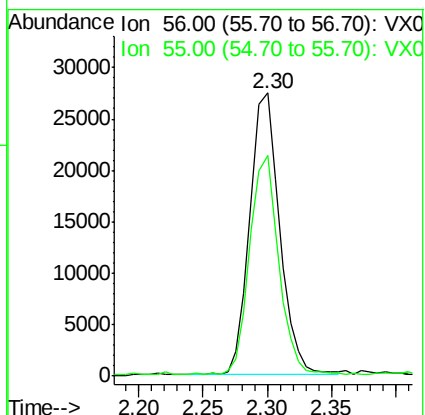
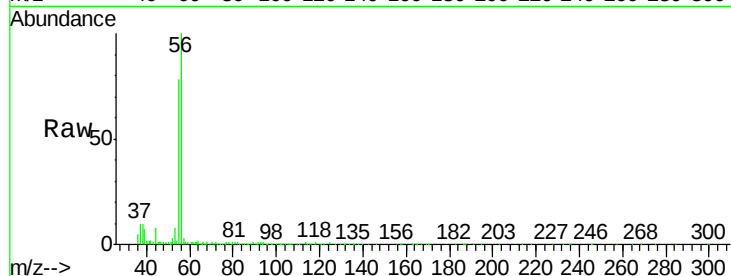
VX0211WBS01

Tot Ion: 56 Resp: 43978

Ion Ratio Lower Upper

56 100

55 75.2 56.9 85.3



#14

Allyl chloride

Concen: 19.658 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

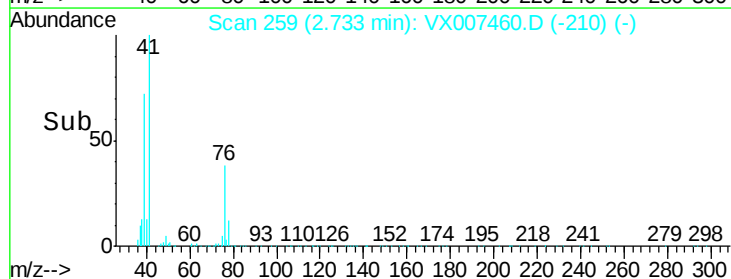
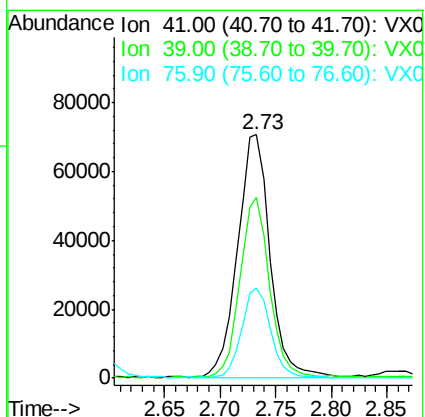
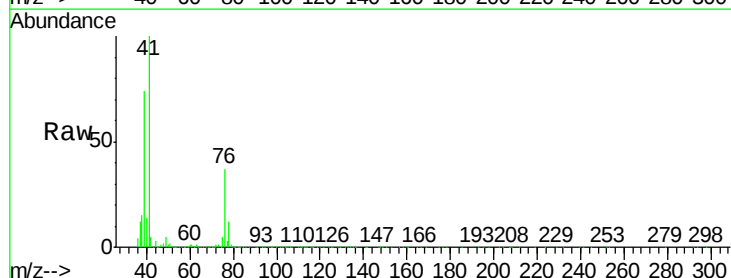
Tgt Ion: 41 Resp: 142564

Ion Ratio Lower Upper

41 100

39 66.7 54.1 81.1

76 33.3 27.8 41.8





#15

Acrylonitrile

Concen: 99.869 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

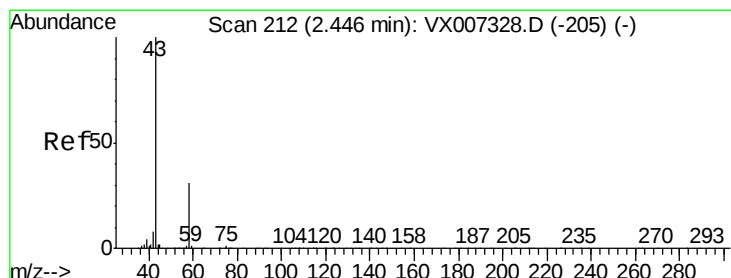
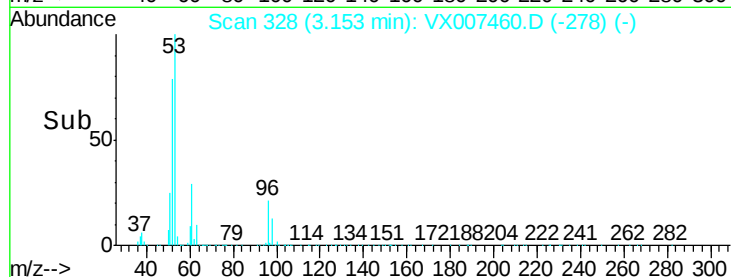
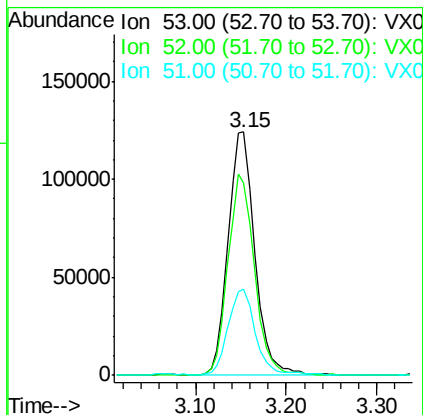
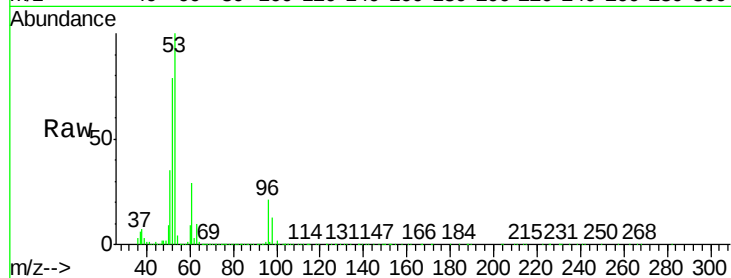
Tot Ion: 53 Resp: 252978

Ion Ratio Lower Upper

53 100

52 83.0 66.4 99.6

51 36.3 28.4 42.6



#16

Acetone

Concen: 106.029 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007460.D

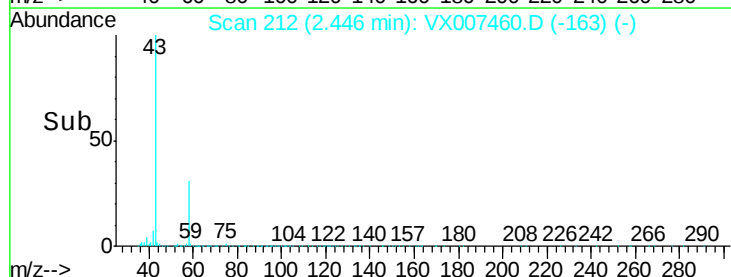
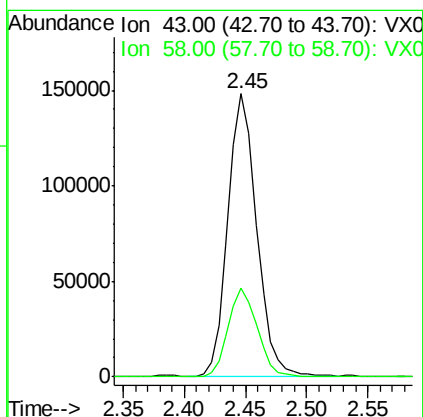
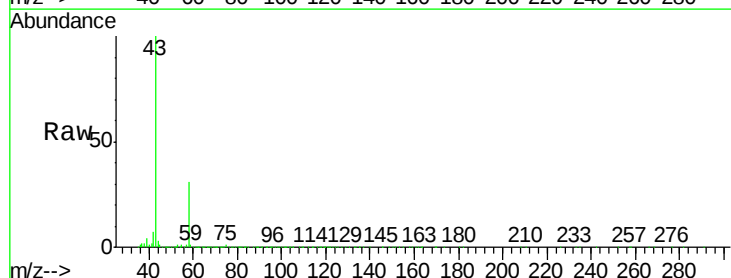
Acq: 11 Feb 2019 11:46

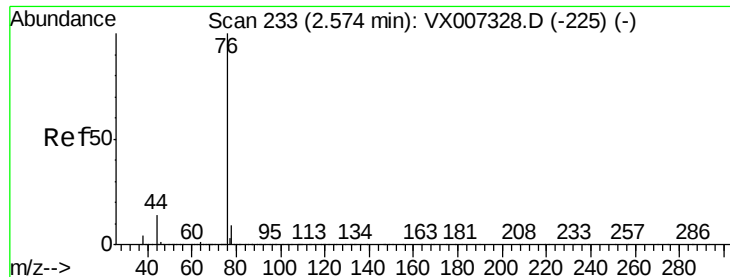
Tgt Ion: 43 Resp: 240317

Ion Ratio Lower Upper

43 100

58 31.3 24.9 37.3





#17

Carbon Disulfide

Concen: 18.475 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampled :

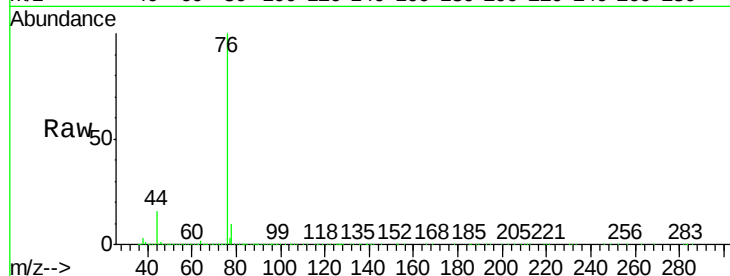
VX0211WBS01

Tot Ion: 76 Resp: 198773

Ion Ratio Lower Upper

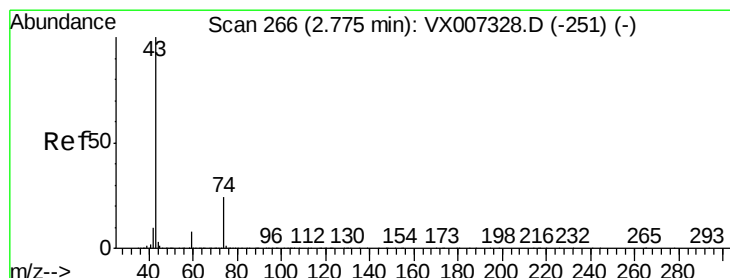
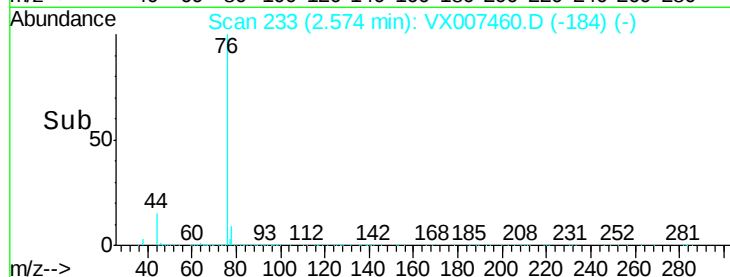
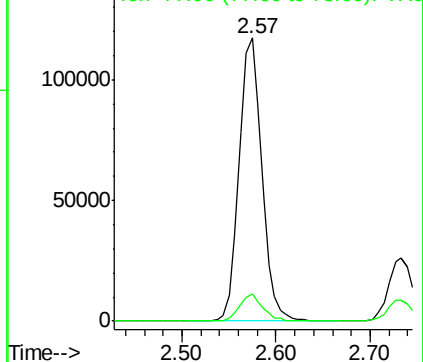
76 100

78 9.5 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 23.112 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX007460.D

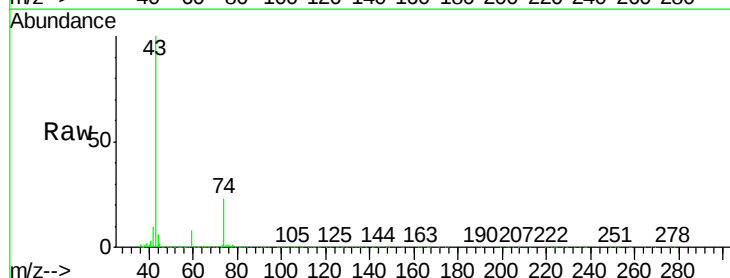
Acq: 11 Feb 2019 11:46

Tgt Ion: 43 Resp: 134579

Ion Ratio Lower Upper

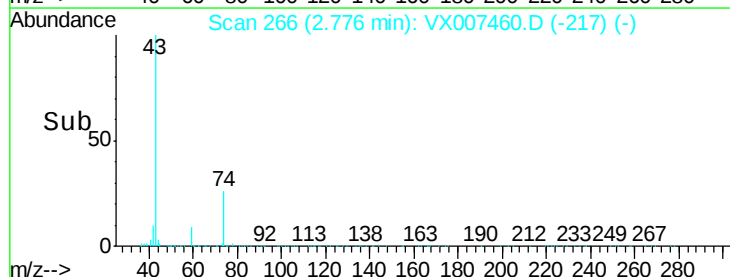
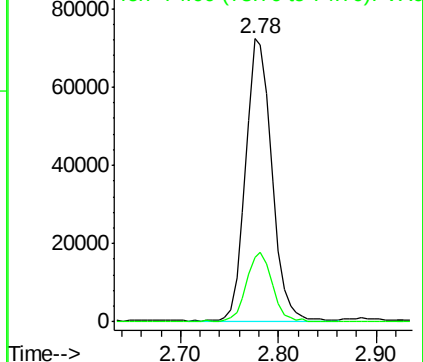
43 100

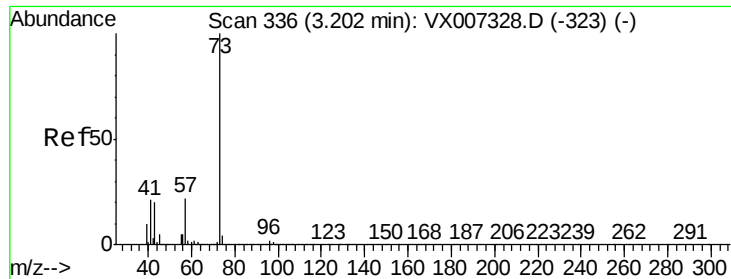
74 24.2 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

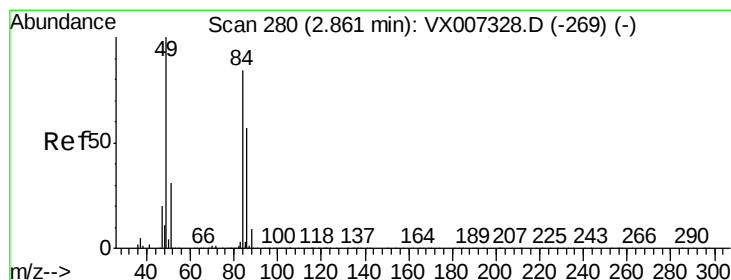
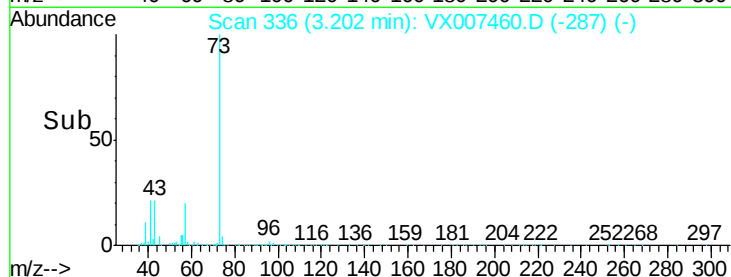
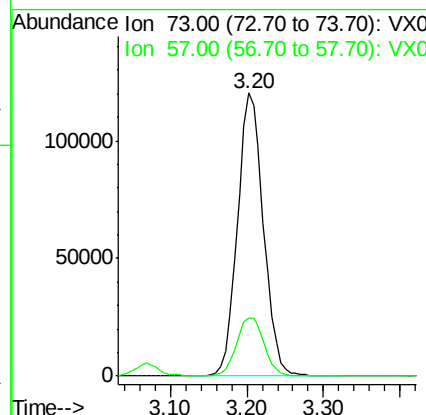
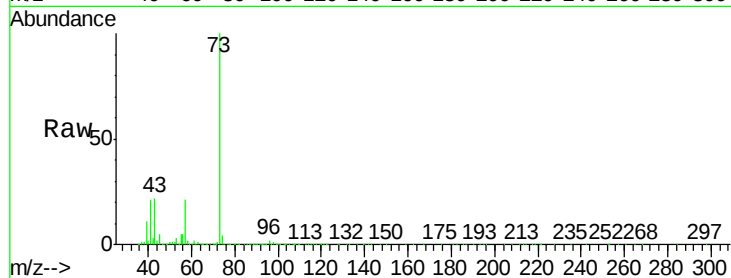




#19
Methyl tert-butyl Ether
Concen: 19.572 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

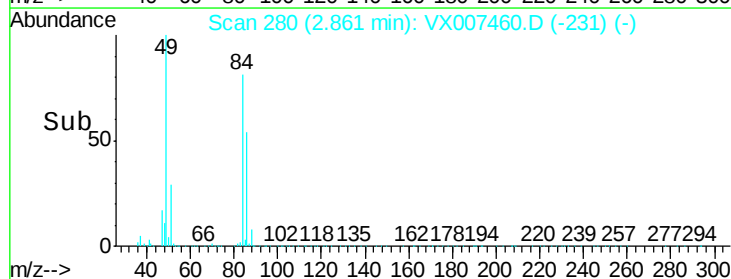
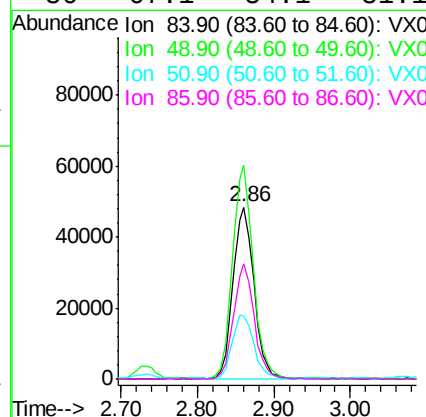
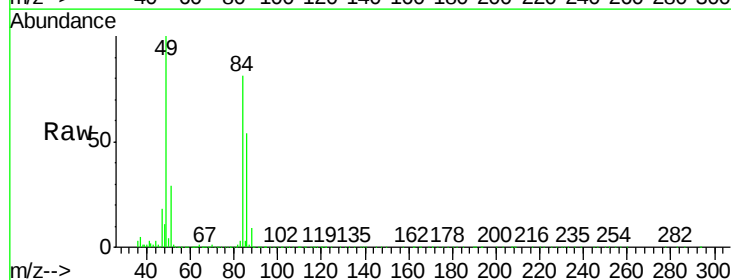
Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

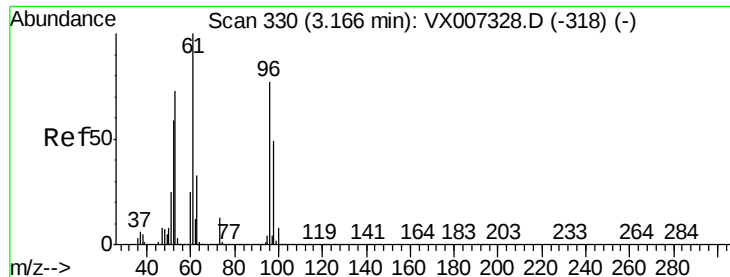
Tot Ion: 73 Resp: 282228
Ion Ratio Lower Upper
73 100
57 20.3 17.8 26.8



#20
Methylene Chloride
Concen: 19.578 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Tgt Ion: 84 Resp: 91747
Ion Ratio Lower Upper
84 100
49 124.0 94.8 142.2
51 36.0 29.8 44.8
86 67.1 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 18.275 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

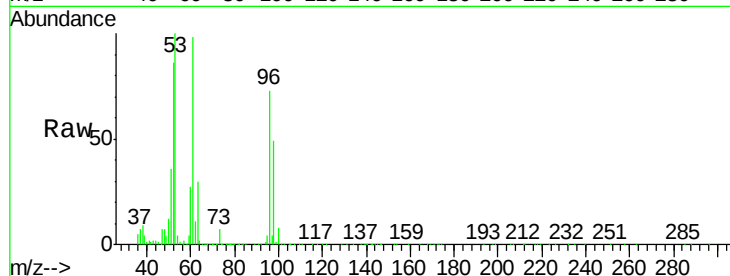
Tot Ion: 96 Resp: 86648

Ion Ratio Lower Upper

96 100

61 134.2 104.6 156.8

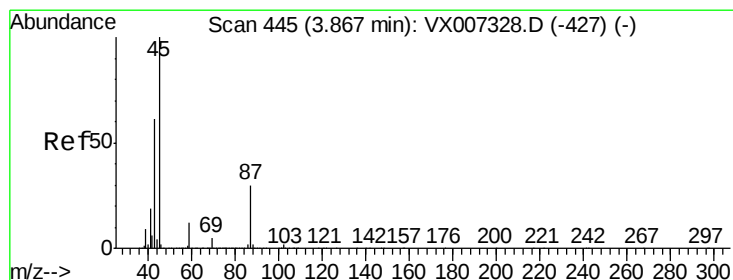
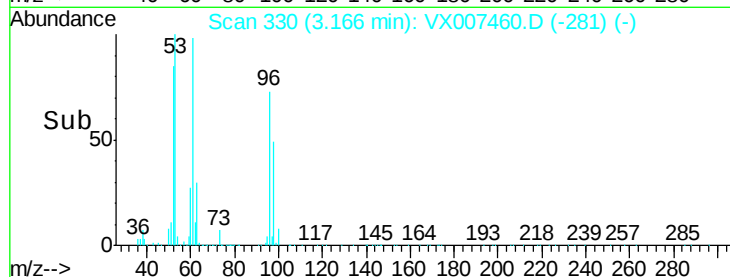
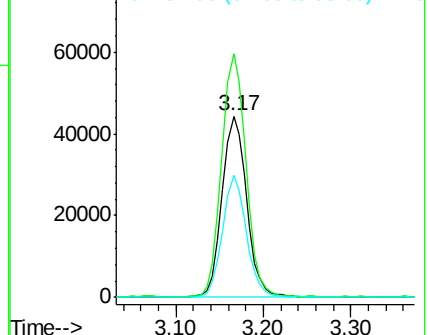
98 67.5 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.588 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Tgt Ion: 45 Resp: 261298

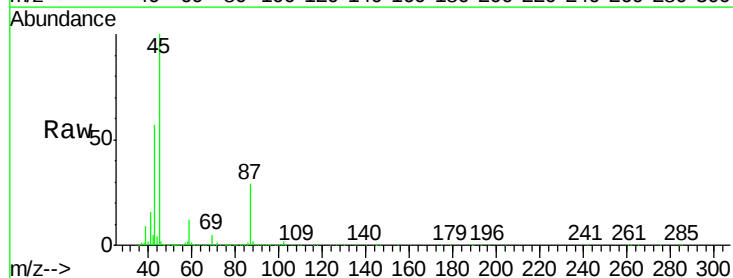
Ion Ratio Lower Upper

45 100

43 56.0 48.9 73.3

87 29.3 23.9 35.9

59 11.7 9.6 14.4

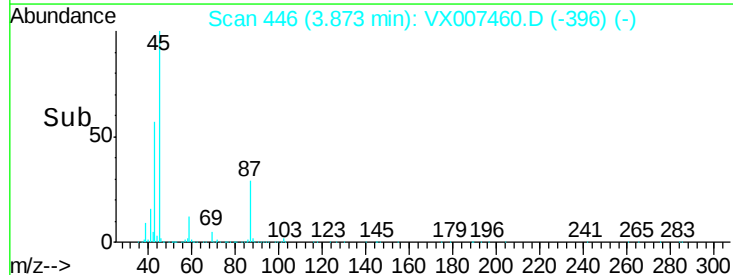
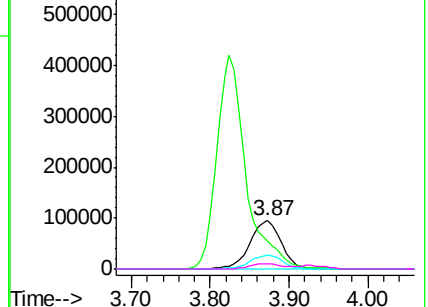


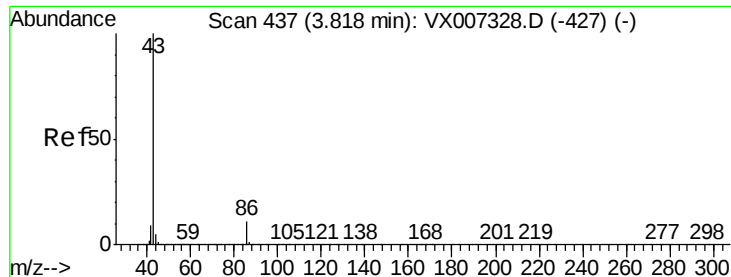
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 97.833 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

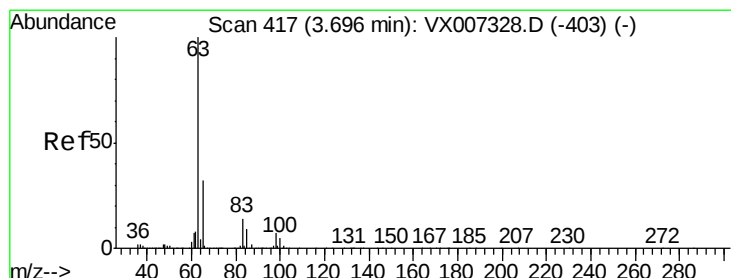
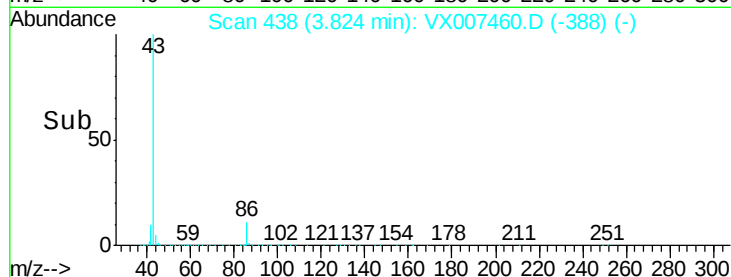
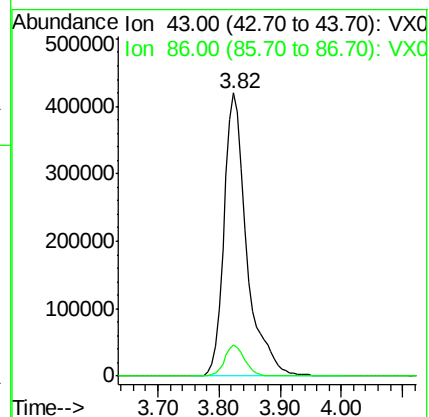
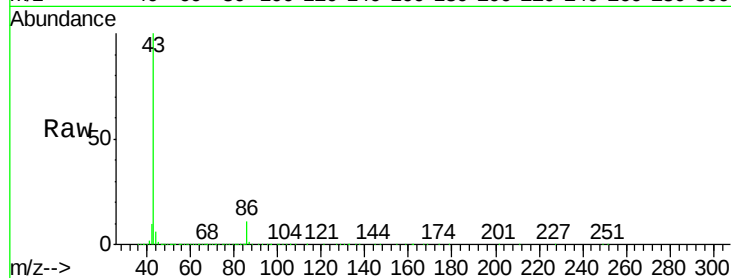
VX0211WBS01

Tot Ion: 43 Resp: 1082989

Ion Ratio Lower Upper

43 100

86 11.0 8.7 13.1



#24

1,1-Dichloroethane

Concen: 19.297 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

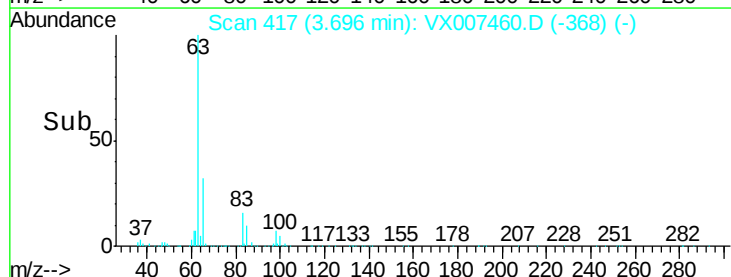
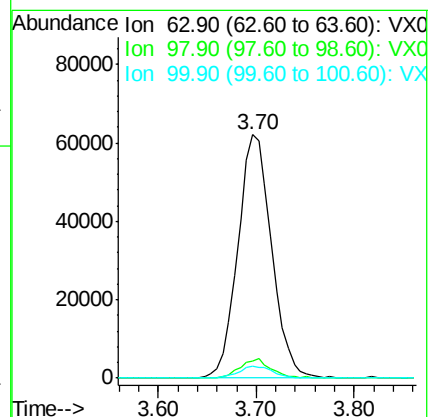
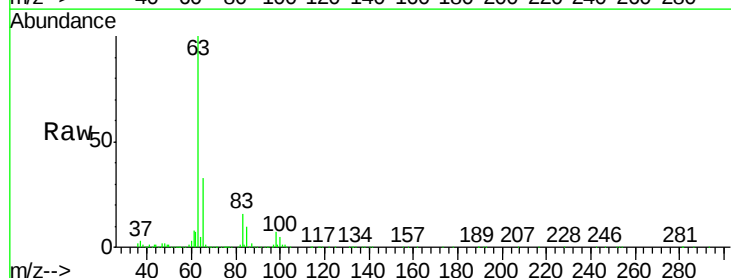
Tgt Ion: 63 Resp: 147833

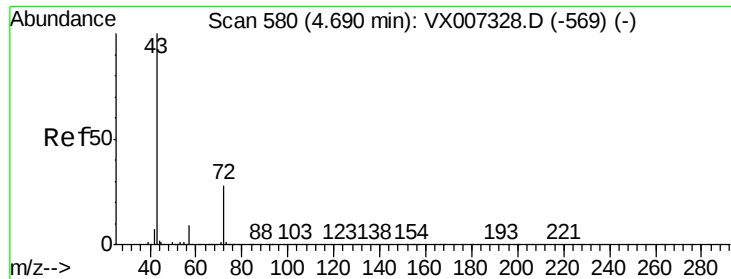
Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

100 4.7 2.5 7.4





#25

2-Butanone

Concen: 105.261 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

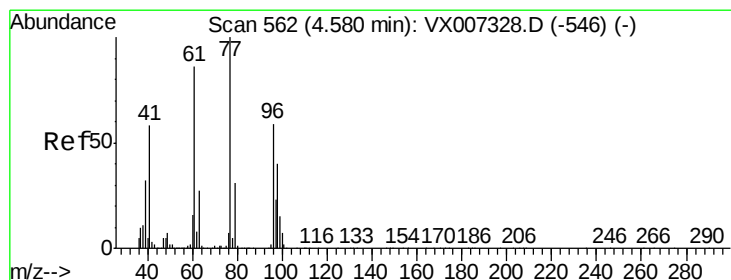
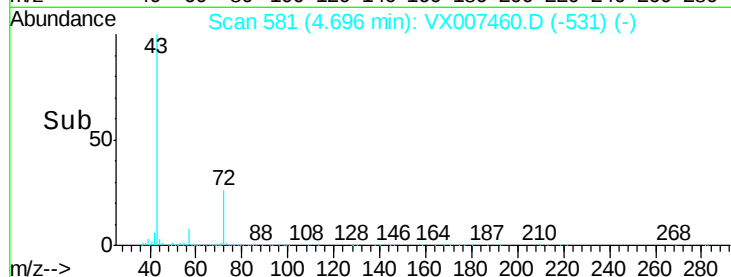
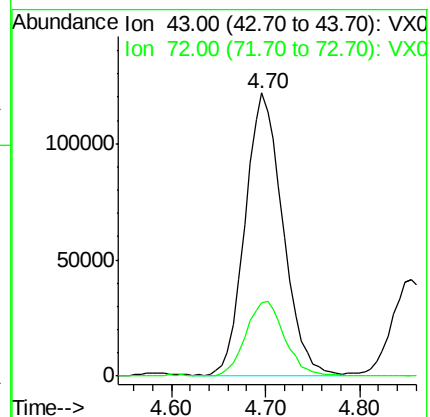
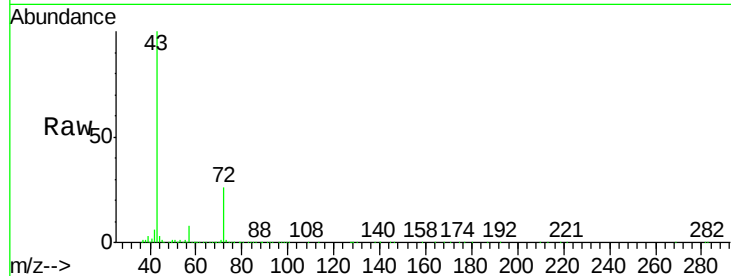
VX0211WBS01

Tot Ion: 43 Resp: 339522

Ion Ratio Lower Upper

43 100

72 25.8 22.2 33.2



#26

2,2-Dichloropropane

Concen: 19.668 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007460.D

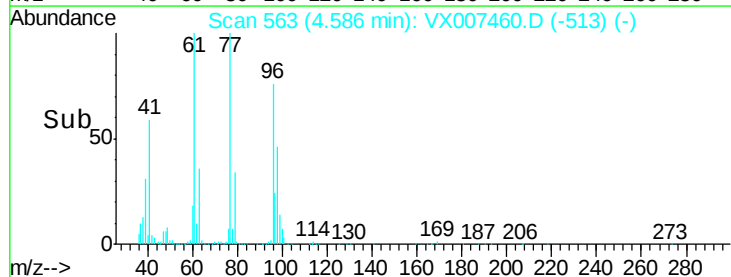
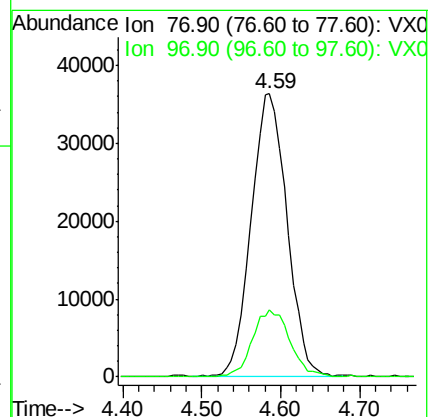
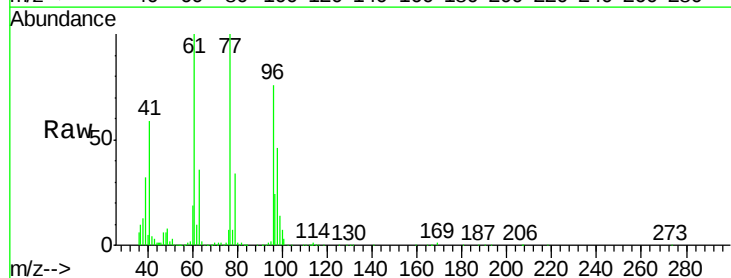
Acq: 11 Feb 2019 11:46

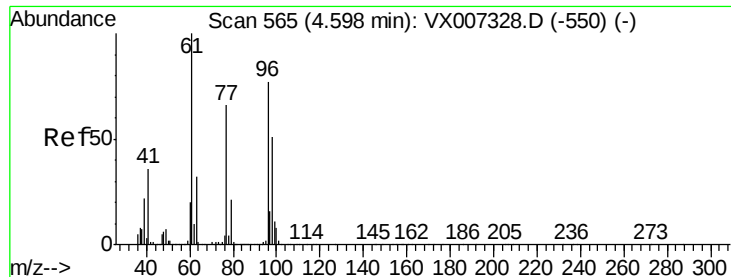
Tgt Ion: 77 Resp: 114746

Ion Ratio Lower Upper

77 100

97 24.8 12.1 36.3



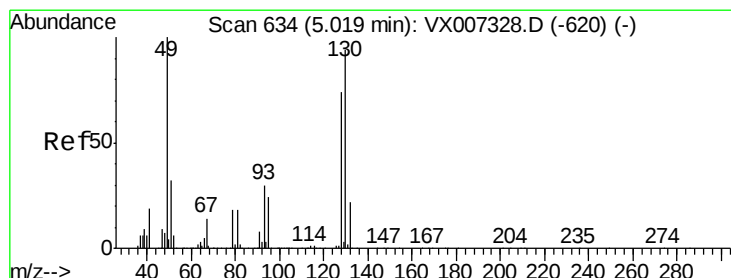
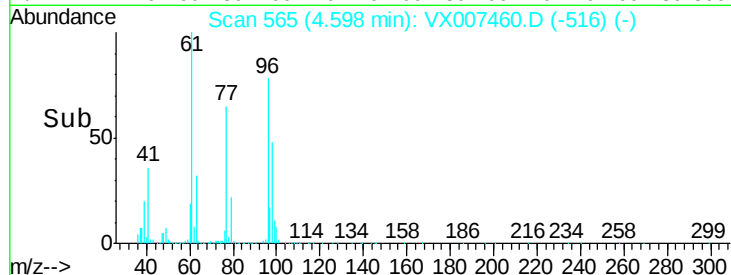
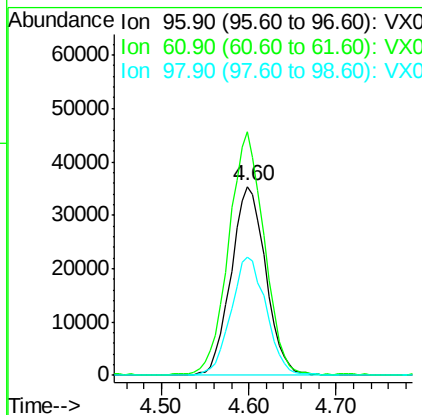
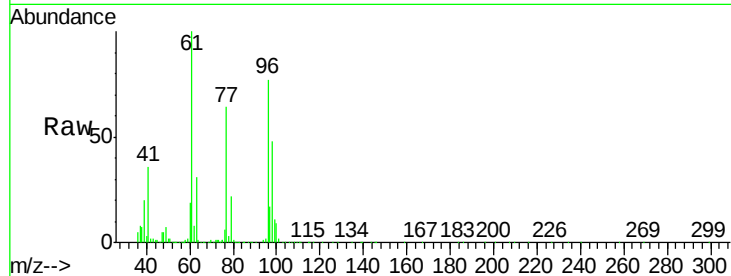


#27

cis-1,2-Dichloroethene
Concen: 18.843 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

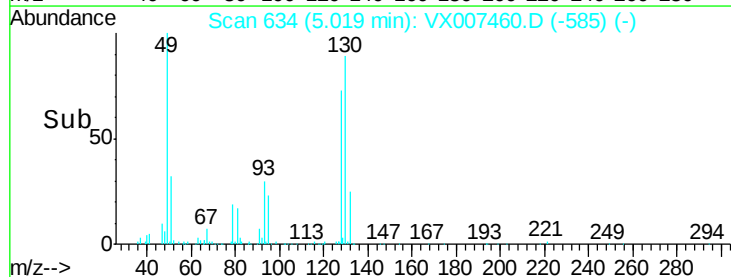
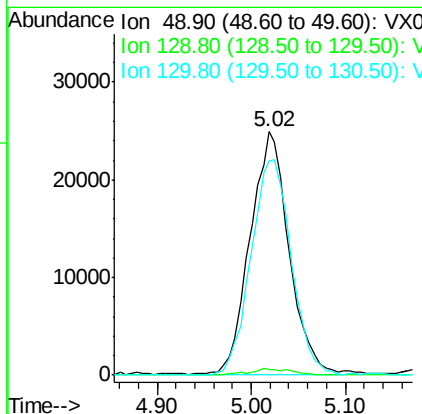
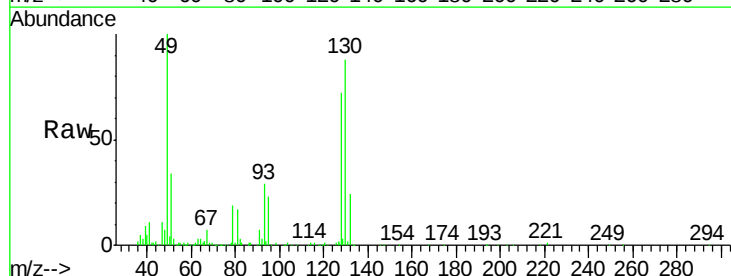
Tot Ion	Ratio	Lower	Upper
96	100		
61	132.6	0.0	265.6
98	63.8	0.0	131.6

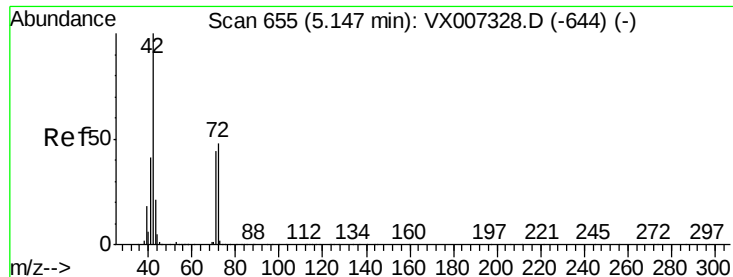


#28

Bromochloromethane
Concen: 20.397 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.6
130	92.3	75.6	113.4





#29

Tetrahydrofuran

Concen: 104.057 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

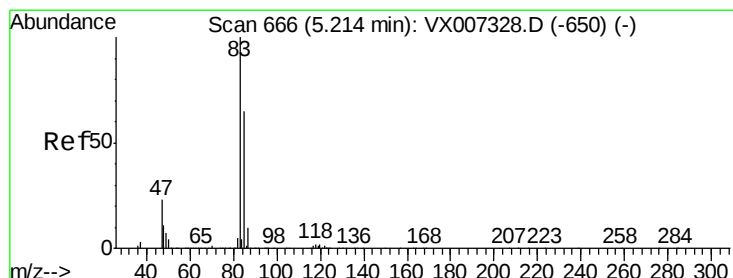
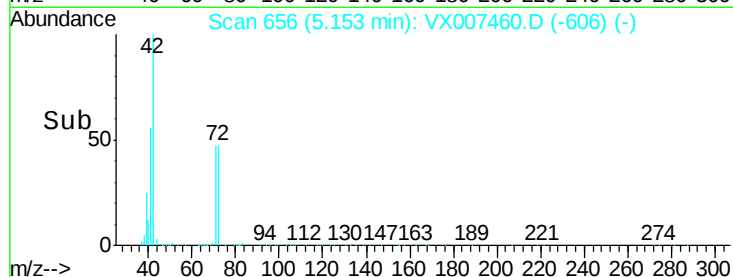
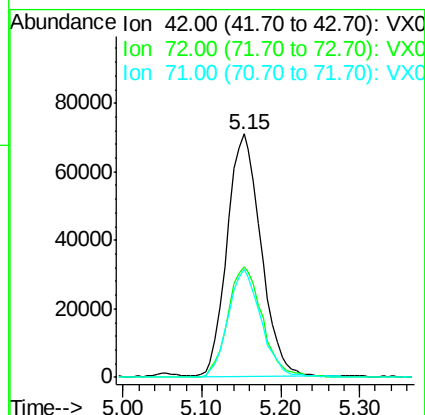
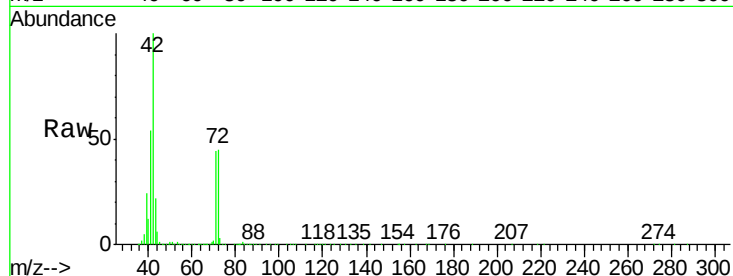
Tot Ion: 42 Resp: 211094

Ion Ratio Lower Upper

42 100

72 46.4 37.6 56.4

71 43.9 34.6 51.8



#30

Chloroform

Concen: 19.399 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007460.D

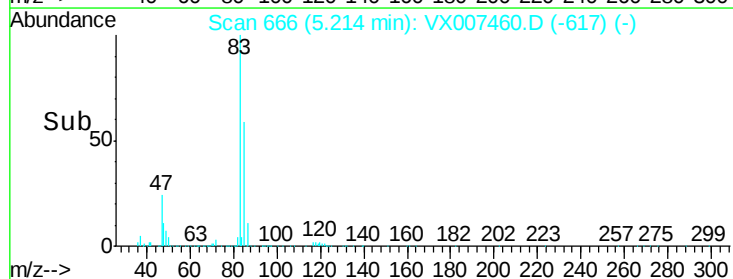
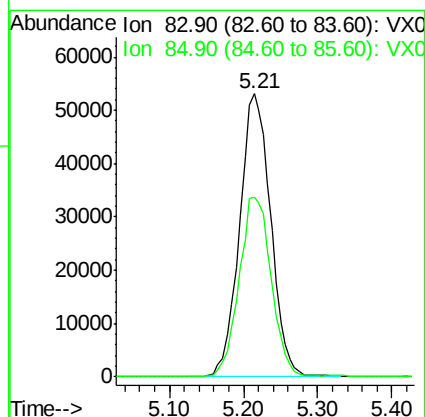
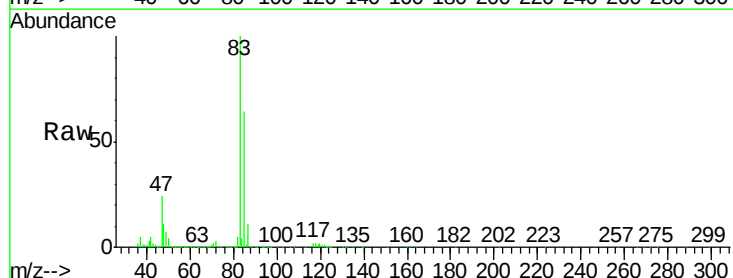
Acq: 11 Feb 2019 11:46

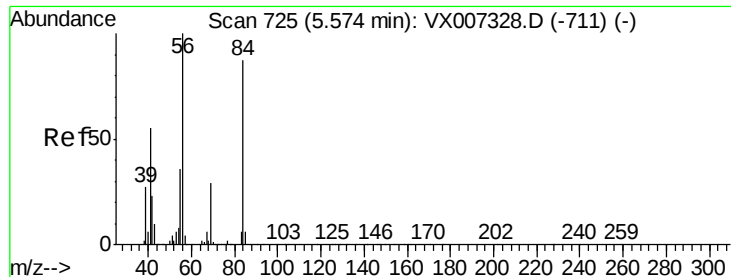
Tgt Ion: 83 Resp: 155072

Ion Ratio Lower Upper

83 100

85 63.5 51.6 77.4

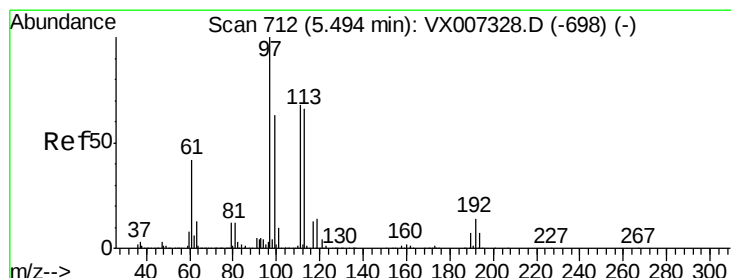
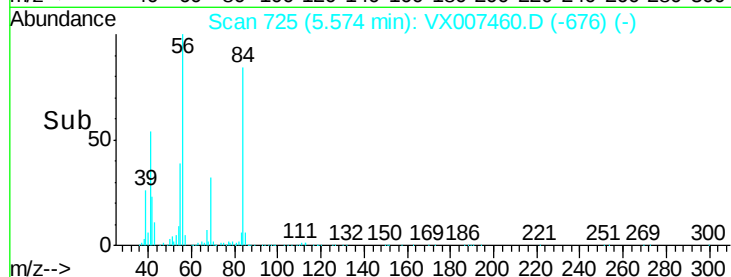
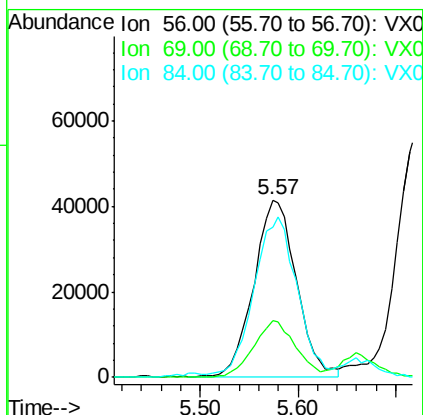
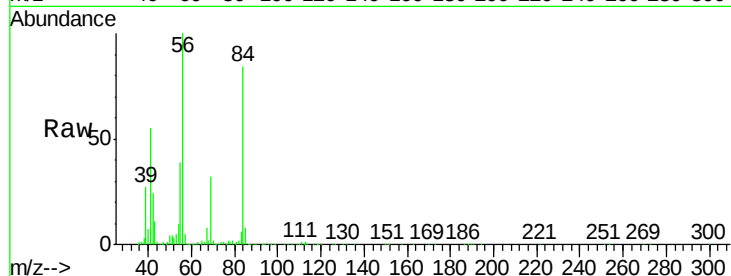




#31
Cyclohexane
Concen: 18.308 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

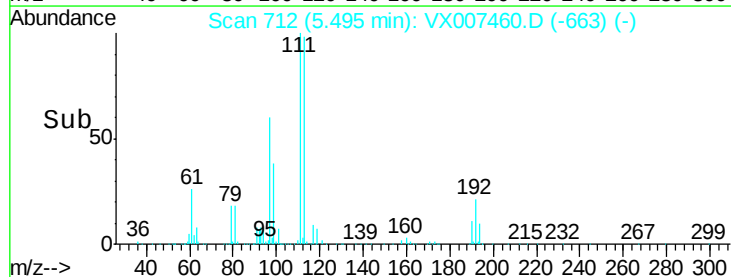
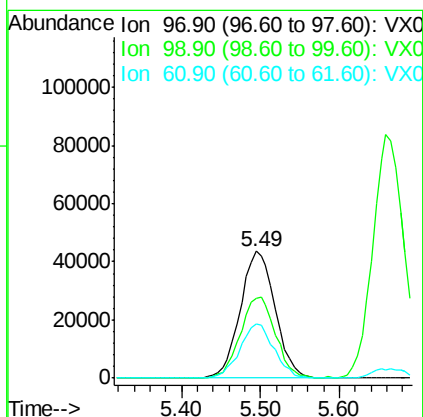
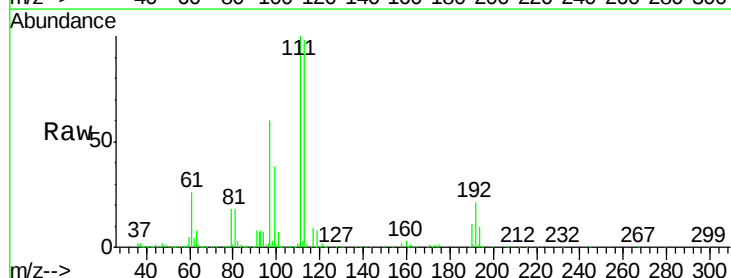
Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

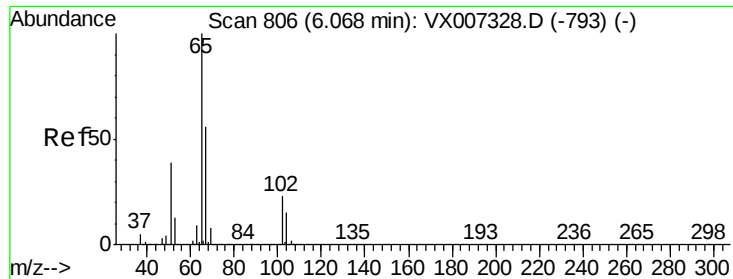
Tot Ion: 56 Resp: 125965
Ion Ratio Lower Upper
56 100
69 31.7 23.0 34.6
84 82.0 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 19.789 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Tgt Ion: 97 Resp: 133531
Ion Ratio Lower Upper
97 100
99 64.3 52.2 78.2
61 41.2 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 50.454 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

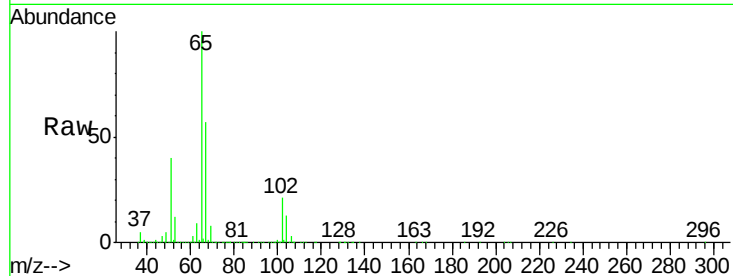
VX0211WBS01

Tot Ion: 65 Resp: 249642

Ion Ratio Lower Upper

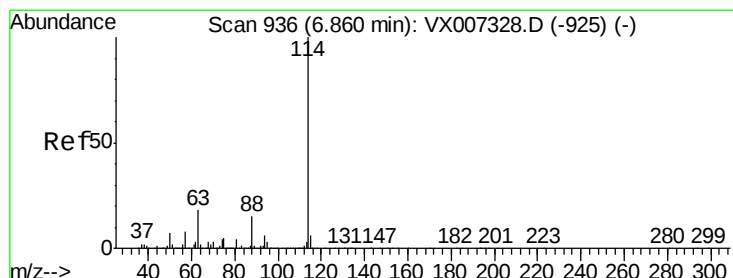
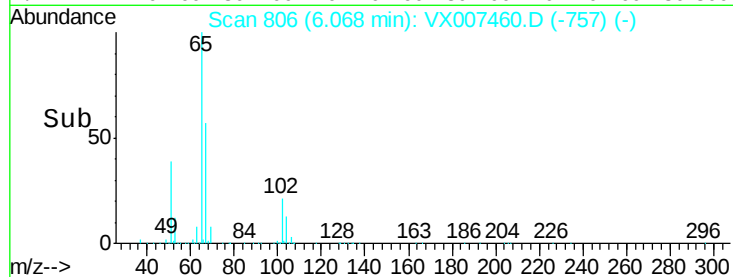
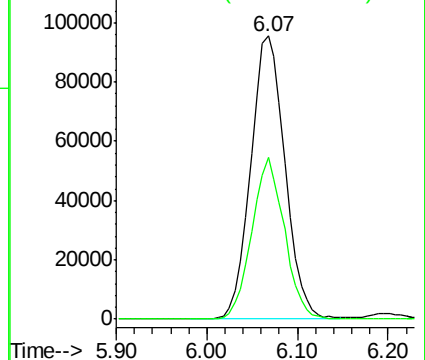
65 100

67 54.3 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

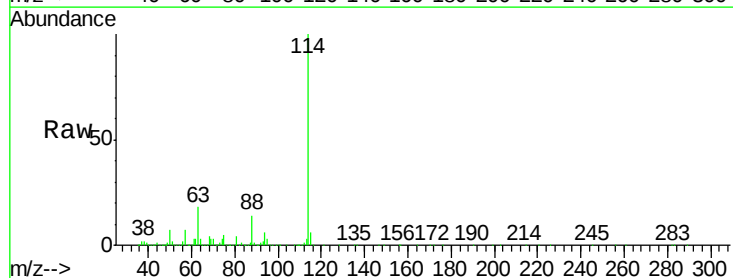
Tgt Ion: 114 Resp: 682707

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.6

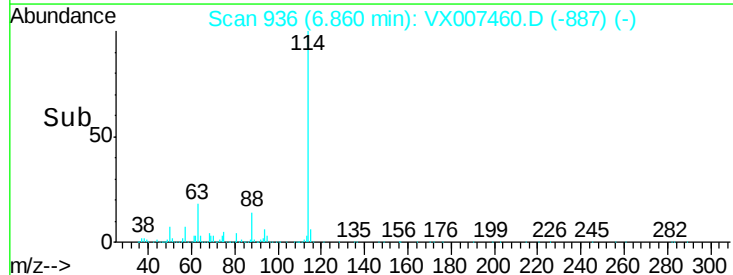
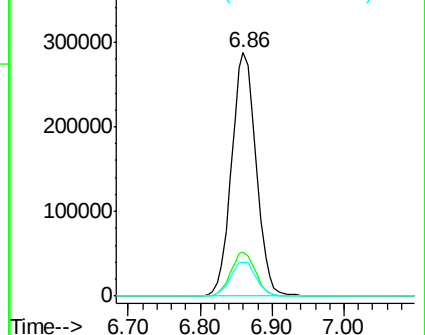
88 14.0 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.213 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

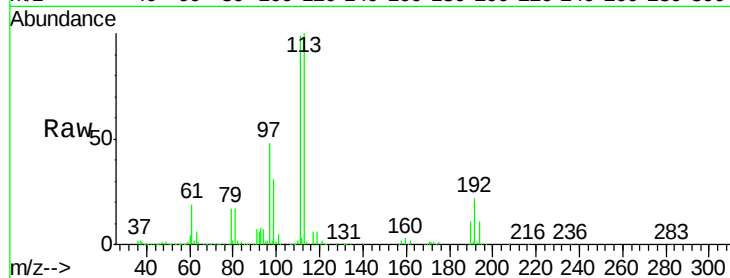
Tot Ion:113 Resp: 227496

Ion Ratio Lower Upper

113 100

111 101.7 81.8 122.8

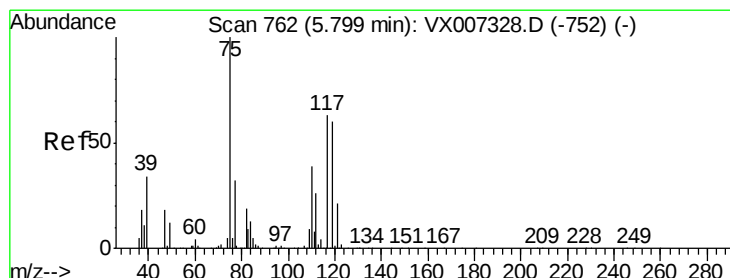
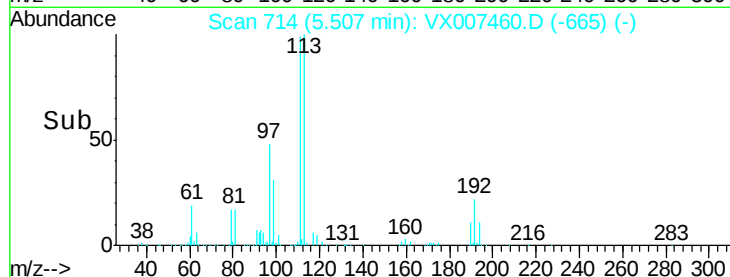
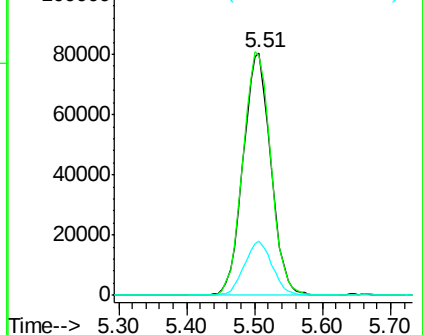
192 22.6 18.5 27.7



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: 17.801 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

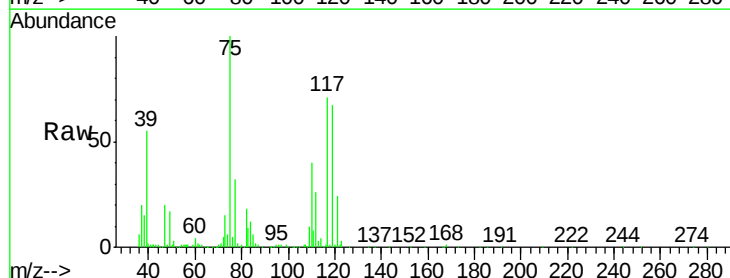
Tgt Ion: 75 Resp: 109041

Ion Ratio Lower Upper

75 100

110 40.7 20.0 59.9

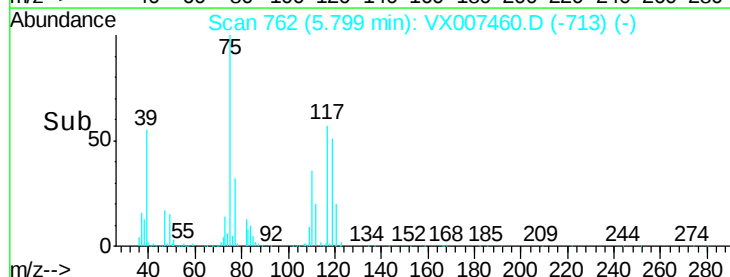
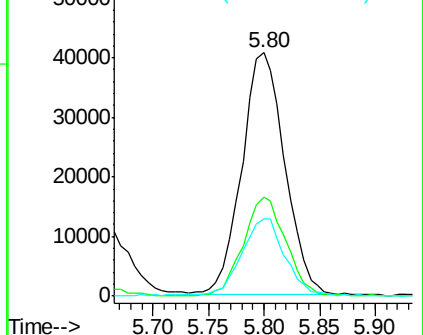
77 31.9 24.7 37.1

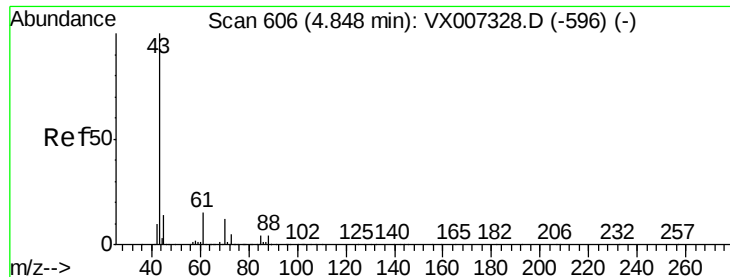


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 19.535 ug/l

RT: 4.85 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampled :

VX0211WBS01

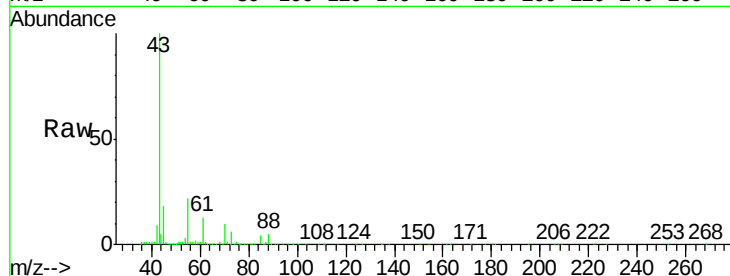
Tot Ion: 43 Resp: 120960

Ion Ratio Lower Upper

43 100

61 14.8 11.3 16.9

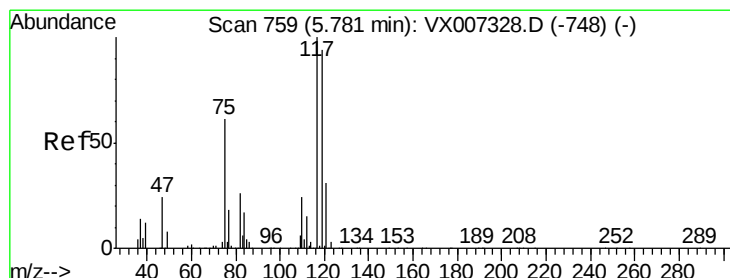
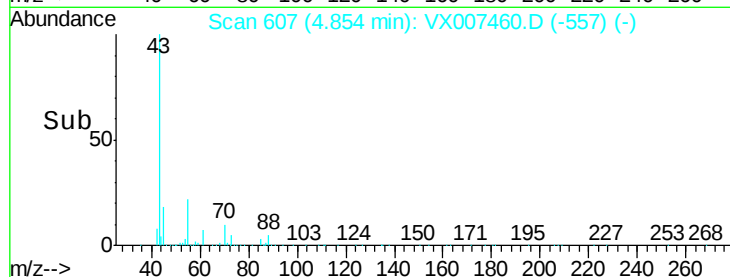
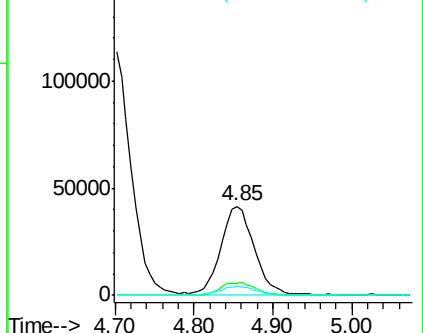
70 10.8 8.6 13.0



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: 19.809 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

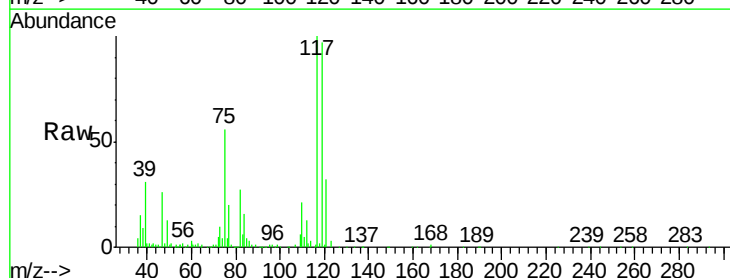
Tgt Ion: 117 Resp: 117717

Ion Ratio Lower Upper

117 100

119 96.6 75.3 112.9

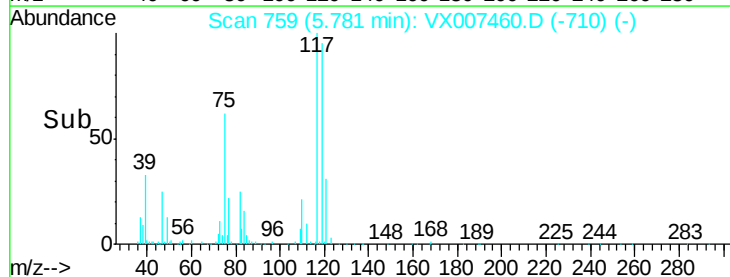
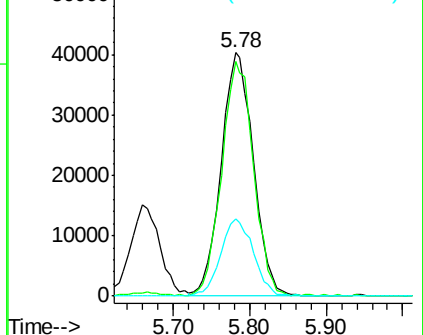
121 31.6 25.0 37.4



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

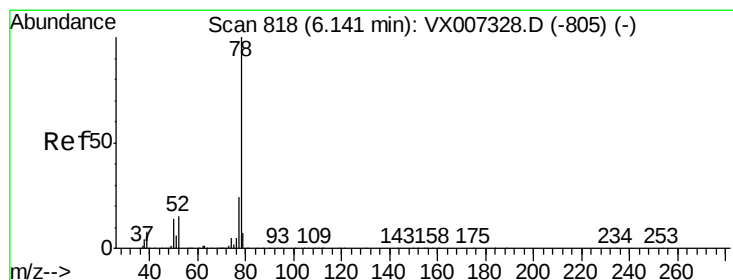
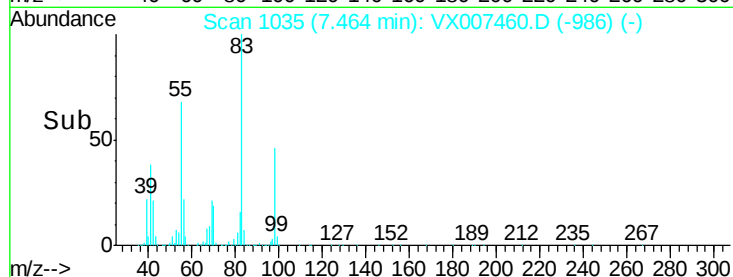
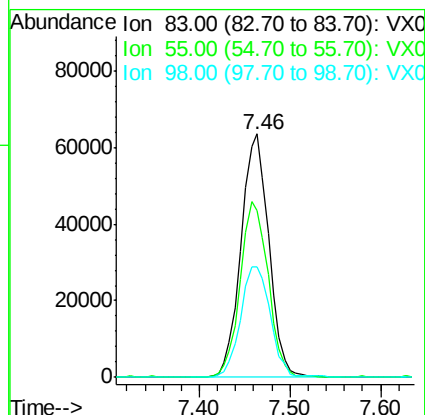
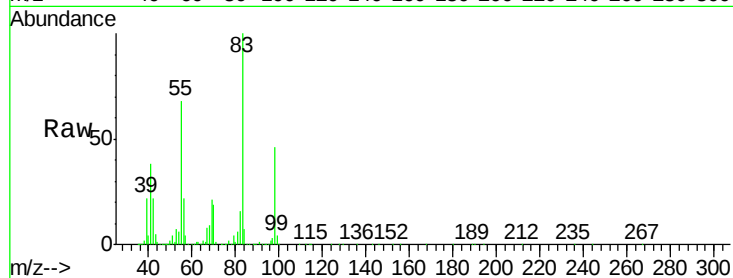




#39
Methvlcvclohexane
Concen: 18.302 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

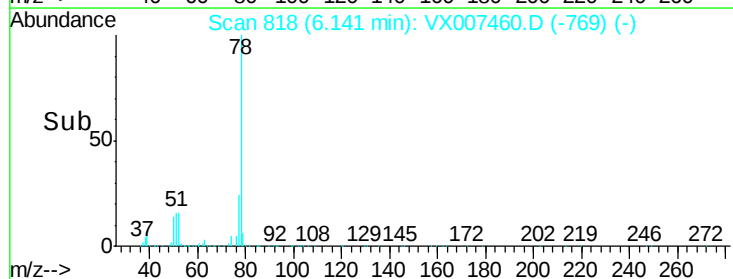
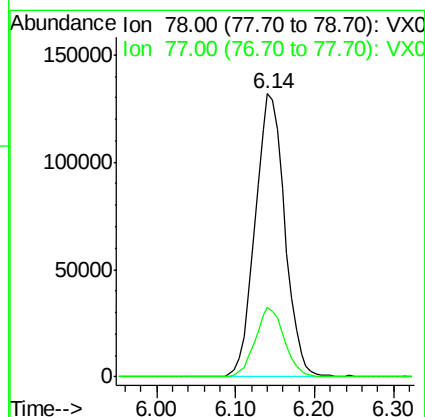
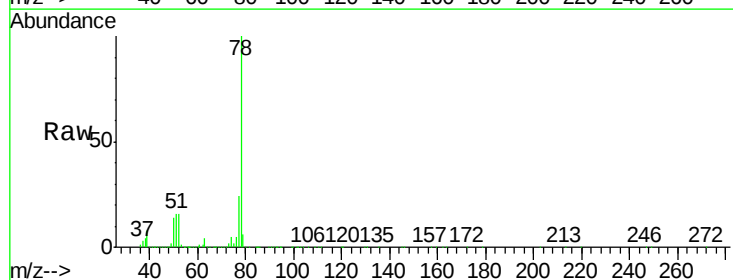
Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

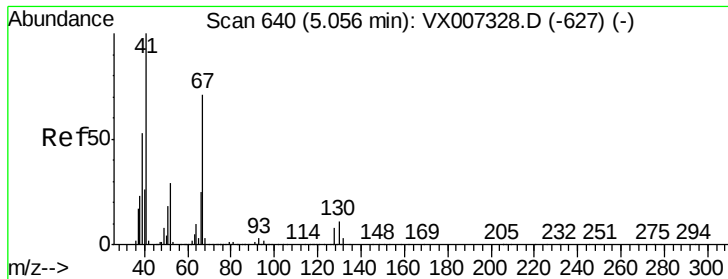
Tot Ion: 83 Resp: 135640
Ion Ratio Lower Upper
83 100
55 68.4 56.2 84.2
98 45.5 36.8 55.2



#40
Benzene
Concen: 19.079 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Tgt Ion: 78 Resp: 344266
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9





#41

Methacrylonitrile

Concen: 19.770 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

Tot Ion: 41 Resp: 65611

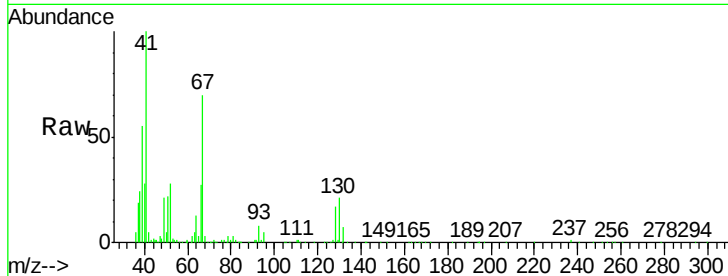
Ion Ratio Lower Upper

41 100

39 55.5 44.5 66.7

67 76.1 60.4 90.6

52 31.8 24.1 36.1



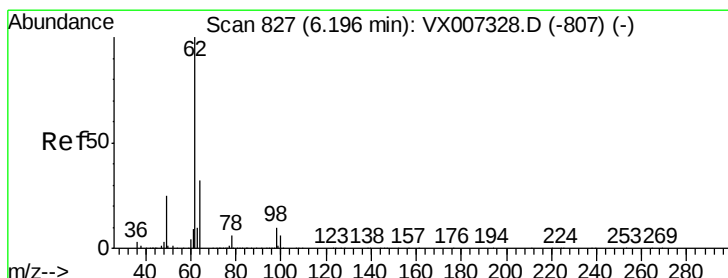
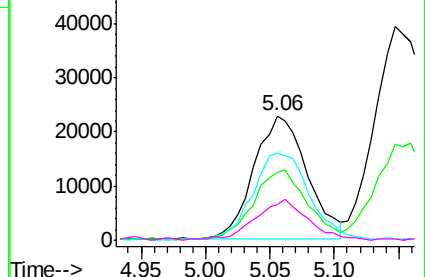
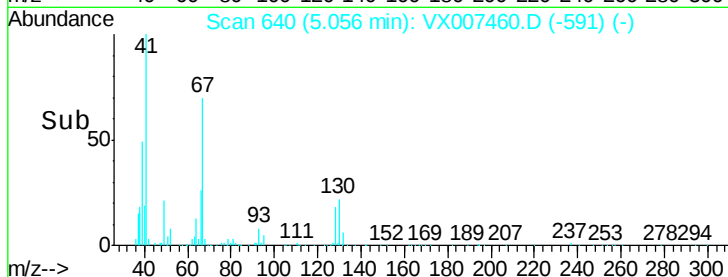
Abundance Ion 41.00 (40.70 to 41.70): VX0

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

Time-->



#42

1,2-Dichloroethane

Concen: 18.830 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX007460.D

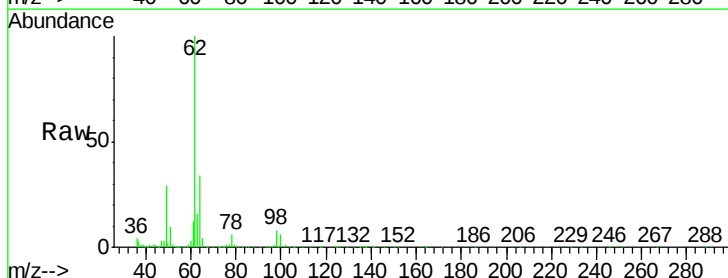
Acq: 11 Feb 2019 11:46

Tgt Ion: 62 Resp: 117559

Ion Ratio Lower Upper

62 100

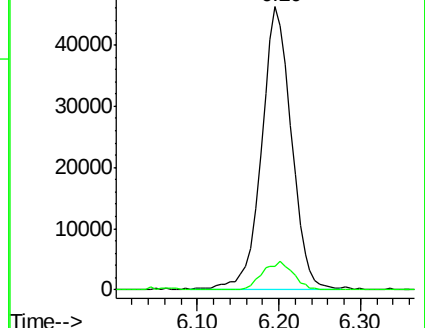
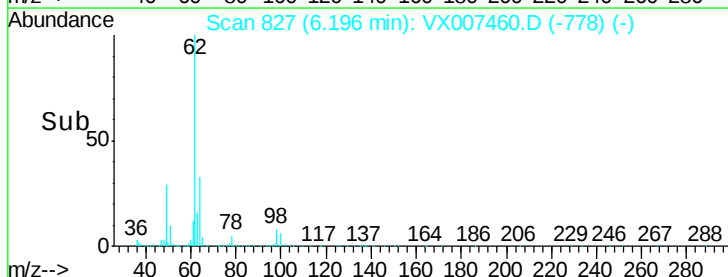
98 10.3 0.0 19.0

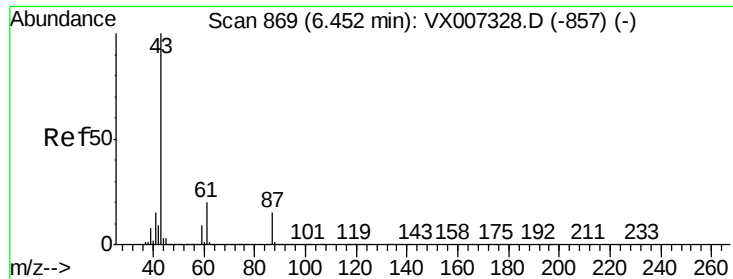


Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Time-->



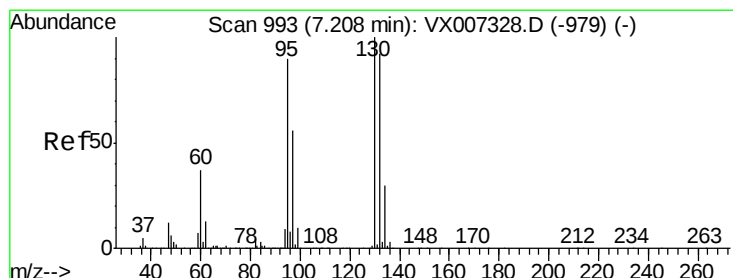
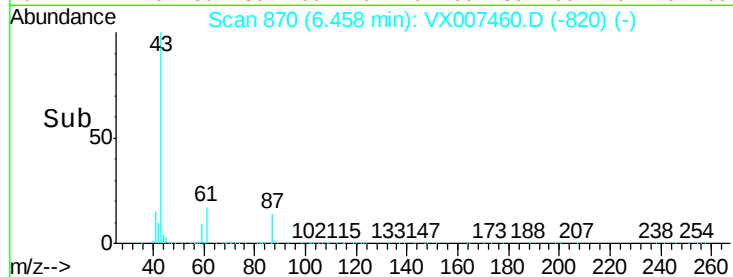
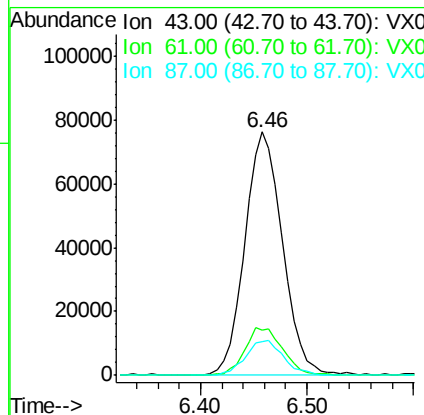
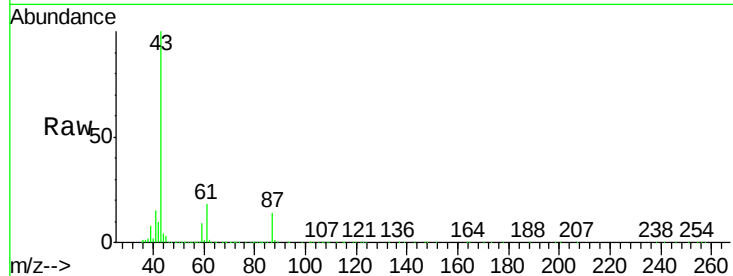


#43

Isopropyl Acetate
 Concen: 19.783 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007460.D
 Acq: 11 Feb 2019 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBS01

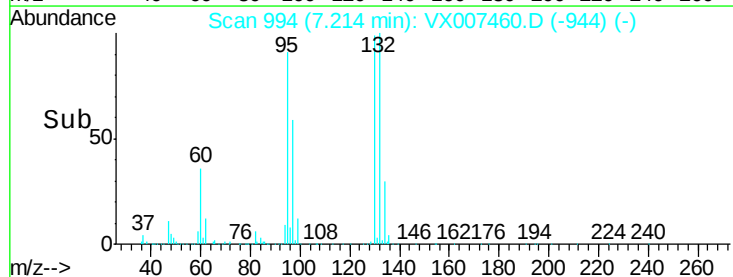
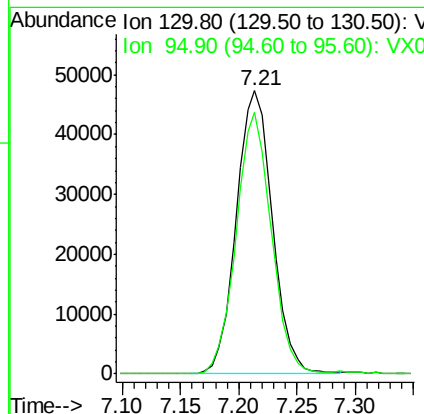
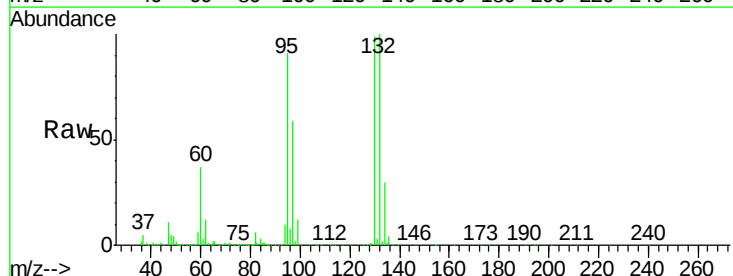
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	16.1	24.1
87	14.6	11.5	17.3

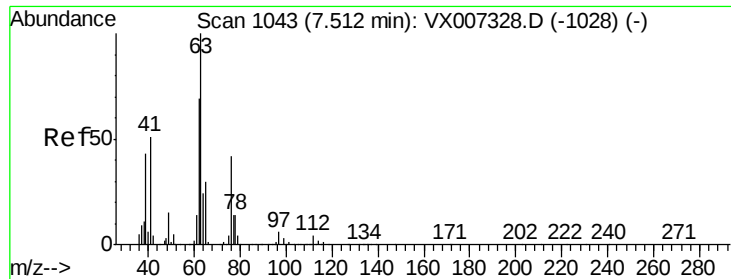


#44

Trichloroethene
 Concen: 18.800 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007460.D
 Acq: 11 Feb 2019 11:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	180.0





#45

1,2-Dichloropropane

Concen: 18.878 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

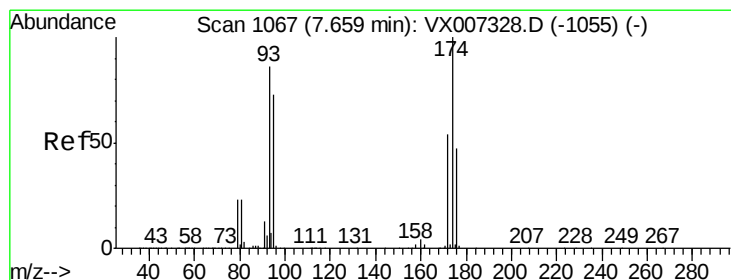
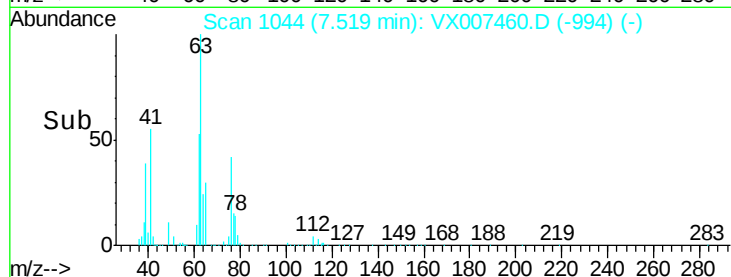
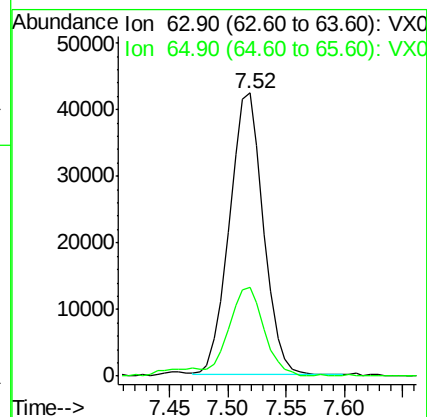
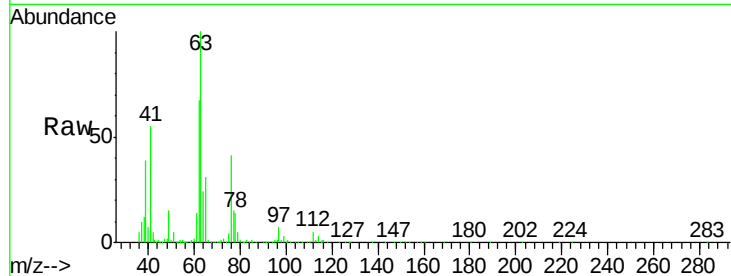
VX0211WBS01

Tot Ion: 63 Resp: 85348

Ion Ratio Lower Upper

63 100

65 31.1 24.2 36.2



#46

Dibromomethane

Concen: 18.509 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

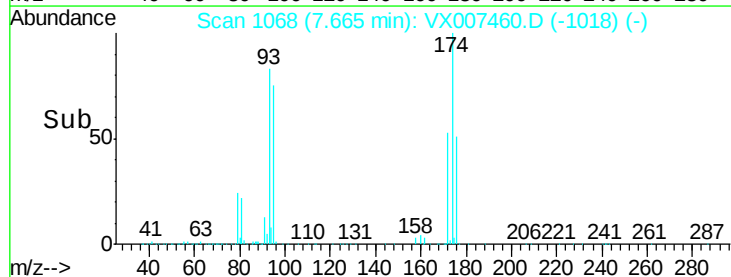
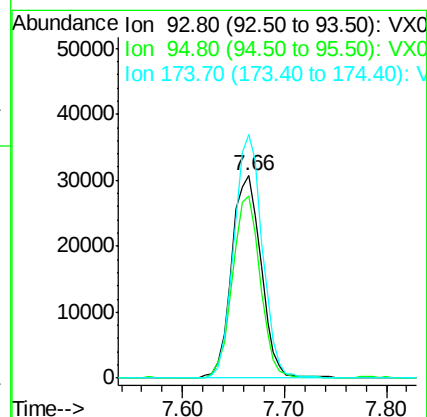
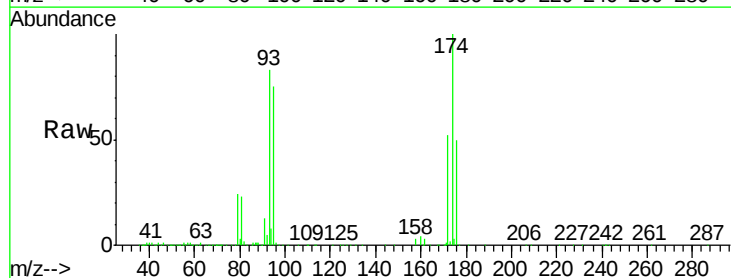
Tgt Ion: 93 Resp: 60817

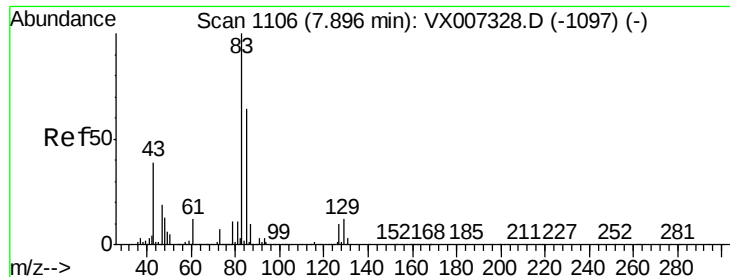
Ion Ratio Lower Upper

93 100

95 85.3 67.6 101.4

174 116.6 94.2 141.4





#47

Bromodichloromethane

Concen: 19.536 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

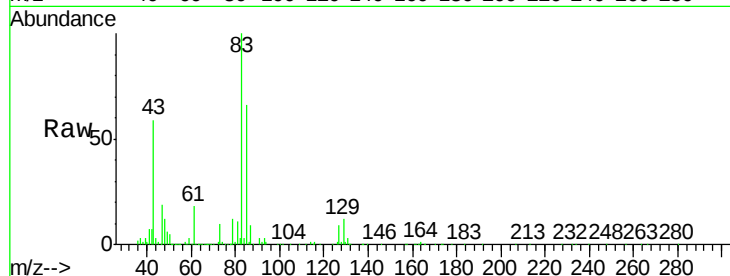
Tot Ion: 83 Resp: 108791

Ion Ratio Lower Upper

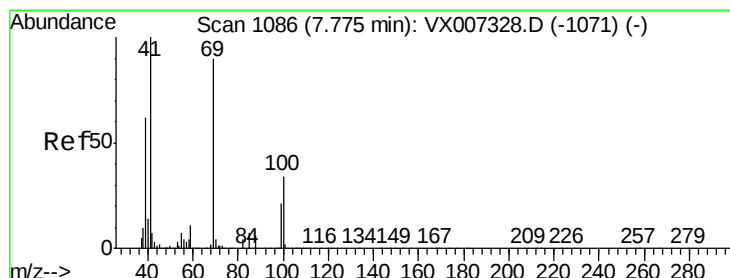
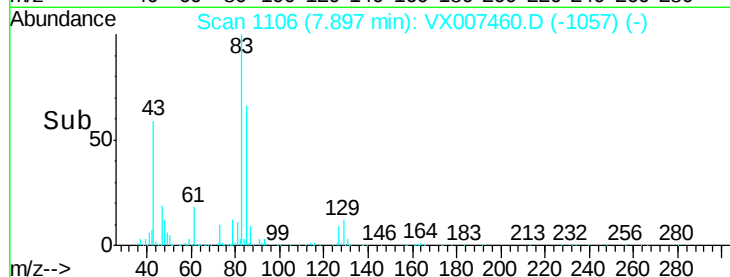
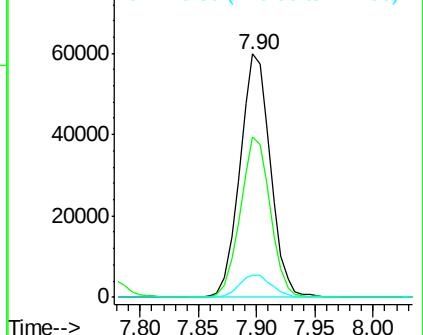
83 100

85 65.9 51.4 77.0

127 8.9 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: 20.517 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

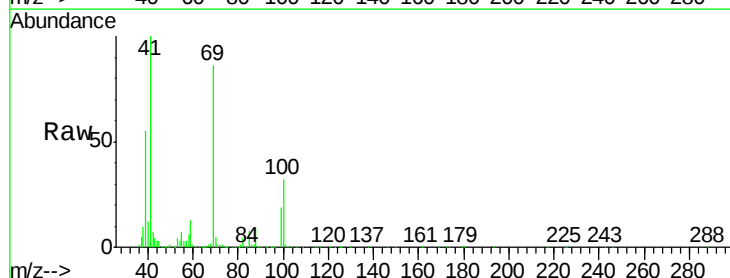
Tgt Ion: 41 Resp: 98084

Ion Ratio Lower Upper

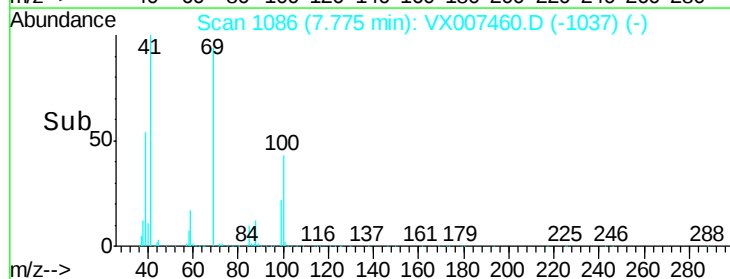
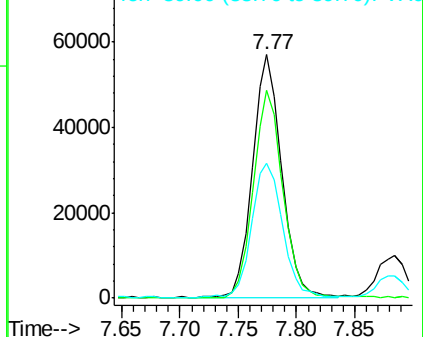
41 100

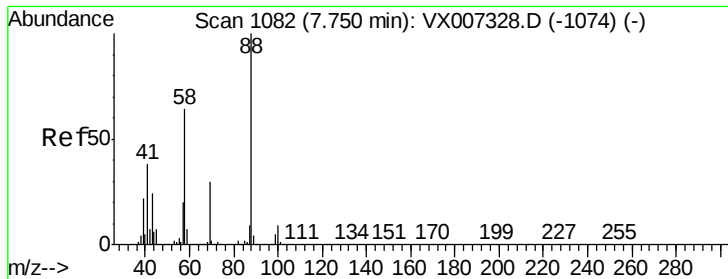
69 88.1 70.2 105.4

39 59.1 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: 419.658 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

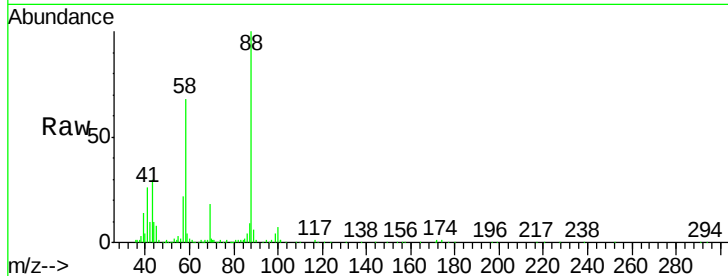
Tot Ion: 88 Resp: 45189

Ion	Ratio	Lower	Upper
88	100		
43	33.9	24.2	36.4
58	64.0	53.0	79.4

88 100

43 33.9 24.2 36.4

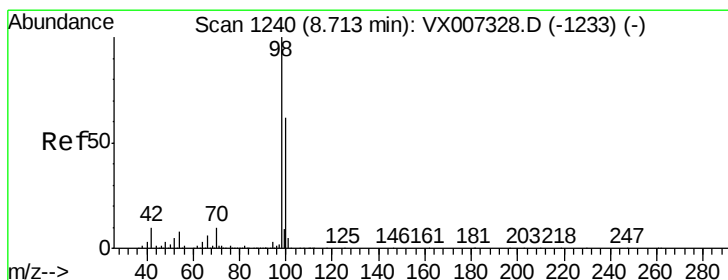
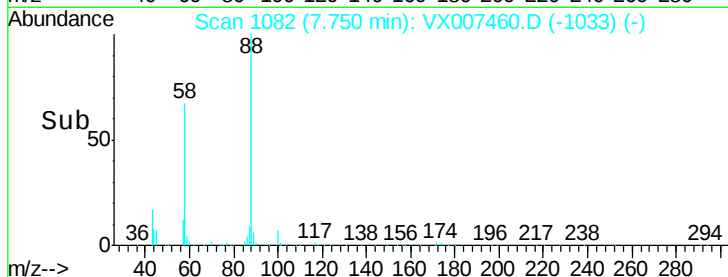
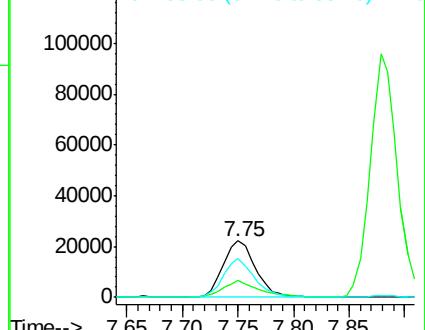
58 64.0 53.0 79.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.657 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007460.D

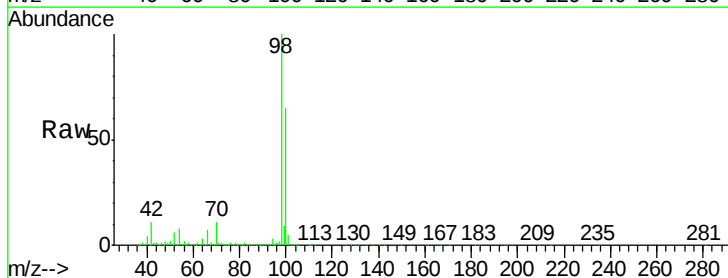
Acq: 11 Feb 2019 11:46

Tgt Ion: 98 Resp: 834882

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4

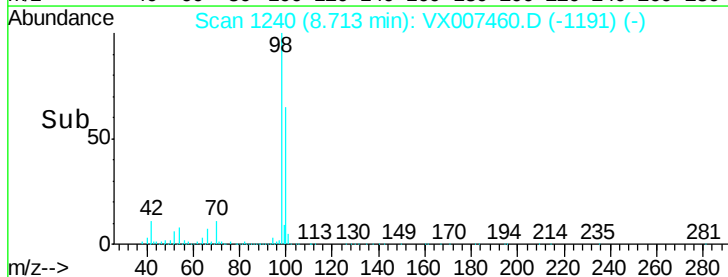
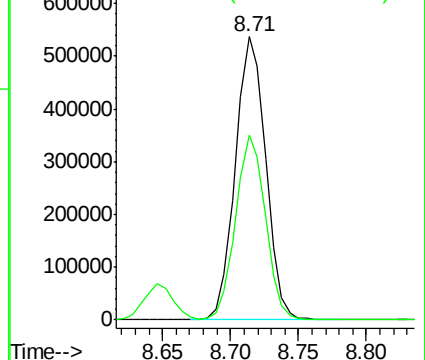
98 100

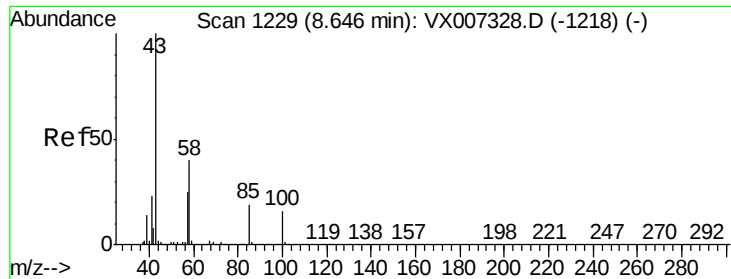
100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 101.637 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

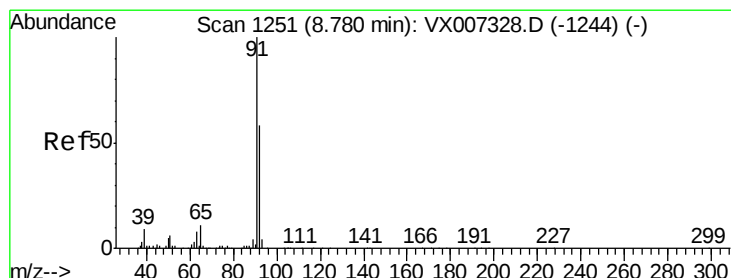
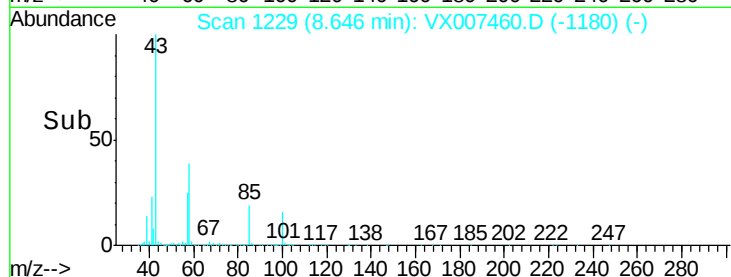
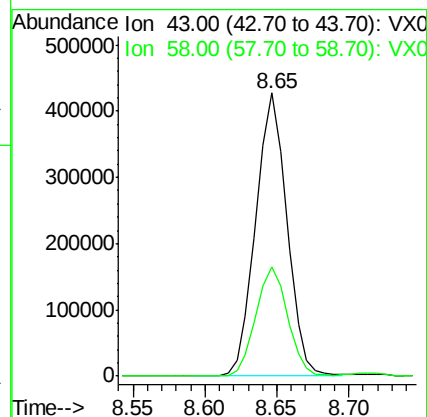
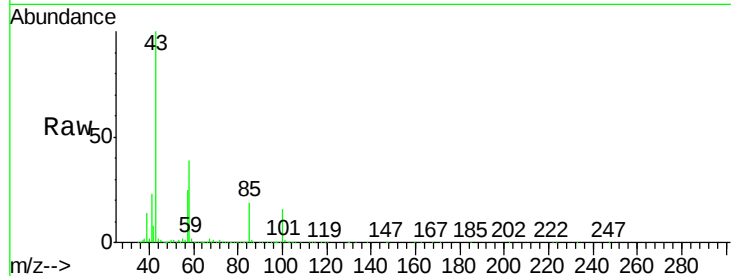
VX0211WBS01

Tot Ion: 43 Resp: 639484

Ion Ratio Lower Upper

43 100

58 39.4 31.2 46.8



#52

Toluene

Concen: 18.966 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX007460.D

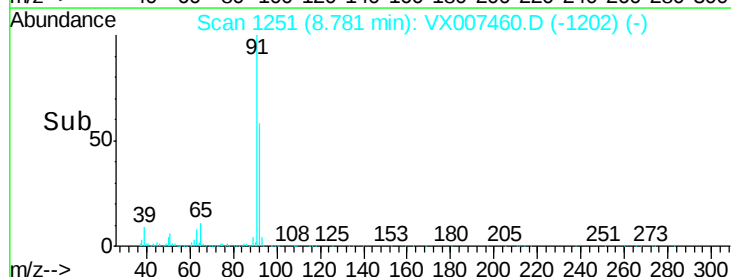
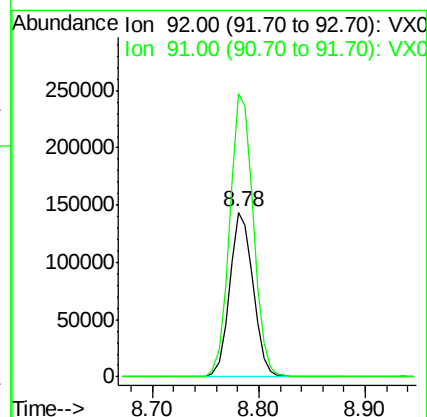
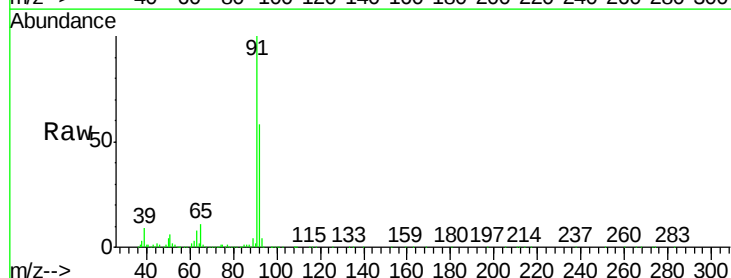
Acq: 11 Feb 2019 11:46

Tgt Ion: 92 Resp: 220800

Ion Ratio Lower Upper

92 100

91 174.0 139.1 208.7

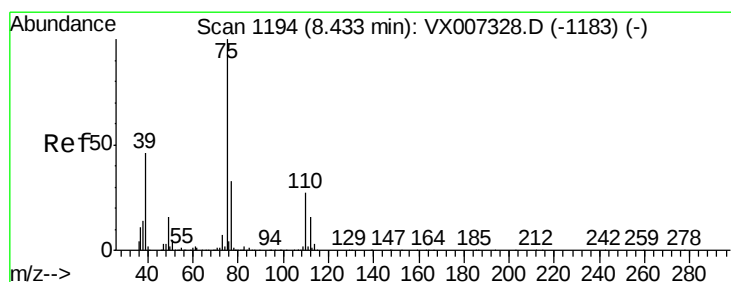
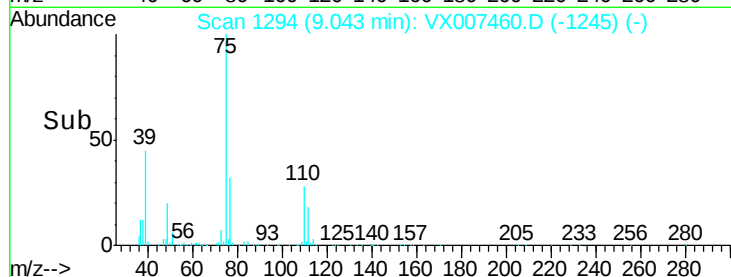
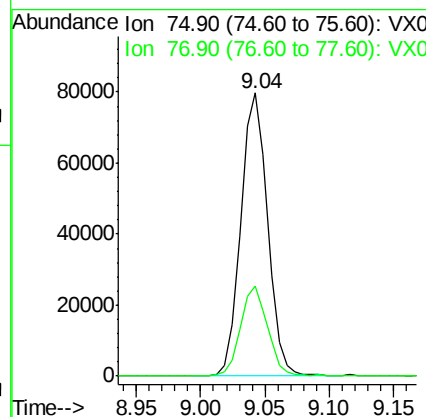
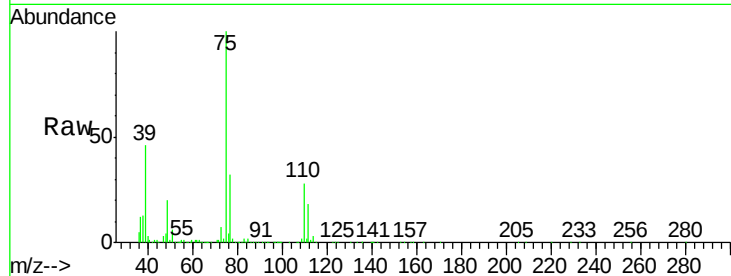




#53
 t-1,3-Dichloropropene
 Concen: 19.244 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX007460.D
 Acq: 11 Feb 2019 11:46

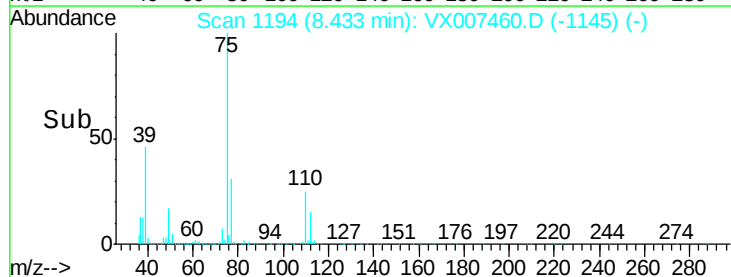
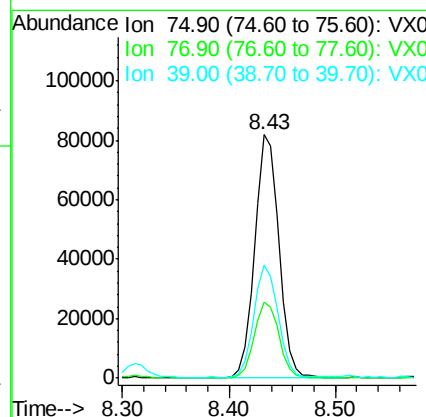
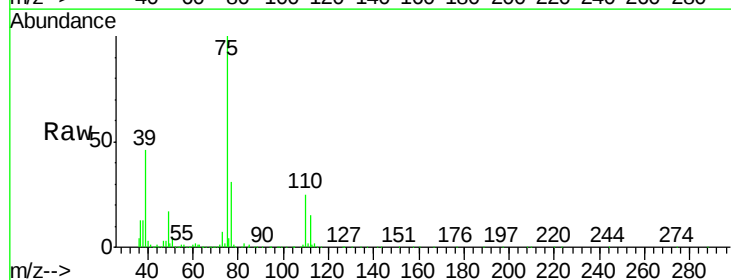
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBS01

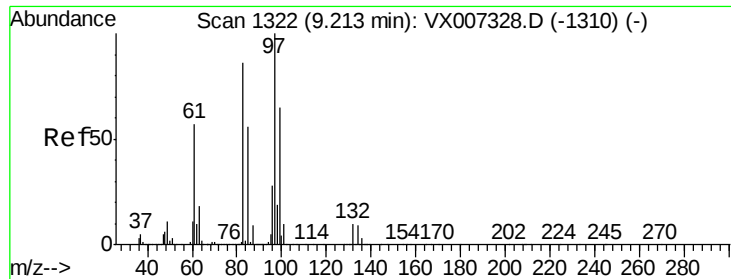
Tot Ion: 75 Resp: 115110
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.905 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX007460.D
 Acq: 11 Feb 2019 11:46

Tgt Ion: 75 Resp: 130938
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.2 39.4
 39 46.0 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 19.421 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

Tot Ion: 97 Resp: 94248

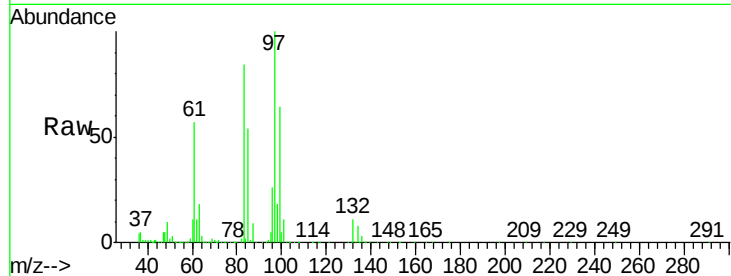
Ion Ratio Lower Upper

97 100

83 83.6 68.6 102.8

85 53.9 44.5 66.7

99 63.7 52.2 78.4

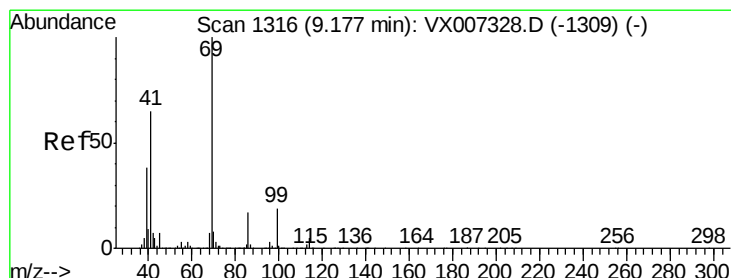
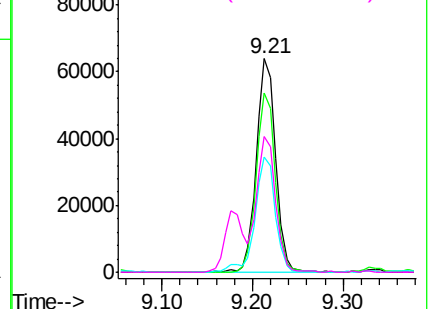
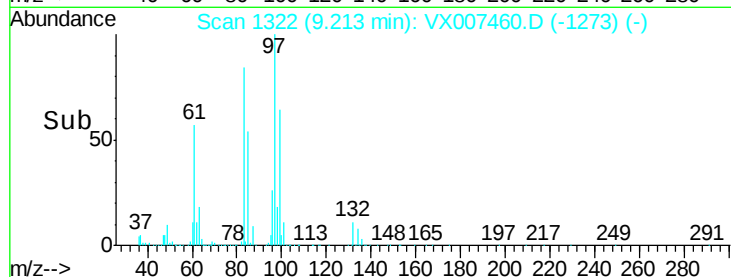


Abundance Ion 96.90 (96.60 to 97.60): VX0

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



#56

Ethyl methacrylate

Concen: 19.174 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

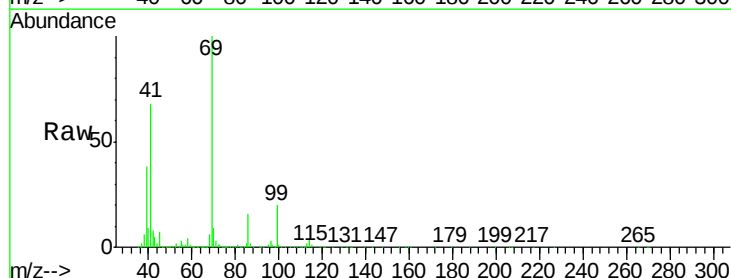
Tgt Ion: 69 Resp: 128873

Ion Ratio Lower Upper

69 100

41 66.3 52.1 78.1

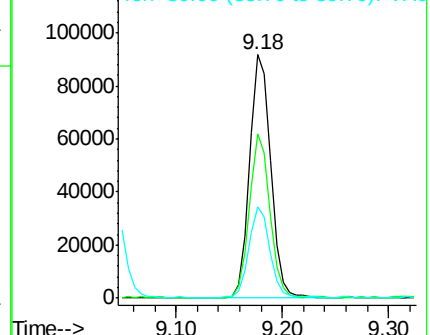
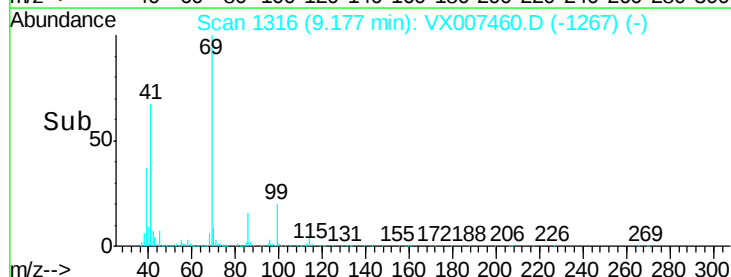
39 36.6 30.1 45.1

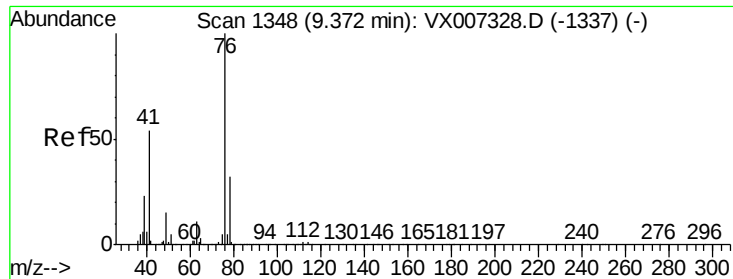


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.668 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

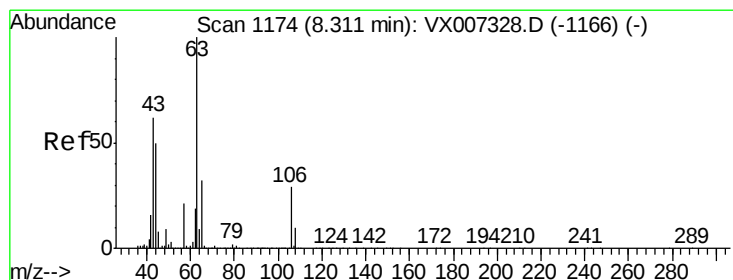
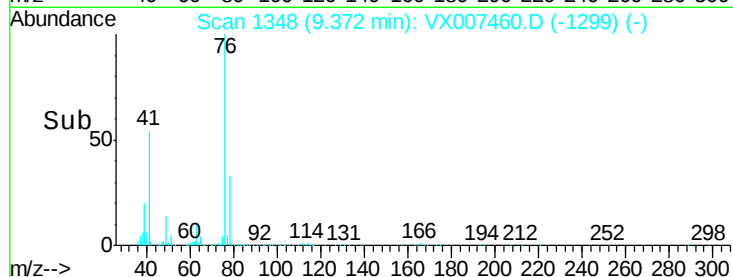
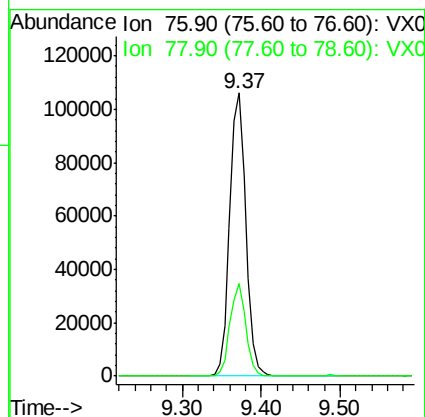
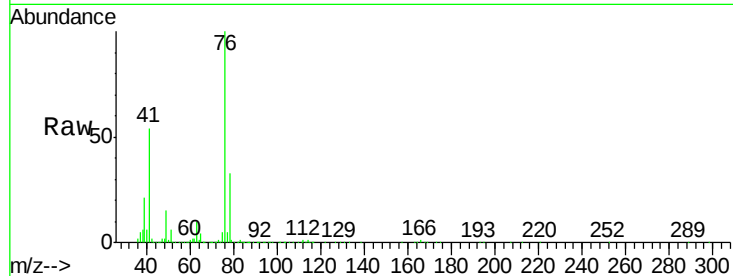
VX0211WBS01

Tot Ion: 76 Resp: 151786

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 98.764 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007460.D

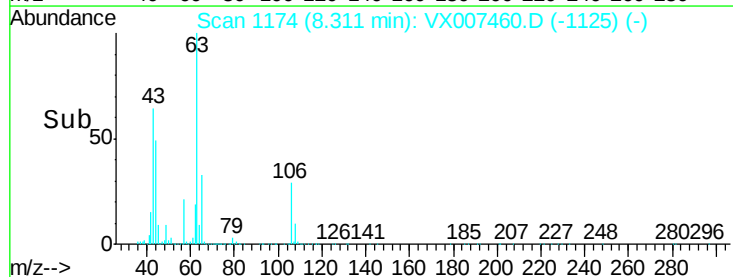
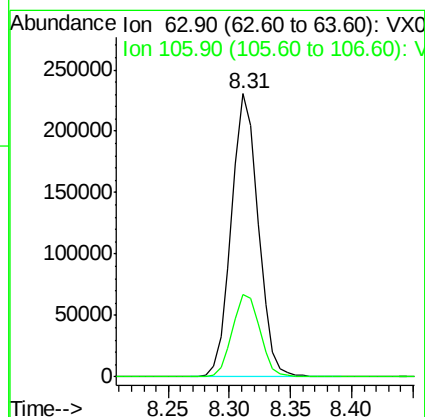
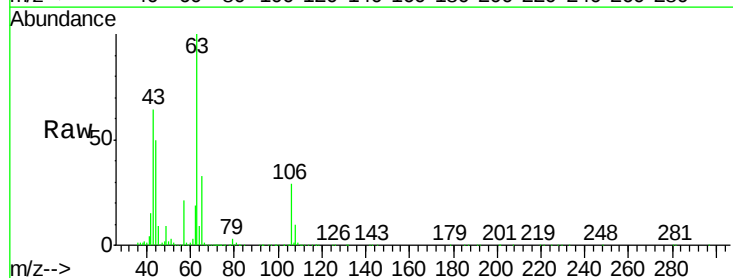
Acq: 11 Feb 2019 11:46

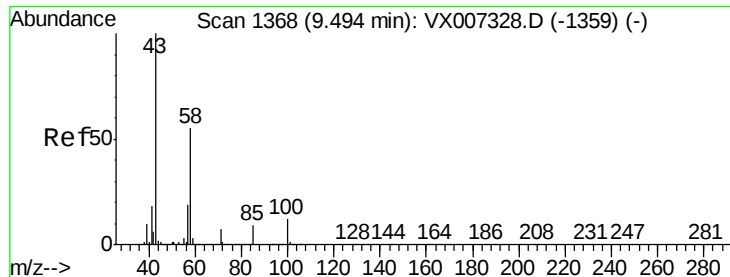
Tgt Ion: 63 Resp: 349882

Ion Ratio Lower Upper

63 100

106 30.0 23.6 35.4

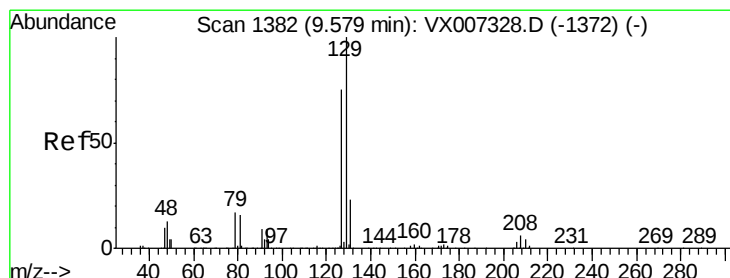
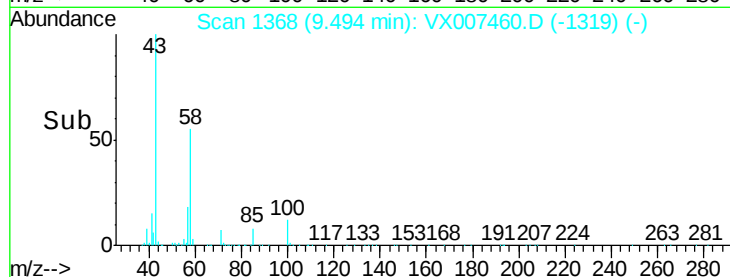
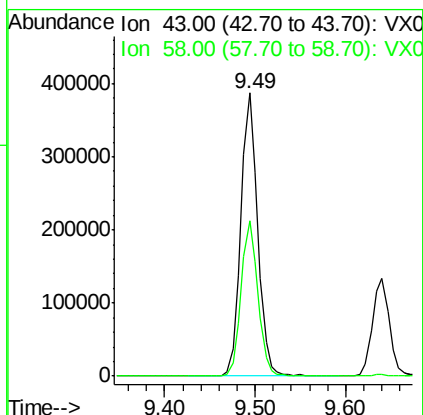
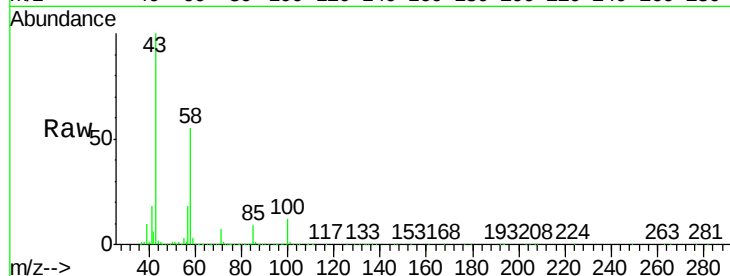




#59
2-Hexanone
Concen: 101.740 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

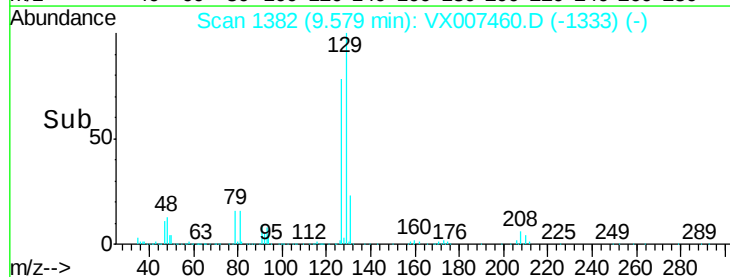
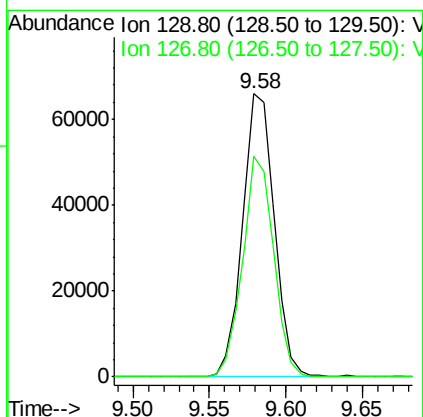
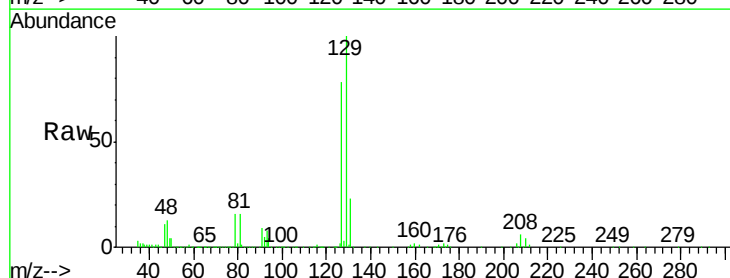
Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

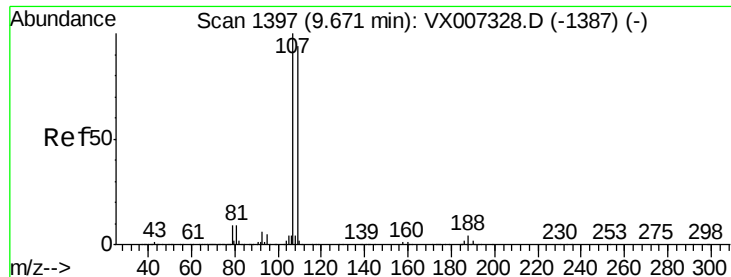
Tot Ion: 43 Resp: 498132
Ion Ratio Lower Upper
43 100
58 54.7 27.1 81.3



#60
Dibromochloromethane
Concen: 20.728 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Tgt Ion: 129 Resp: 95135
Ion Ratio Lower Upper
129 100
127 76.6 37.8 113.4





#61

1,2-Dibromoethane

Concen: 19.760 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

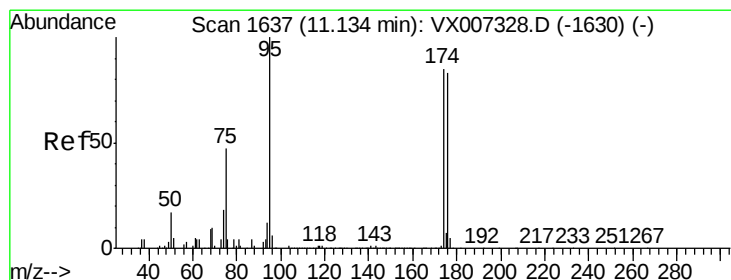
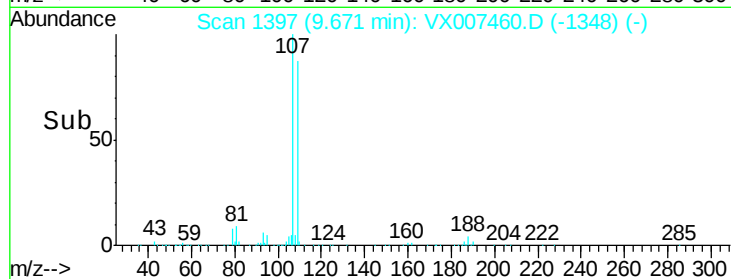
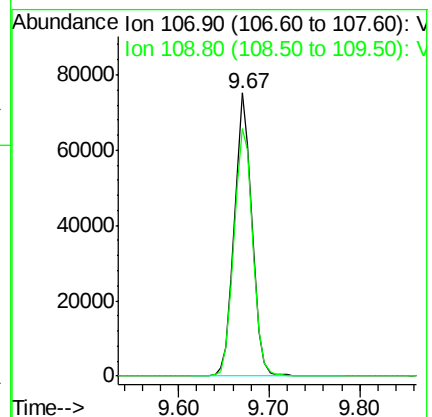
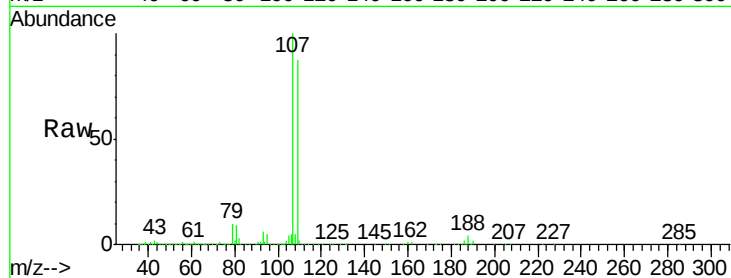
VX0211WBS01

Tot Ion:107 Resp: 101550

Ion Ratio Lower Upper

107 100

109 92.5 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 48.452 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

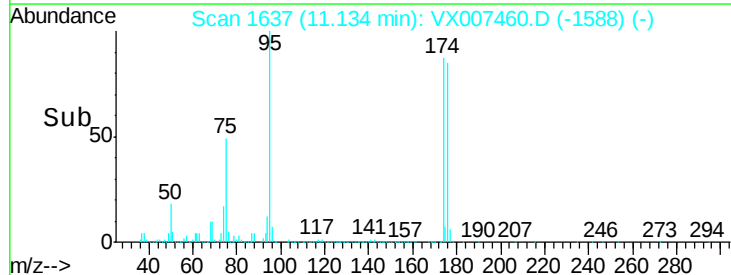
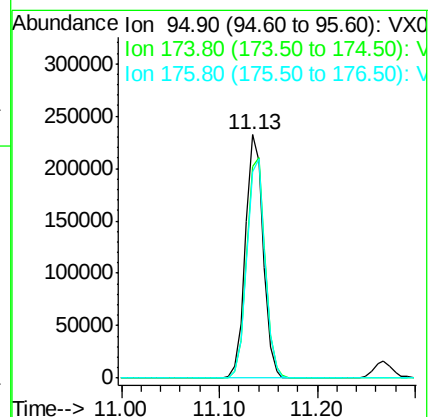
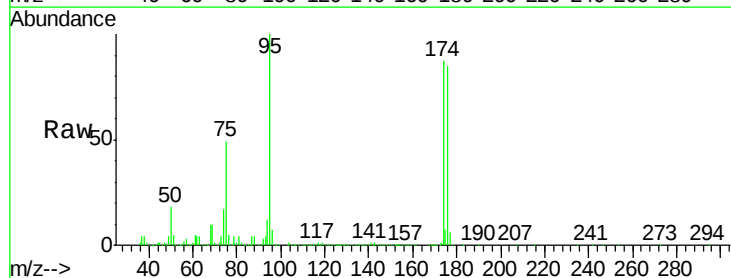
Tgt Ion: 95 Resp: 291548

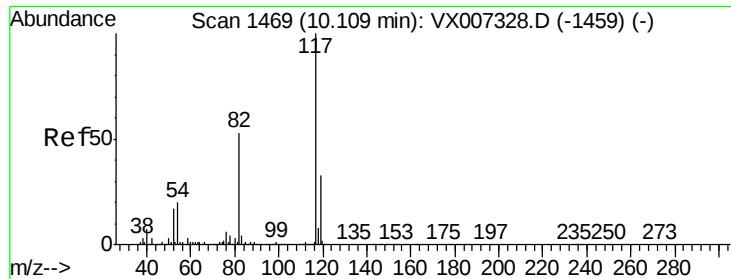
Ion Ratio Lower Upper

95 100

174 93.9 0.0 189.2

176 92.4 0.0 186.2

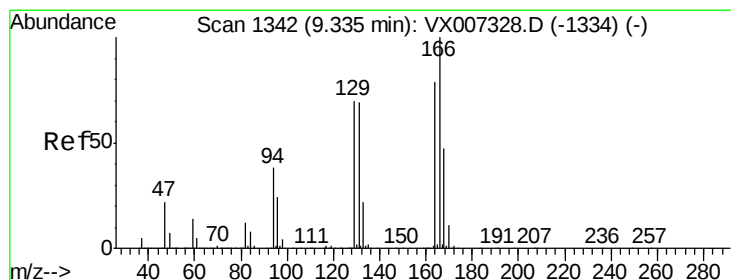
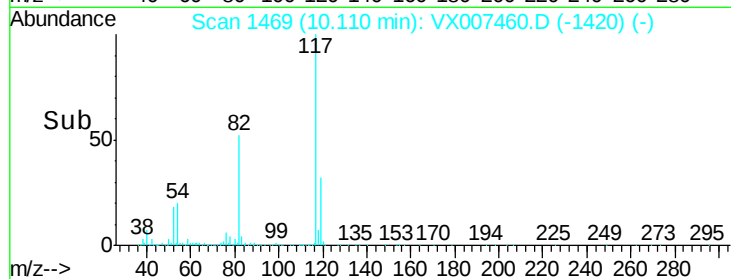
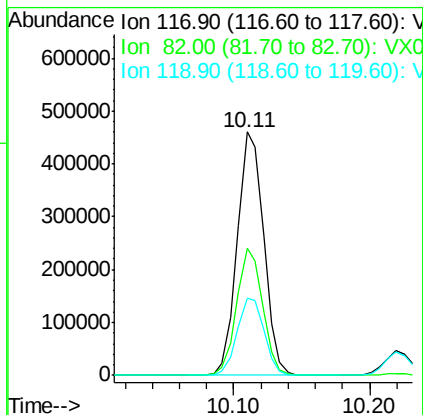
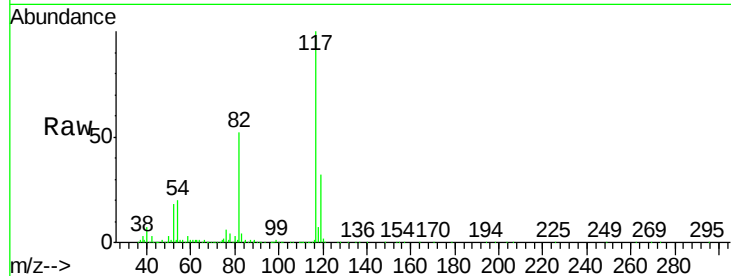




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

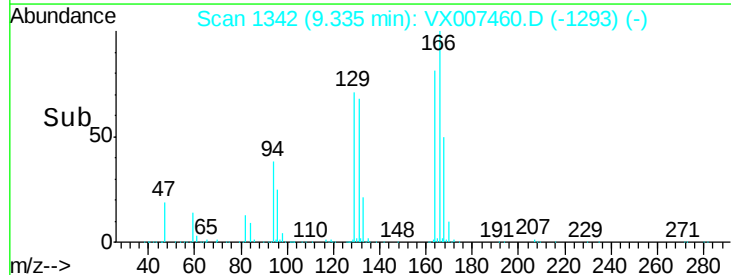
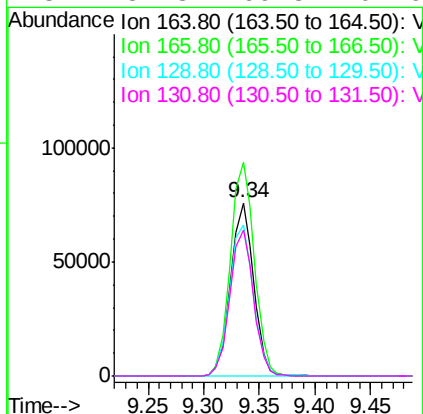
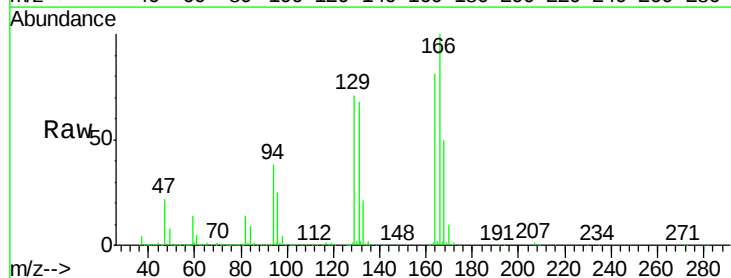
Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Tot Ion:117 Resp: 624604
Ion Ratio Lower Upper
117 100
82 52.3 42.1 63.1
119 31.9 26.5 39.7



#64
Tetrachloroethene
Concen: 18.463 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Tgt Ion:164 Resp: 108691
Ion Ratio Lower Upper
164 100
166 123.3 101.0 151.4
129 87.2 70.5 105.7
131 84.3 69.8 104.6





#65

Chlorobenzene

Concen: 18.582 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

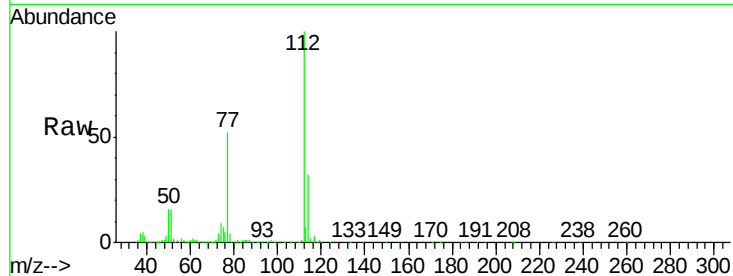
VX0211WBS01

Tot Ion:112 Resp: 253268

Ion Ratio Lower Upper

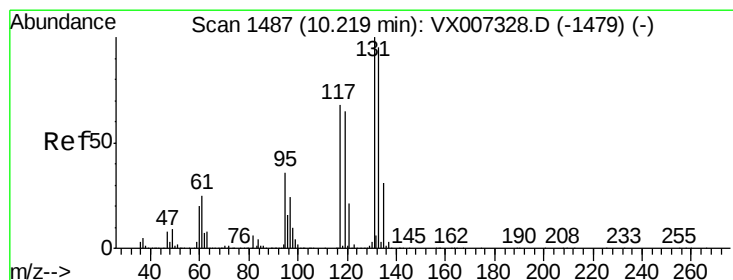
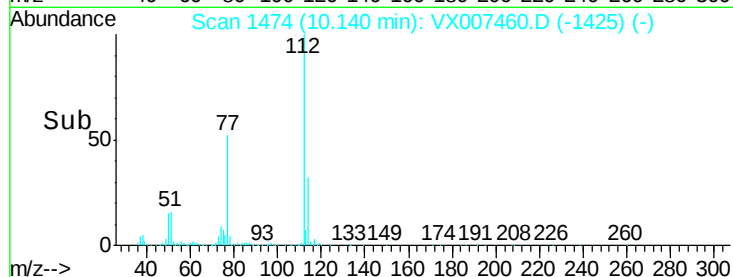
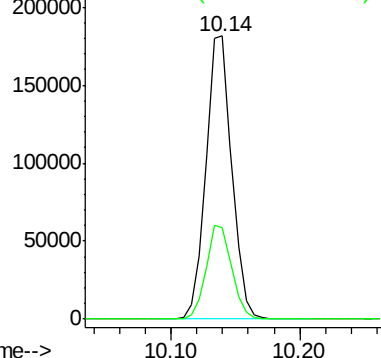
112 100

114 32.1 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.909 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

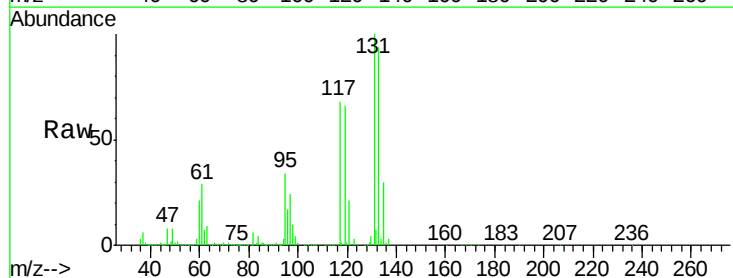
Tgt Ion:131 Resp: 90978

Ion Ratio Lower Upper

131 100

133 95.9 48.0 144.2

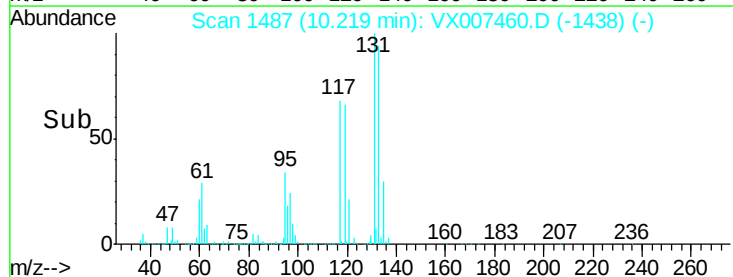
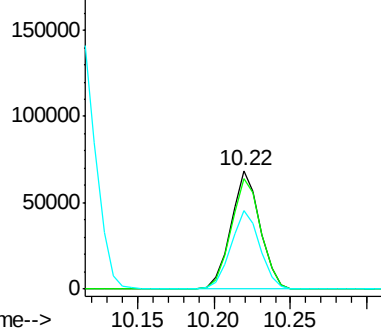
119 66.4 32.0 96.0

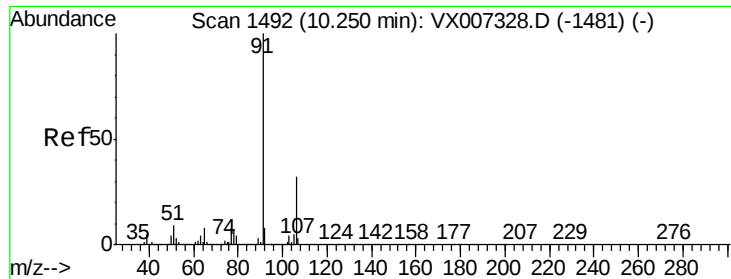


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.993 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampled :

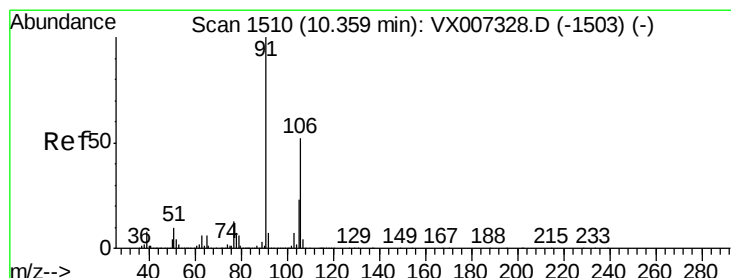
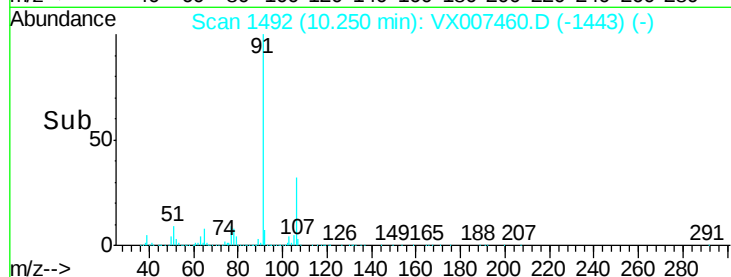
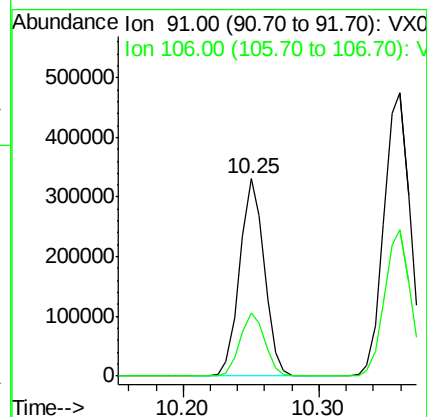
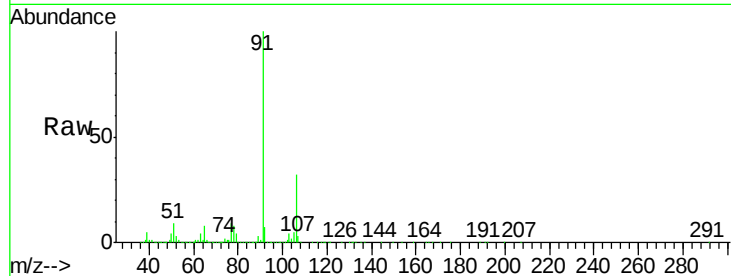
VX0211WBS01

Tot Ion: 91 Resp: 416878

Ion Ratio Lower Upper

91 100

106 31.9 25.4 38.0



#68

m/p-Xylenes

Concen: 37.067 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007460.D

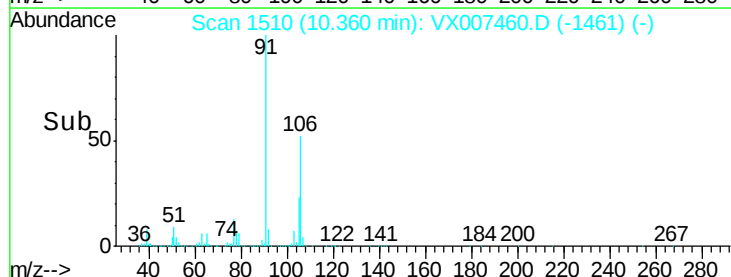
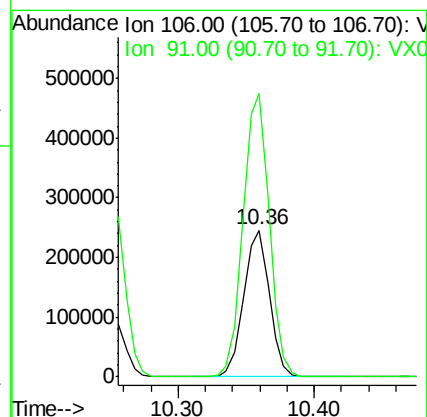
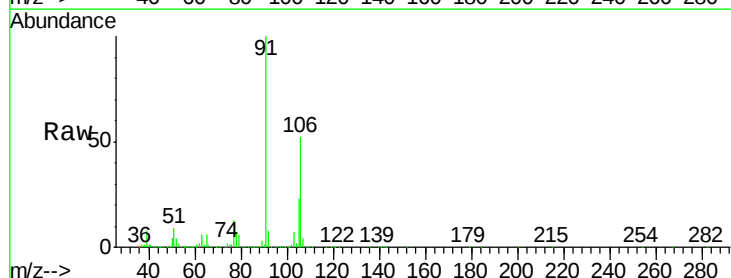
Acq: 11 Feb 2019 11:46

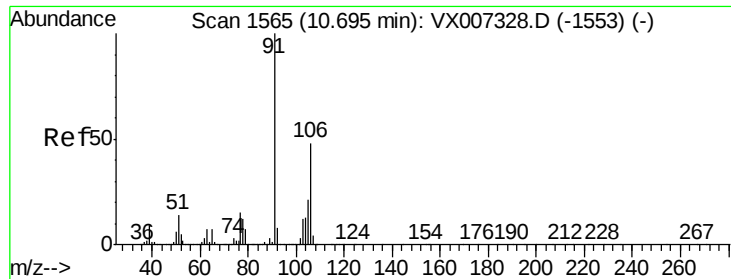
Tgt Ion: 106 Resp: 323421

Ion Ratio Lower Upper

106 100

91 197.0 156.6 234.8

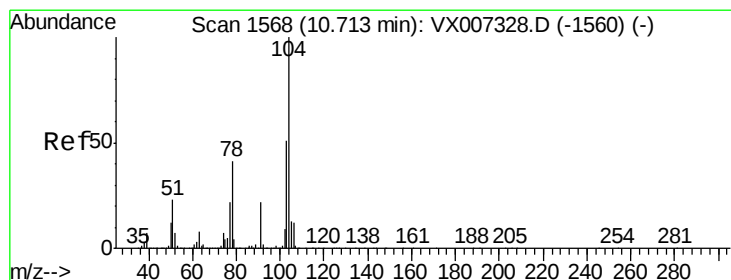
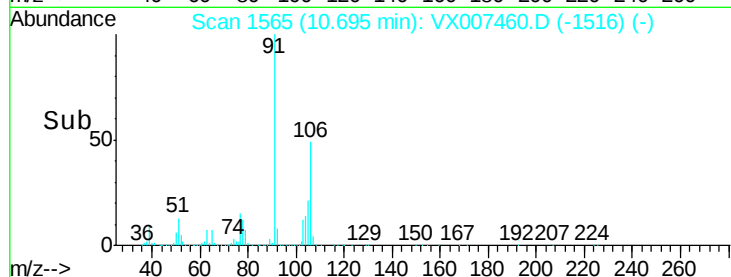
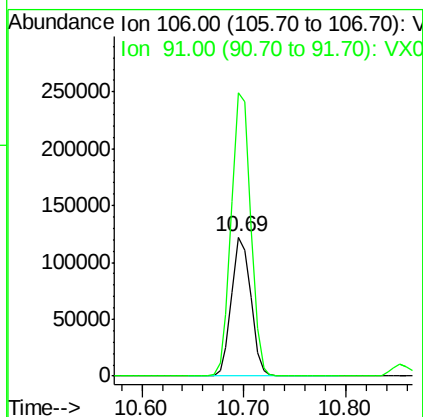
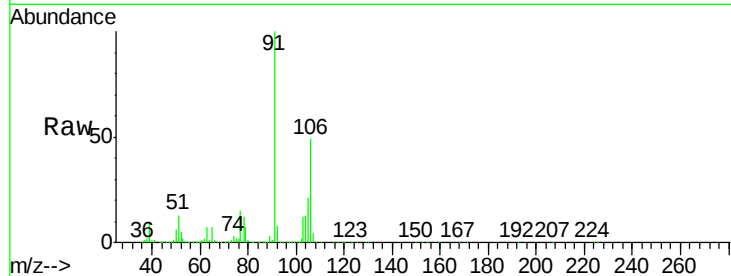




#69
o-Xylene
Concen: 19.072 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

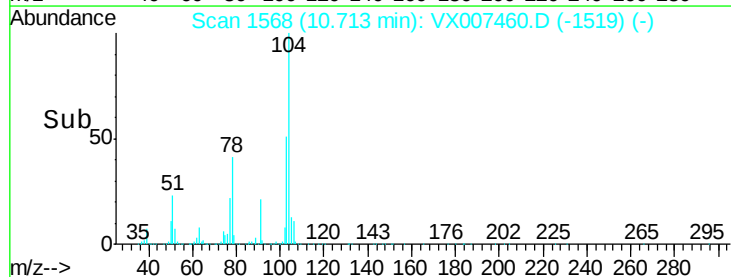
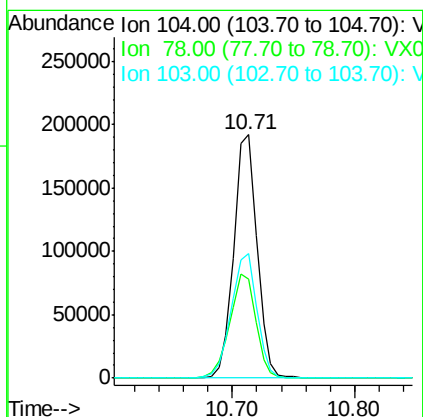
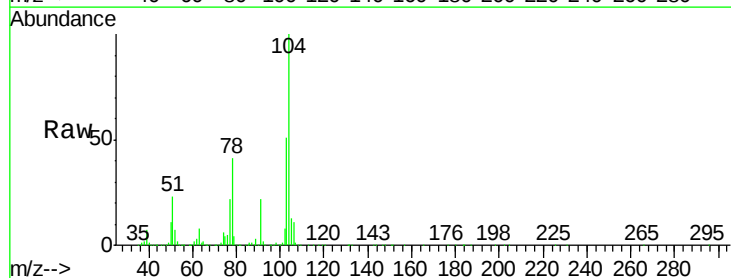
Instrument :
MSVOA_X
ClientSampled :
VX0211WBS01

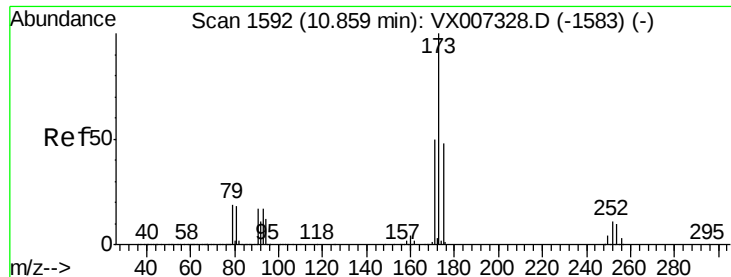
Tot Ion:106 Resp: 160123
Ion Ratio Lower Upper
106 100
91 204.2 102.9 308.7



#70
Styrene
Concen: 18.521 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Tgt Ion:104 Resp: 252189
Ion Ratio Lower Upper
104 100
78 47.9 38.3 57.5
103 56.4 44.6 67.0





#71

Bromoform

Concen: 19.647 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

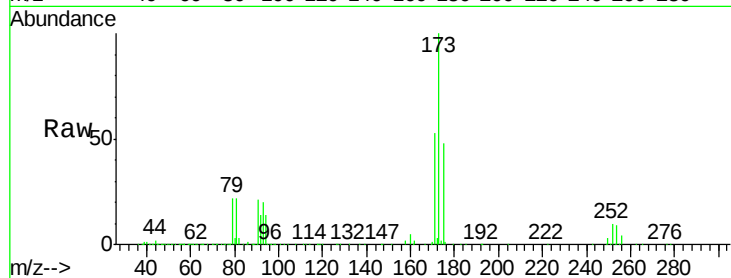
Tot Ion:173 Resp: 68080

Ion Ratio Lower Upper

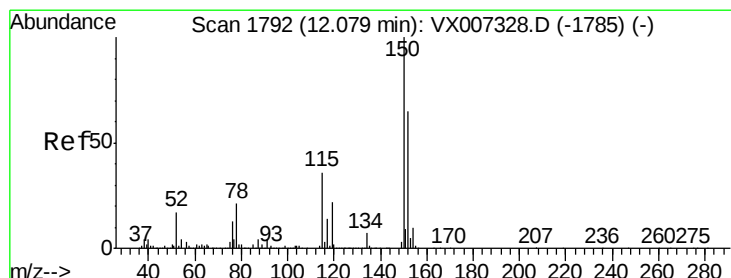
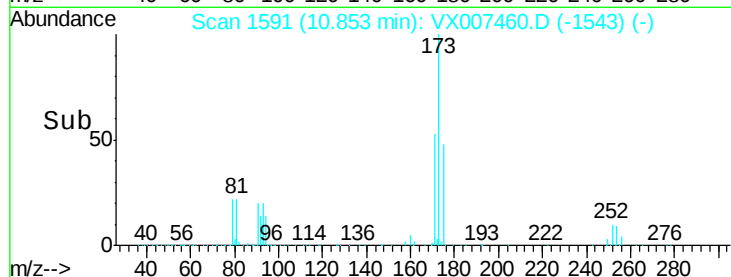
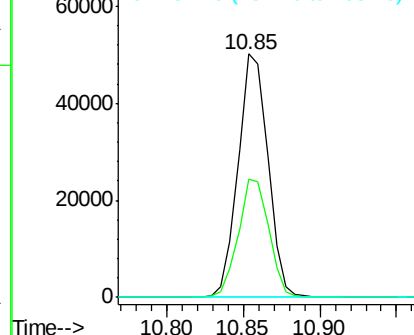
173 100

175 49.8 24.2 72.6

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

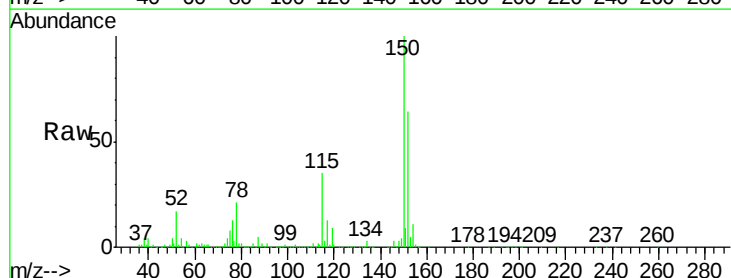
Tgt Ion:152 Resp: 318395

Ion Ratio Lower Upper

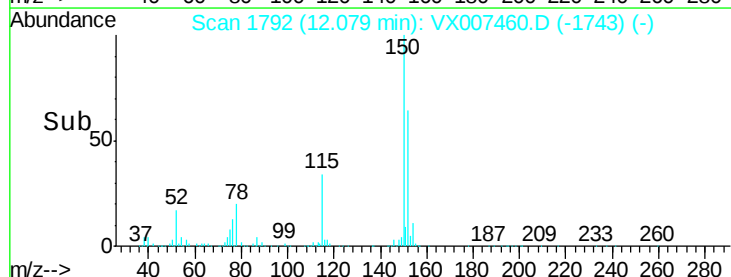
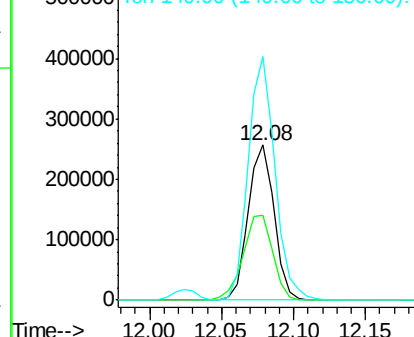
152 100

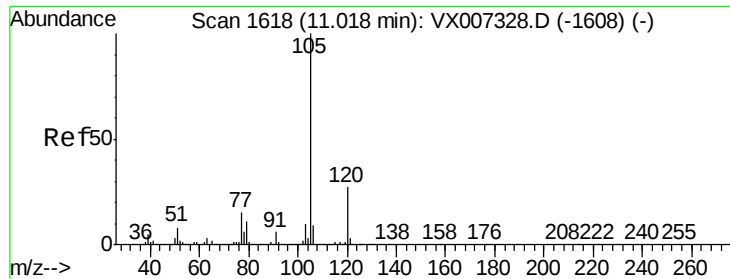
115 62.9 38.0 114.0

150 161.8 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: 19.402 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

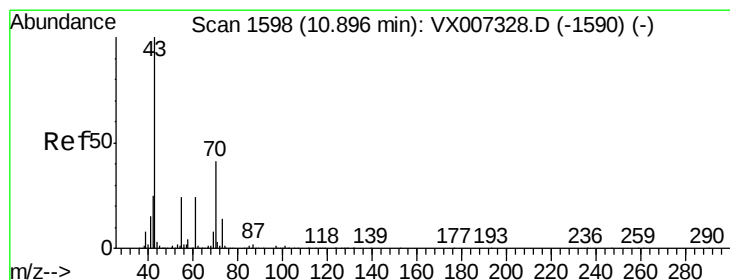
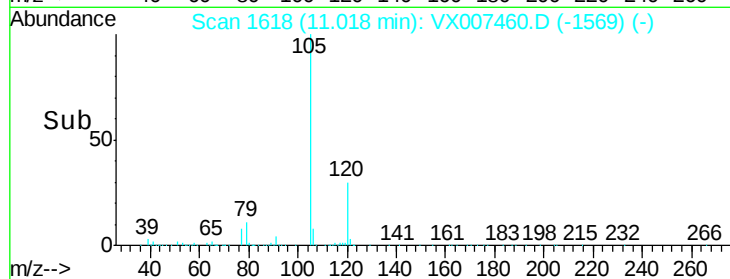
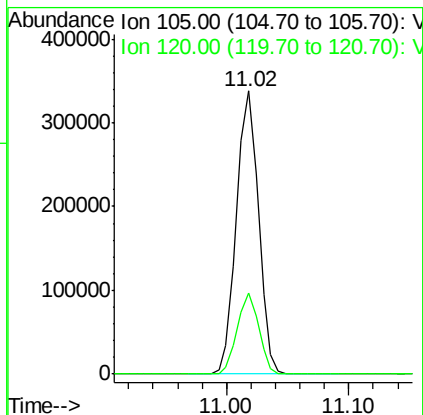
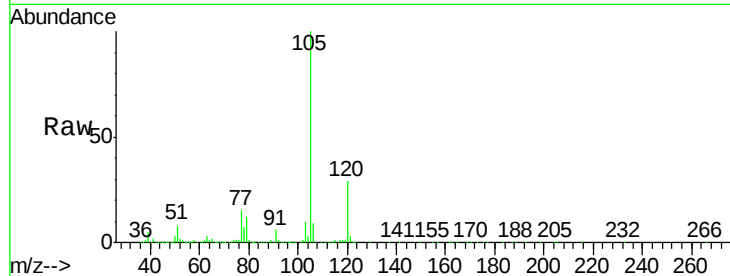
VX0211WBS01

Tot Ion:105 Resp: 419798

Ion Ratio Lower Upper

105 100

120 28.1 13.6 40.7



#74

N-ethyl acetate

Concen: 19.755 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Tgt Ion: 43 Resp: 165327

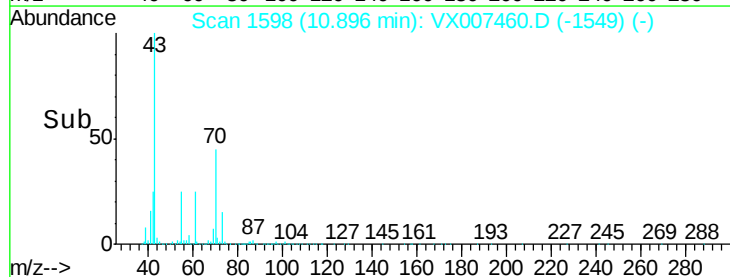
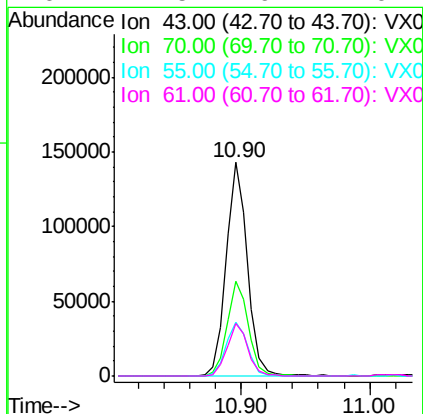
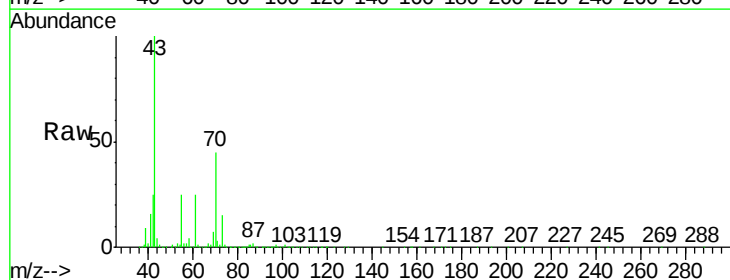
Ion Ratio Lower Upper

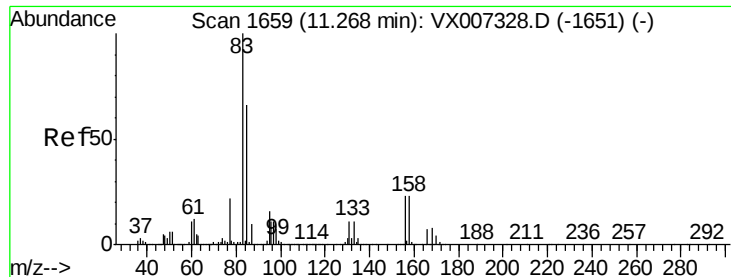
43 100

70 44.3 33.8 50.6

55 25.8 19.5 29.3

61 24.5 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.293 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampled :

VX0211WBS01

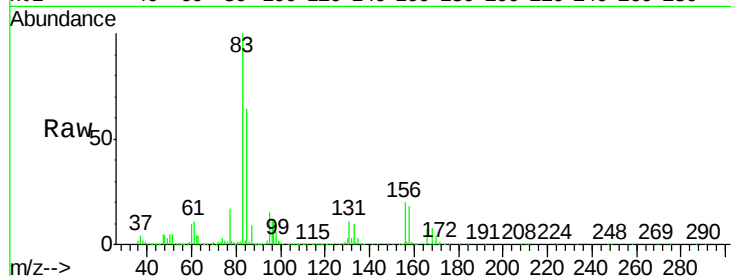
Tot Ion: 83 Resp: 140406

Ion Ratio Lower Upper

83 100

131 10.8 5.7 17.0

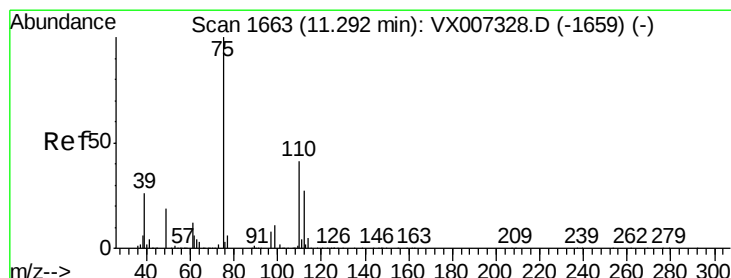
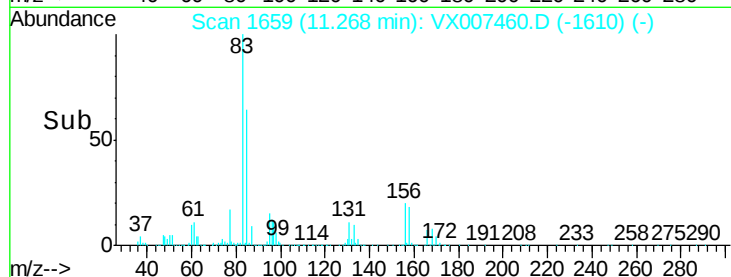
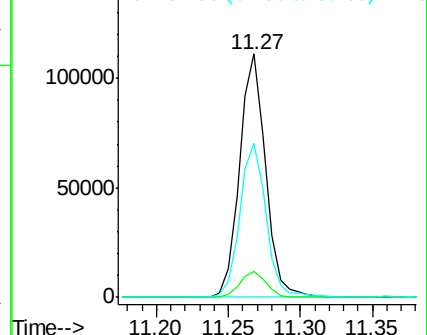
85 64.3 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.819 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX007460.D

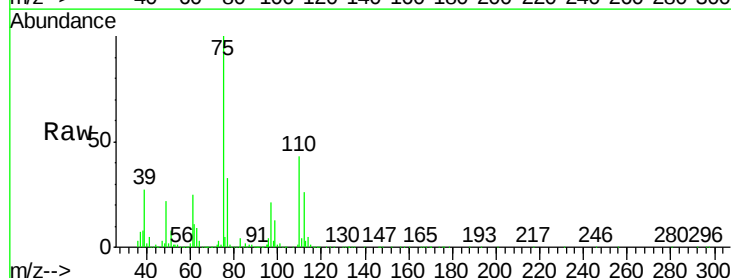
Acq: 11 Feb 2019 11:46

Tgt Ion: 75 Resp: 153707

Ion Ratio Lower Upper

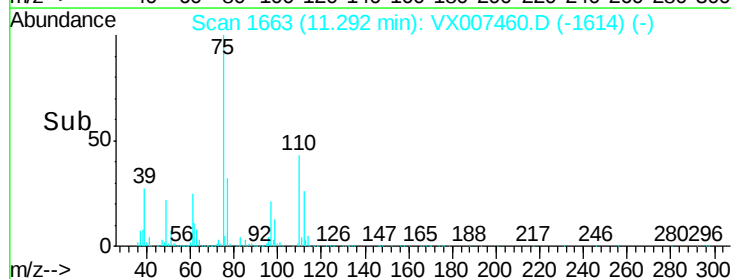
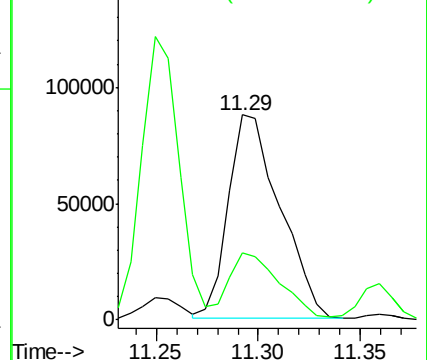
75 100

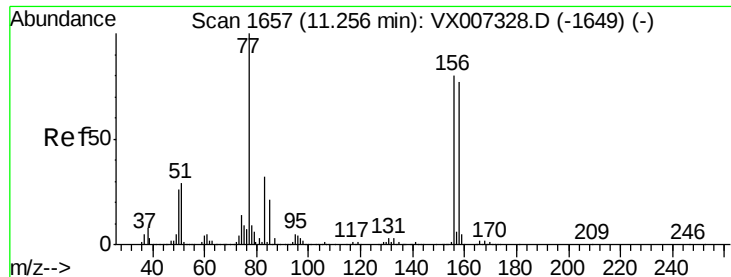
77 32.8 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.404 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

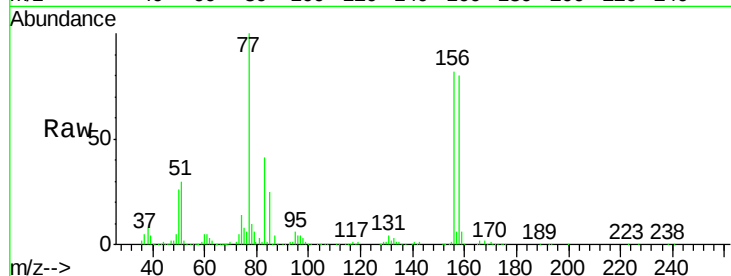
Tot Ion:156 Resp: 118289

Ion Ratio Lower Upper

156 100

77 131.5 66.8 200.6

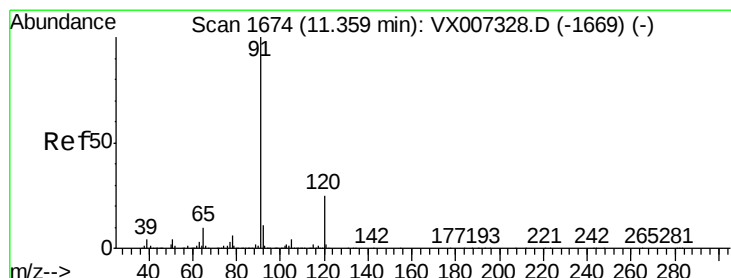
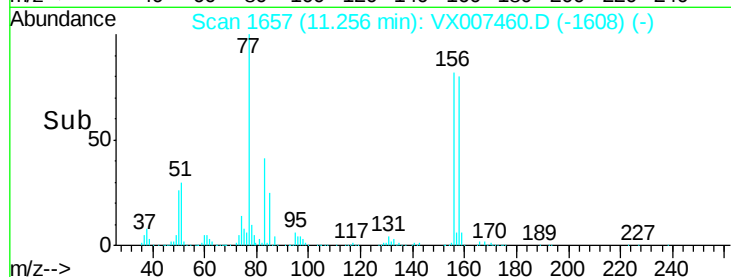
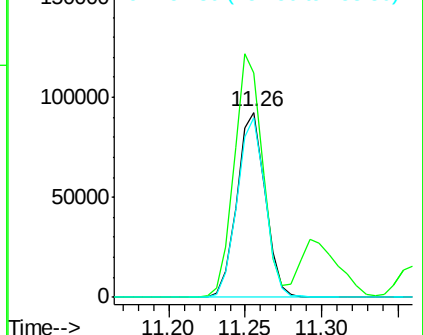
158 97.0 47.9 143.8



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: 19.649 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007460.D

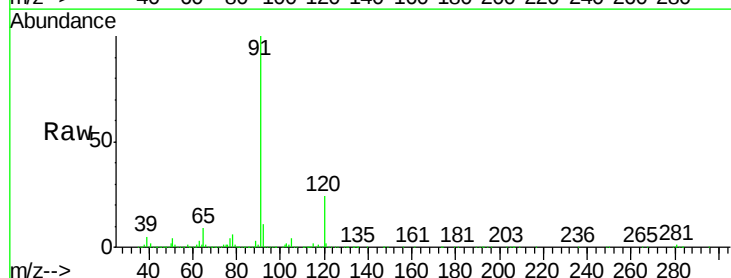
Acq: 11 Feb 2019 11:46

Tgt Ion: 91 Resp: 466197

Ion Ratio Lower Upper

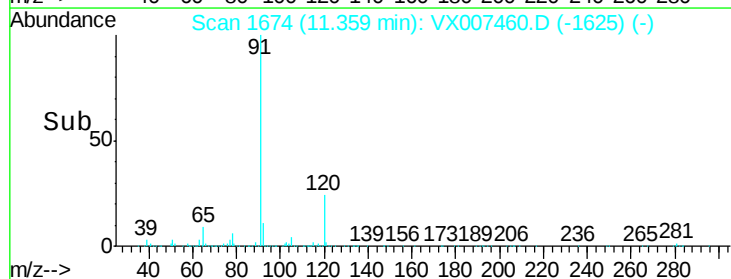
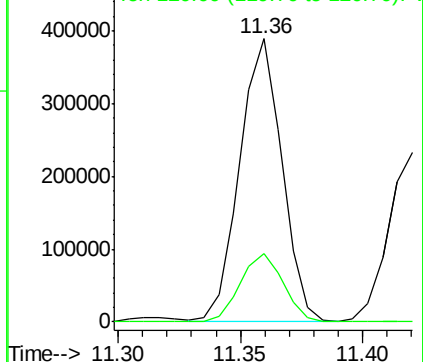
91 100

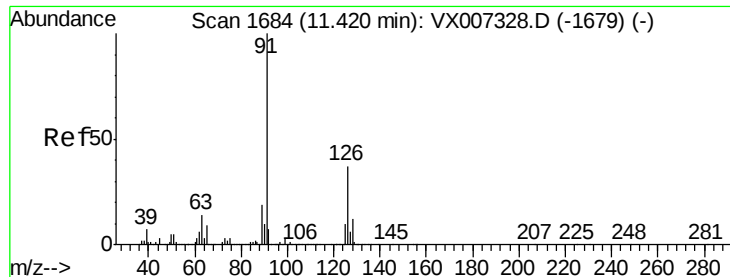
120 24.8 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.660 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

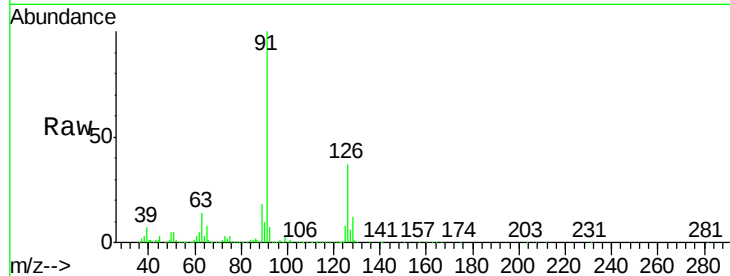
VX0211WBS01

Tot Ion: 91 Resp: 283034

Ion Ratio Lower Upper

91 100

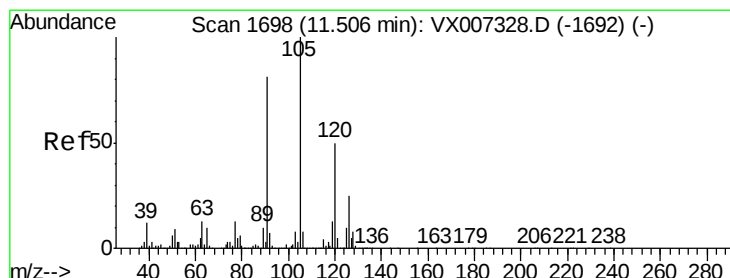
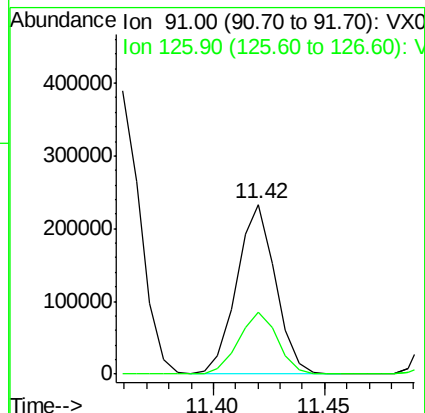
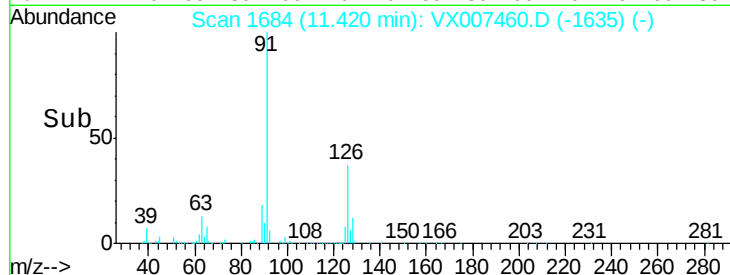
126 37.0 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX007328.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX007328.D (-1679) (-)

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.469 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007460.D

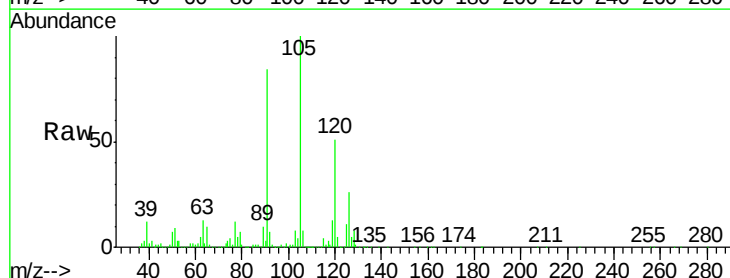
Acq: 11 Feb 2019 11:46

Tgt Ion: 105 Resp: 344637

Ion Ratio Lower Upper

105 100

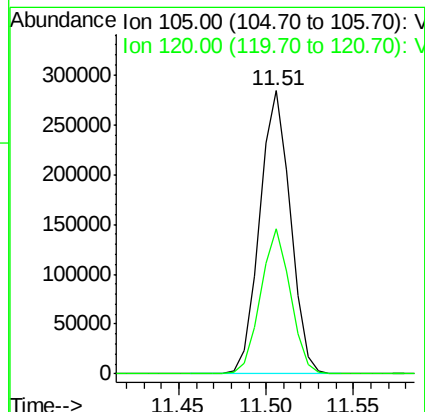
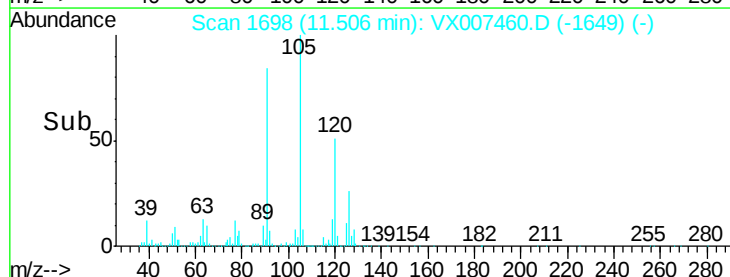
120 50.1 25.3 75.8

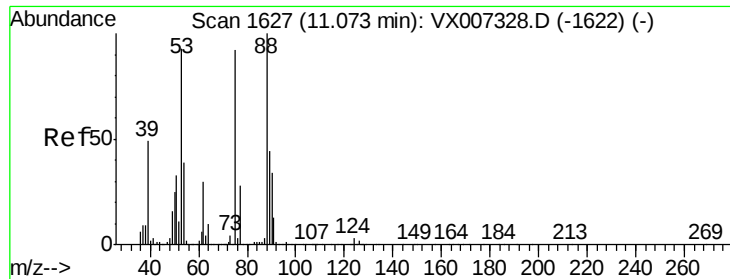


Abundance Ion 105.00 (104.70 to 105.70): VX007328.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX007328.D (-1692) (-)

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 20.774 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

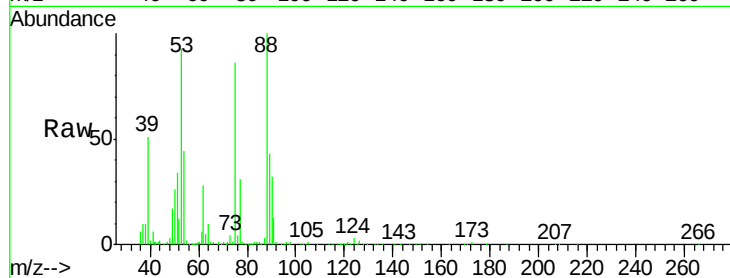
MSVOA_X

ClientSampleId :

VX0211WBS01

Tot Ion: 75 Resp: 36215

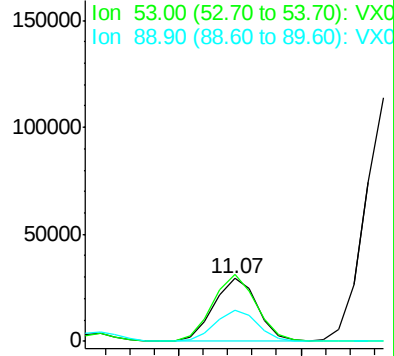
Ion	Ratio	Lower	Upper
75	100		
53	106.5	81.0	121.6
89	48.7	41.4	62.0



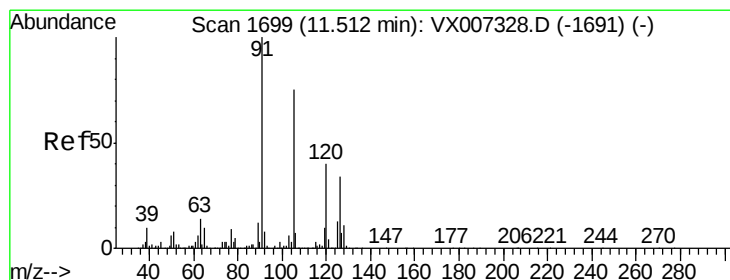
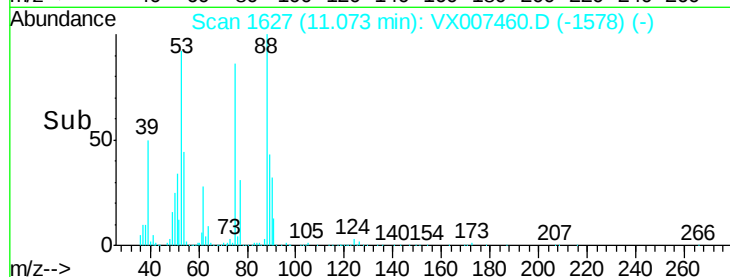
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



Time-->



#82

4-Chlorotoluene

Concen: 19.027 ug/l

RT: 11.51 min Scan# 1699

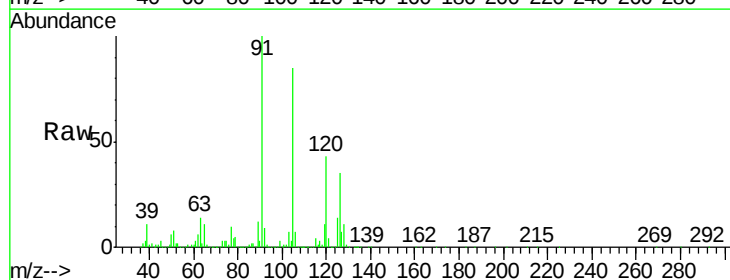
Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

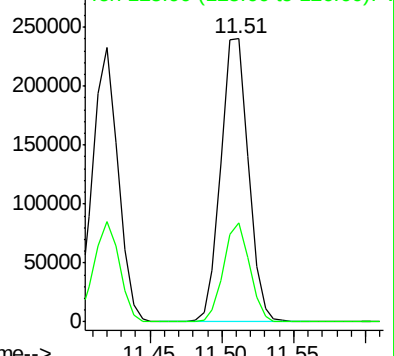
Tgt Ion: 91 Resp: 316958

Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.2	48.5

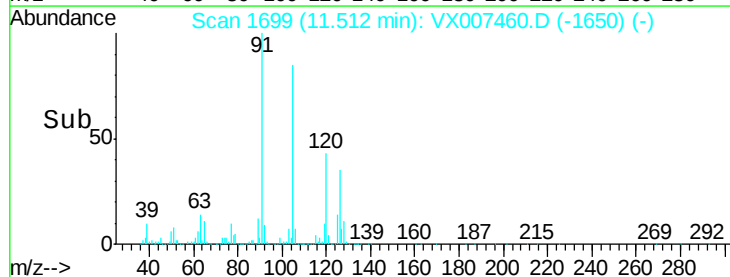


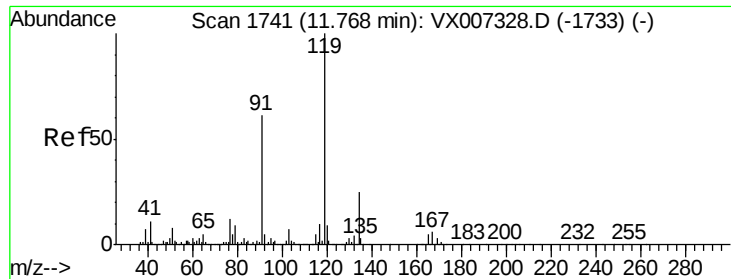
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time-->





#83

tert-Butylbenzene

Concen: 19.462 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampled :

VX0211WBS01

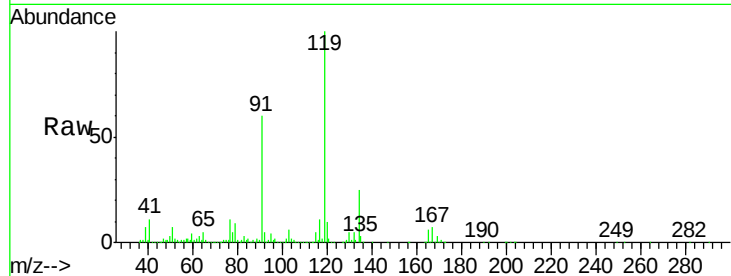
Tot Ion:119 Resp: 341079

Ion Ratio Lower Upper

119 100

91 56.3 28.5 85.6

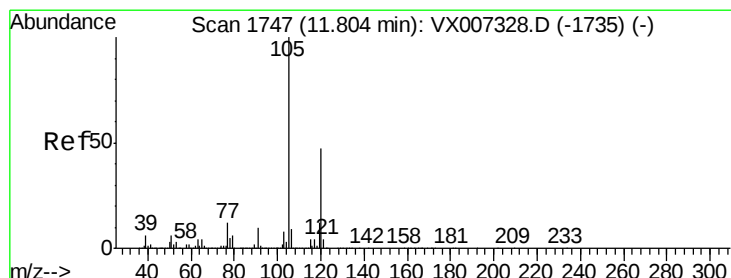
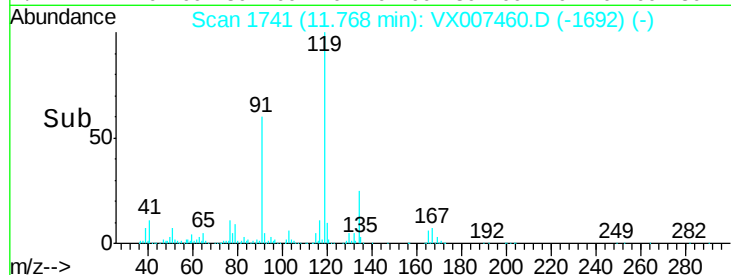
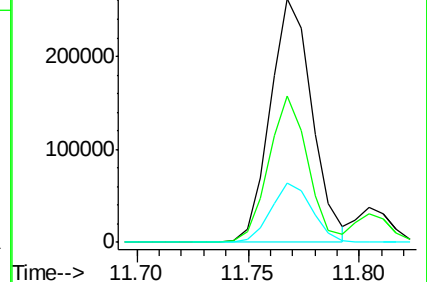
134 24.0 12.0 36.0



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: 19.878 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007460.D

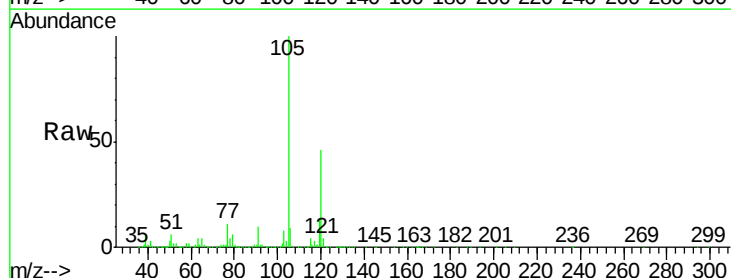
Acq: 11 Feb 2019 11:46

Tgt Ion:105 Resp: 357221

Ion Ratio Lower Upper

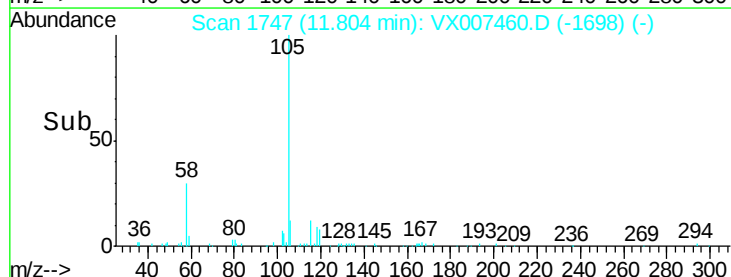
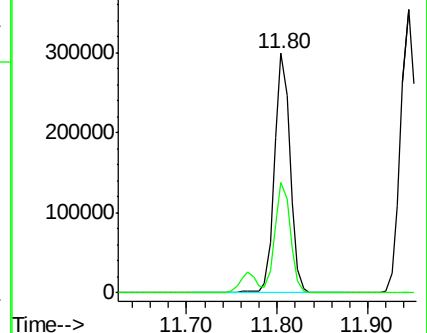
105 100

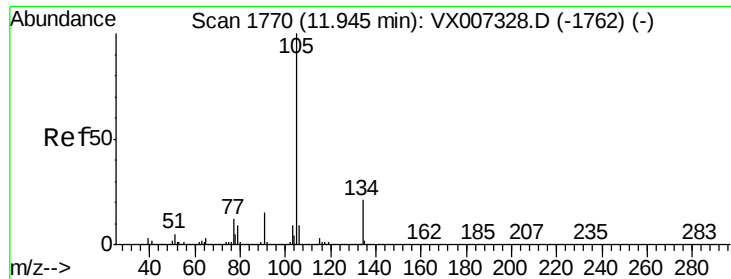
120 45.3 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.004 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

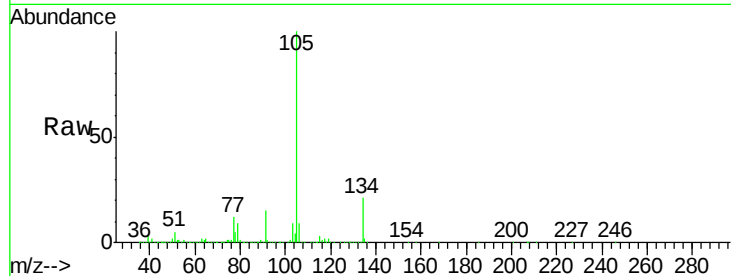
VX0211WBS01

Tot Ion:105 Resp: 424316

Ion Ratio Lower Upper

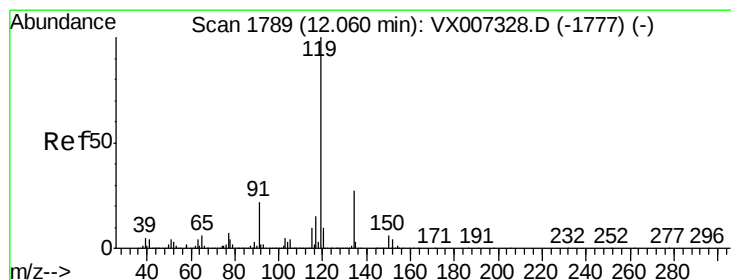
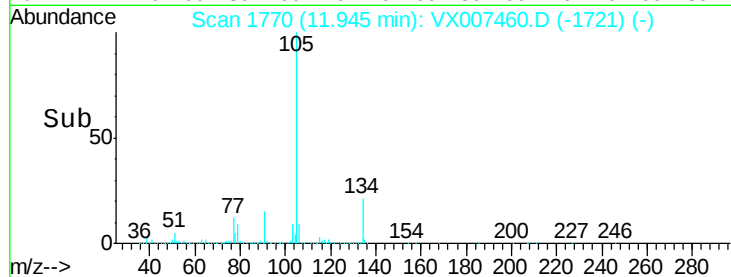
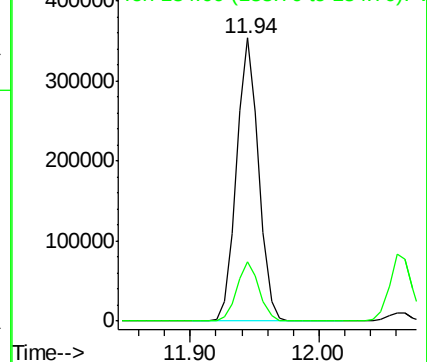
105 100

134 21.1 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.506 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

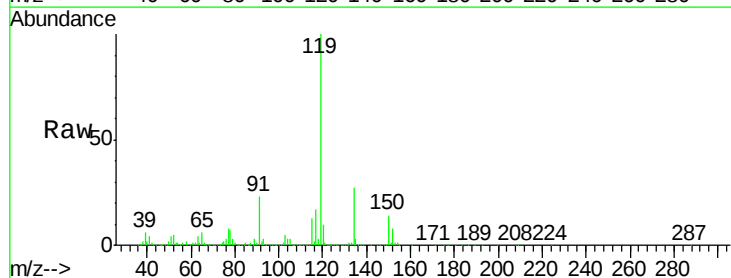
Tgt Ion:119 Resp: 373487

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.1

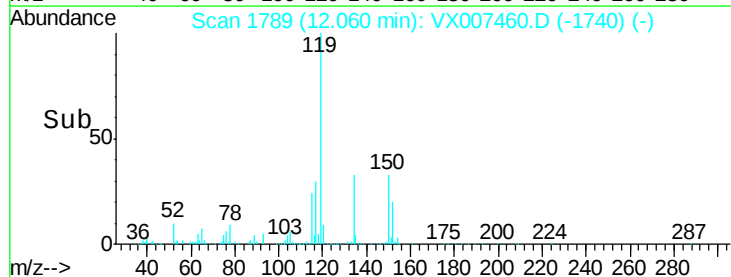
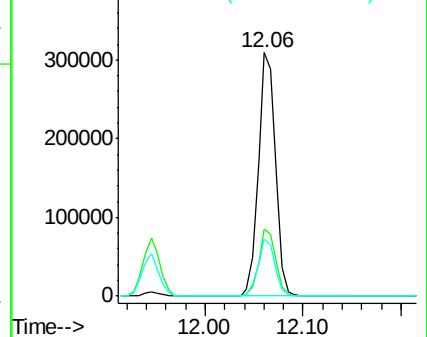
91 22.8 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.565 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

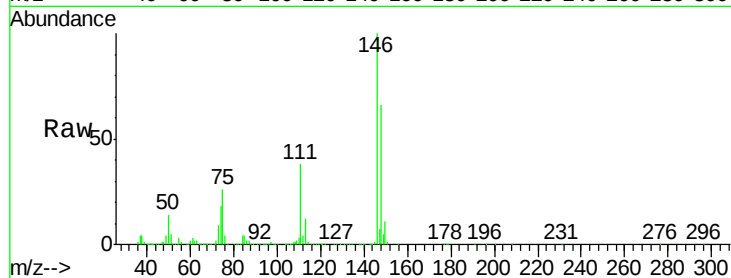
Tot Ion:146 Resp: 203115

Ion Ratio Lower Upper

146 100

111 37.5 18.1 54.1

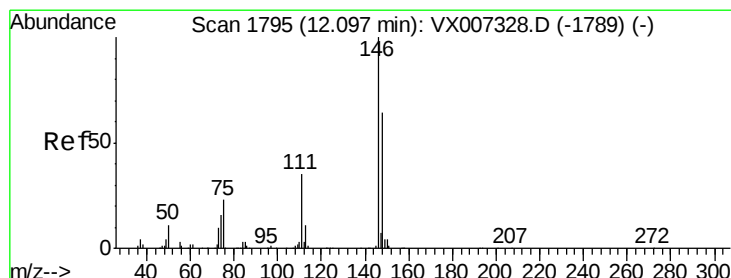
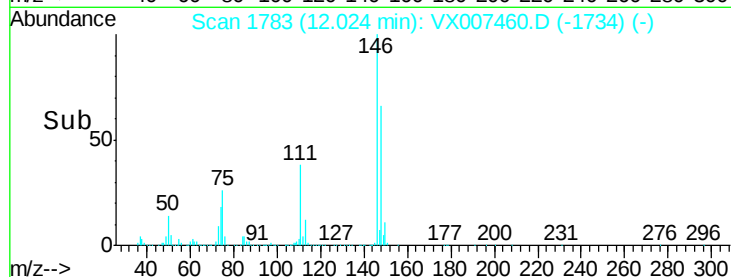
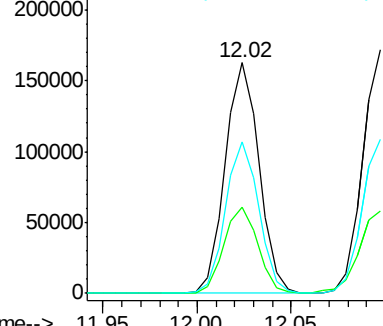
148 64.5 32.0 96.2



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: 18.588 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

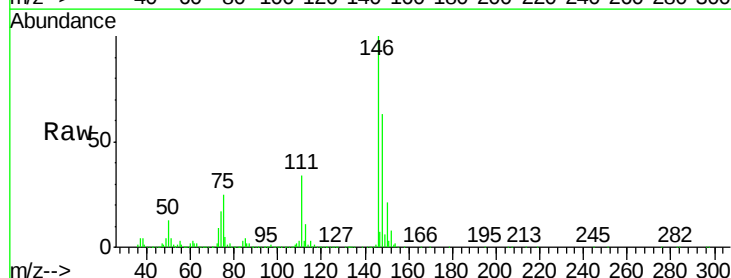
Tgt Ion:146 Resp: 206324

Ion Ratio Lower Upper

146 100

111 36.3 18.1 54.1

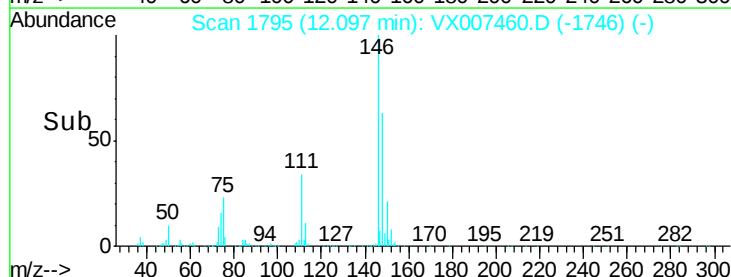
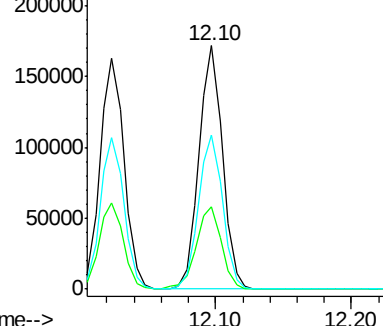
148 64.7 32.3 96.9

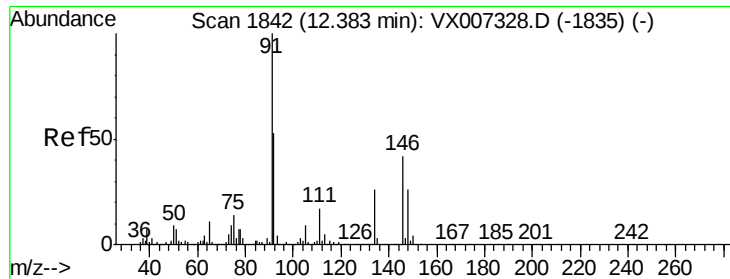


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

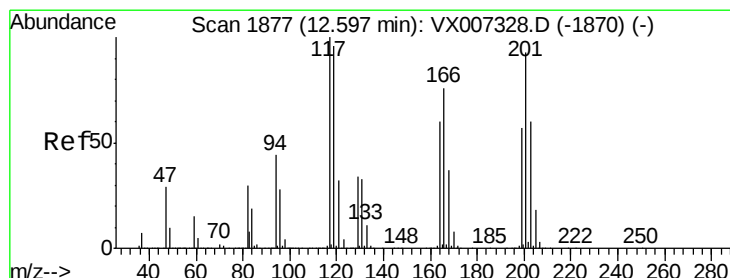
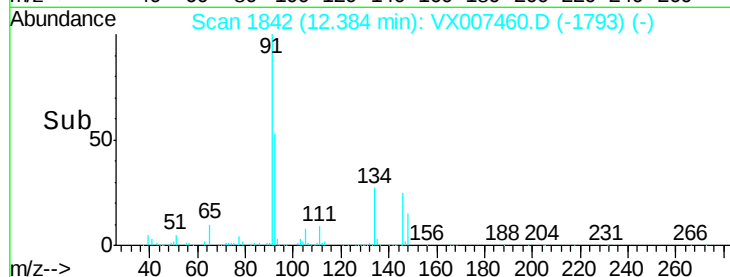
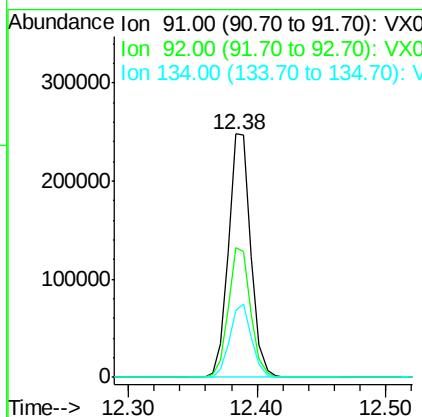
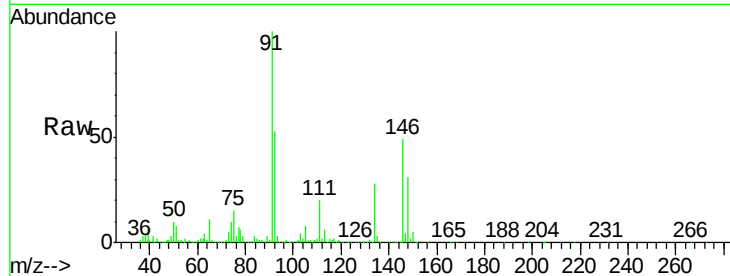




#89
n-Butylbenzene
Concen: 18.353 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

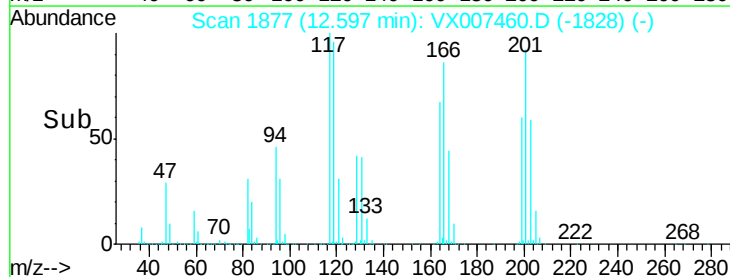
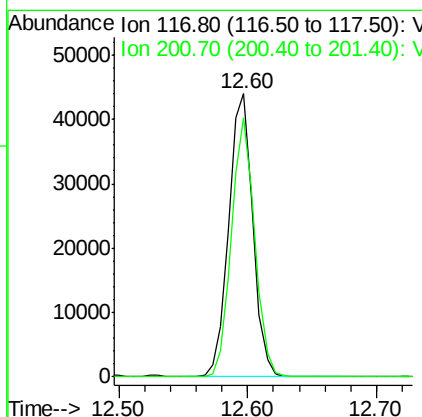
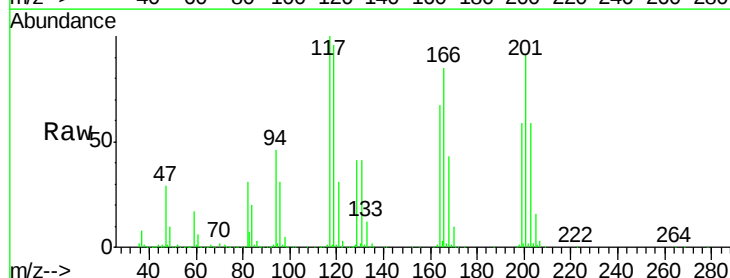
Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

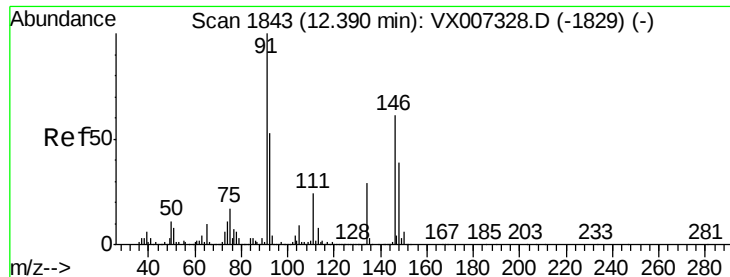
Tot Ion: 91 Resp: 302295
Ion Ratio Lower Upper
91 100
92 53.2 26.3 78.9
134 29.3 13.9 41.6



#90
Hexachloroethane
Concen: 20.208 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007460.D
Acq: 11 Feb 2019 11:46

Tgt Ion: 117 Resp: 57910
Ion Ratio Lower Upper
117 100
201 87.9 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 18.941 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

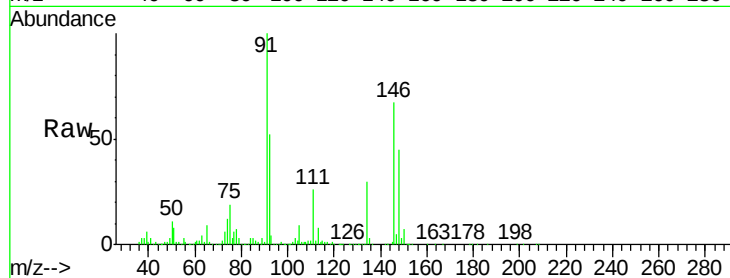
Tot Ion:146 Resp: 206232

Ion Ratio Lower Upper

146 100

111 38.8 19.1 57.3

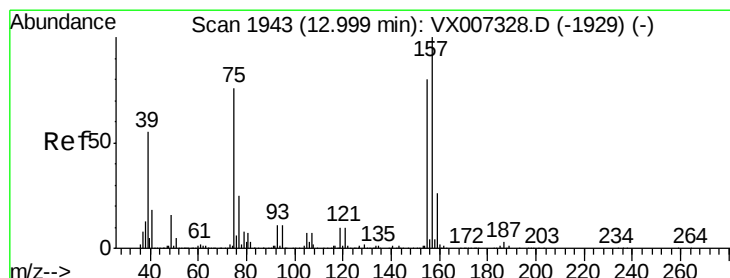
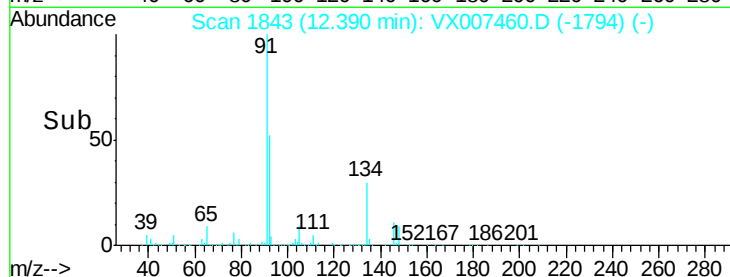
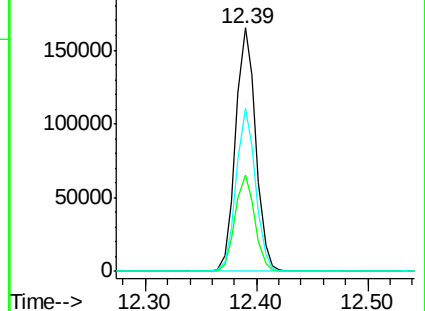
148 64.6 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.378 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

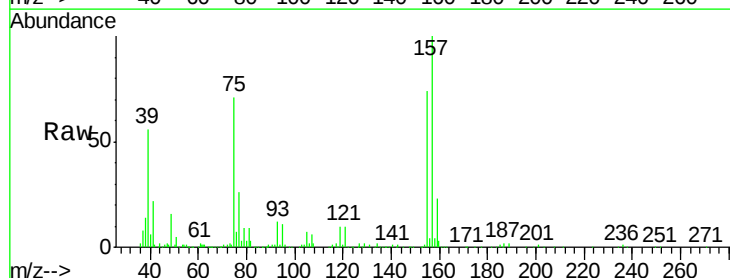
Tgt Ion: 75 Resp: 27940

Ion Ratio Lower Upper

75 100

155 101.0 49.6 149.0

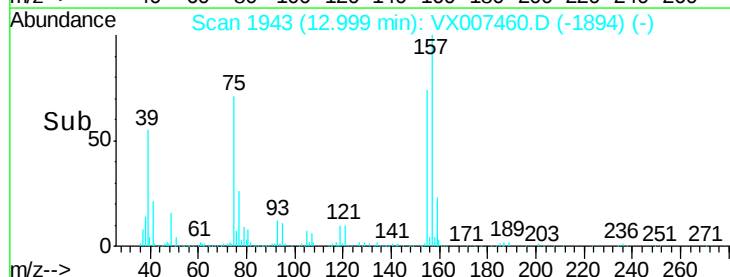
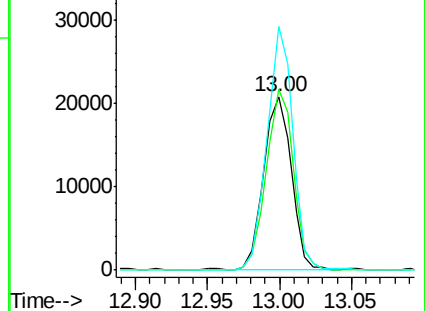
157 129.8 65.1 195.3

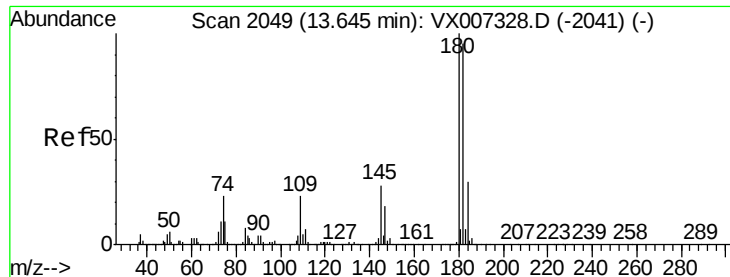


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

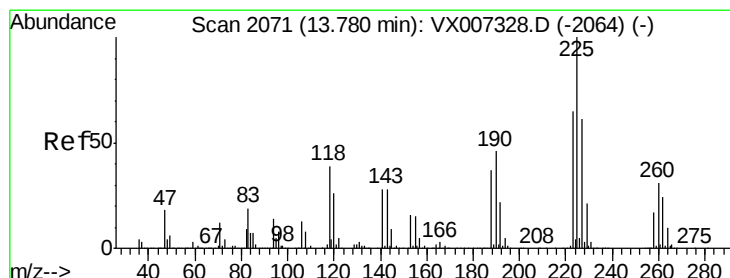
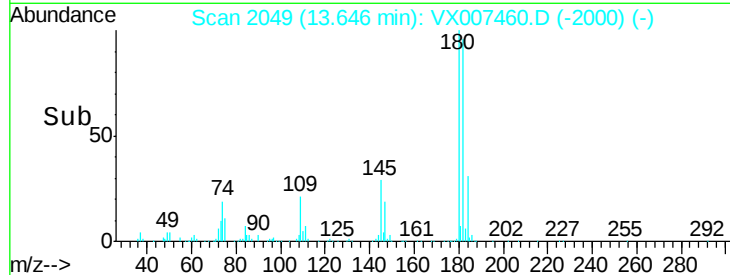
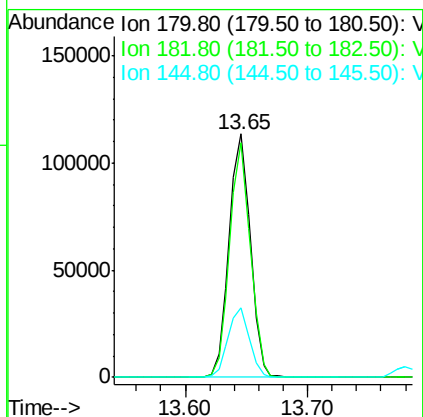
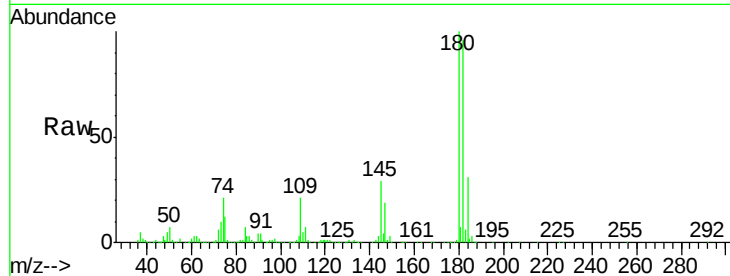




#93
 1,2,4-Trichlorobenzene
 Concen: 18.536 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007460.D
 Acq: 11 Feb 2019 11:46

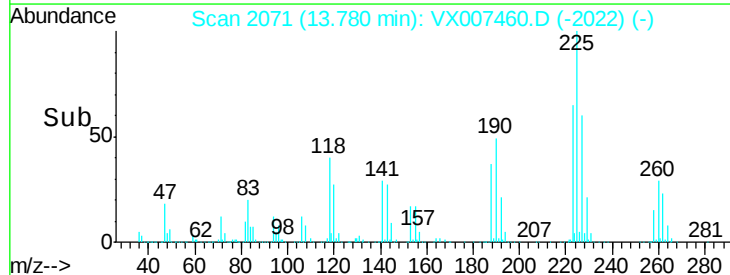
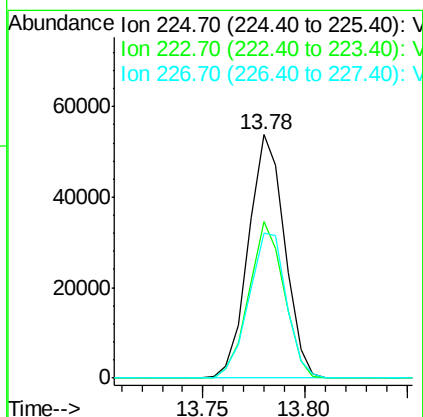
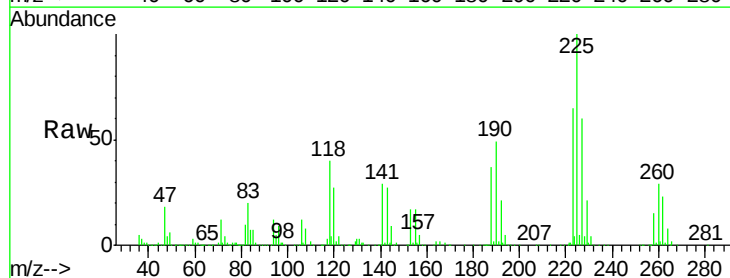
Instrument :
 MSVOA_X
 ClientSampled :
 VX0211WBS01

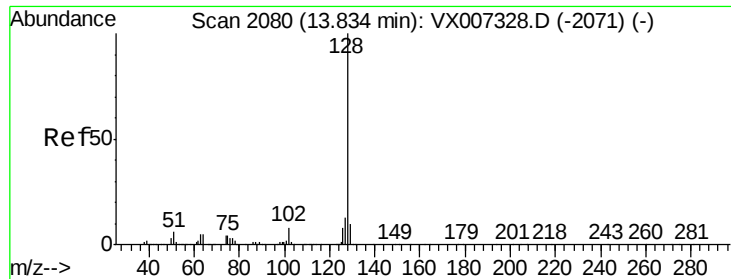
Tot Ion:180 Resp: 136104
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.8 143.3
 145 28.7 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 18.625 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007460.D
 Acq: 11 Feb 2019 11:46

Tgt Ion:225 Resp: 66407
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.6 94.8
 227 62.2 32.1 96.3





#95

Naphthalene

Concen: 19.329 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBS01

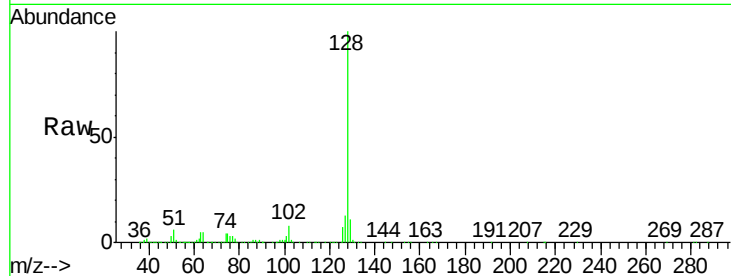
Tot Ion:128 Resp: 415055

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

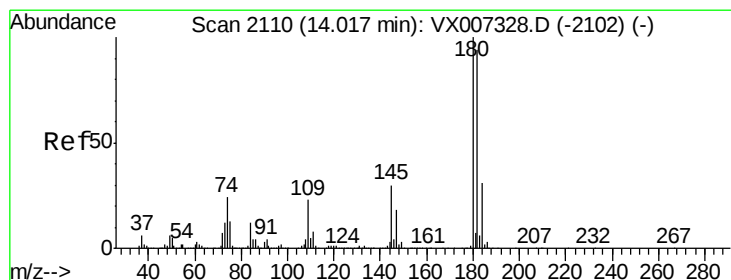
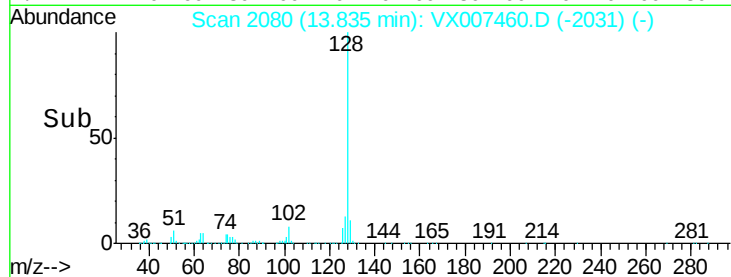
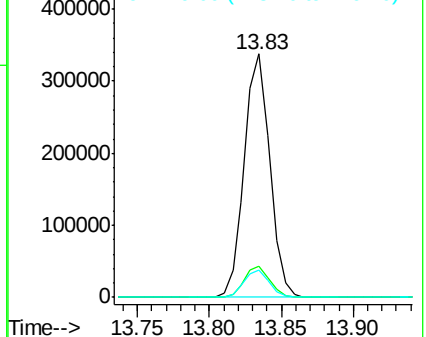
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.642 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007460.D

Acq: 11 Feb 2019 11:46

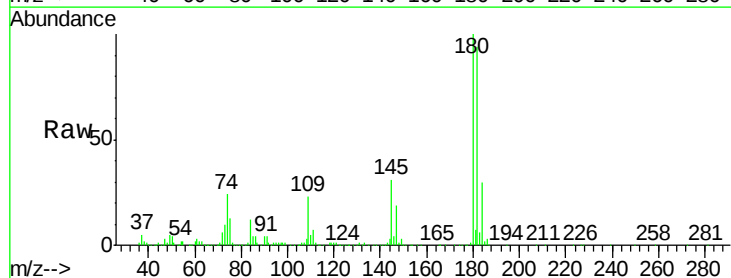
Tgt Ion:180 Resp: 137789

Ion Ratio Lower Upper

180 100

182 95.8 47.5 142.6

145 31.5 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

