

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021319\
 Data File : VX007508.D
 Acq On : 13 Feb 2019 03:02
 Operator : JC/SP
 Sample : VX0213WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0213WBS01

Quant Time: Feb 13 08:01:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X021319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 13 07:51:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	76538	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	393287	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	349349	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	148172	29.93	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.77%
60) 4-Bromofluorobenzene	11.13	95	161883	30.19	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.63%
63) Toluene-d8	8.71	98	470934	29.83	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.43%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	71641	18.484	ug/l 99
3) Chloromethane	1.33	50	86436	20.292	ug/l 97
4) Vinyl Chloride	1.41	62	92391	19.283	ug/l 99
5) Bromomethane	1.64	94	72134	16.859	ug/l 95
6) Chloroethane	1.73	64	60761	18.656	ug/l 93
7) Trichlorofluoromethane	1.93	101	137273	18.277	ug/l 98
8) Diethyl Ether	2.19	74	59438	19.811	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	74376	17.552	ug/l 98
10) 1,1-Dichloroethene	2.38	96	79328	18.866	ug/l 98
11) Methyl Iodide	2.51	142	103986	17.207	ug/l 95
12) Methyl Acetate	2.78	43	109524	18.887	ug/l 100
13) Acrolein	2.30	56	84865	83.897	ug/l 99
14) Acrylonitrile	3.15	53	264582	99.025	ug/l 98
15) Acetone	2.45	58	69845	96.322	ug/l 92
16) Carbon Disulfide	2.57	76	207394	18.599	ug/l 99
17) Allyl chloride	2.73	41	139250	19.329	ug/l 100
18) Methylene Chloride	2.86	84	94841	20.057	ug/l 94
19) trans-1,2-Dichloroethene	3.17	96	83020	18.460	ug/l 97
20) Diisopropyl ether	3.87	45	275497	20.235	ug/l 97
21) 1,1-Dichloroethane	3.70	63	151692	19.873	ug/l 98
22) cis-1,2-Dichloroethene	4.60	96	99053	19.791	ug/l 98
23) tert-Butyl Alcohol	3.07	59	110028	97.975	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	292414	20.039	ug/l 97
25) Chloroform	5.21	83	159226	19.751	ug/l 95
26) Cyclohexane	5.58	56	117381	18.339	ug/l # 98
29) 1,1-Dichloropropene	5.80	75	104777	19.099	ug/l 99
30) 2-Butanone	4.70	43	338742	104.340	ug/l 98
31) 2,2-Dichloropropane	4.58	77	76260	17.110	ug/l 97
32) 1,1,1-Trichloroethane	5.50	97	128344	19.573	ug/l 99
33) Carbon Tetrachloride	5.78	117	109438	18.880	ug/l 92
34) Benzene	6.15	78	353513	20.441	ug/l 98
35) Methacrylonitrile	5.06	41	70302	20.827	ug/l 95
36) 1,2-Dichloroethane	6.20	62	123285	20.947	ug/l 99
37) Trichloroethene	7.21	130	98087	19.727	ug/l 94
38) Methylcyclohexane	7.46	83	118120	18.600	ug/l 99
39) 1,2-Dichloropropane	7.51	63	88881	20.662	ug/l 98
40) Dibromomethane	7.66	93	64590	20.790	ug/l 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021319\
 Data File : VX007508.D
 Acq On : 13 Feb 2019 03:02
 Operator : JC/SP
 Sample : VX0213WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0213WBS01

Quant Time: Feb 13 08:01:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X021319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 13 07:51:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.90	83	110505	20.043	ug/l	99
42) Vinyl Acetate	3.82	43	1193017	104.985	ug/l	100
43) Ethyl Acetate	4.85	43	127938	20.578	ug/l #	81
44) Isopropyl Acetate	6.46	43	196990	20.521	ug/l	99
45) 1,4-Dioxane	7.75	88	45266	399.565	ug/l	97
46) Methyl methacrylate	7.77	41	102006	20.985	ug/l	99
47) n-amyl Acetate	10.90	43	173143	20.464	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	109401	19.221	ug/l	95
49) cis-1,3-Dichloropropene	8.44	75	122804	19.376	ug/l	95
50) 1,1,2-Trichloroethane	9.21	97	96923	21.396	ug/l	94
51) Ethyl methacrylate	9.18	69	136031	20.713	ug/l	99
52) 1,3-Dichloropropane	9.37	76	154365	21.126	ug/l	98
53) Dibromochloromethane	9.59	129	94836	20.128	ug/l	99
54) 1,2-Dibromoethane	9.67	107	103560	20.878	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	329052	98.552	ug/l	99
56) Bromoform	10.86	173	68739	19.342	ug/l	98
58) 4-Methyl-2-Pentanone	8.65	43	672630	107.042	ug/l	100
59) 2-Hexanone	9.49	43	512639	107.406	ug/l	99
61) Tetrachloroethene	9.34	164	97647	19.690	ug/l	97
62) Toluene	8.79	91	381976	20.076	ug/l	99
64) Chlorobenzene	10.14	112	252040	20.385	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	89216	19.921	ug/l	98
66) Ethyl Benzene	10.25	91	392180	19.425	ug/l	100
67) m/p-Xylenes	10.36	106	308731	38.986	ug/l	99
68) o-Xylene	10.69	106	152405	19.733	ug/l	99
69) Styrene	10.71	104	247793	19.881	ug/l	100
70) Isopropylbenzene	11.02	105	395445	19.407	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	143238	21.266	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	157190	25.524	ug/l	90
73) Bromobenzene	11.26	156	113231	20.354	ug/l	99
74) n-propylbenzene	11.36	91	431731	19.083	ug/l	99
75) 2-Chlorotoluene	11.42	91	265207	19.605	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	324459	19.507	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	32927	18.522	ug/l	98
78) 4-Chlorotoluene	11.51	91	298599	19.338	ug/l	99
79) tert-butylbenzene	12.06	119	335212	18.980	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	332113	19.670	ug/l	100
81) sec-Butylbenzene	11.94	105	382992	19.282	ug/l	100
82) p-Isopropyltoluene	12.06	119	335212	18.980	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	193530	19.789	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	192877	19.764	ug/l	98
85) n-Butylbenzene	12.39	91	270277	18.441	ug/l	99
86) Hexachloroethane	12.60	117	54116	18.455	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	200858	20.463	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	28974	20.613	ug/l	97
89) 1,2,4-Trichlorobenzene	13.65	180	128342	19.908	ug/l	100
90) Hexachlorobutadiene	13.78	225	55736	18.504	ug/l	99
91) Naphthalene	13.83	128	422626	20.555	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	131781	20.108	ug/l	98

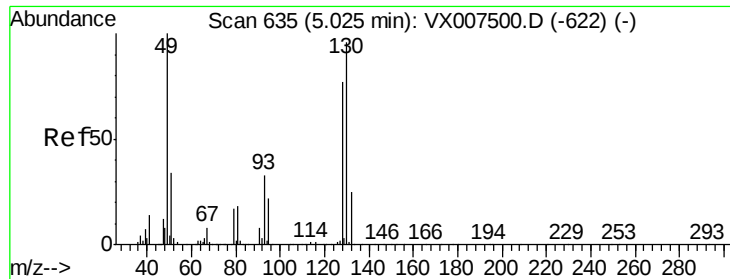
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021319\
Data File : VX007508.D
Acq On : 13 Feb 2019 03:02
Operator : JC/SP
Sample : VX0213WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0213WBS01

Quant Time: Feb 13 08:01:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X021319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 13 07:51:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.01 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBS01

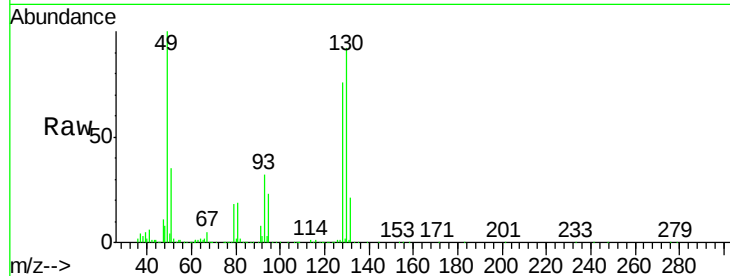
Tgt Ion:128 Resp: 76538

Ion Ratio Lower Upper

128 100

49 139.1 0.0 350.8

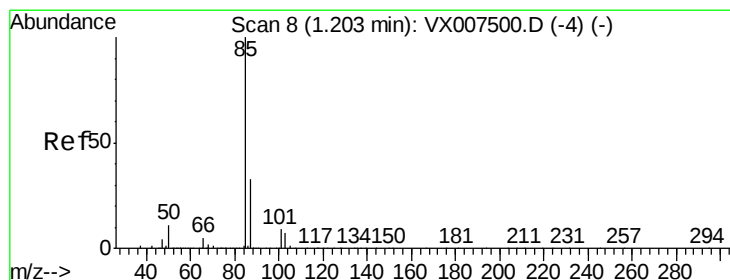
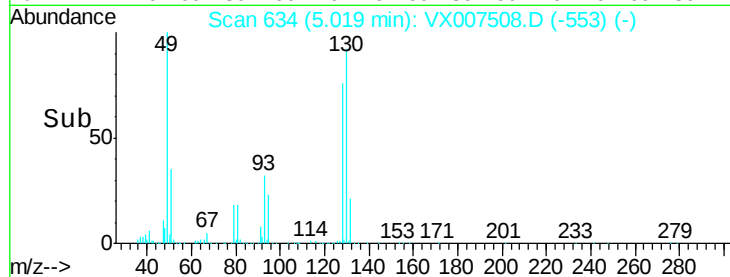
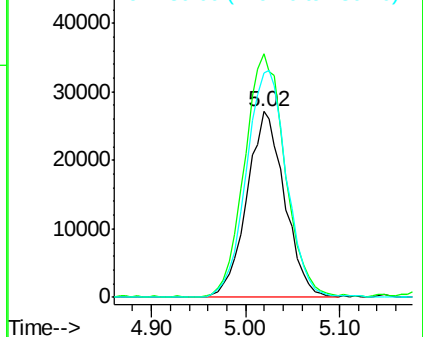
130 129.5 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.484 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007508.D

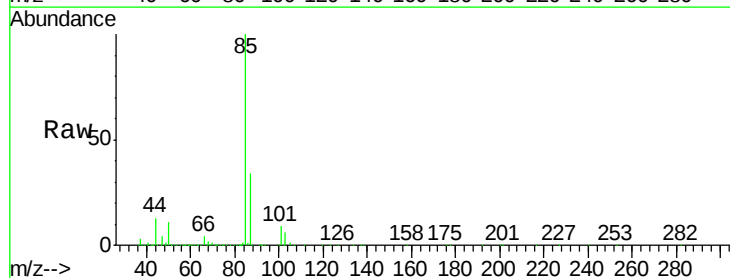
Acq: 13 Feb 2019 03:02

Tgt Ion: 85 Resp: 71641

Ion Ratio Lower Upper

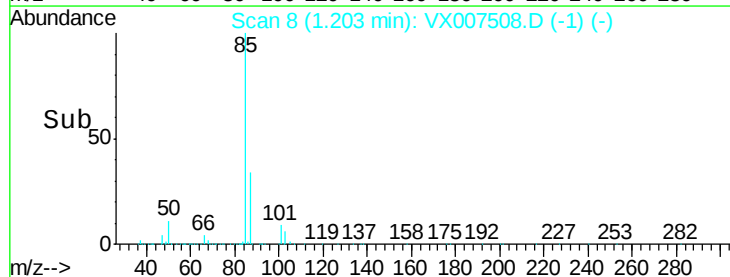
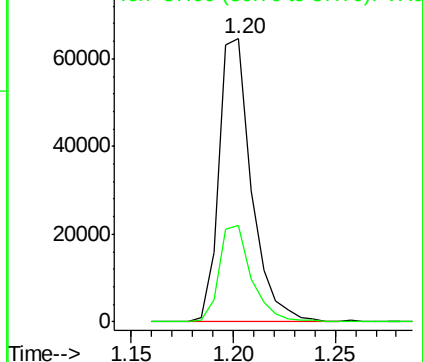
85 100

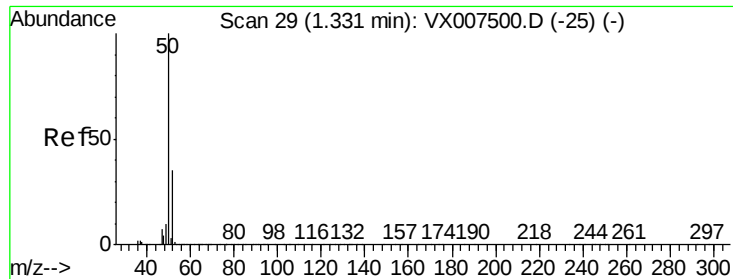
87 33.9 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

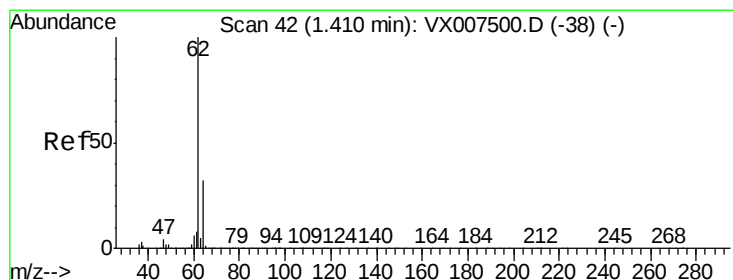
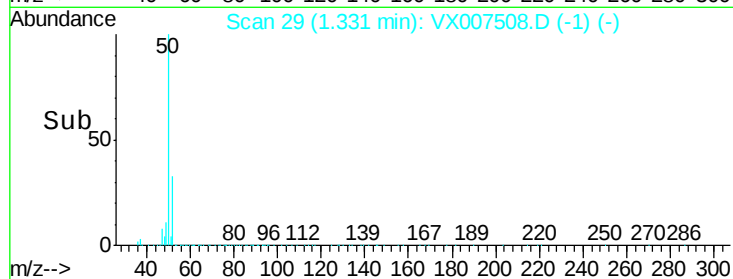
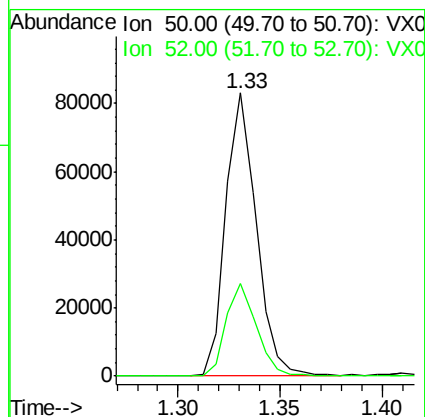
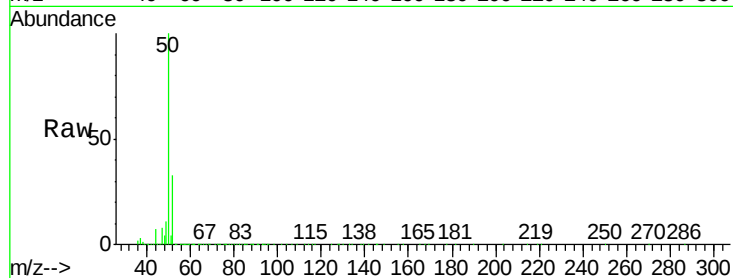




#3
Chloromethane
Concen: 20.292 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

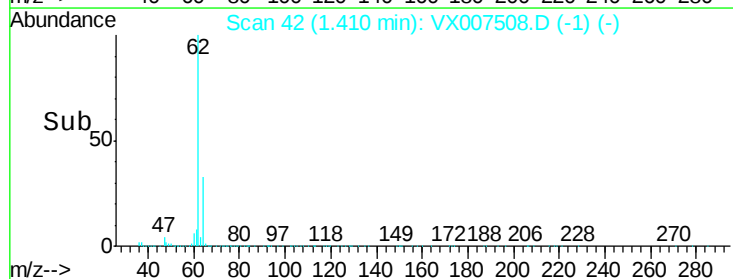
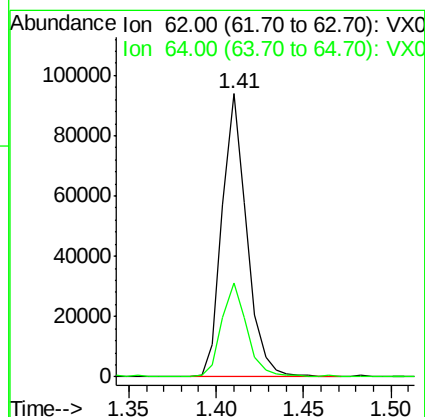
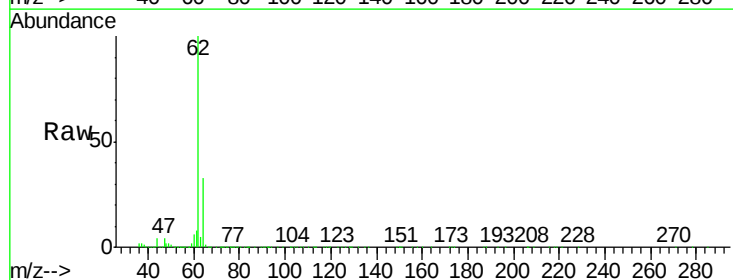
Instrument :
MSVOA_X
ClientSampleId :
VX0213WBS01

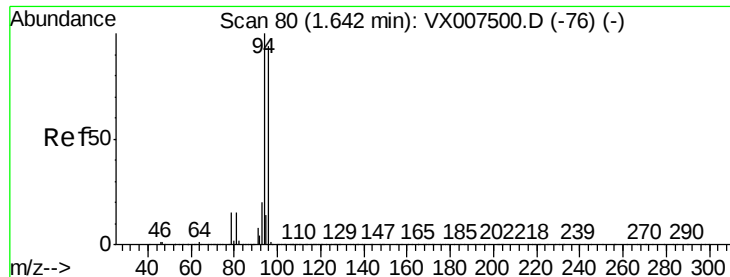
Tgt Ion: 50 Resp: 86436
Ion Ratio Lower Upper
50 100
52 32.5 27.5 41.3



#4
Vinyl Chloride
Concen: 19.283 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Tgt Ion: 62 Resp: 92391
Ion Ratio Lower Upper
62 100
64 33.1 25.9 38.9





#5

Bromomethane

Concen: 16.859 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

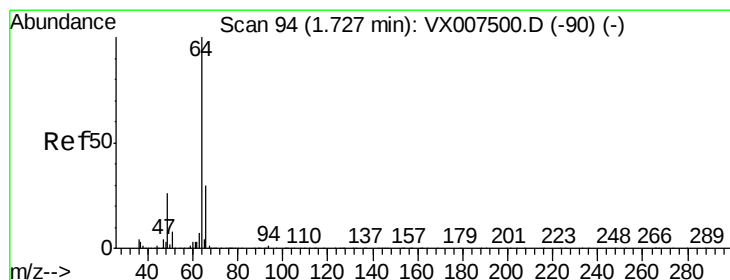
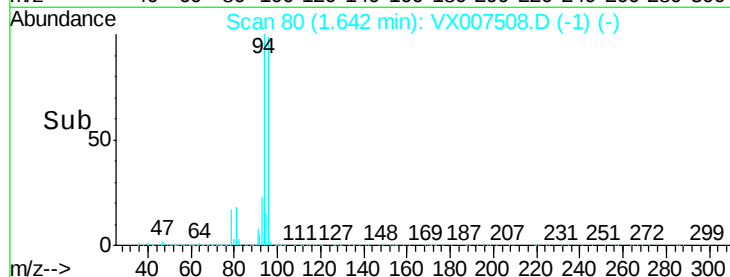
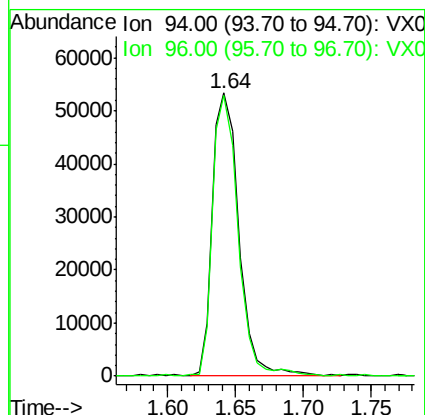
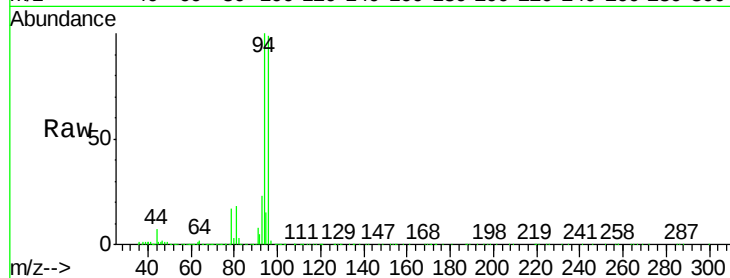
VX0213WBS01

Tgt Ion: 94 Resp: 72134

Ion Ratio Lower Upper

94 100

96 99.1 75.6 113.4



#6

Chloroethane

Concen: 18.656 ug/l

RT: 1.73 min Scan# 94

Delta R.T. -0.00 min

Lab File: VX007508.D

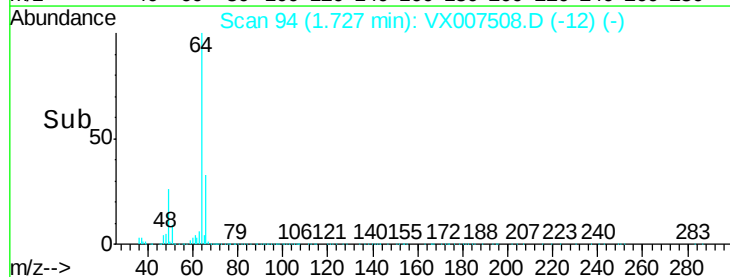
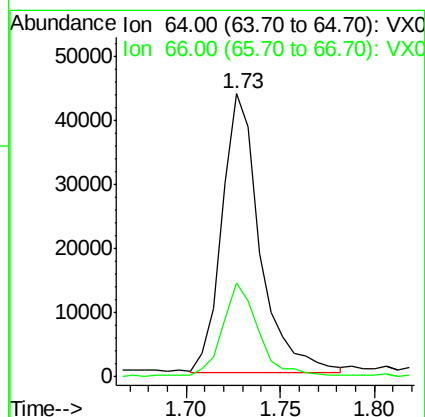
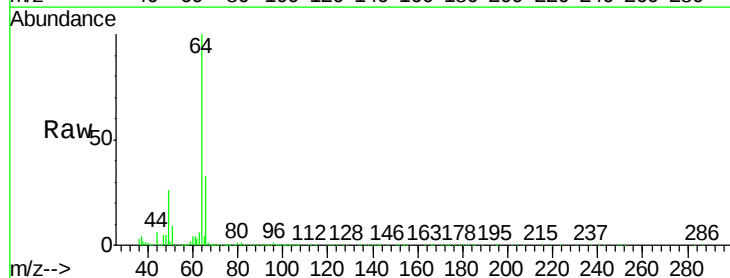
Acq: 13 Feb 2019 03:02

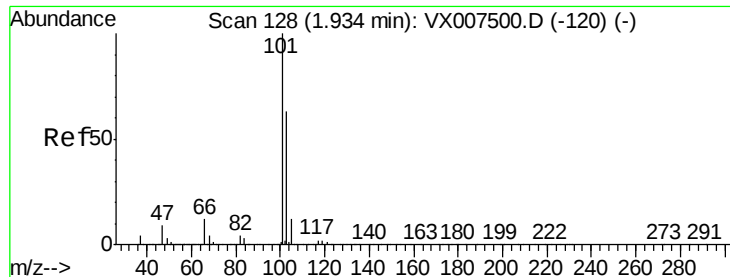
Tgt Ion: 64 Resp: 60761

Ion Ratio Lower Upper

64 100

66 33.5 23.9 35.9



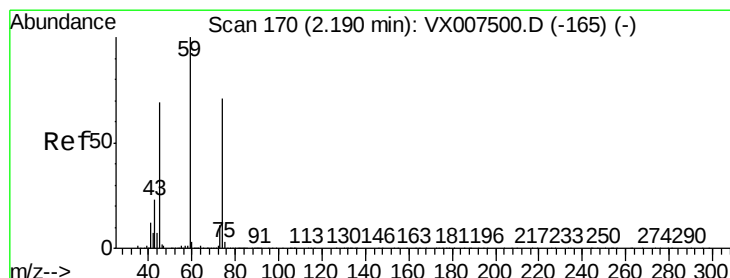
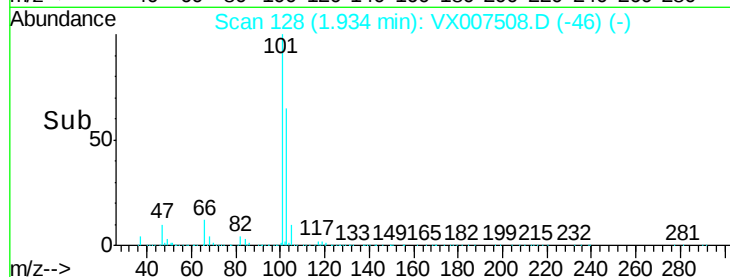
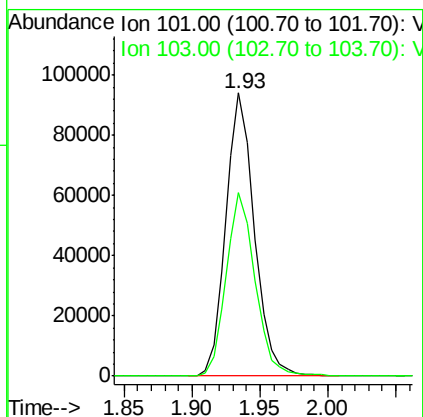
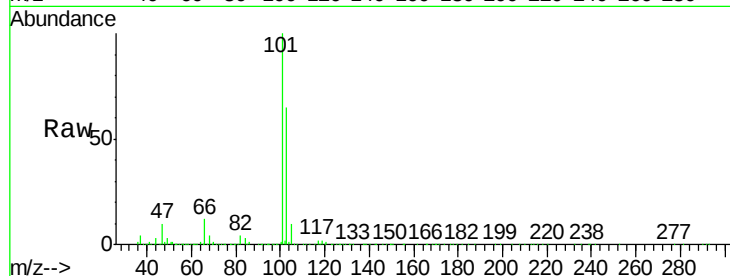


#7

Trichlorofluoromethane
Concen: 18.277 ug/l
RT: 1.93 min Scan# 128
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Instrument :
MSVOA_X
ClientSampled :
VX0213WBS01

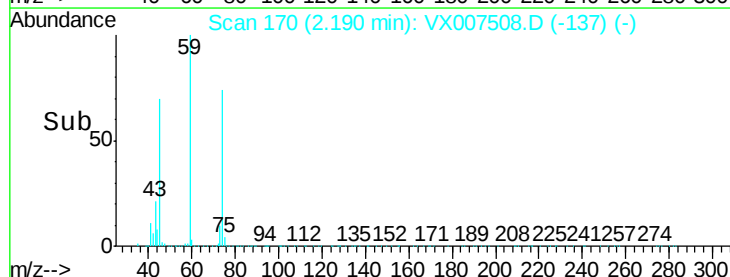
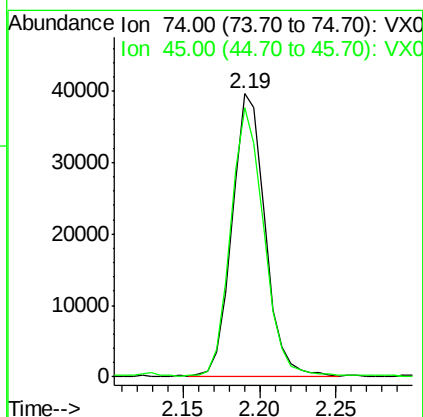
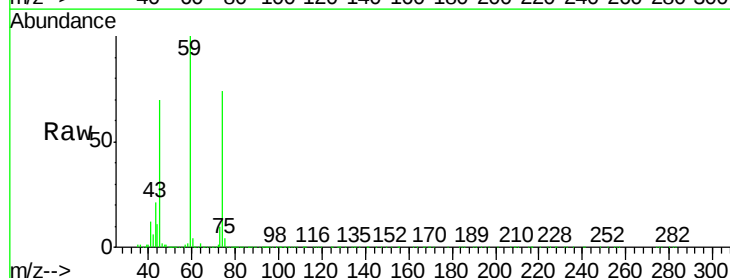
Tgt Ion:101 Resp: 137273
Ion Ratio Lower Upper
101 100
103 64.8 50.4 75.6

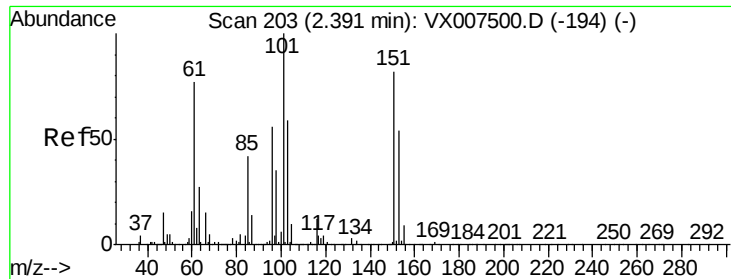


#8

Diethyl Ether
Concen: 19.811 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Tgt Ion: 74 Resp: 59438
Ion Ratio Lower Upper
74 100
45 93.8 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.552 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.01 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBS01

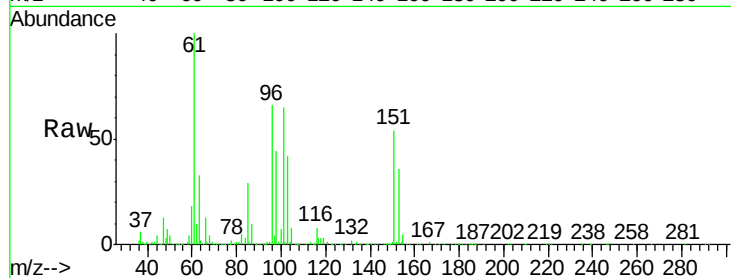
Tgt Ion: 101 Resp: 74376

Ion Ratio Lower Upper

101 100

85 43.1 0.0 86.8

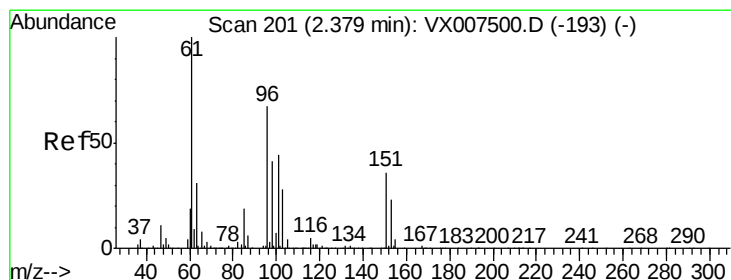
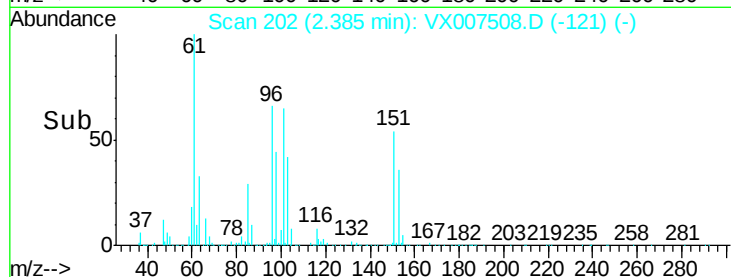
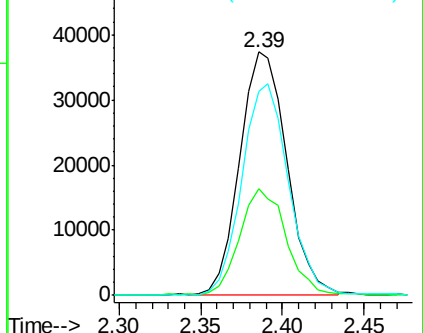
151 86.6 0.0 169.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.866 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

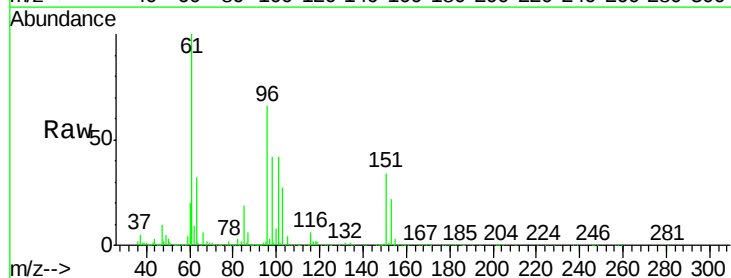
Tgt Ion: 96 Resp: 79328

Ion Ratio Lower Upper

96 100

61 151.8 120.2 180.2

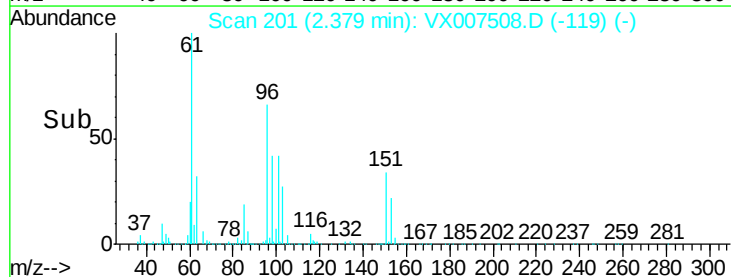
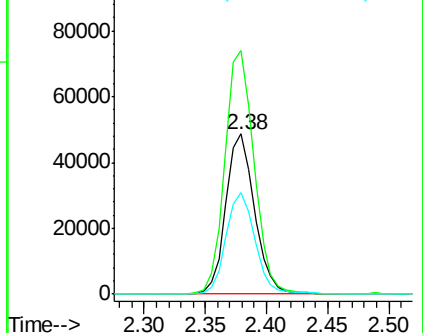
98 63.5 49.0 73.4

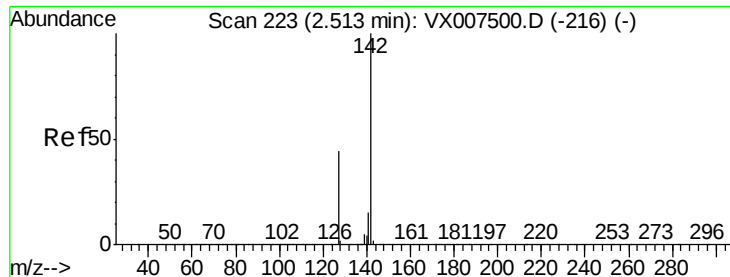


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

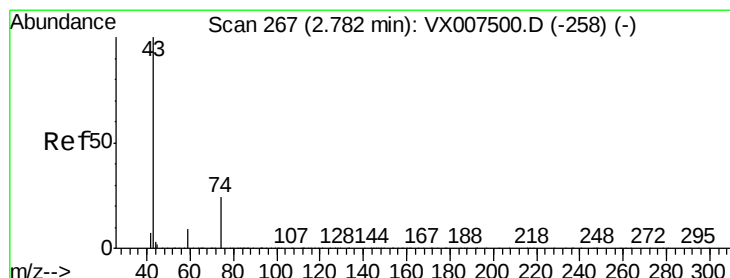
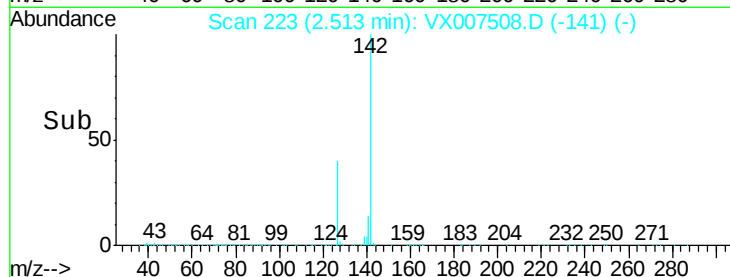
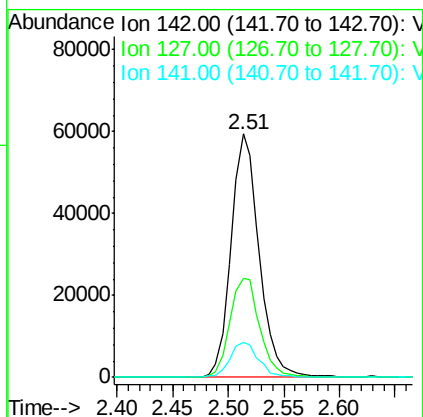
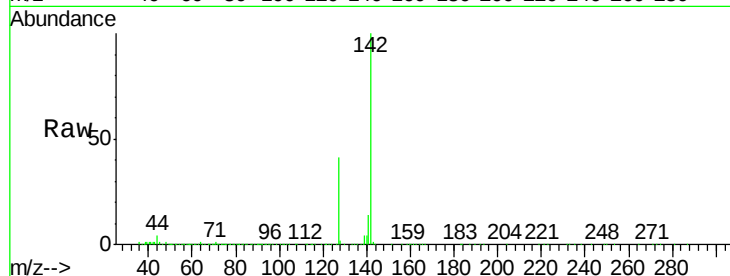




#11
Methyl Iodide
Concen: 17.207 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

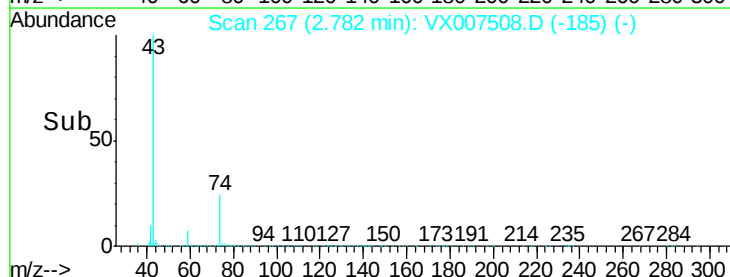
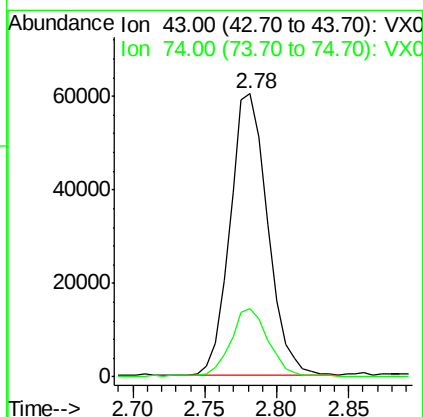
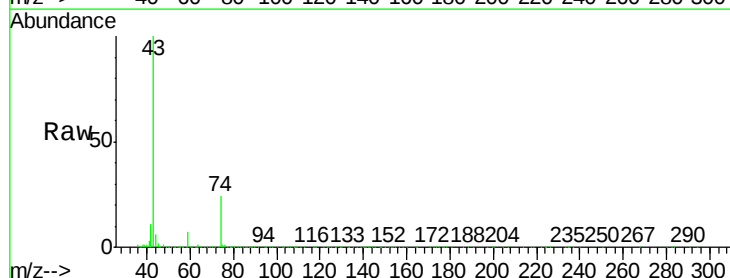
Instrument :
MSVOA_X
ClientSampleId :
VX0213WBS01

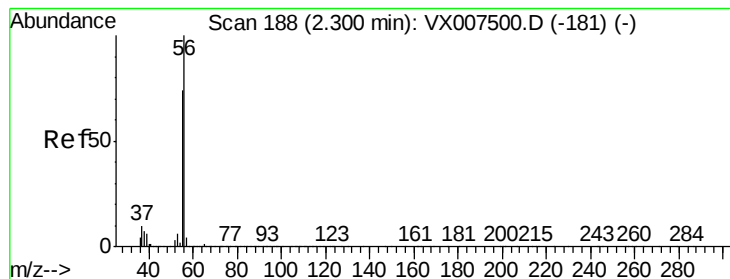
Tgt Ion: 142 Resp: 103986
Ion Ratio Lower Upper
142 100
127 40.5 22.1 66.5
141 14.2 7.4 22.3



#12
Methyl Acetate
Concen: 18.887 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Tgt Ion: 43 Resp: 109524
Ion Ratio Lower Upper
43 100
74 24.1 19.4 29.0





#13

Acrolein

Concen: 83.897 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

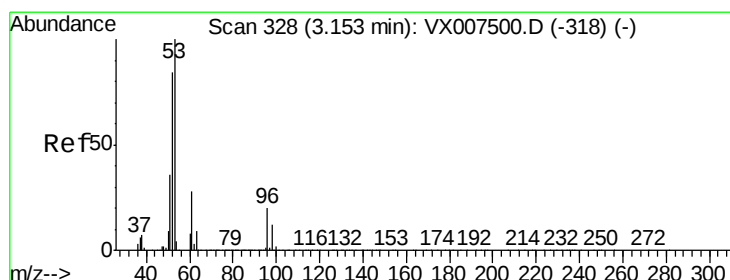
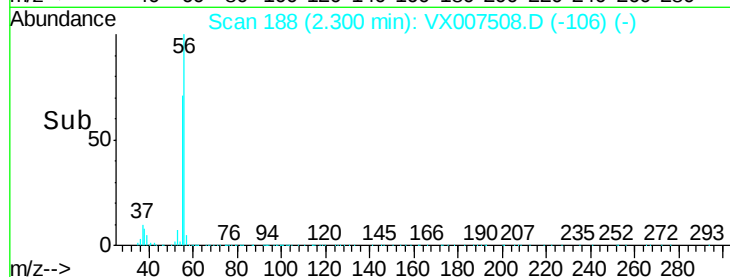
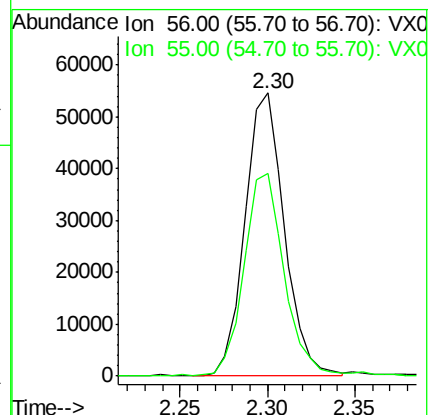
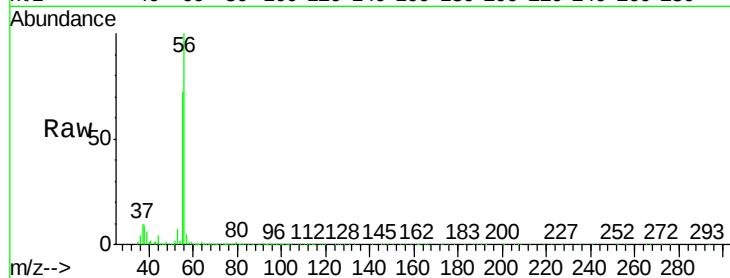
VX0213WBS01

Tgt Ion: 56 Resp: 84865

Ion Ratio Lower Upper

56 100

55 73.8 58.6 87.8



#14

Acrylonitrile

Concen: 99.025 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

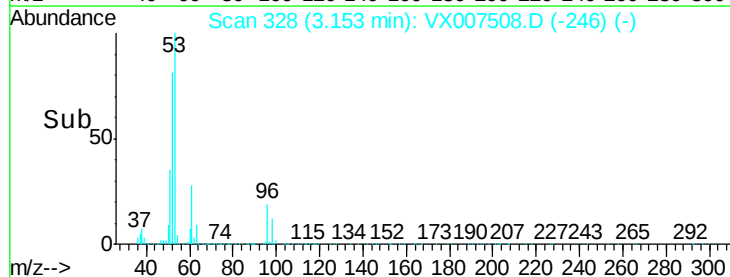
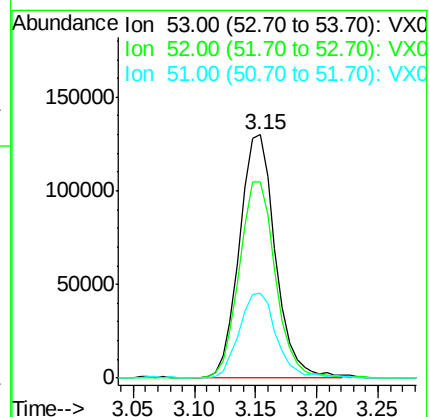
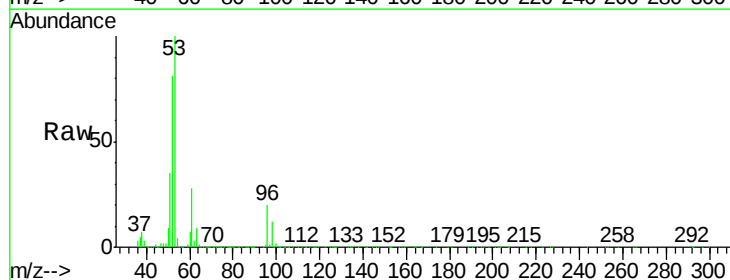
Tgt Ion: 53 Resp: 264582

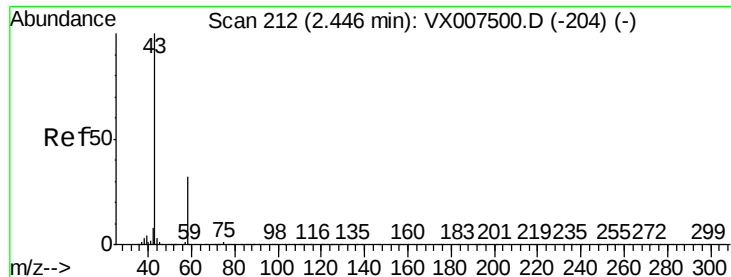
Ion Ratio Lower Upper

53 100

52 81.1 41.3 124.1

51 35.6 17.5 52.6





#15

Acetone

Concen: 96.322 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

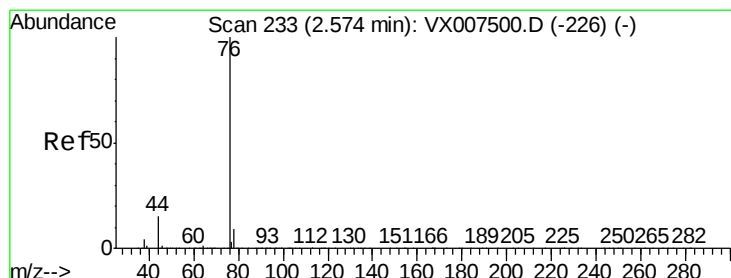
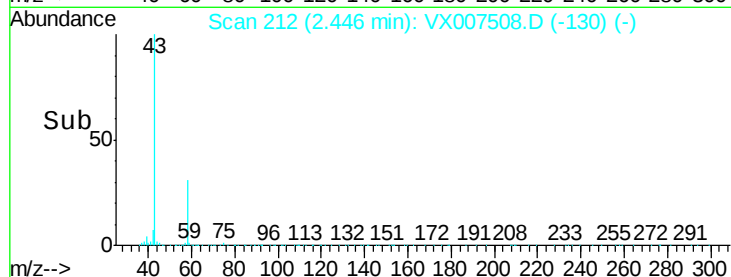
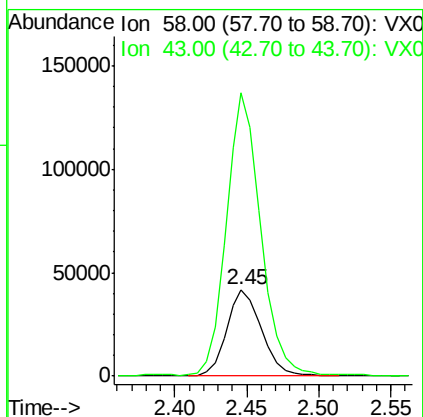
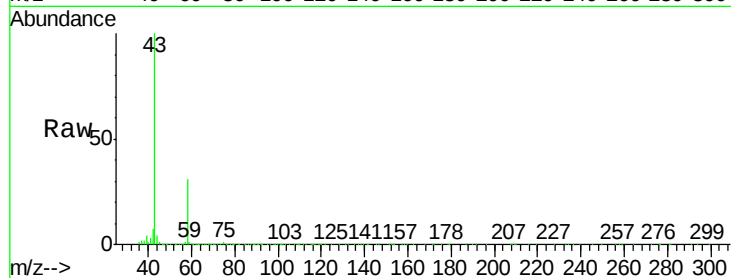
VX0213WBS01

Tgt Ion: 58 Resp: 69845

Ion Ratio Lower Upper

58 100

43 327.4 249.8 374.6



#16

Carbon Disulfide

Concen: 18.599 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007508.D

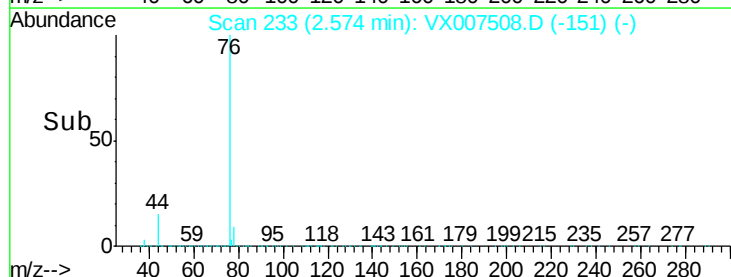
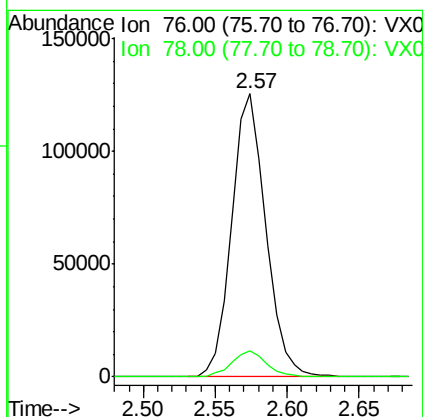
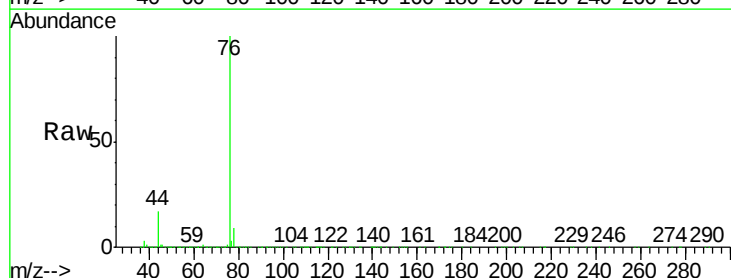
Acq: 13 Feb 2019 03:02

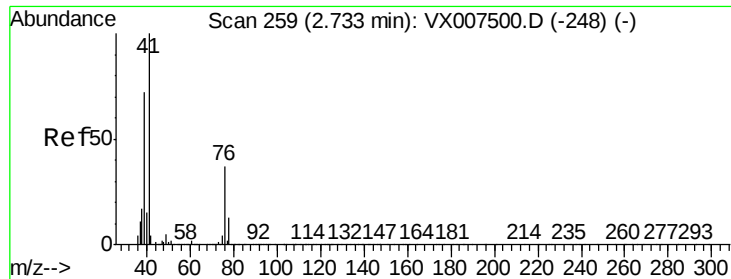
Tgt Ion: 76 Resp: 207394

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

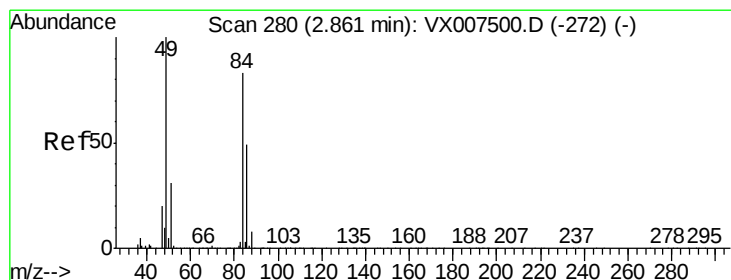
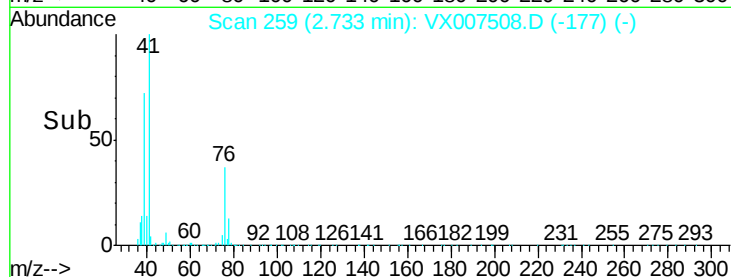
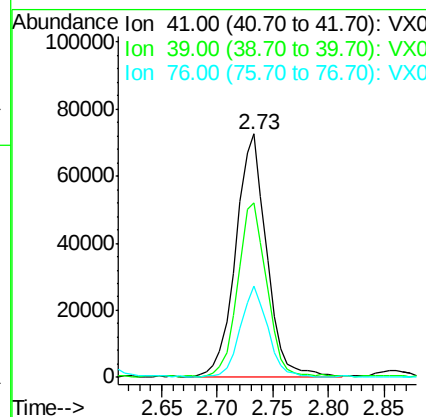
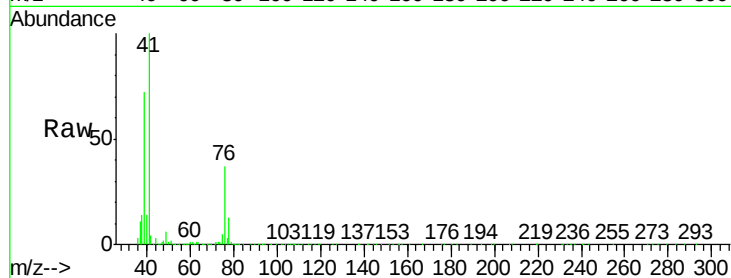




#17
 Allyl chloride
 Concen: 19.329 ug/l
 RT: 2.73 min Scan# 259
 Delta R.T. -0.00 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

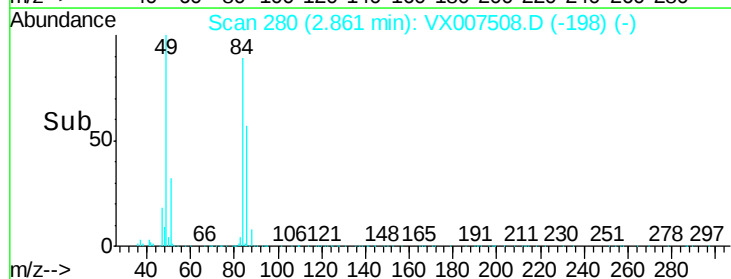
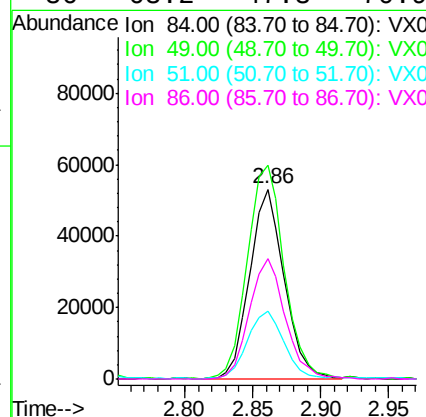
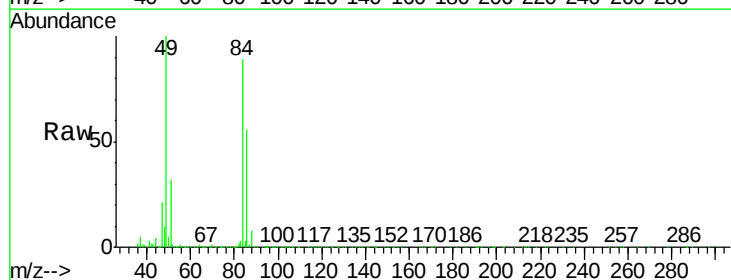
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0213WBS01

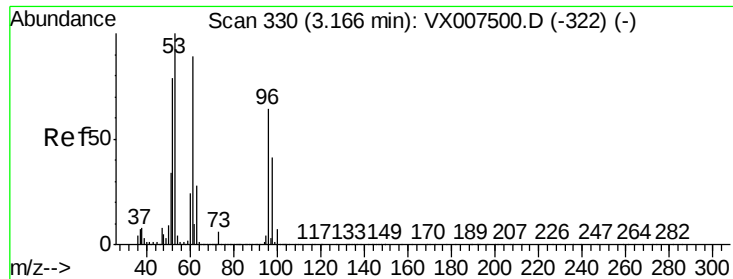
Tgt Ion:	41	Resp:	139250
Ion	Ratio	Lower	Upper
41	100		
39	71.6	35.8	107.4
76	37.3	18.3	54.9



#18
 Methylene Chloride
 Concen: 20.057 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

Tgt Ion:	84	Resp:	94841
Ion	Ratio	Lower	Upper
84	100		
49	112.0	96.1	144.1
51	35.5	29.1	43.7
86	63.2	47.3	70.9

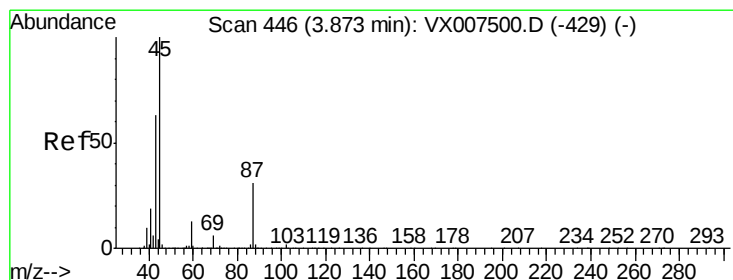
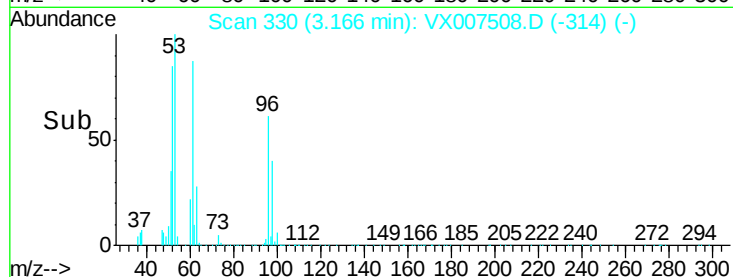
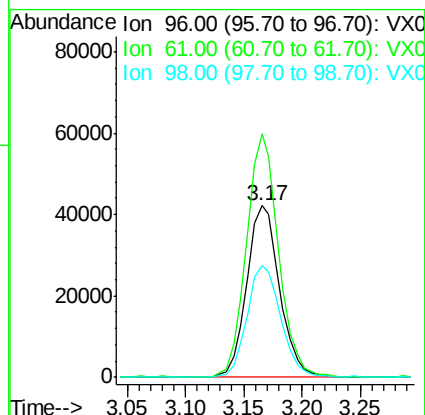
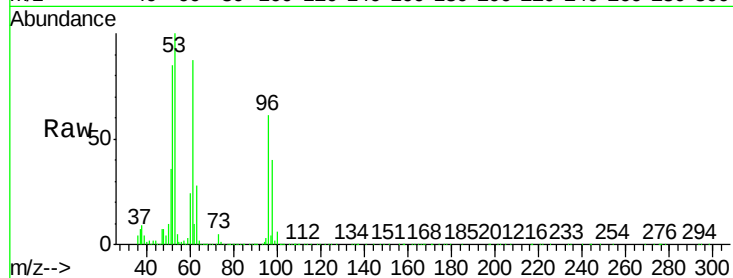




#19
trans-1,2-Dichloroethene
Concen: 18.460 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

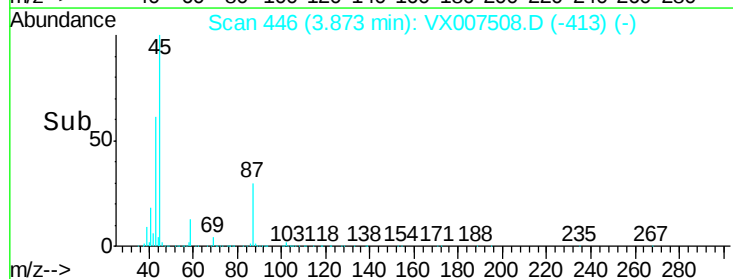
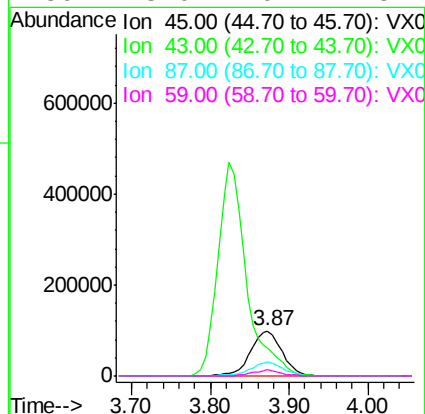
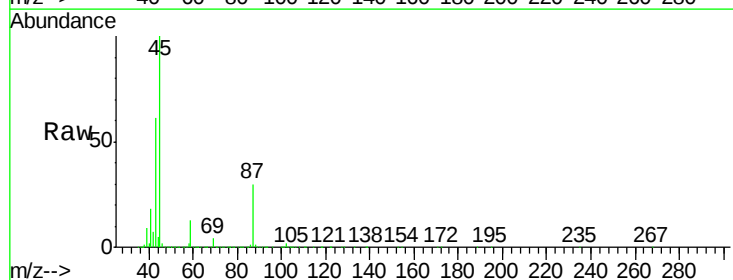
Instrument :
MSVOA_X
ClientSampleId :
VX0213WBS01

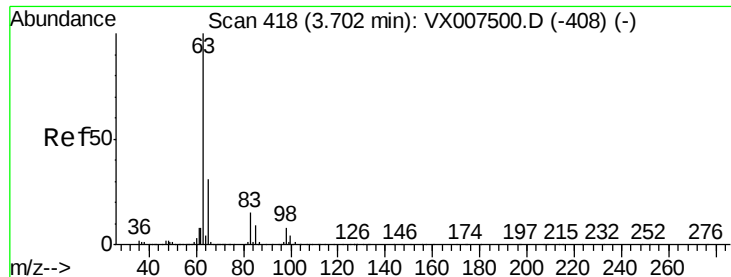
Tgt Ion: 96 Resp: 83020
Ion Ratio Lower Upper
96 100
61 141.5 109.9 164.9
98 64.5 50.4 75.6



#20
Diisopropyl ether
Concen: 20.235 ug/l
RT: 3.87 min Scan# 446
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Tgt Ion: 45 Resp: 275497
Ion Ratio Lower Upper
45 100
43 60.3 50.6 76.0
87 30.3 24.5 36.7
59 13.0 10.2 15.2





#21

1,1-Dichloroethane

Concen: 19.873 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.01 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBS01

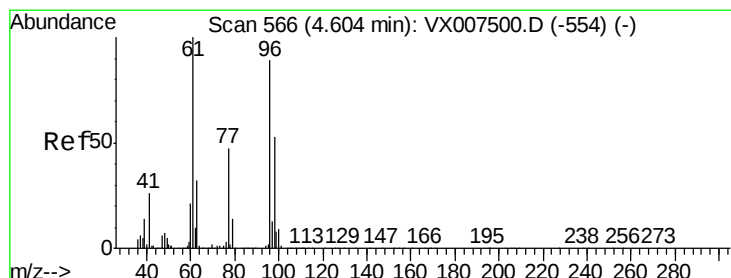
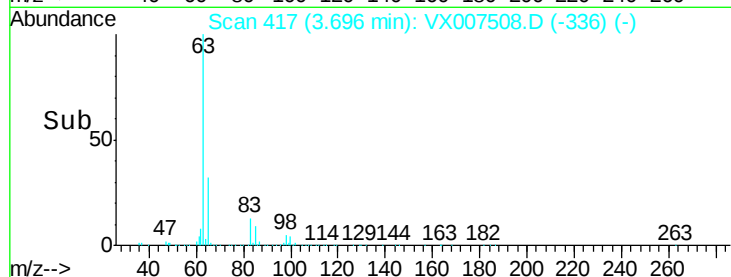
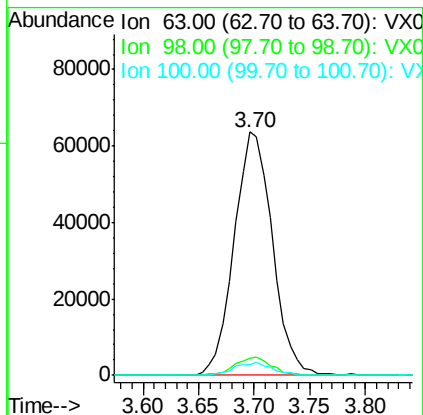
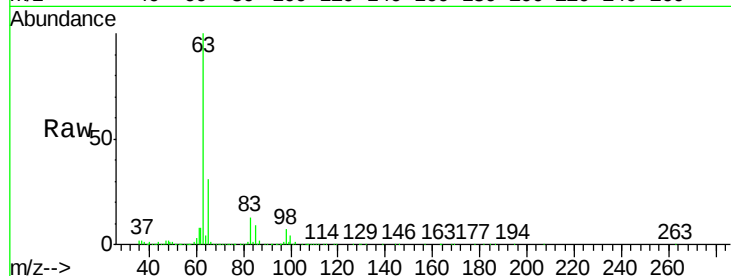
Tgt Ion: 63 Resp: 151692

Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.4

100 4.2 2.4 7.1



#22

cis-1,2-Dichloroethene

Concen: 19.791 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.01 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

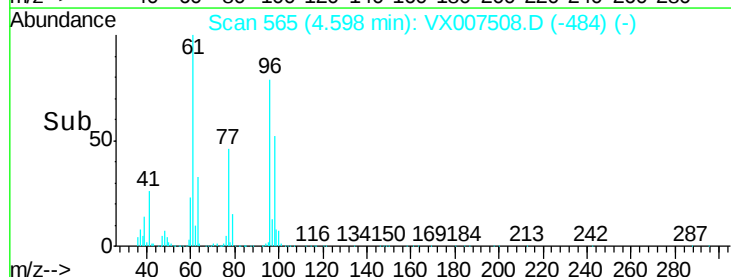
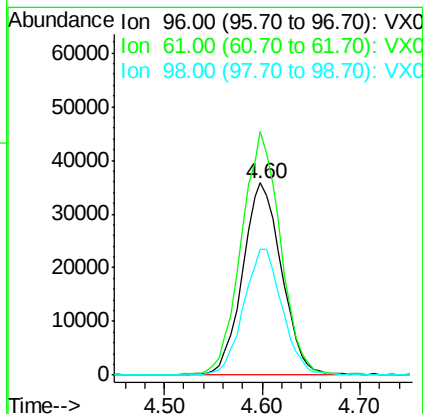
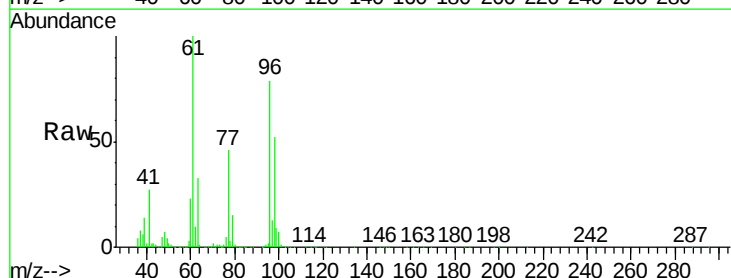
Tgt Ion: 96 Resp: 99053

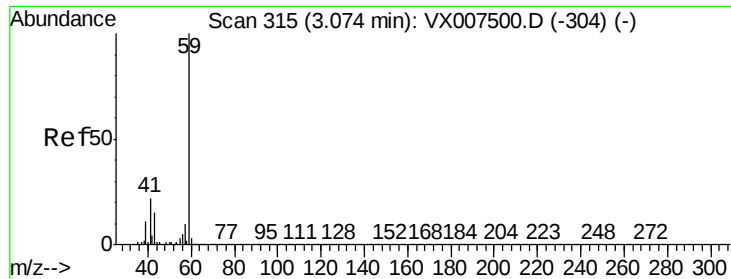
Ion Ratio Lower Upper

96 100

61 127.1 103.5 155.3

98 64.6 52.1 78.1





#23

tert-Butyl Alcohol

Concen: 97.975 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

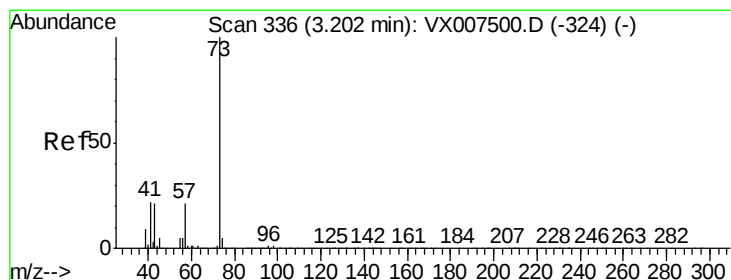
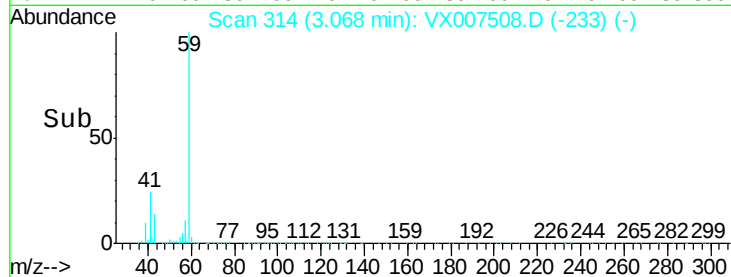
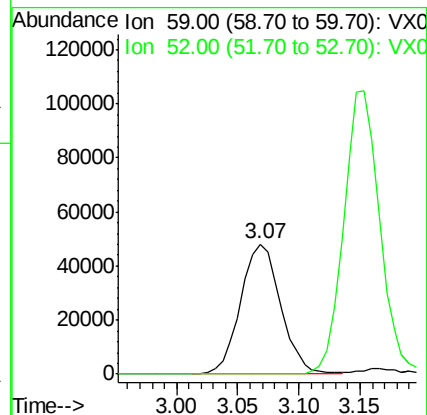
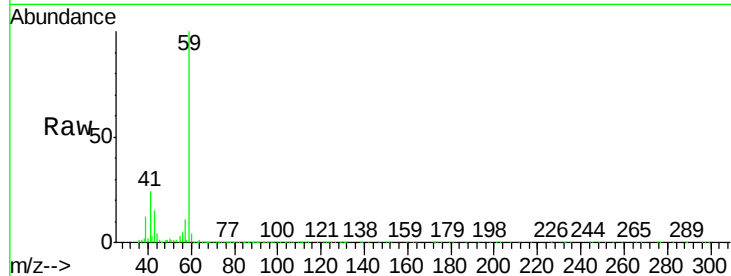
VX0213WBS01

Tgt Ion: 59 Resp: 110028

Ion Ratio Lower Upper

59 100

52 0.3 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 20.039 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX007508.D

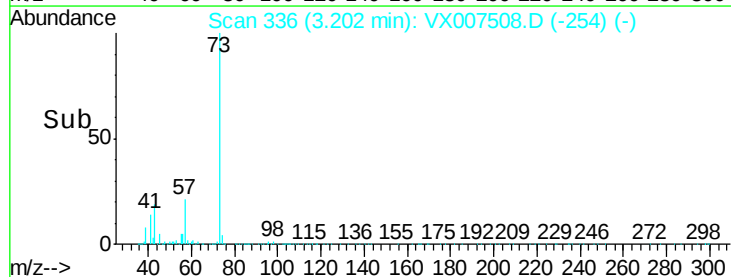
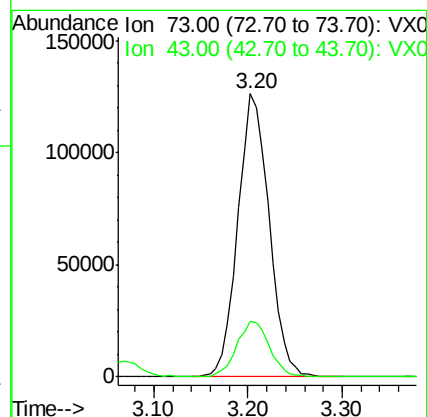
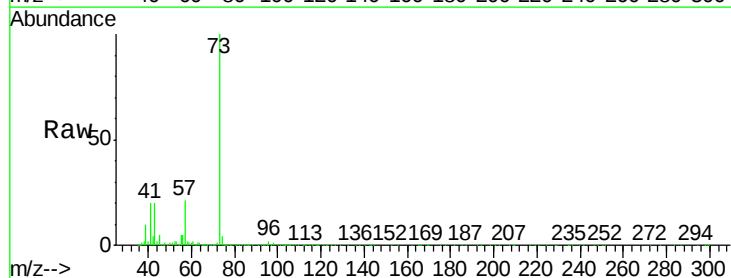
Acq: 13 Feb 2019 03:02

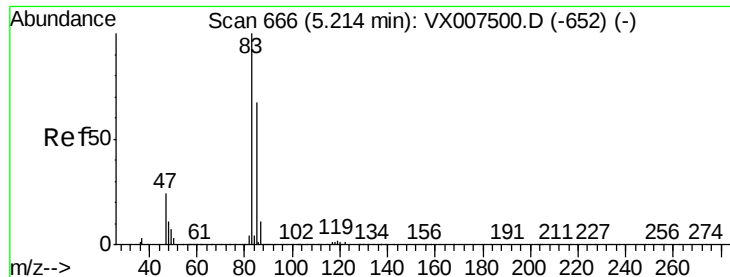
Tgt Ion: 73 Resp: 292414

Ion Ratio Lower Upper

73 100

43 20.2 17.1 25.7





#25

Chloroform

Concen: 19.751 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

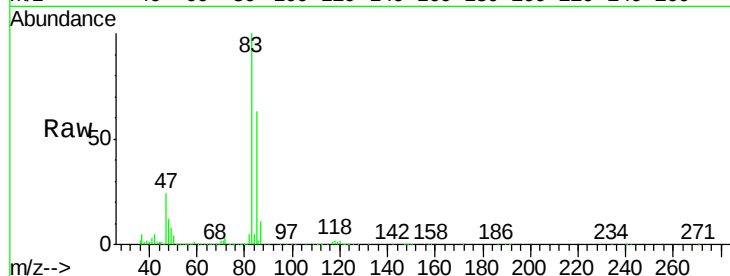
VX0213WBS01

Tgt Ion: 83 Resp: 159226

Ion Ratio Lower Upper

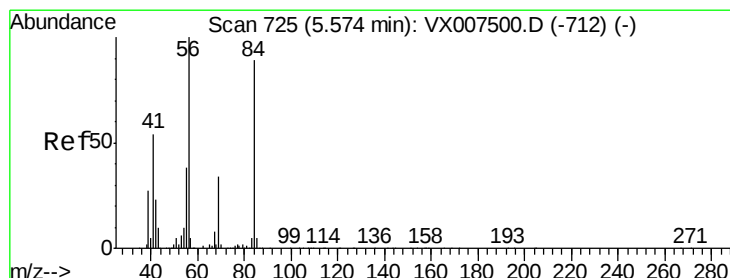
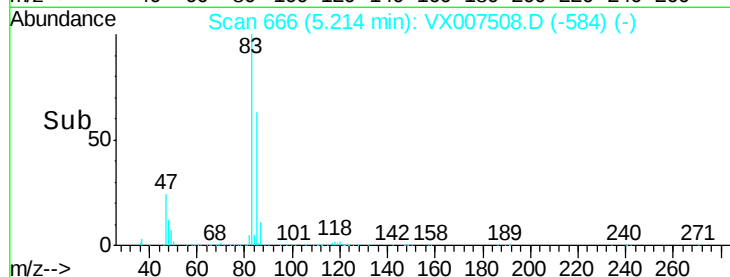
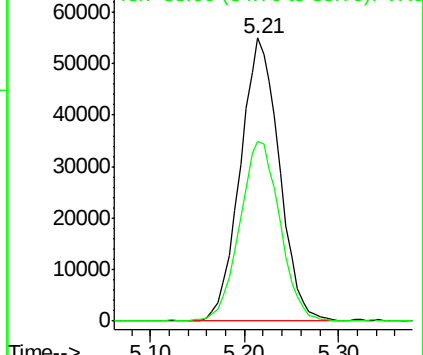
83 100

85 63.2 53.8 80.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 18.339 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

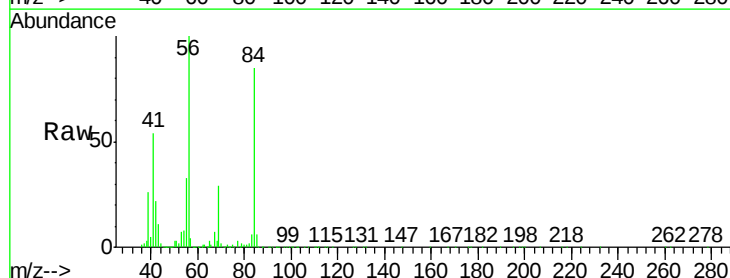
Tgt Ion: 56 Resp: 117381

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

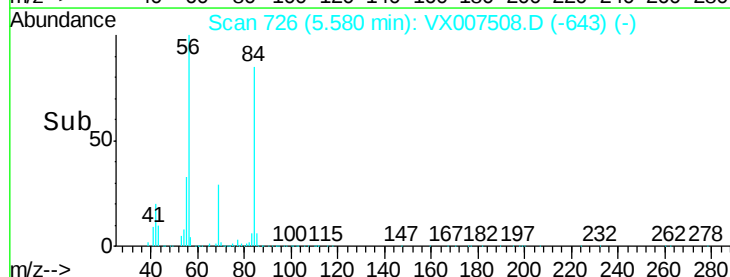
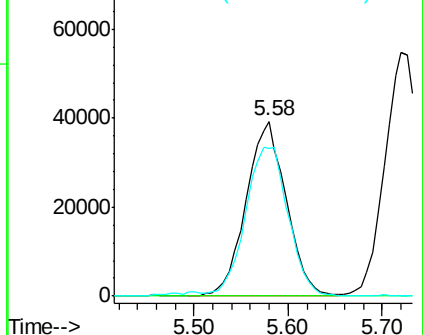
84 90.8 73.9 110.9

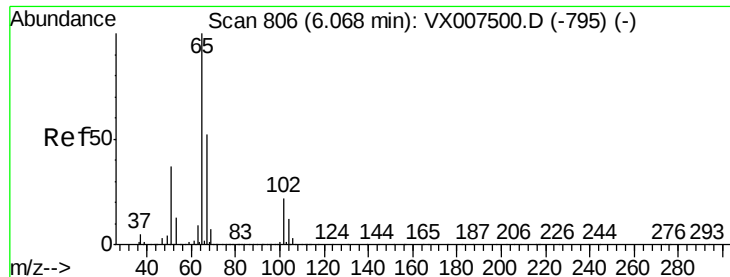


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 29.927 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

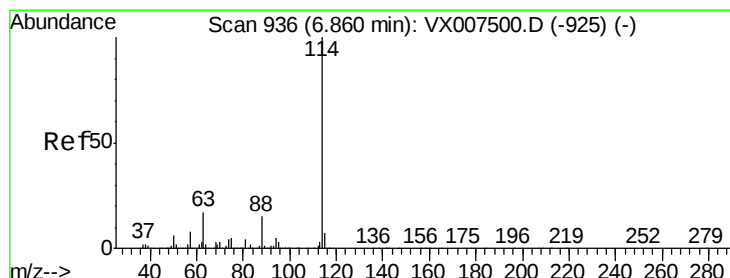
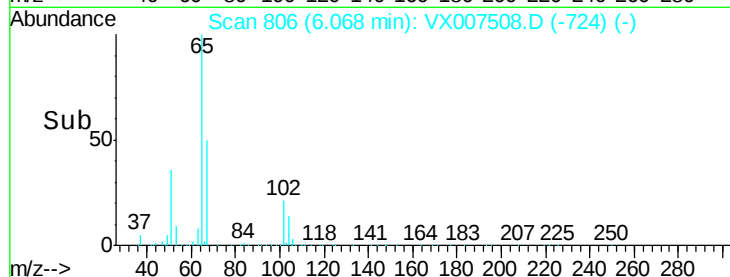
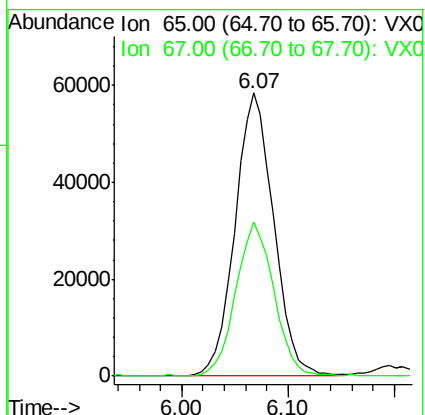
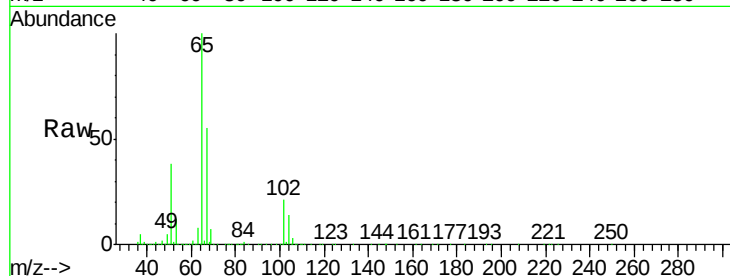
VX0213WBS01

Tgt Ion: 65 Resp: 148172

Ion Ratio Lower Upper

65 100

67 53.7 42.9 64.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

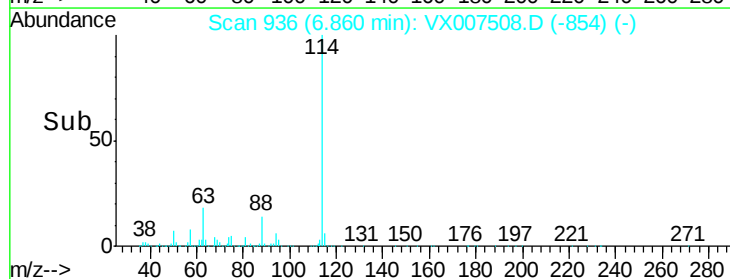
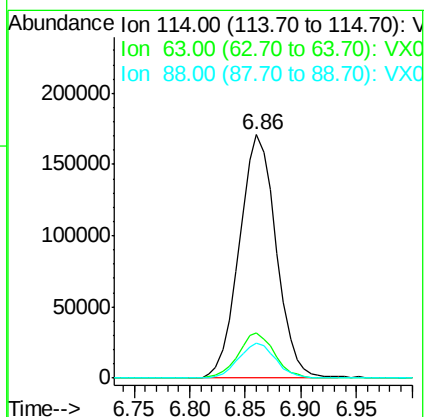
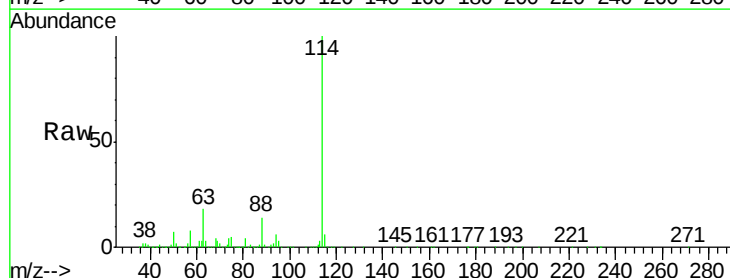
Tgt Ion: 114 Resp: 393287

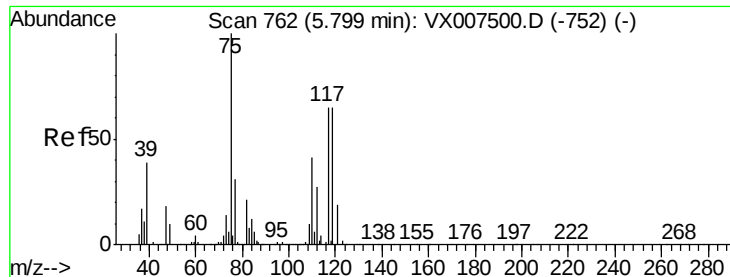
Ion Ratio Lower Upper

114 100

63 18.3 14.2 21.4

88 14.5 11.9 17.9





#29

1,1-Dichloropropene

Concen: 19.099 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampled :

VX0213WBS01

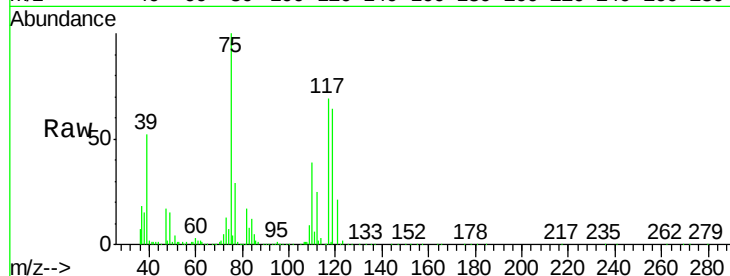
Tgt Ion: 75 Resp: 104777

Ion Ratio Lower Upper

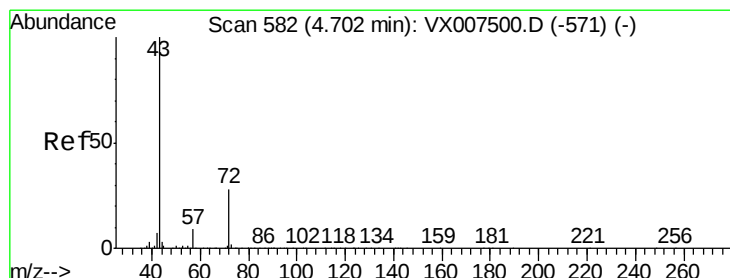
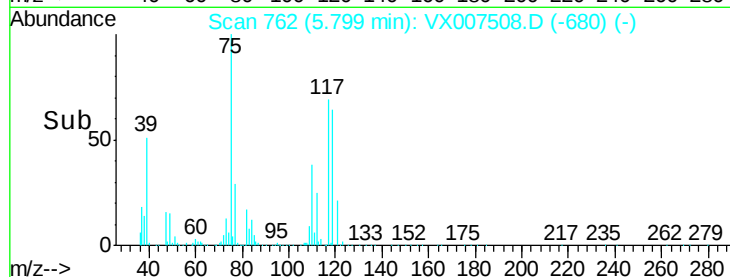
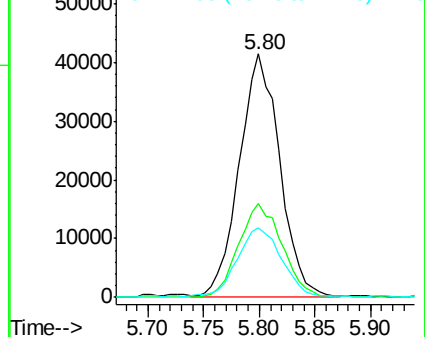
75 100

110 41.3 0.0 80.8

77 31.4 0.0 62.4



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 110.00 (109.70 to 110.70): V
Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 104.340 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

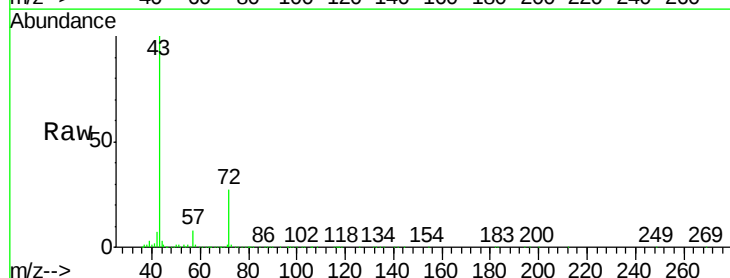
Tgt Ion: 43 Resp: 338742

Ion Ratio Lower Upper

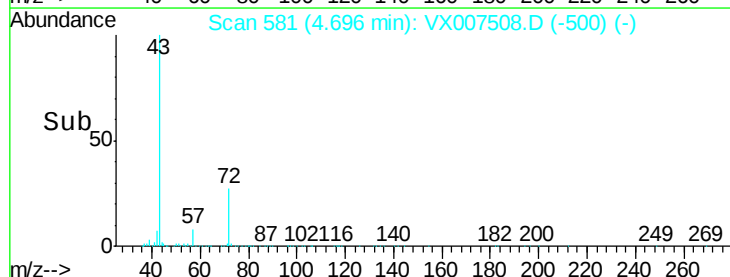
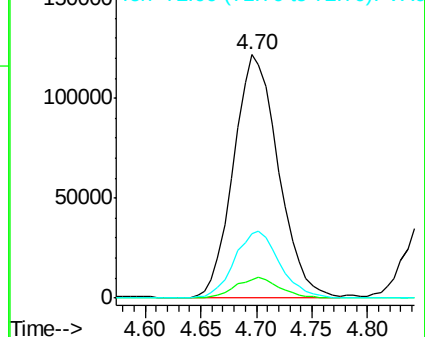
43 100

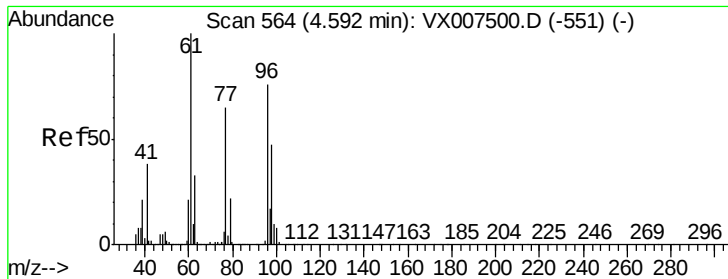
57 8.4 7.0 10.6

72 27.9 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 57.00 (56.70 to 57.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 17.110 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampled :

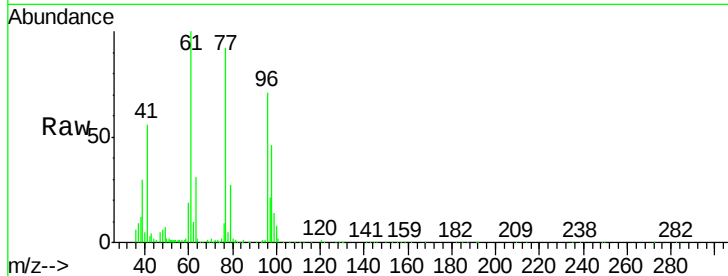
VX0213WBS01

Tgt Ion: 77 Resp: 76260

Ion Ratio Lower Upper

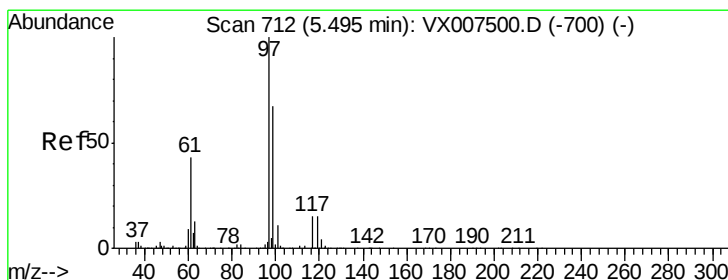
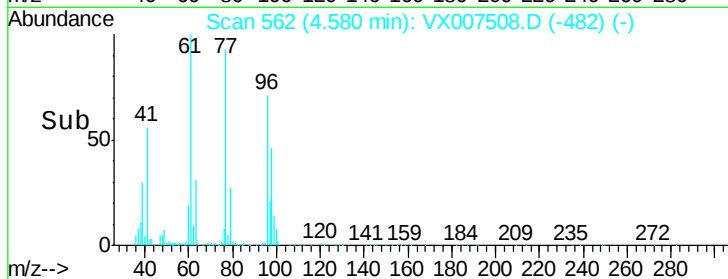
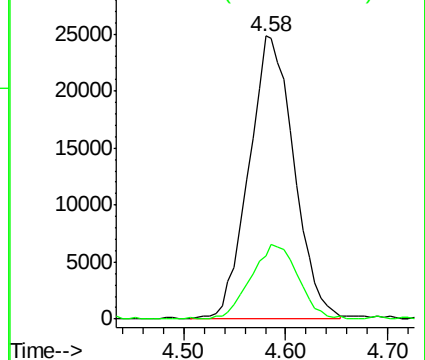
77 100

97 27.4 20.6 31.0



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.573 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

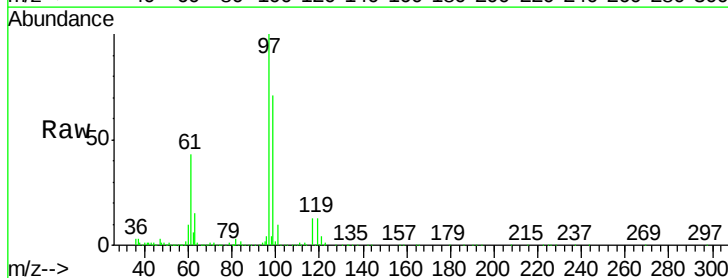
Tgt Ion: 97 Resp: 128344

Ion Ratio Lower Upper

97 100

99 65.2 51.7 77.5

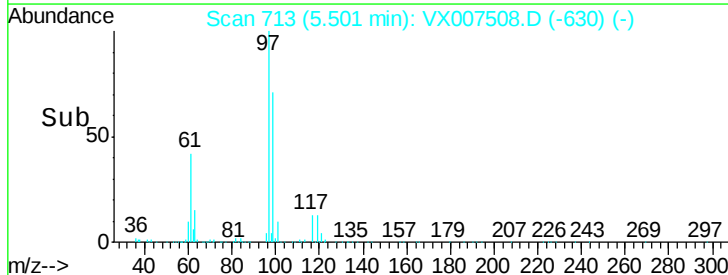
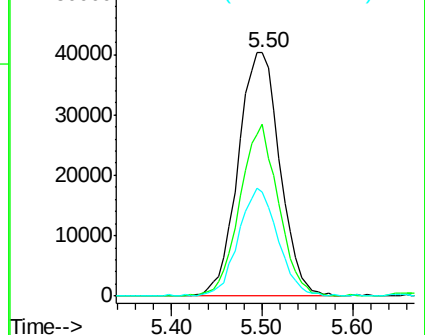
61 41.7 32.8 49.2

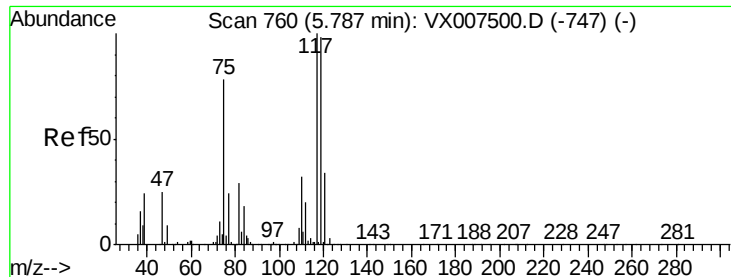


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#33

Carbon Tetrachloride

Concen: 18.880 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBS01

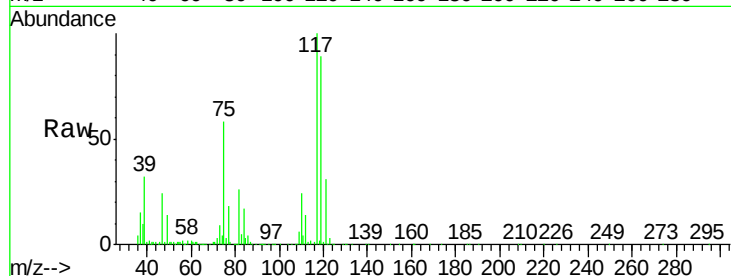
Tgt Ion:117 Resp: 109438

Ion Ratio Lower Upper

117 100

119 88.6 78.1 117.1

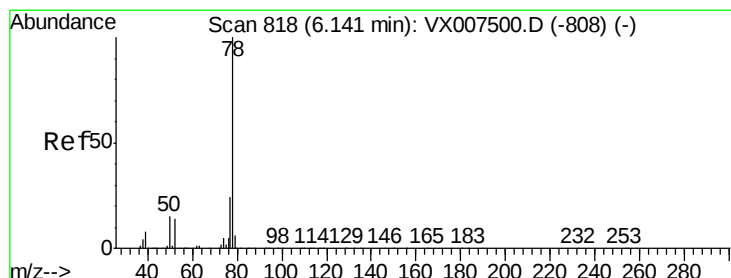
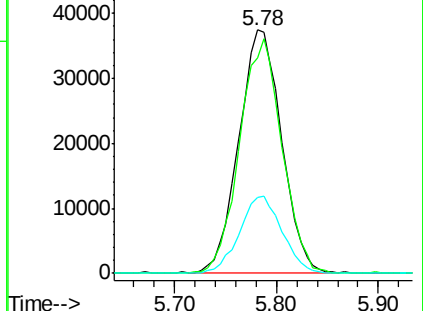
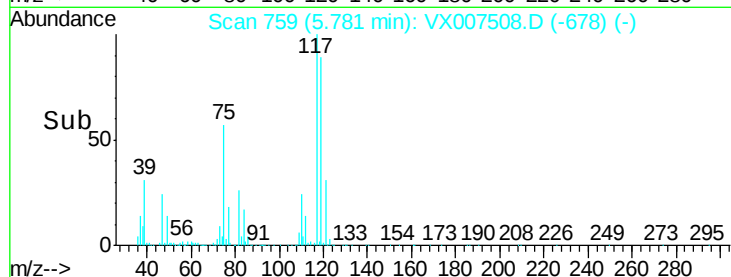
121 31.3 27.0 40.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 20.441 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

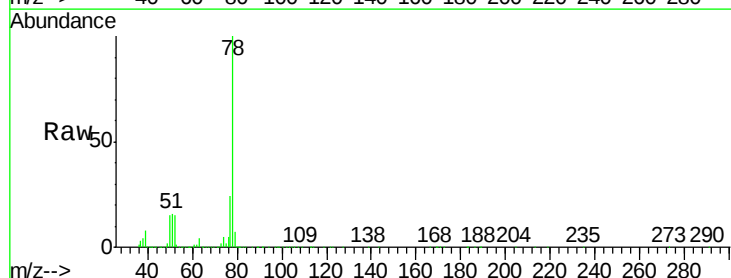
Tgt Ion: 78 Resp: 353513

Ion Ratio Lower Upper

78 100

77 24.4 19.1 28.7

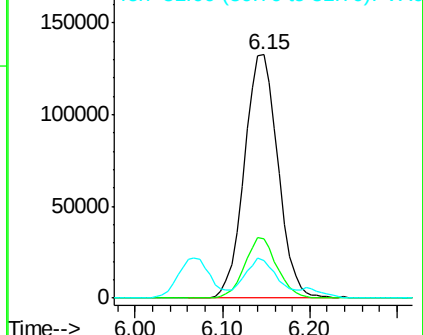
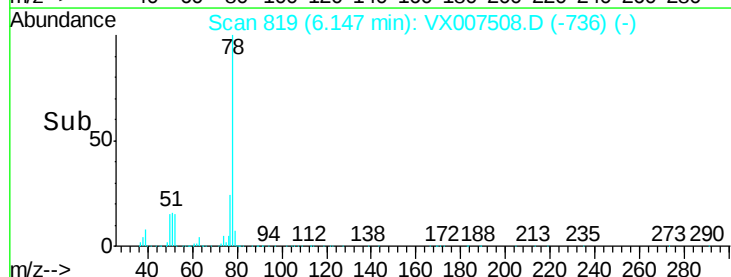
51 15.1 10.8 16.2

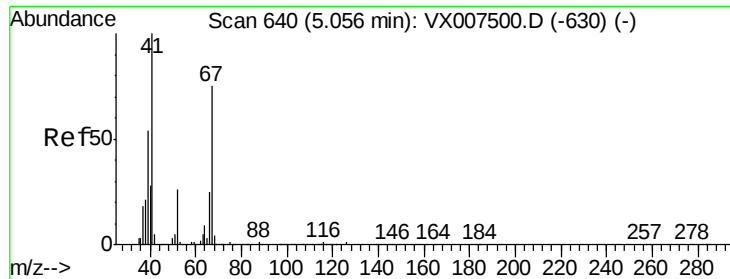


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

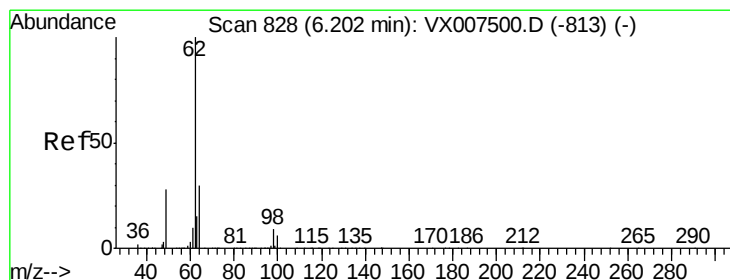
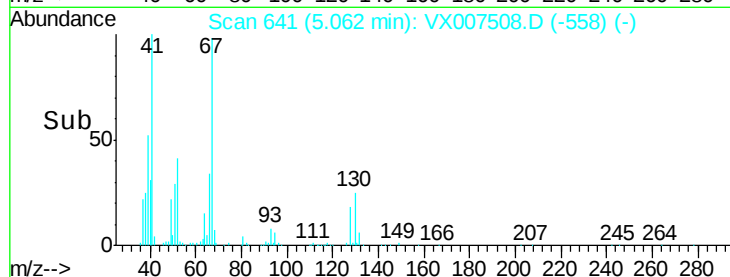
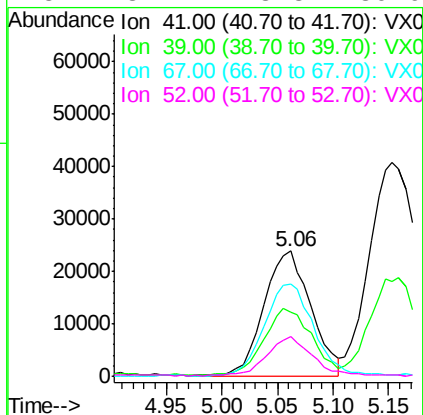
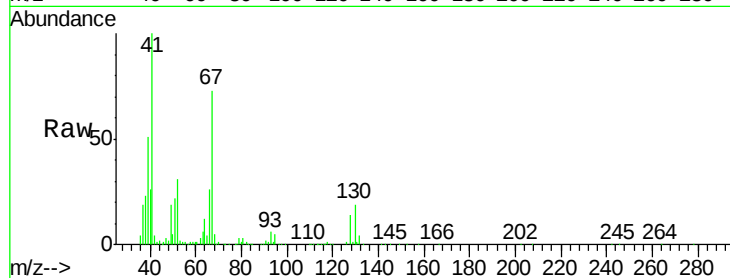




#35
Methacrylonitrile
Concen: 20.827 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

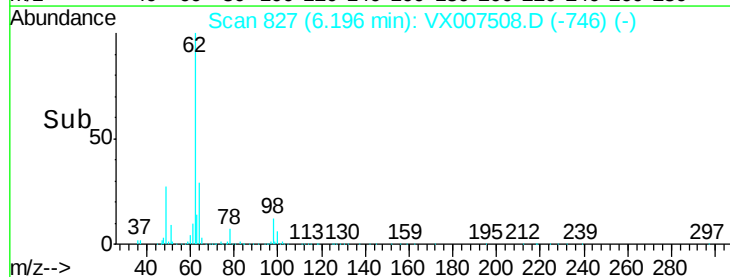
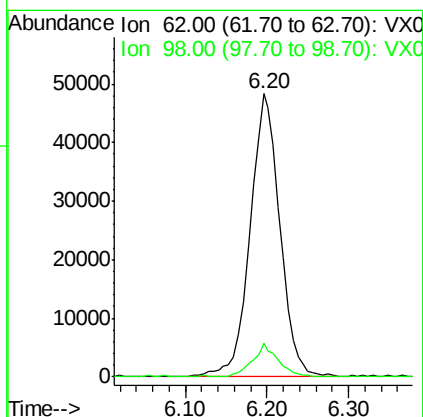
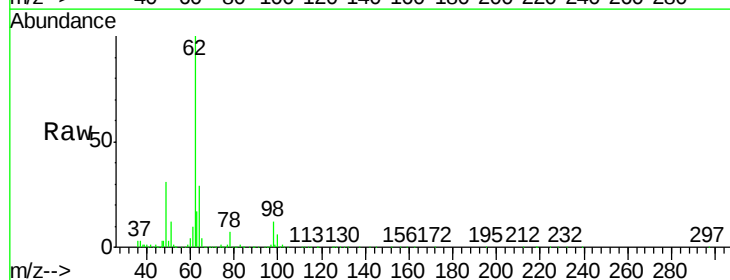
Instrument :
MSVOA_X
ClientSampleId :
VX0213WBS01

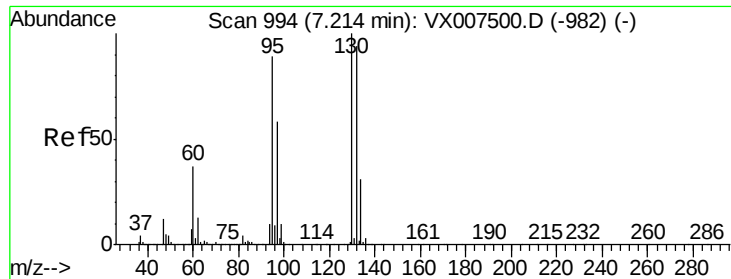
Tgt Ion:	41	Resp:	70302
Ion	Ratio	Lower	Upper
41	100		
39	50.7	27.4	82.0
67	73.5	37.9	113.6
52	31.2	13.3	39.9



#36
1,2-Dichloroethane
Concen: 20.947 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.01 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Tgt Ion:	62	Resp:	123285
Ion	Ratio	Lower	Upper
62	100		
98	10.1	7.8	11.8





#37

Trichloroethene

Concen: 19.727 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

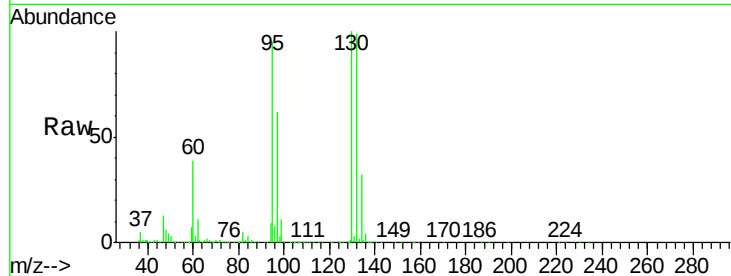
VX0213WBS01

Tgt Ion:130 Resp: 98087

Ion Ratio Lower Upper

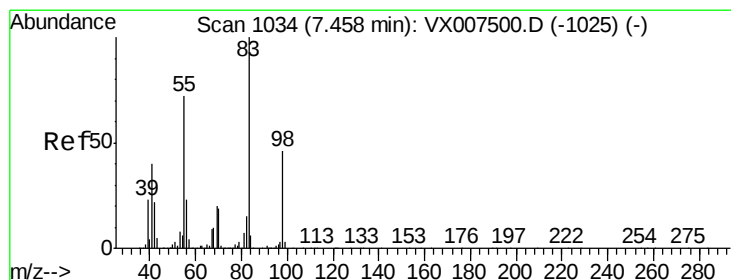
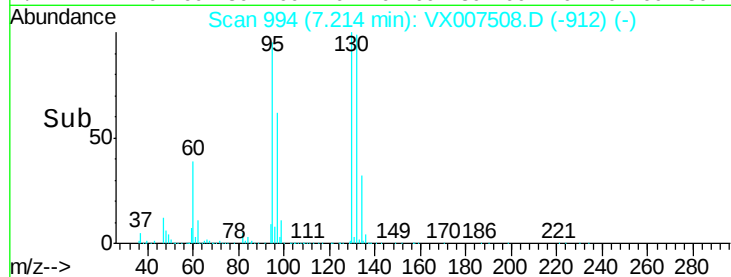
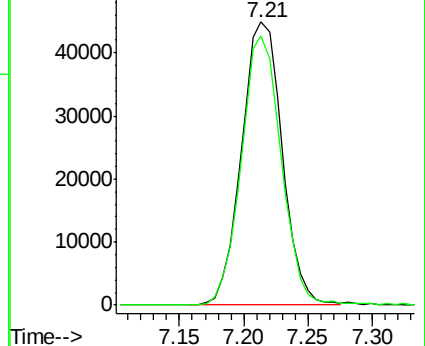
130 100

95 95.0 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 18.600 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

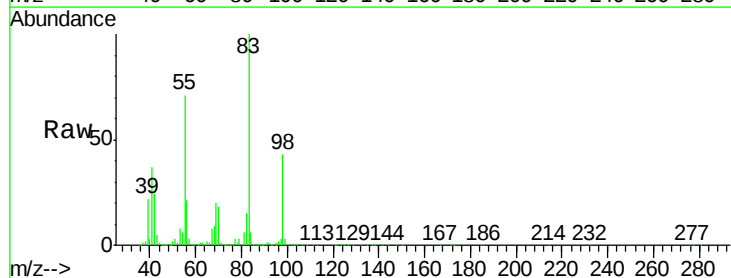
Tgt Ion: 83 Resp: 118120

Ion Ratio Lower Upper

83 100

55 71.1 36.0 108.0

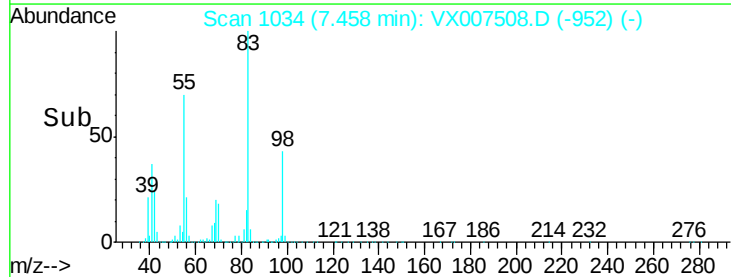
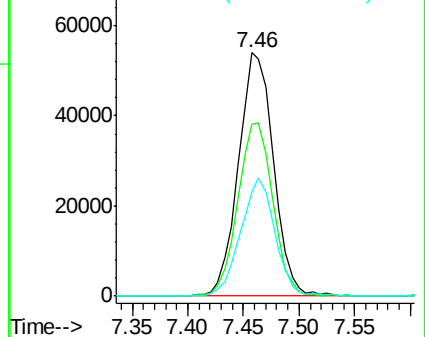
98 47.1 23.8 71.4

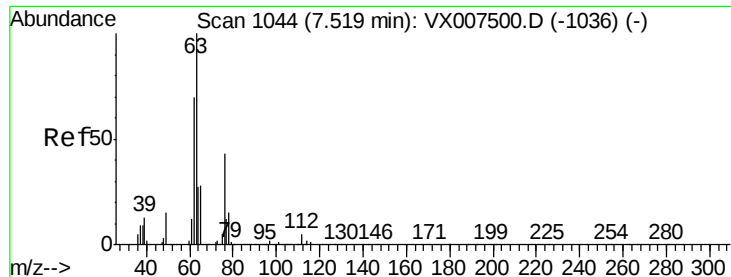


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

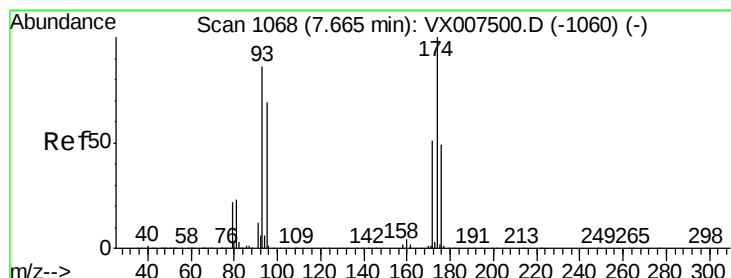
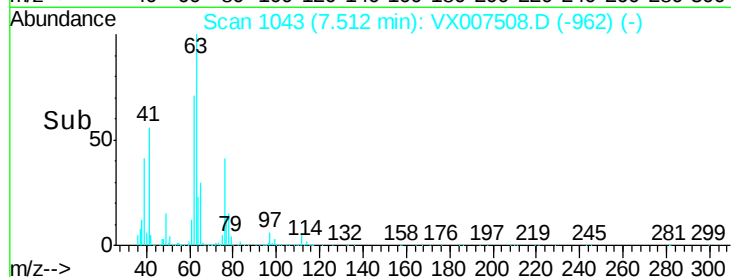
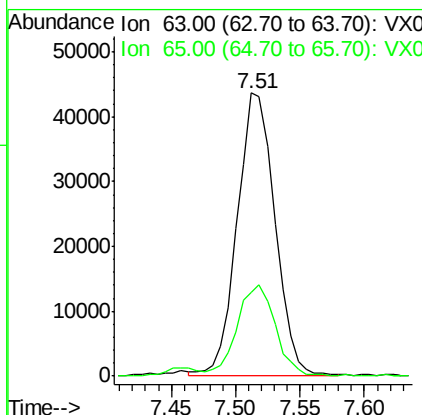
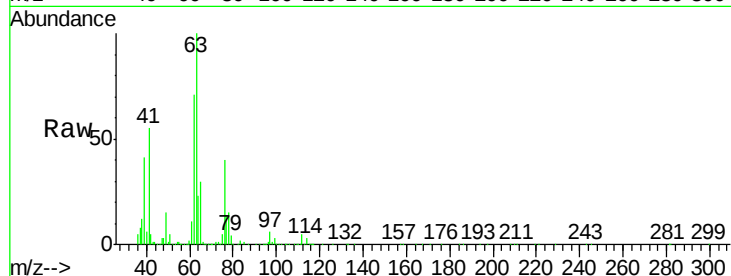




#39
 1,2-Dichloropropane
 Concen: 20.662 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

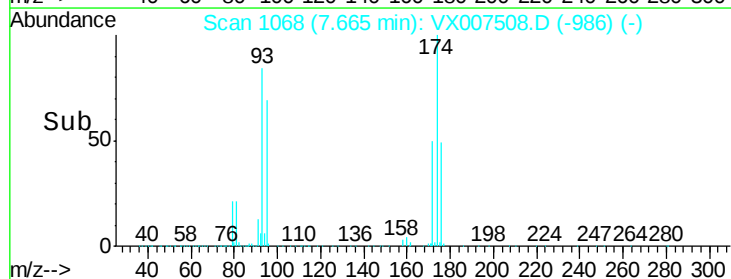
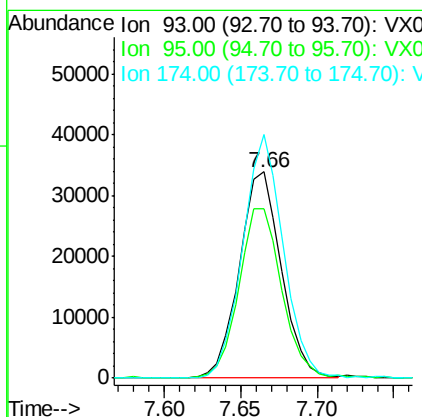
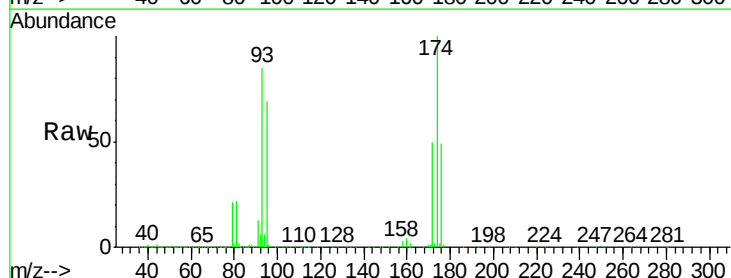
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0213WBS01

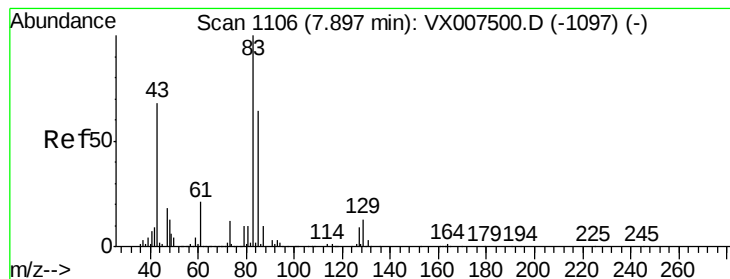
Tgt Ion: 63 Resp: 88881
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.6 37.0



#40
 Dibromomethane
 Concen: 20.790 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

Tgt Ion: 93 Resp: 64590
 Ion Ratio Lower Upper
 93 100
 95 83.9 0.0 158.8
 174 114.2 0.0 224.2





#41

Bromodichloromethane

Concen: 20.043 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBS01

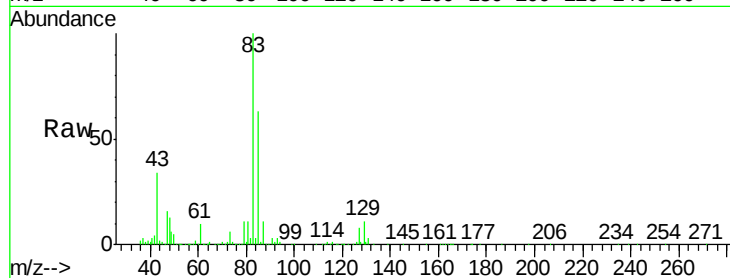
Tgt Ion: 83 Resp: 110505

Ion Ratio Lower Upper

83 100

85 62.9 51.1 76.7

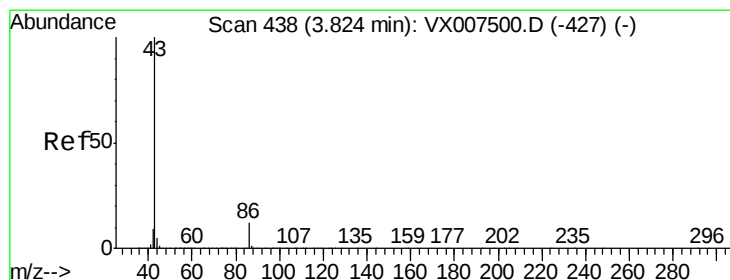
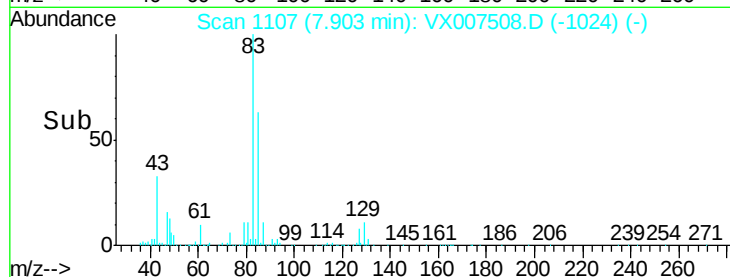
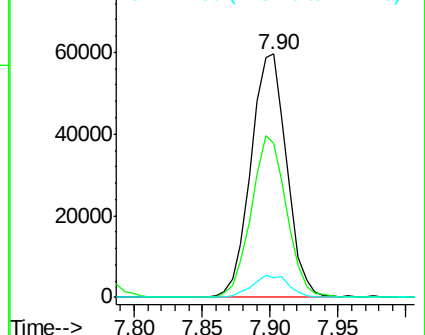
127 7.9 7.2 10.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 104.985 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007508.D

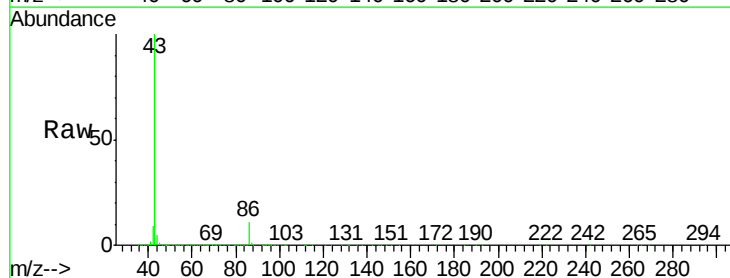
Acq: 13 Feb 2019 03:02

Tgt Ion: 43 Resp: 1193017

Ion Ratio Lower Upper

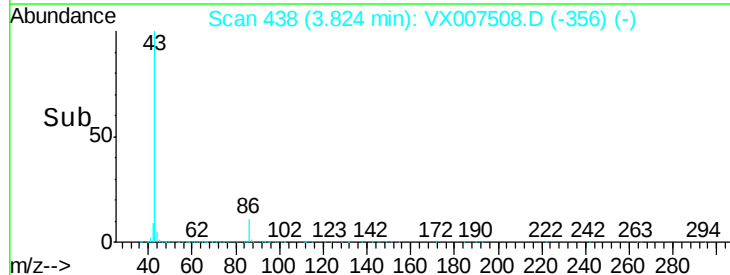
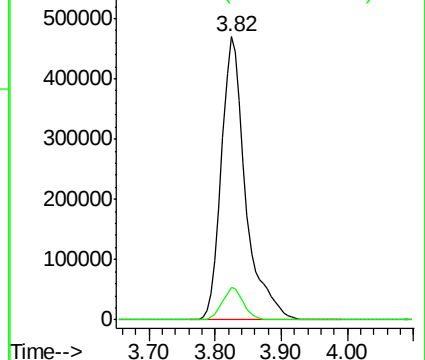
43 100

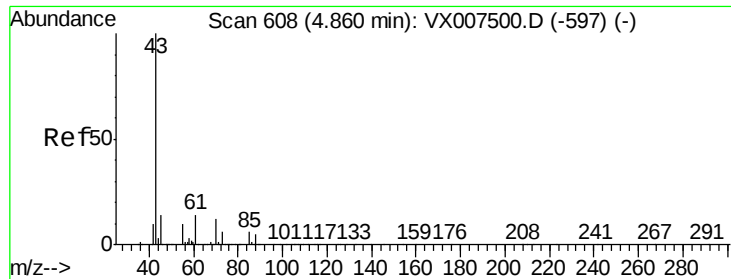
86 10.0 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

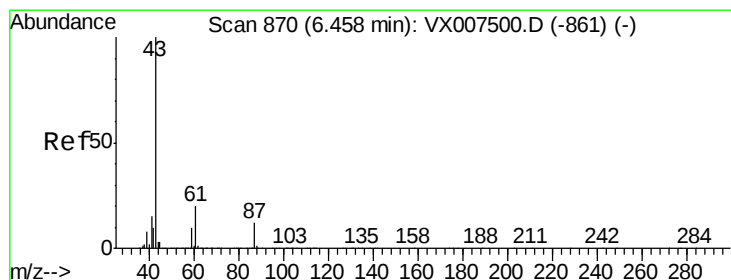
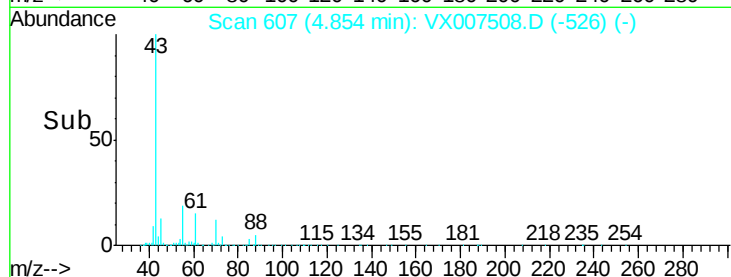
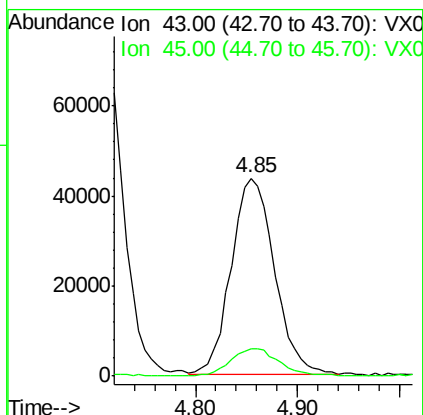
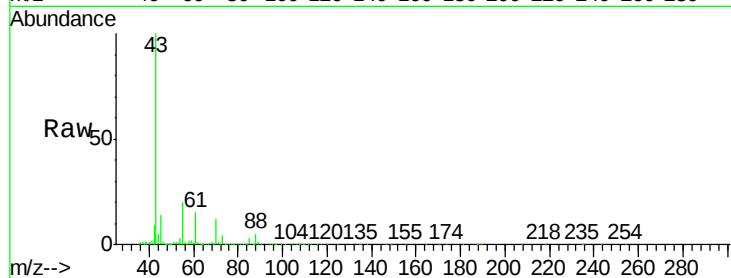




#43
Ethyl Acetate
Concen: 20.578 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

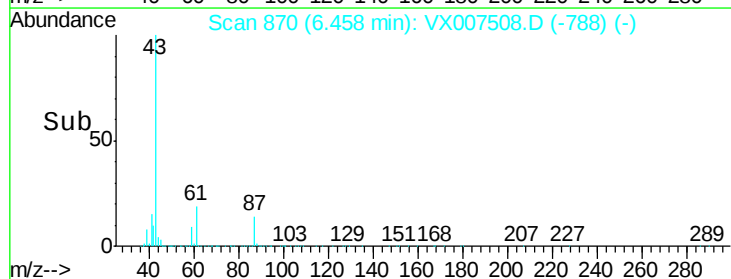
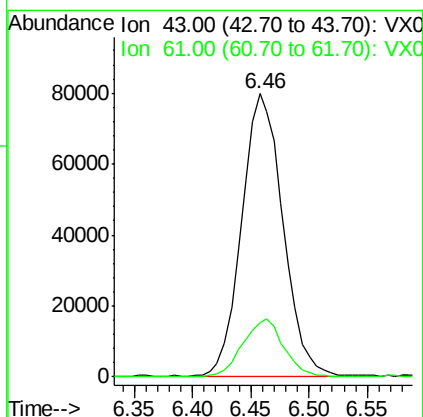
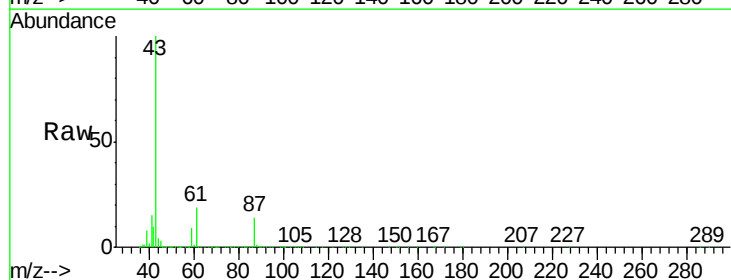
Instrument :
MSVOA_X
ClientSampleId :
VX0213WBS01

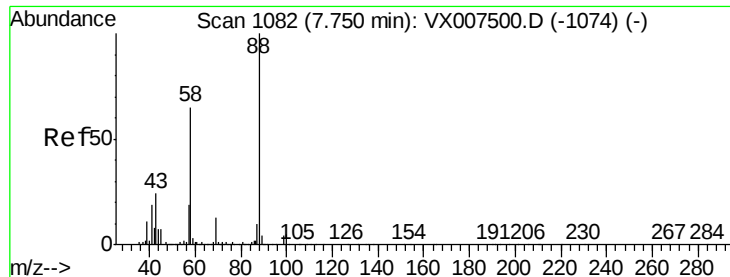
Tgt Ion: 43 Resp: 127938
Ion Ratio Lower Upper
43 100
45 15.2 6.9 10.3#



#44
Isopropyl Acetate
Concen: 20.521 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Tgt Ion: 43 Resp: 196990
Ion Ratio Lower Upper
43 100
61 20.3 16.1 24.1





#45

1,4-Dioxane

Concen: 399.565 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBS01

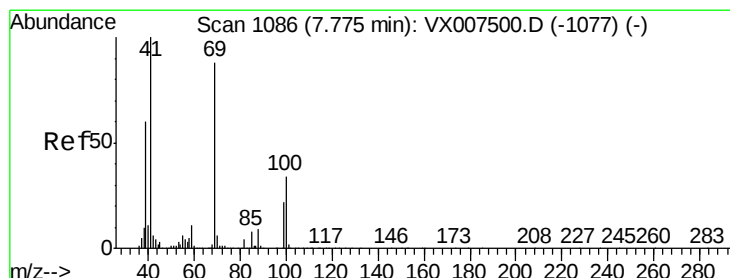
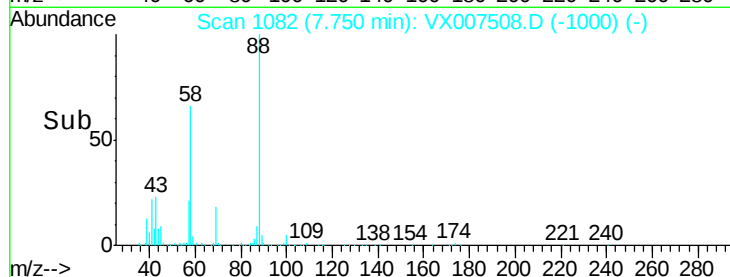
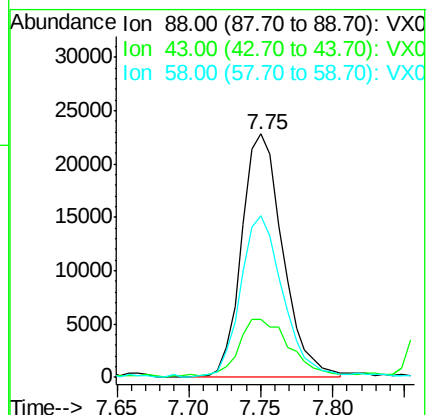
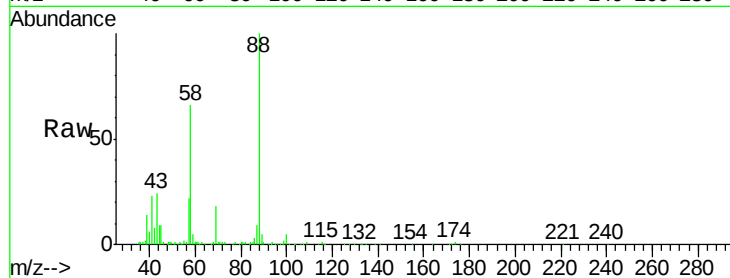
Tgt Ion: 88 Resp: 45266

Ion Ratio Lower Upper

88 100

43 27.8 23.6 35.4

58 67.1 51.6 77.4



#46

Methyl methacrylate

Concen: 20.985 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

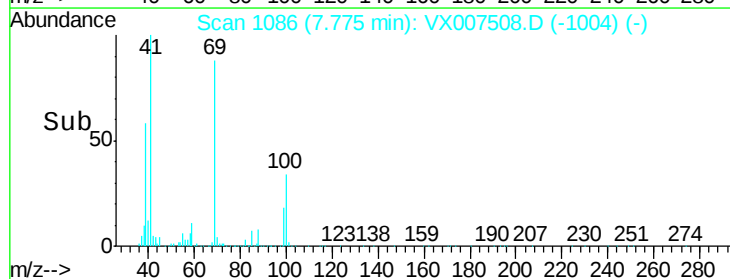
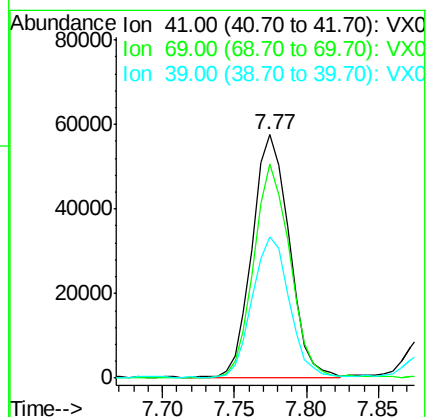
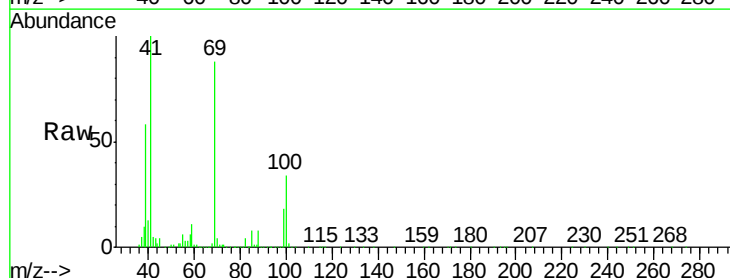
Tgt Ion: 41 Resp: 102006

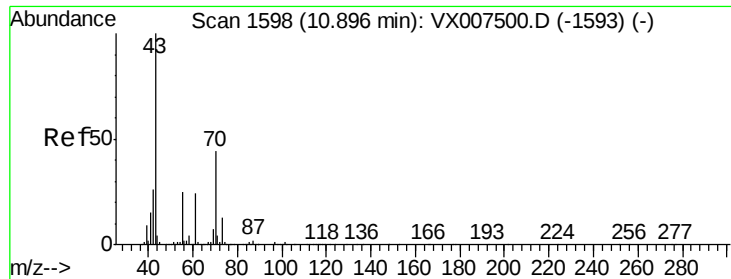
Ion Ratio Lower Upper

41 100

69 87.7 44.2 132.6

39 57.9 29.9 89.8





#47

n-amyl Acetate

Concen: 20.464 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

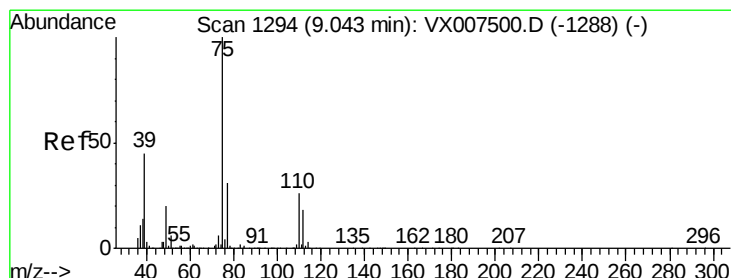
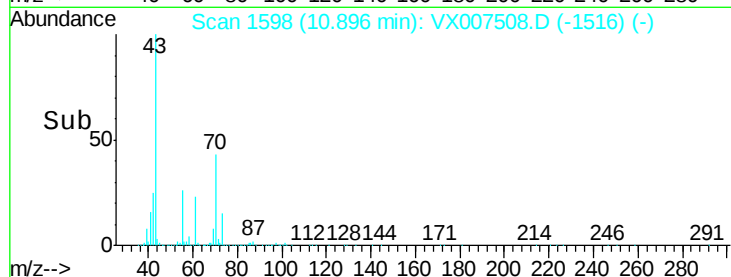
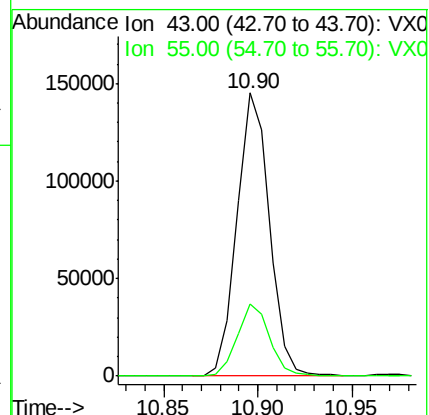
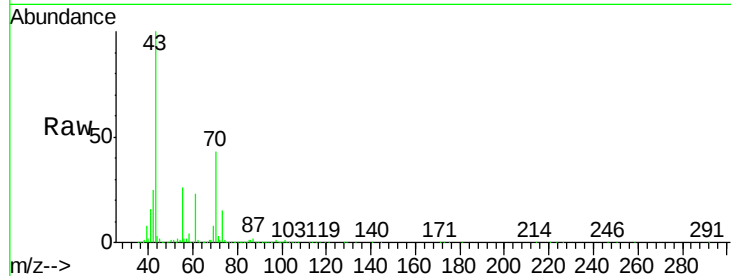
VX0213WBS01

Tgt Ion: 43 Resp: 173143

Ion Ratio Lower Upper

43 100

55 24.9 20.8 31.2



#48

t-1,3-Dichloropropene

Concen: 19.221 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007508.D

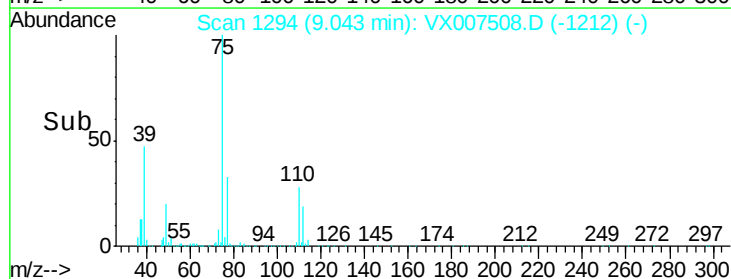
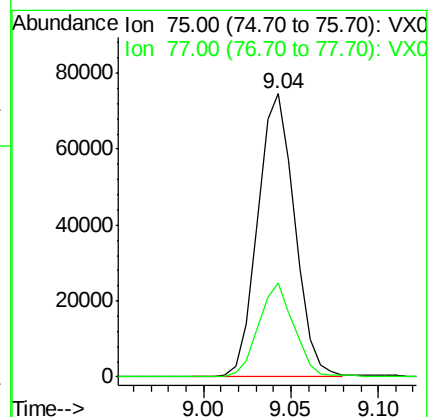
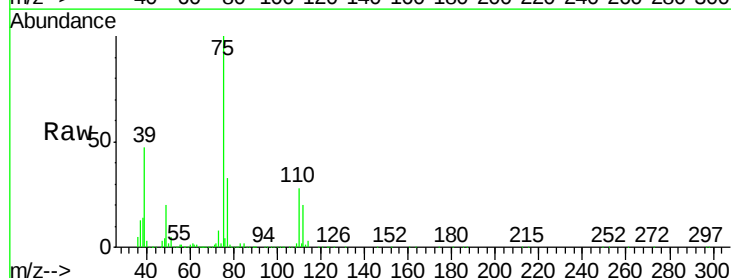
Acq: 13 Feb 2019 03:02

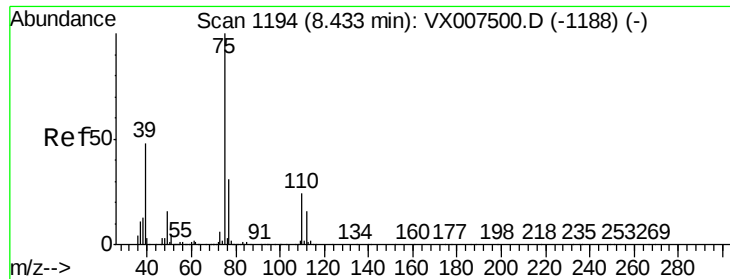
Tgt Ion: 75 Resp: 109401

Ion Ratio Lower Upper

75 100

77 33.3 24.5 36.7



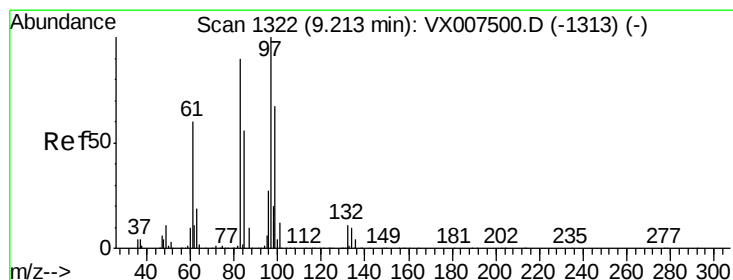
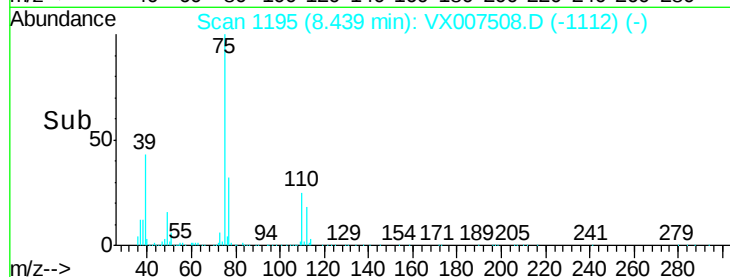
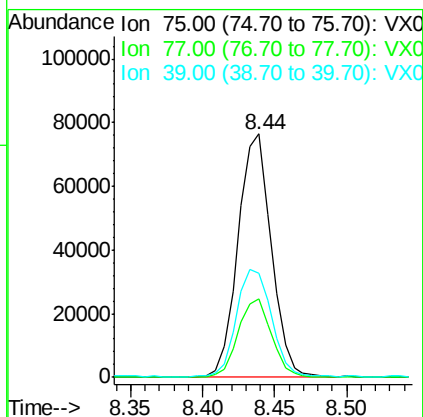
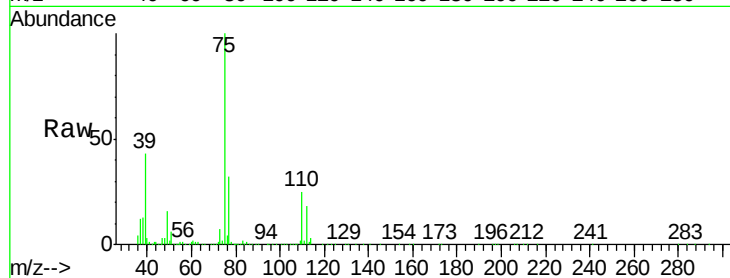


#49

cis-1,3-Dichloropropene
 Concen: 19.376 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0213WBS01

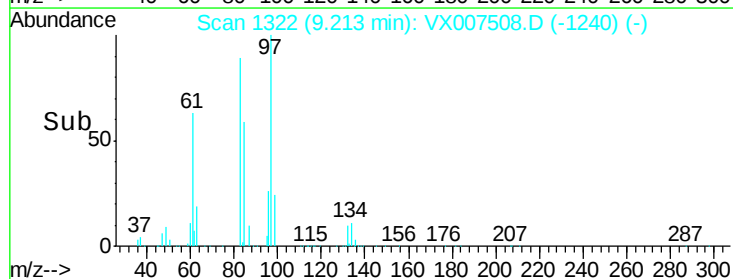
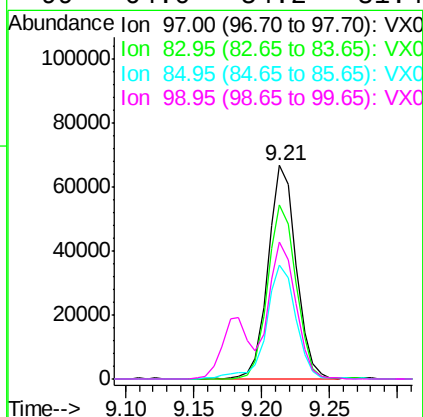
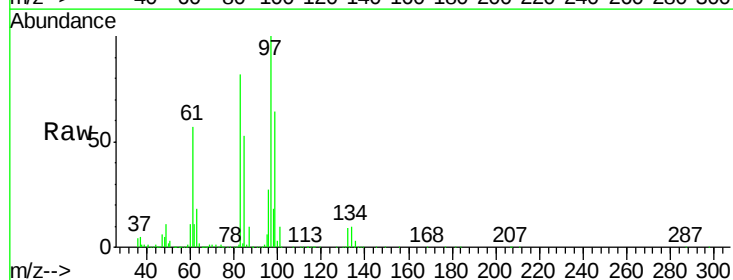
Tgt Ion:	75	Resp:	122804
Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.0	37.4
39	42.7	38.5	57.7

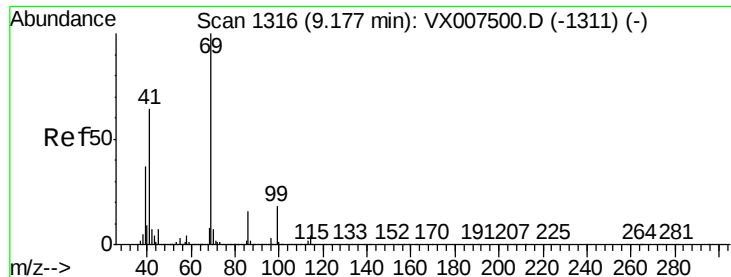


#50

1,1,2-Trichloroethane
 Concen: 21.396 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

Tgt Ion:	97	Resp:	96923
Ion	Ratio	Lower	Upper
97	100		
83	81.3	72.0	108.0
85	53.4	45.0	67.6
99	64.0	54.2	81.4





#51

Ethyl methacrylate

Concen: 20.713 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBS01

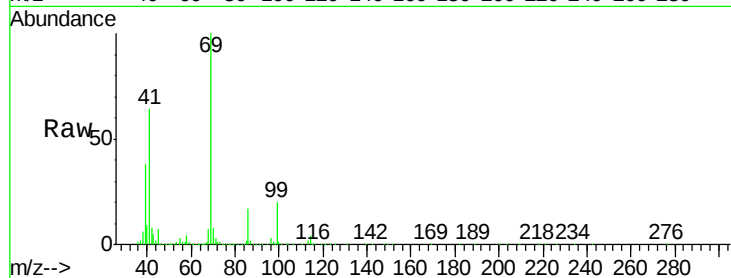
Tgt Ion: 69 Resp: 136031

Ion Ratio Lower Upper

69 100

41 63.5 32.1 96.5

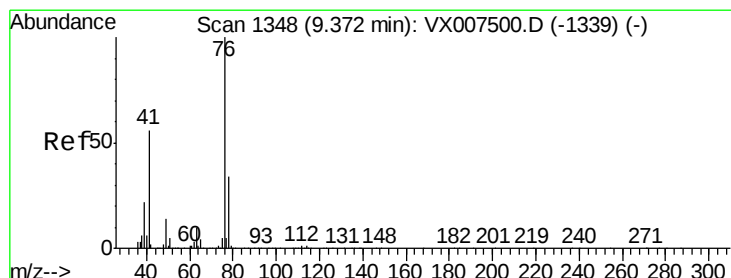
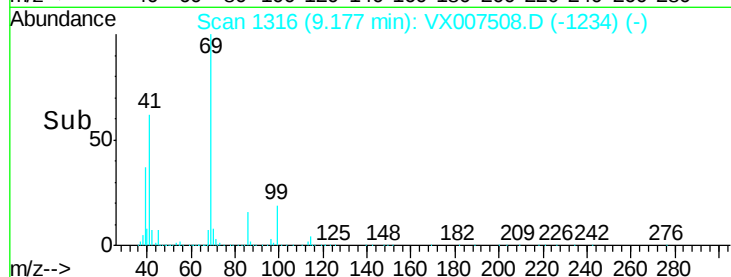
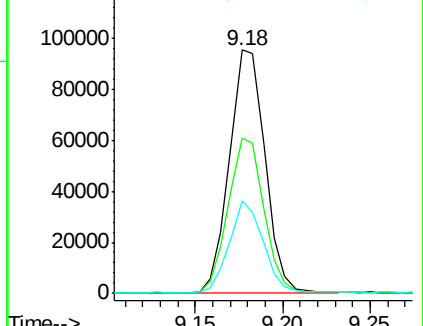
39 37.7 18.8 56.3



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



#52

1,3-Dichloropropane

Concen: 21.126 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007508.D

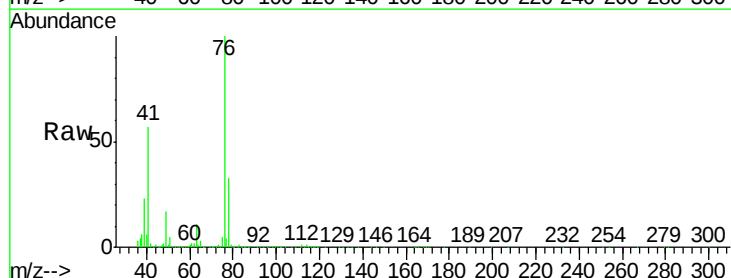
Acq: 13 Feb 2019 03:02

Tgt Ion: 76 Resp: 154365

Ion Ratio Lower Upper

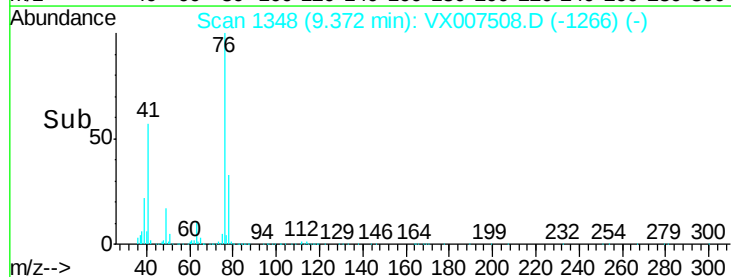
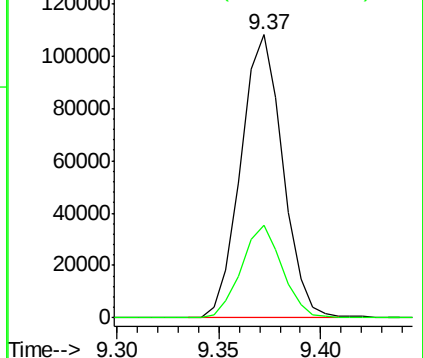
76 100

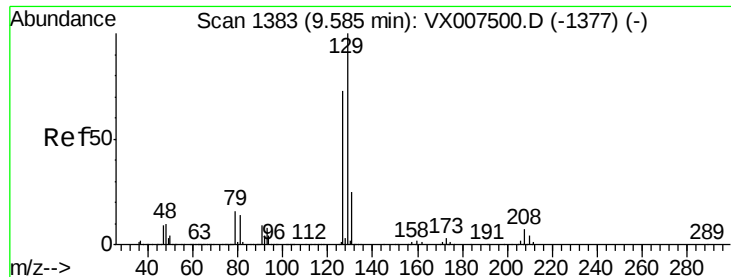
78 31.7 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 20.128 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

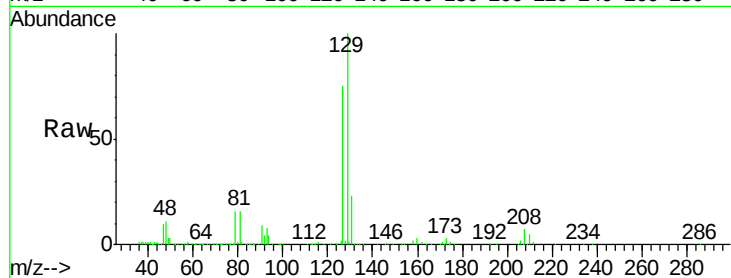
VX0213WBS01

Tgt Ion:129 Resp: 94836

Ion Ratio Lower Upper

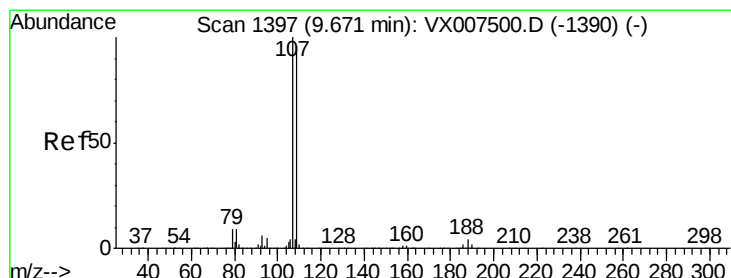
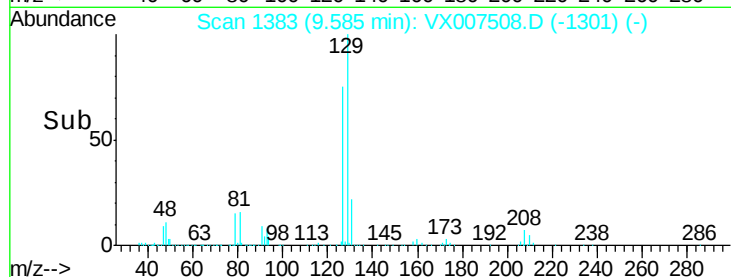
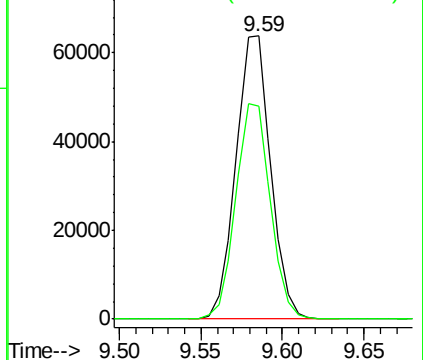
129 100

127 75.7 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.878 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007508.D

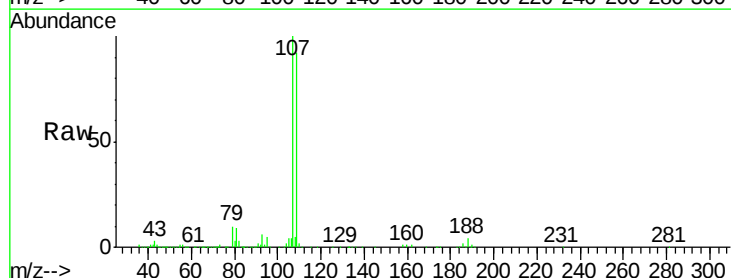
Acq: 13 Feb 2019 03:02

Tgt Ion:107 Resp: 103560

Ion Ratio Lower Upper

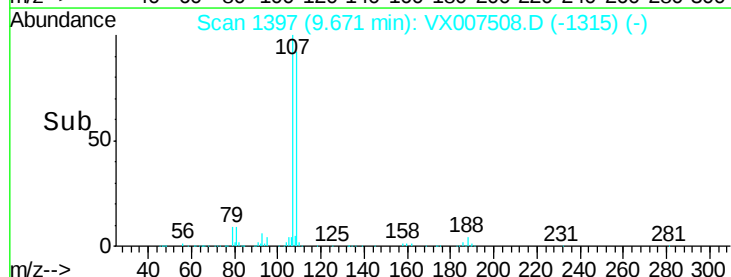
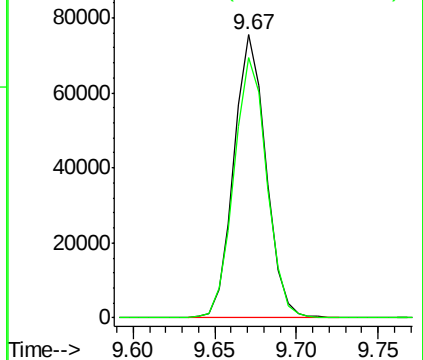
107 100

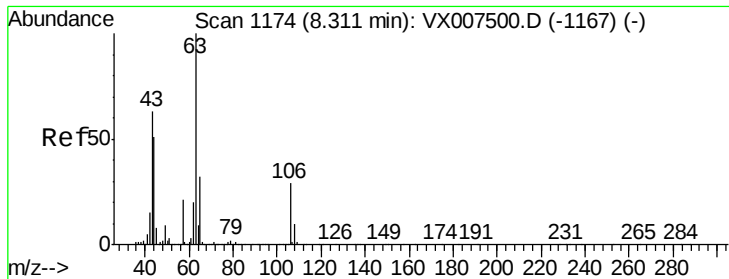
109 94.2 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

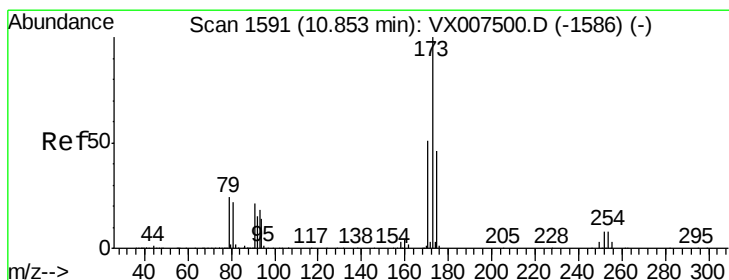
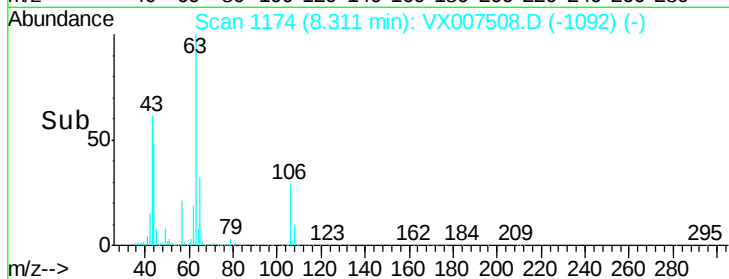
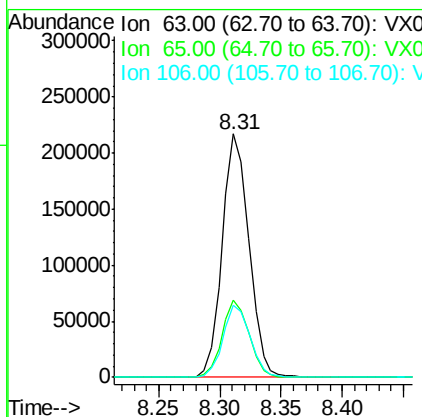
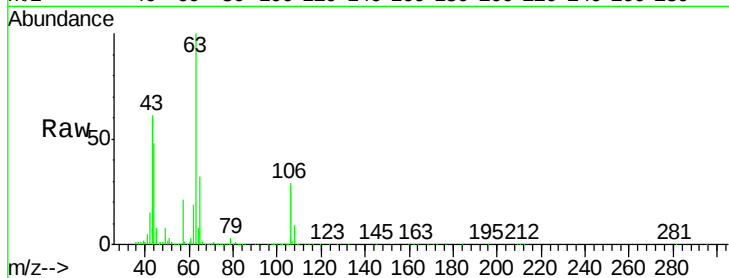




#55
 2-Chloroethyl vinyl ether
 Concen: 98.552 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

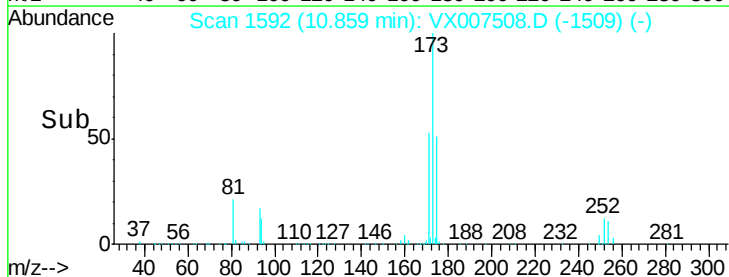
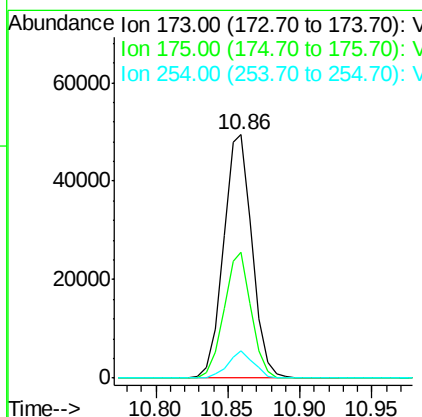
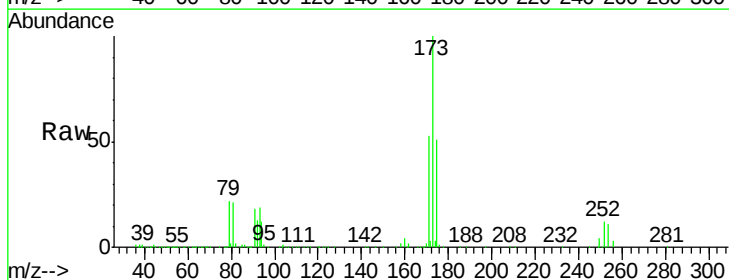
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0213WBS01

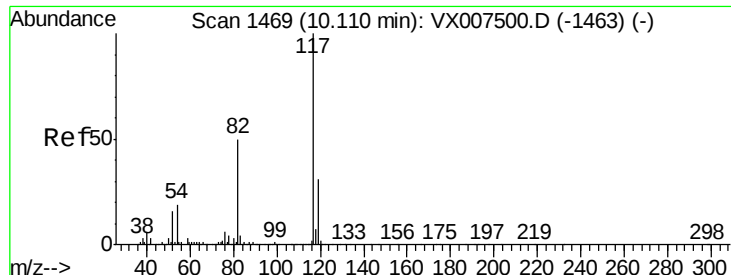
Tgt Ion: 63 Resp: 329052
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.7 38.5
 106 30.0 23.7 35.5



#56
 Bromoform
 Concen: 19.342 ug/l
 RT: 10.86 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

Tgt Ion: 173 Resp: 68739
 Ion Ratio Lower Upper
 173 100
 175 49.1 38.5 57.7
 254 10.1 7.4 11.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBS01

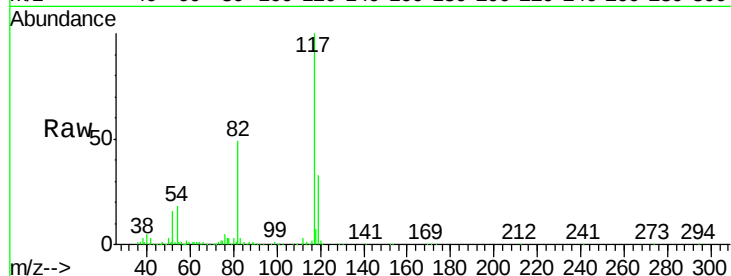
Tgt Ion:117 Resp: 349349

Ion Ratio Lower Upper

117 100

82 50.9 40.4 60.6

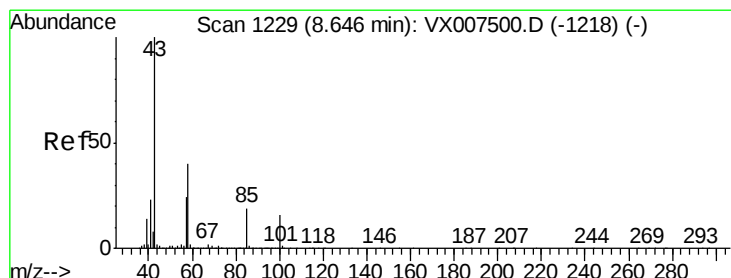
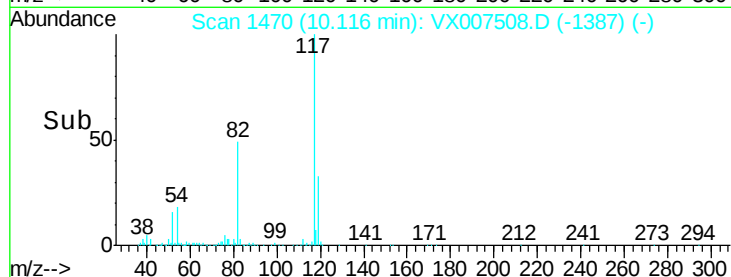
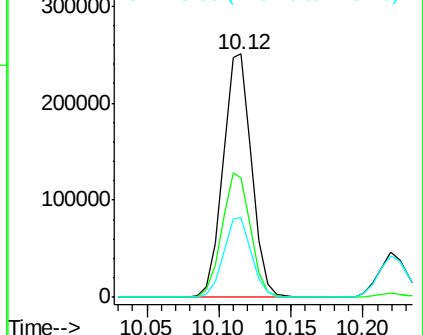
119 32.2 25.8 38.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V



#58

4-Methyl-2-Pentanone

Concen: 107.042 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

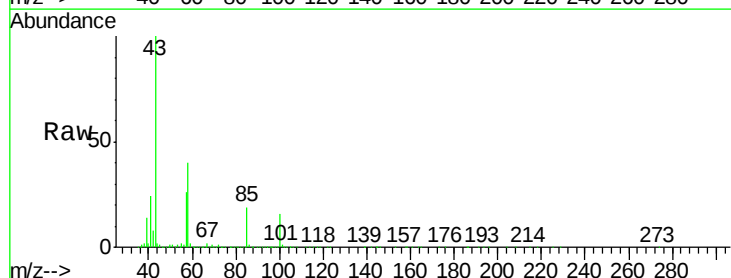
Tgt Ion: 43 Resp: 672630

Ion Ratio Lower Upper

43 100

58 39.4 31.4 47.0

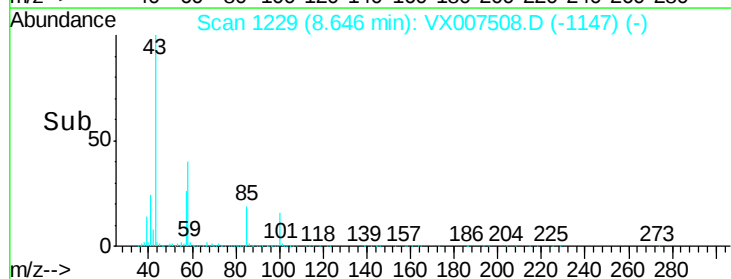
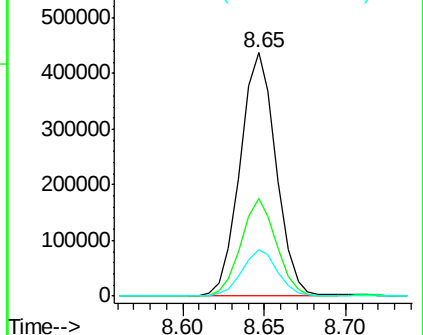
85 18.8 15.0 22.6

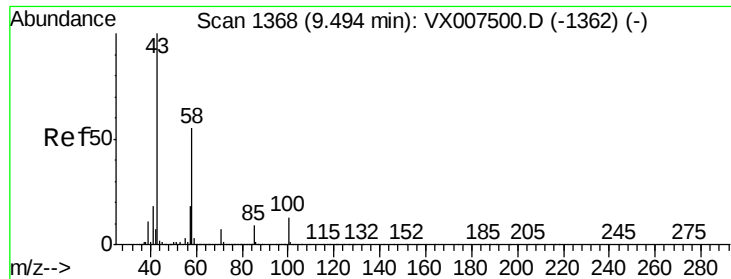


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

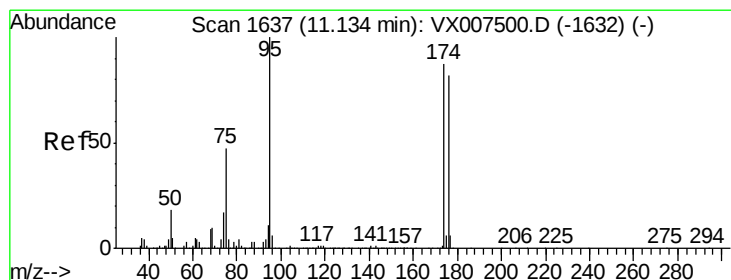
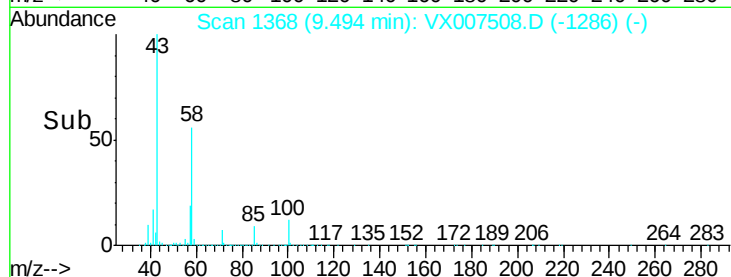
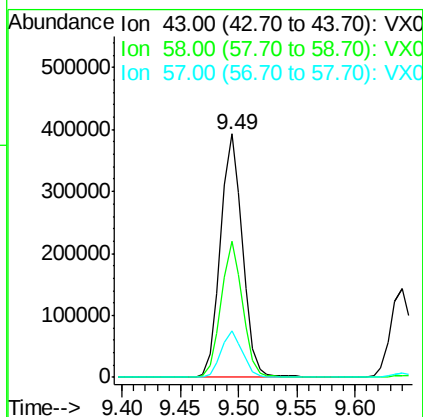
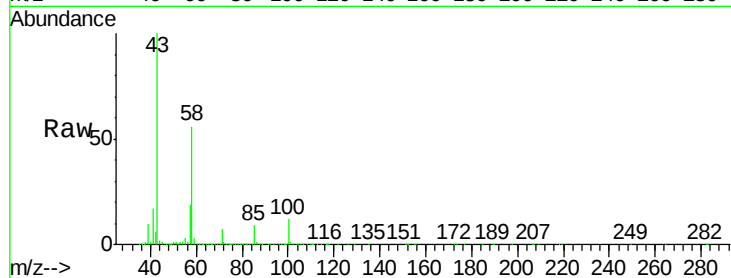




#59
2-Hexanone
Concen: 107.406 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

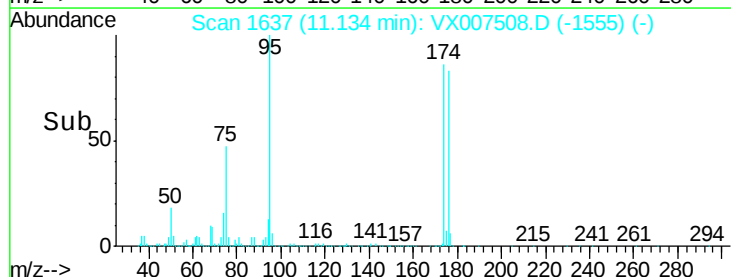
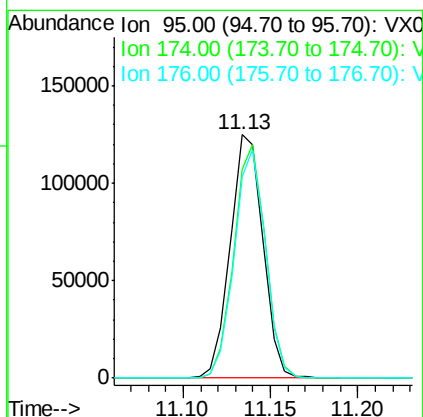
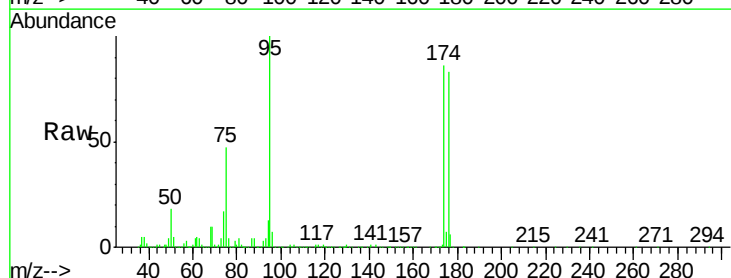
Instrument :
MSVOA_X
ClientSampleId :
VX0213WBS01

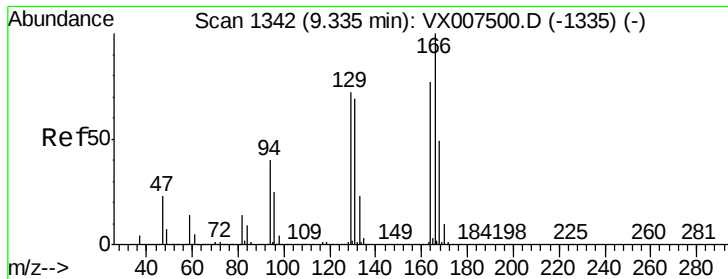
Tgt Ion	Ratio	Lower	Upper
43	100		
58	54.4	43.9	65.9
57	18.5	14.9	22.3



#60
4-Bromofluorobenzene
Concen: 30.192 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.8	74.9	112.3
176	89.9	70.7	106.1

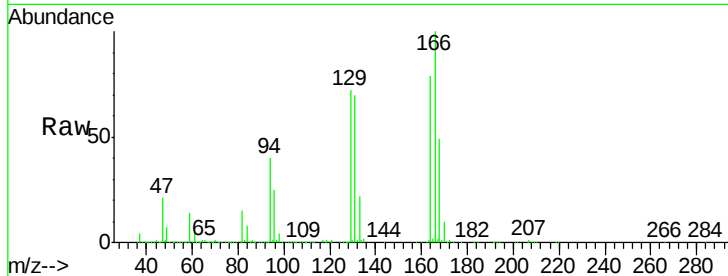




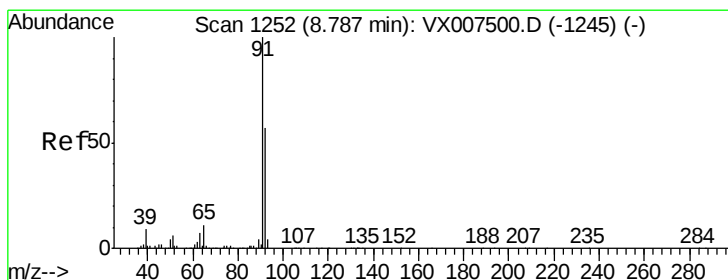
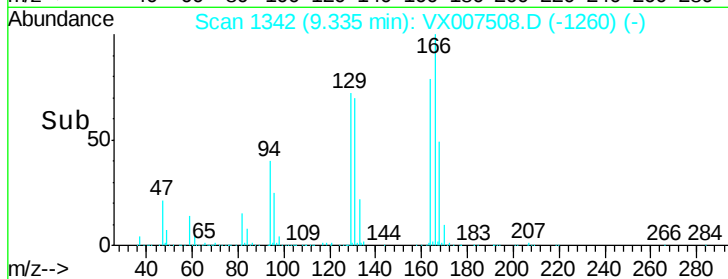
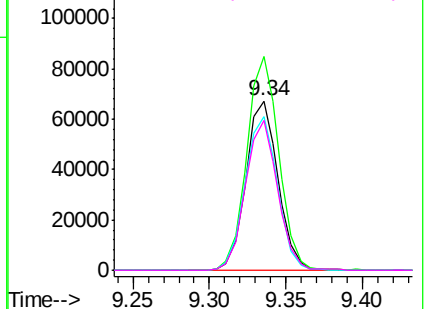
#61
Tetrachloroethene
Concen: 19.690 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Instrument :
MSVOA_X
ClientSampleId :
VX0213WBS01

Tgt Ion:164 Resp: 97647
Ion Ratio Lower Upper
164 100
166 126.3 103.9 155.9
129 90.6 74.7 112.1
131 88.3 71.7 107.5

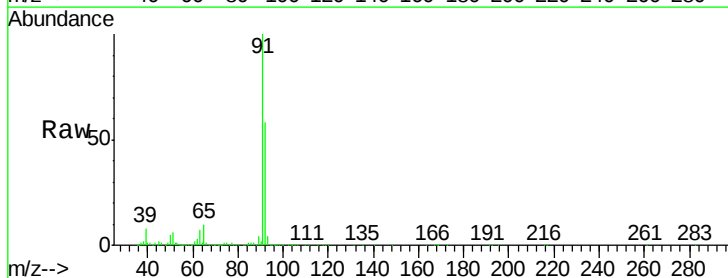


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

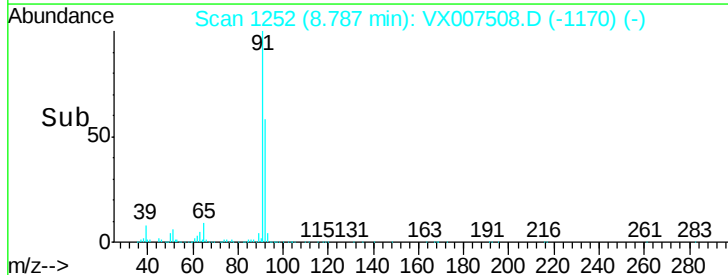
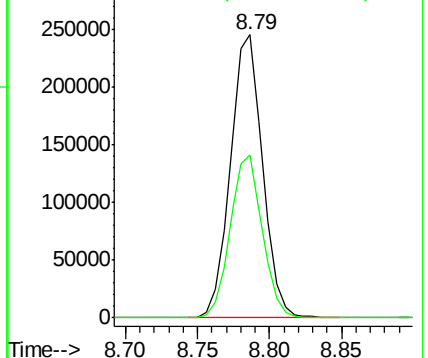


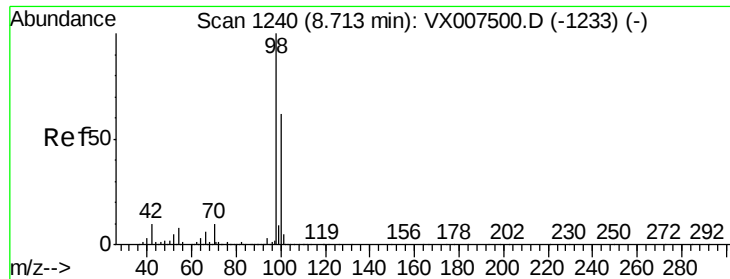
#62
Toluene
Concen: 20.076 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Tgt Ion: 91 Resp: 381976
Ion Ratio Lower Upper
91 100
92 57.4 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.825 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

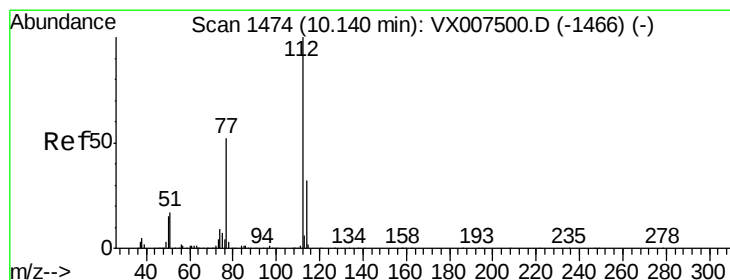
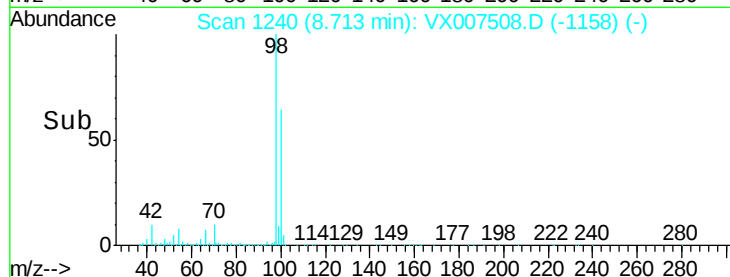
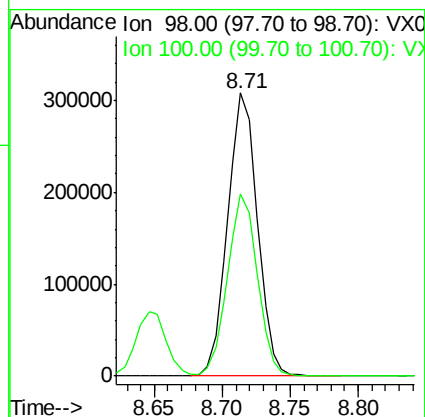
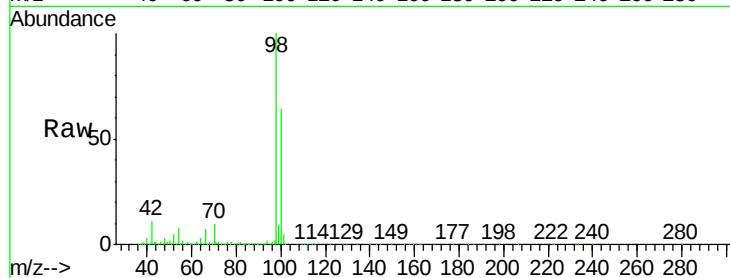
VX0213WBS01

Tgt Ion: 98 Resp: 470934

Ion Ratio Lower Upper

98 100

100 64.5 50.9 76.3



#64

Chlorobenzene

Concen: 20.385 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007508.D

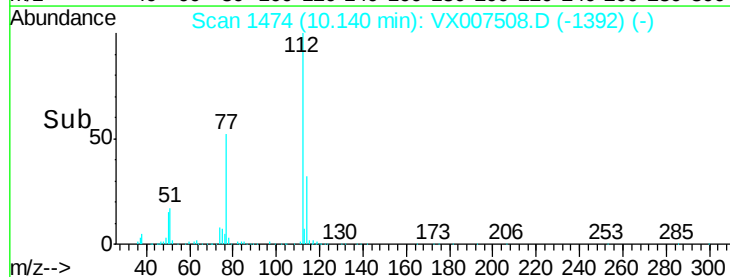
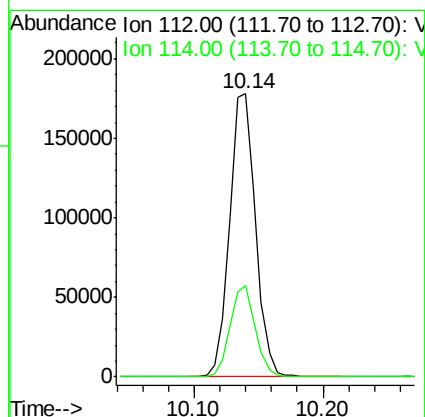
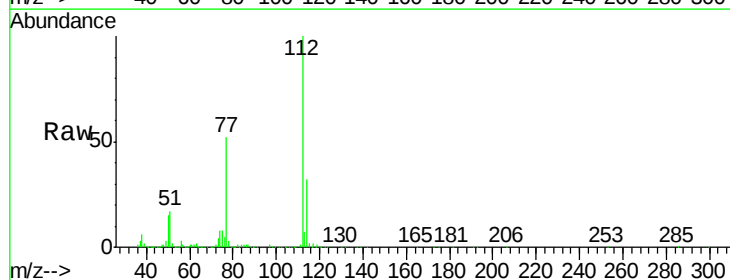
Acq: 13 Feb 2019 03:02

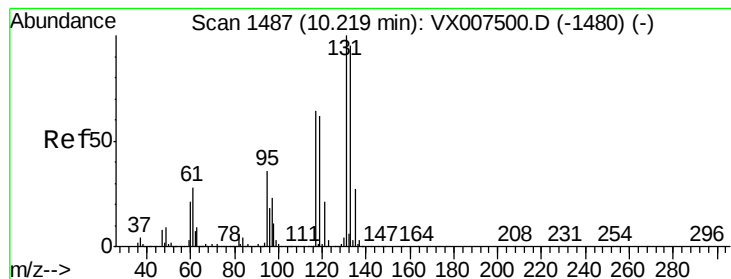
Tgt Ion: 112 Resp: 252040

Ion Ratio Lower Upper

112 100

114 32.3 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 19.921 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBS01

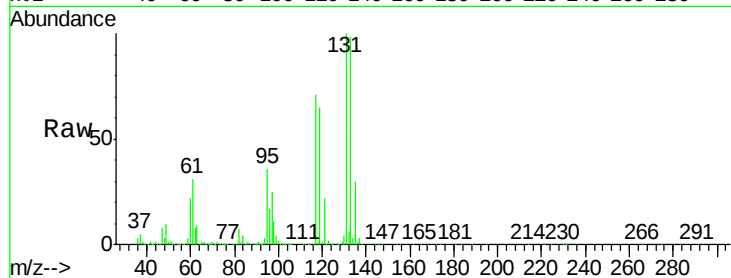
Tgt Ion: 131 Resp: 89216

Ion Ratio Lower Upper

131 100

133 97.5 0.0 191.6

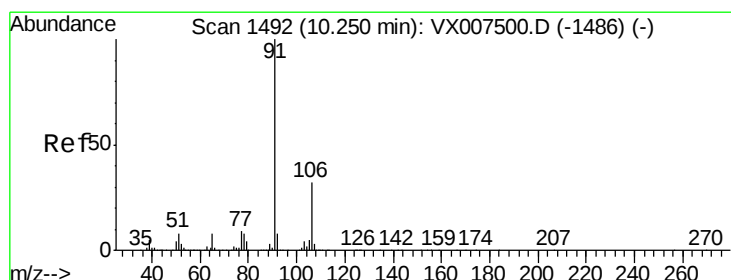
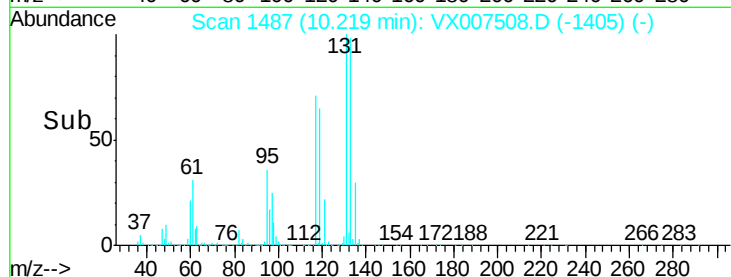
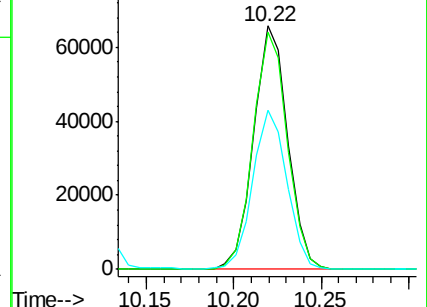
119 65.9 0.0 127.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.425 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007508.D

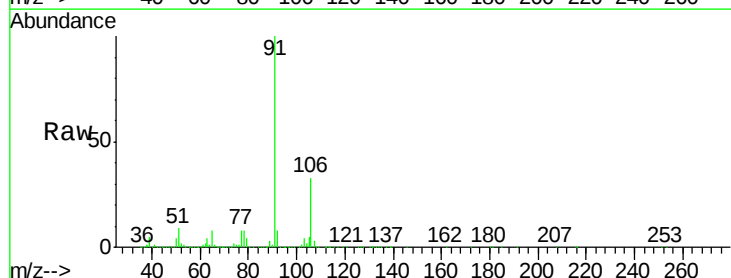
Acq: 13 Feb 2019 03:02

Tgt Ion: 91 Resp: 392180

Ion Ratio Lower Upper

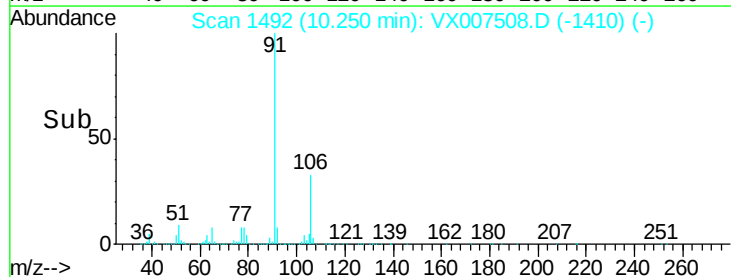
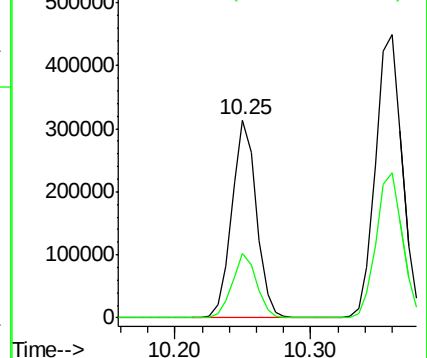
91 100

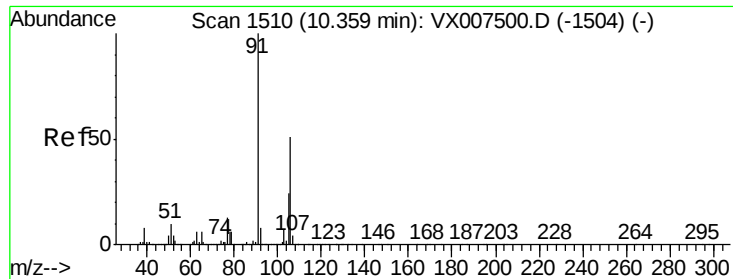
106 32.5 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

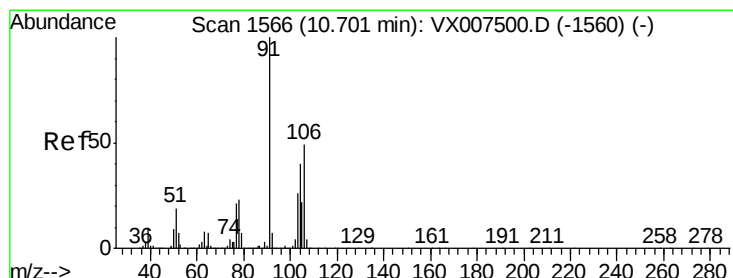
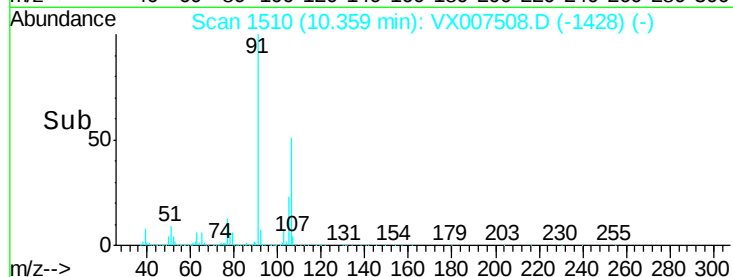
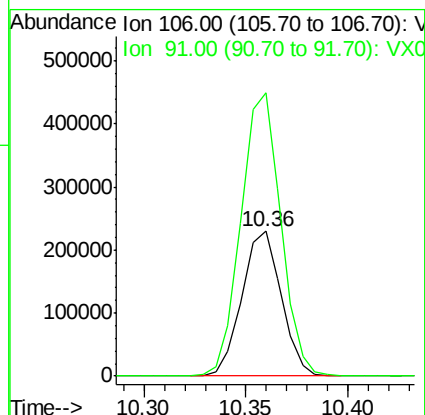
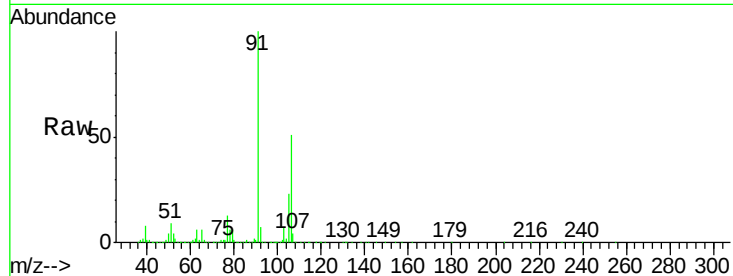




#67
m/p-Xylenes
Concen: 38.986 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

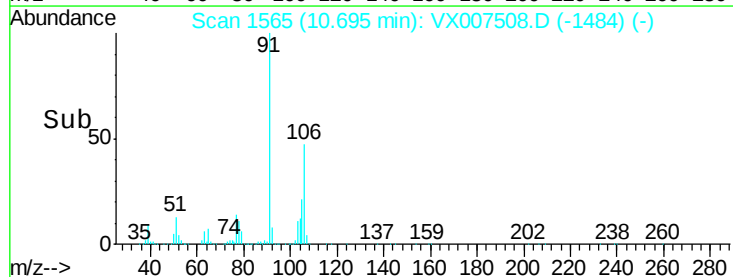
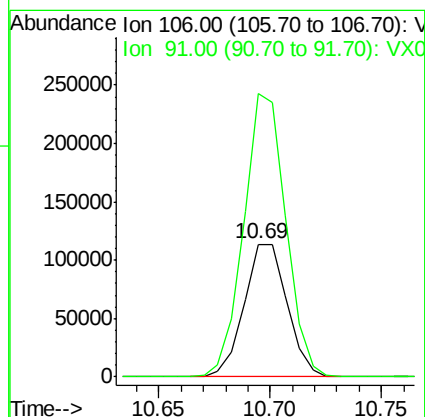
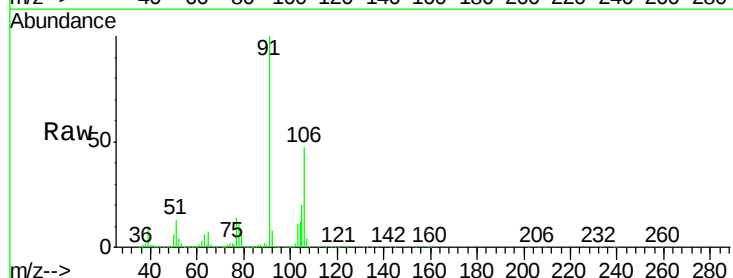
Instrument :
MSVOA_X
ClientSampleId :
VX0213WBS01

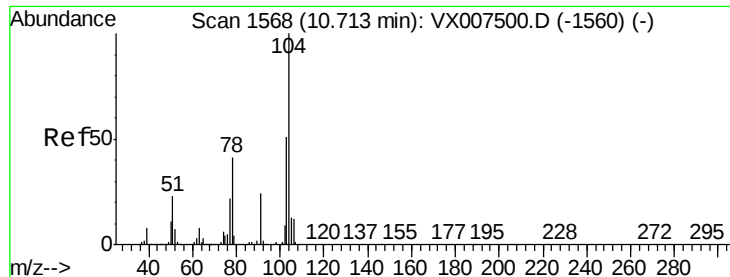
Tgt Ion:106 Resp: 308731
Ion Ratio Lower Upper
106 100
91 197.3 157.0 235.4



#68
o-Xylene
Concen: 19.733 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Tgt Ion:106 Resp: 152405
Ion Ratio Lower Upper
106 100
91 210.2 104.4 313.2





#69

Styrene

Concen: 19.881 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampled :

VX0213WBS01

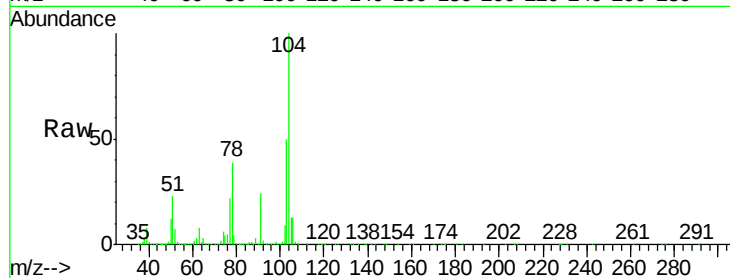
Tgt Ion:104 Resp: 247793

Ion Ratio Lower Upper

104 100

78 47.2 38.2 57.2

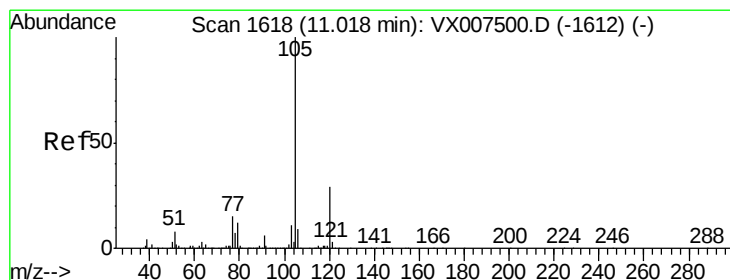
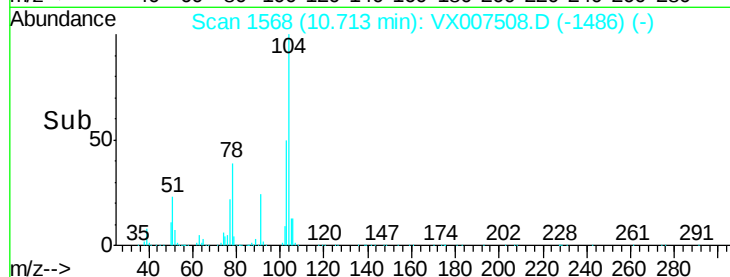
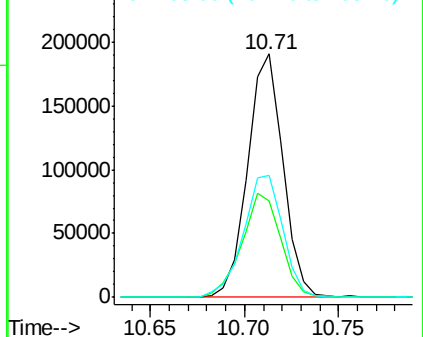
103 56.3 45.0 67.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 19.407 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007508.D

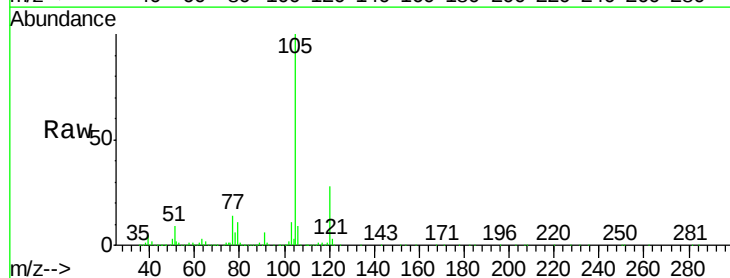
Acq: 13 Feb 2019 03:02

Tgt Ion:105 Resp: 395445

Ion Ratio Lower Upper

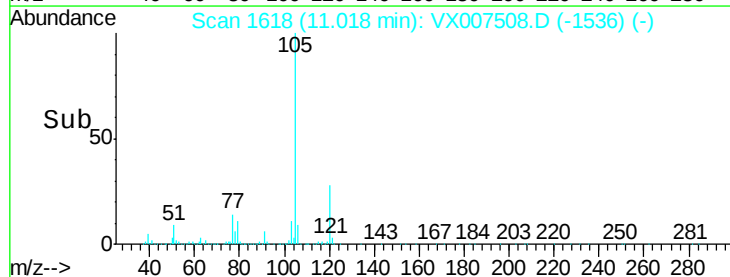
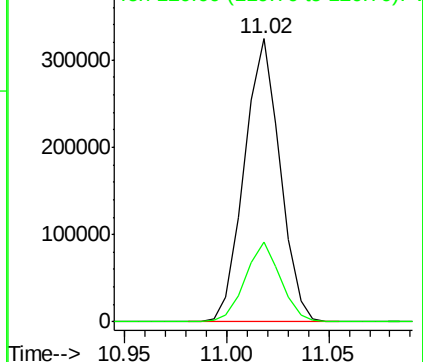
105 100

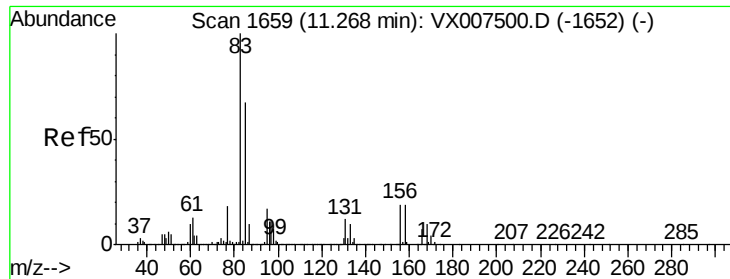
120 27.8 19.8 36.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

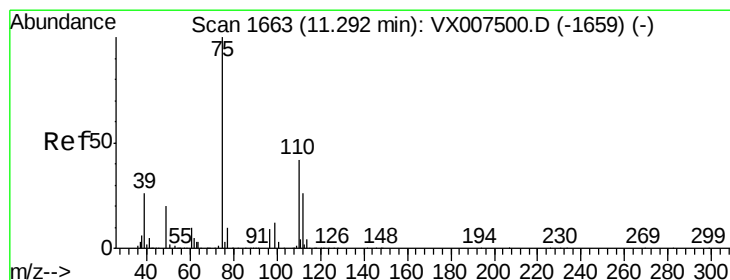
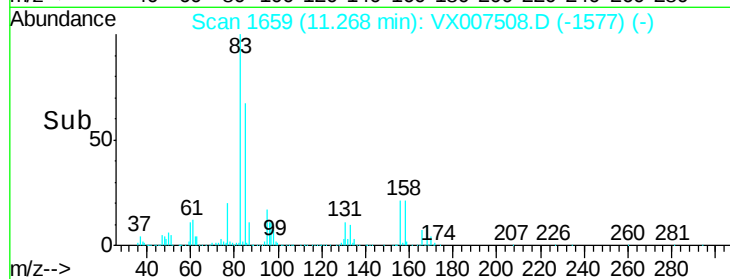
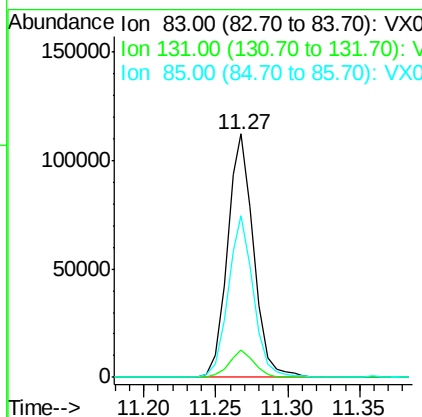
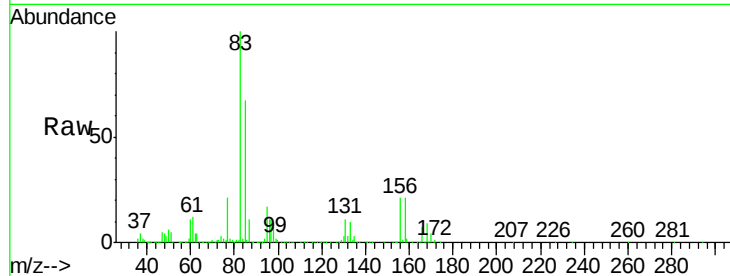




#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.266 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

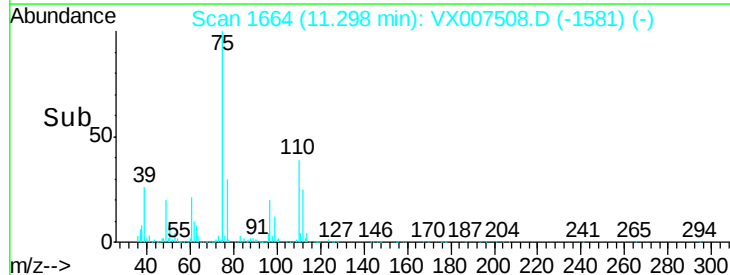
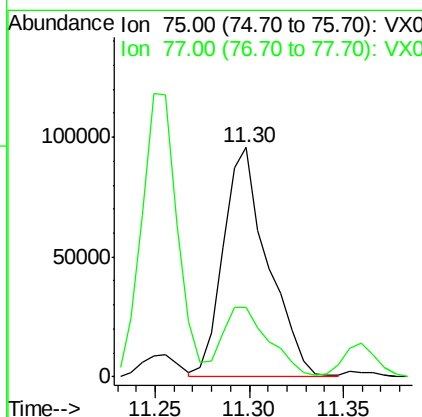
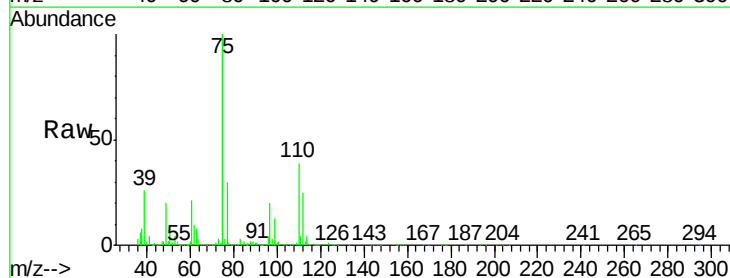
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0213WBS01

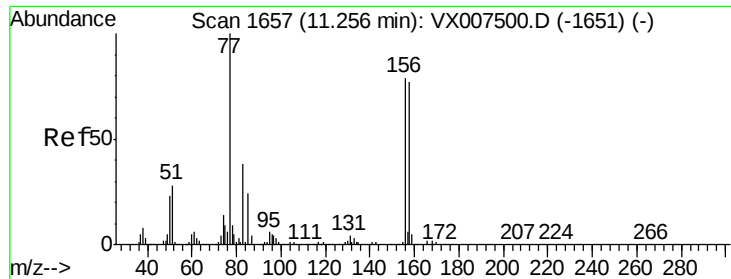
Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.4	16.2
85	64.5	32.8	98.4



#72
 1,2,3-Trichloropropane
 Concen: 25.524 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	0.0	76.4





#73

Bromobenzene

Concen: 20.354 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBS01

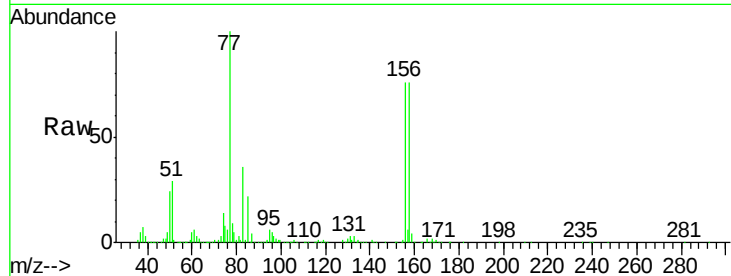
Tgt Ion:156 Resp: 113231

Ion Ratio Lower Upper

156 100

77 137.0 0.0 271.4

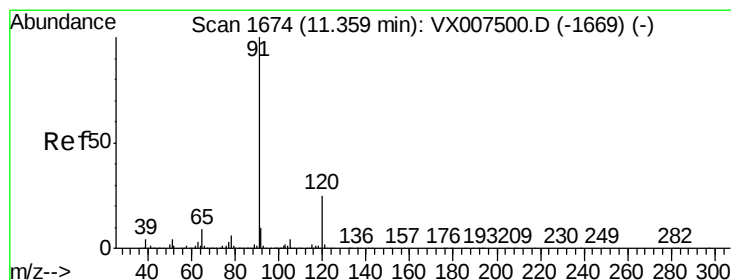
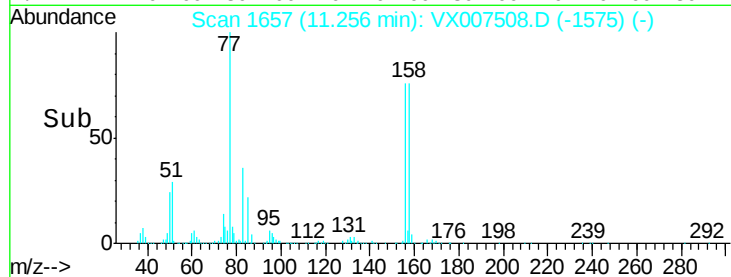
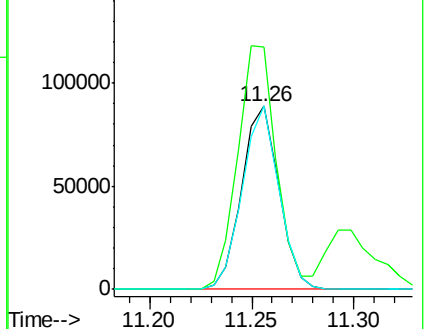
158 98.1 0.0 194.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.083 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007508.D

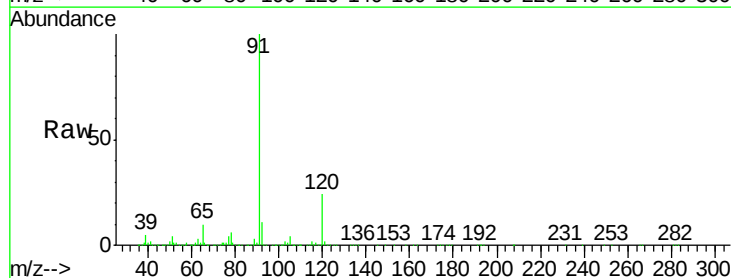
Acq: 13 Feb 2019 03:02

Tgt Ion: 91 Resp: 431731

Ion Ratio Lower Upper

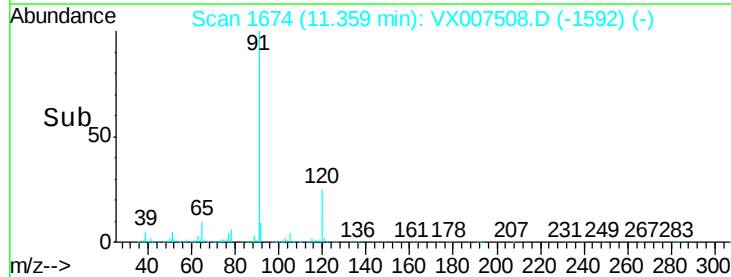
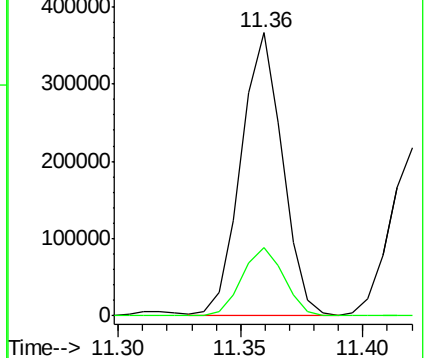
91 100

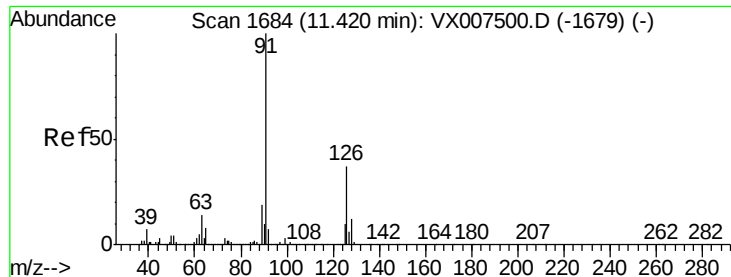
120 24.6 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.605 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

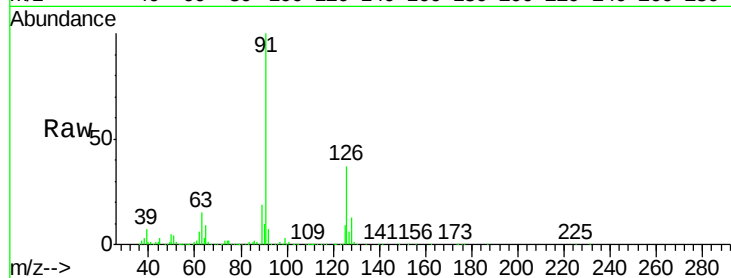
VX0213WBS01

Tgt Ion: 91 Resp: 265207

Ion Ratio Lower Upper

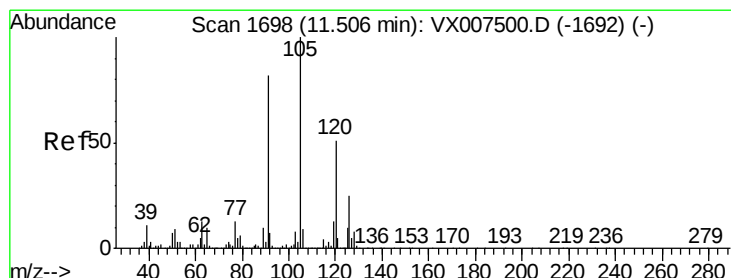
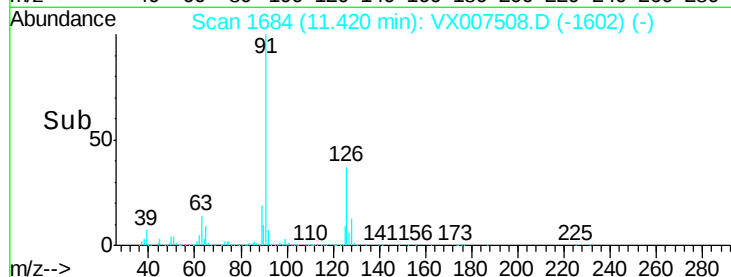
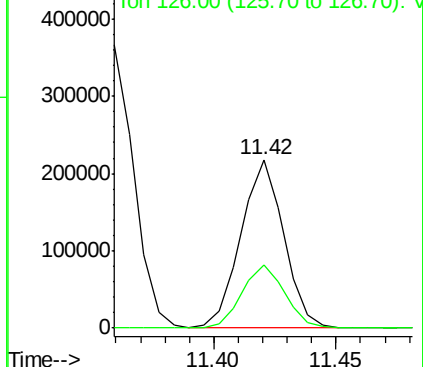
91 100

126 38.1 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.507 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007508.D

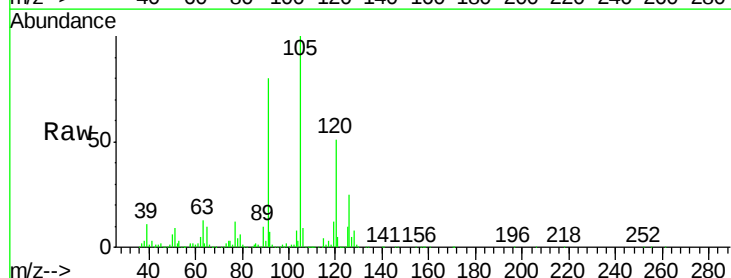
Acq: 13 Feb 2019 03:02

Tgt Ion: 105 Resp: 324459

Ion Ratio Lower Upper

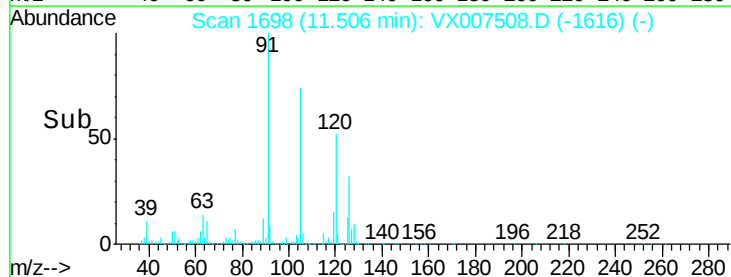
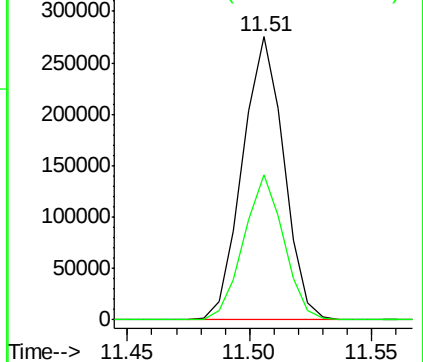
105 100

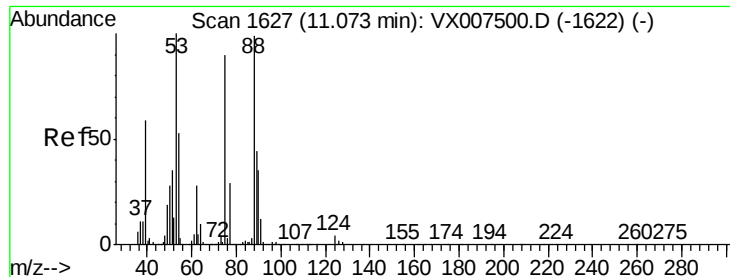
120 49.7 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 18.522 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBS01

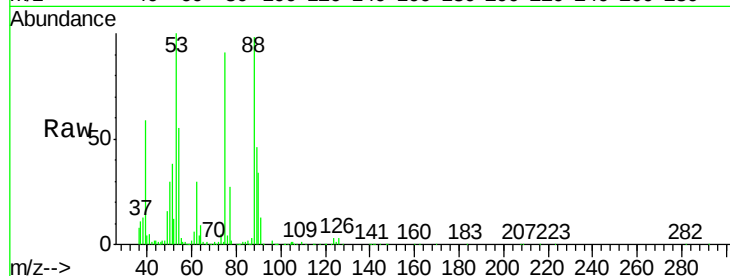
Tgt Ion: 75 Resp: 32927

Ion Ratio Lower Upper

75 100

53 109.1 55.5 166.7

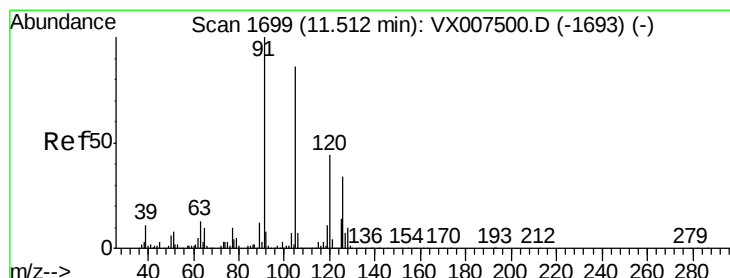
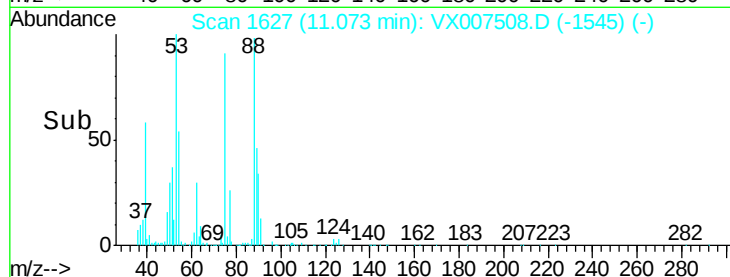
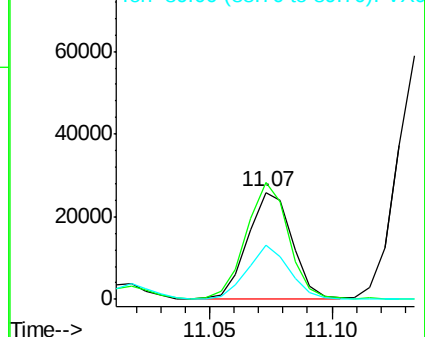
89 50.3 24.4 73.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.338 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007508.D

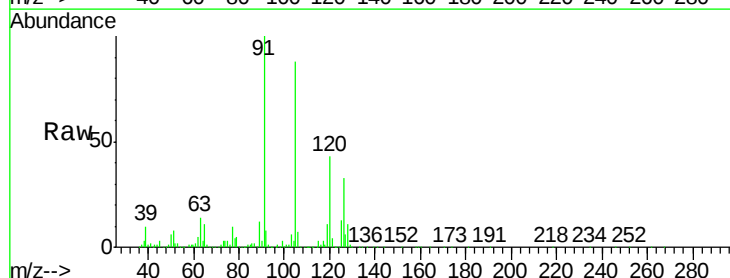
Acq: 13 Feb 2019 03:02

Tgt Ion: 91 Resp: 298599

Ion Ratio Lower Upper

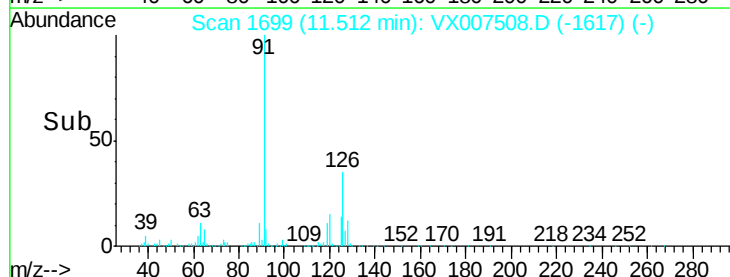
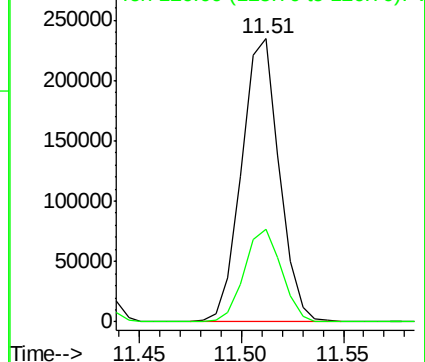
91 100

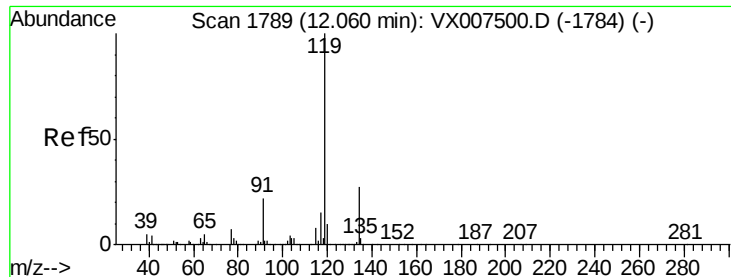
126 32.7 0.0 66.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 18.980 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBS01

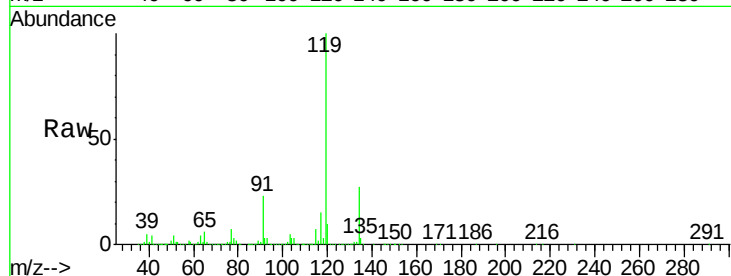
Tgt Ion:119 Resp: 335212

Ion Ratio Lower Upper

119 100

91 22.6 0.0 45.0

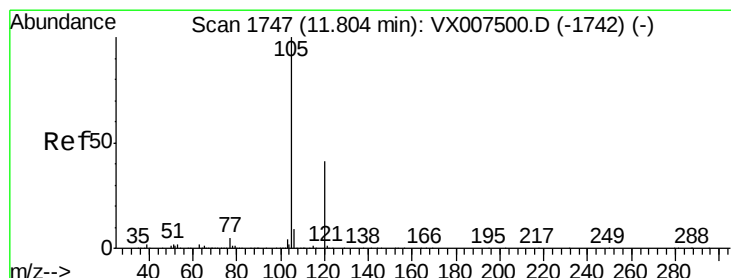
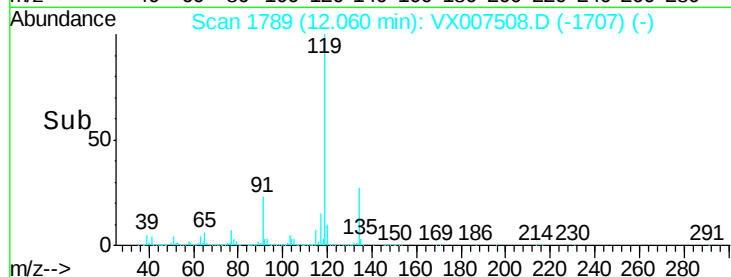
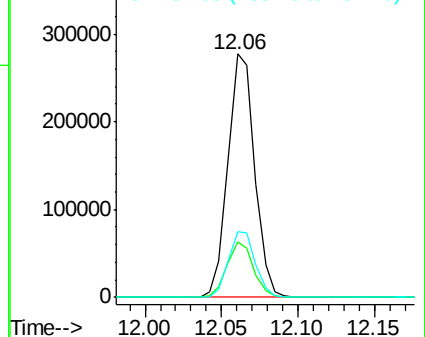
134 27.3 0.0 55.4



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



#80

1,2,4-Trimethylbenzene

Concen: 19.670 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007508.D

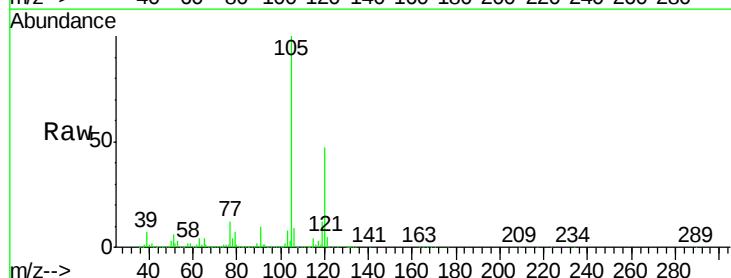
Acq: 13 Feb 2019 03:02

Tgt Ion:105 Resp: 332113

Ion Ratio Lower Upper

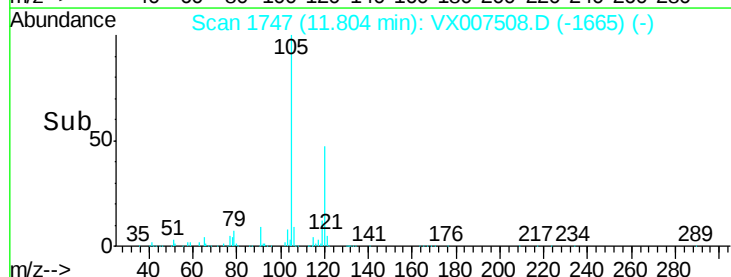
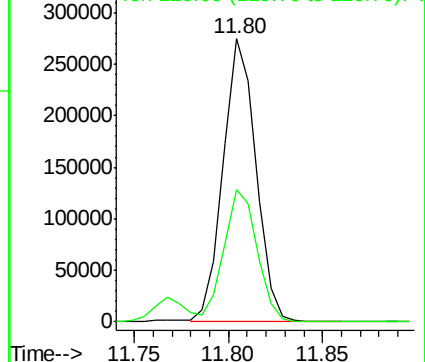
105 100

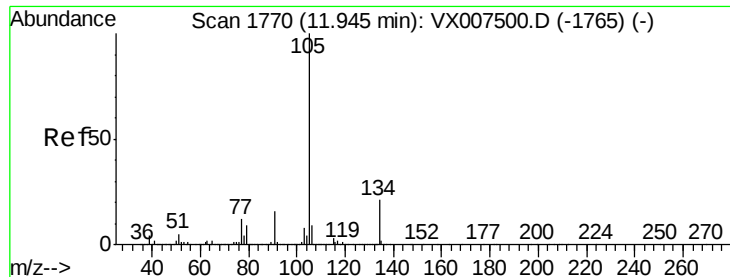
120 46.9 0.0 94.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

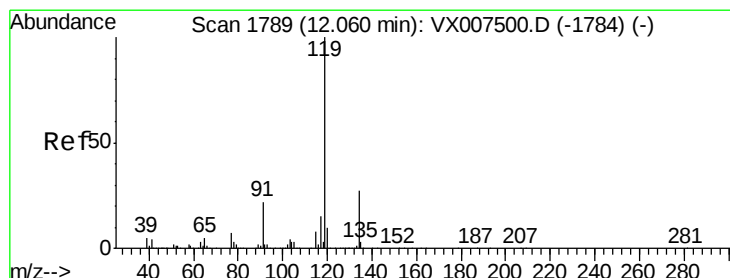
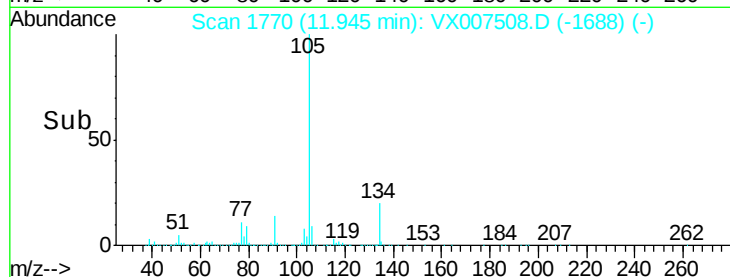
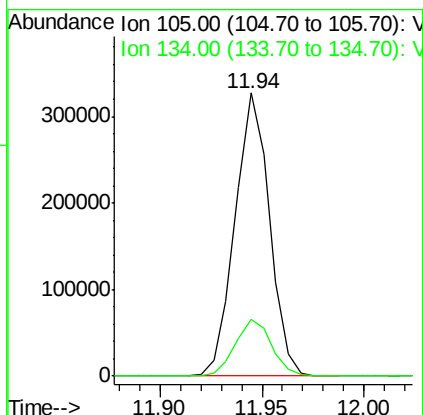
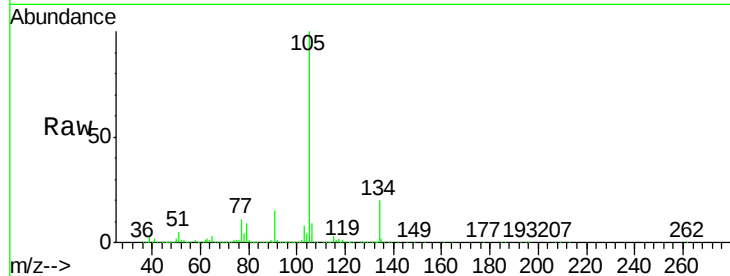




#81
 sec-Butylbenzene
 Concen: 19.282 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

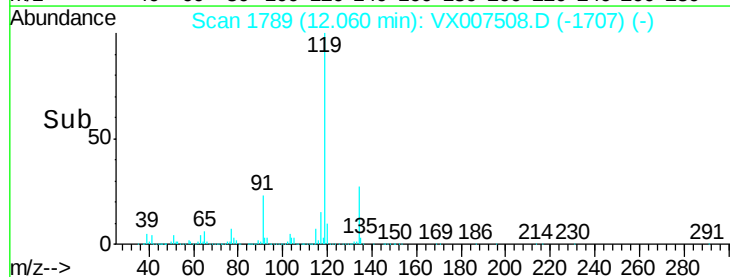
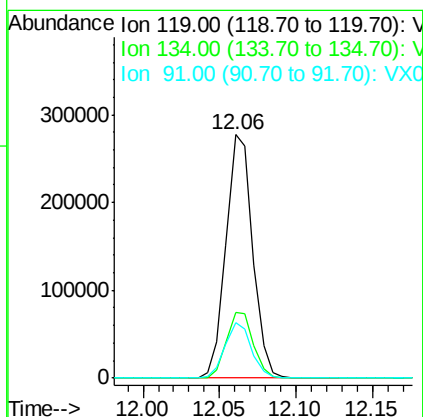
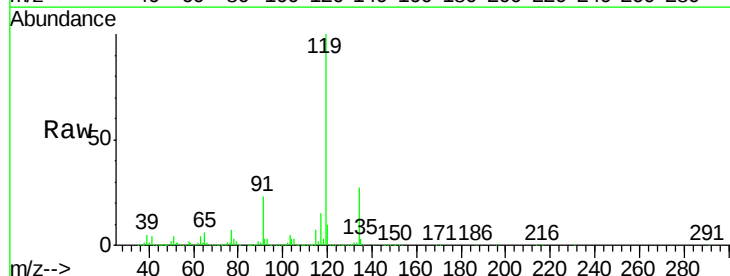
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0213WBS01

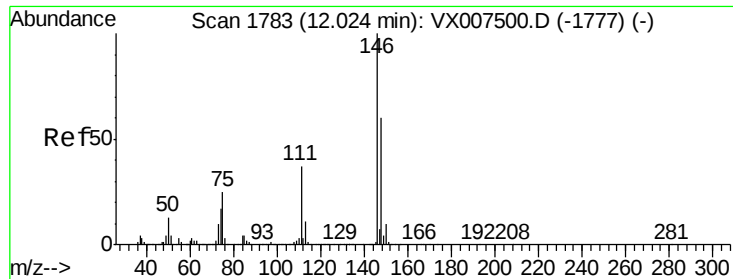
Tgt Ion:105 Resp: 382992
 Ion Ratio Lower Upper
 105 100
 134 20.9 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 18.980 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

Tgt Ion:119 Resp: 335212
 Ion Ratio Lower Upper
 119 100
 134 27.3 0.0 55.4
 91 22.6 0.0 45.0

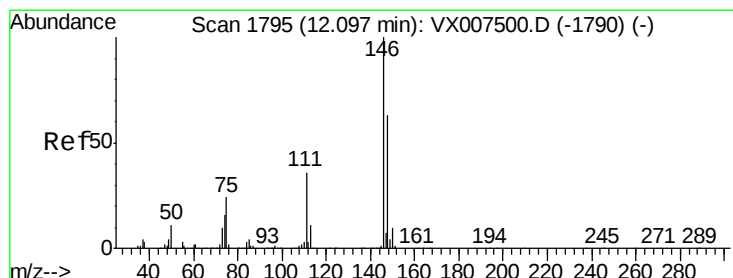
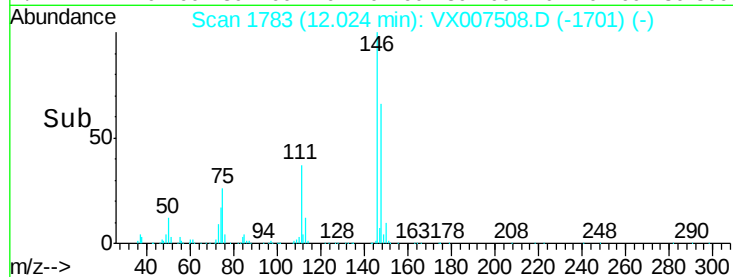
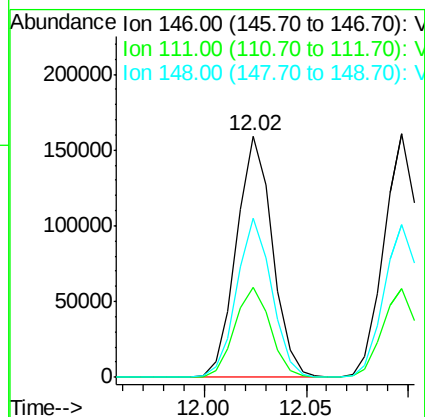
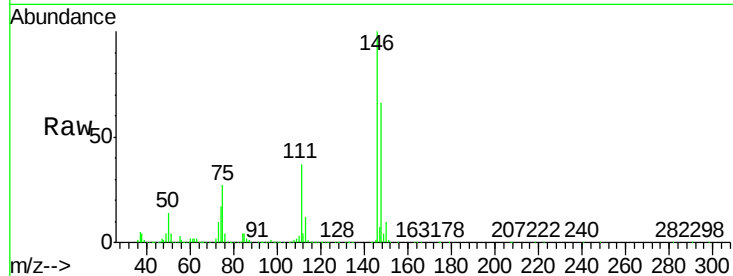




#83
 1,3-Dichlorobenzene
 Concen: 19.789 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

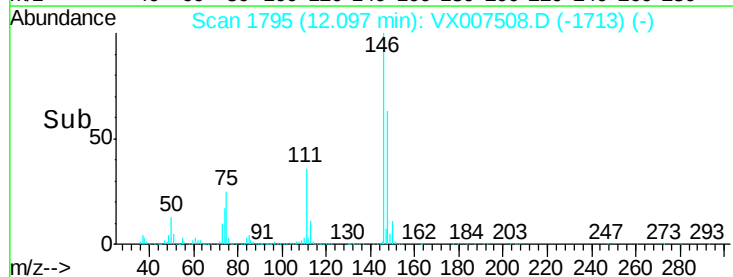
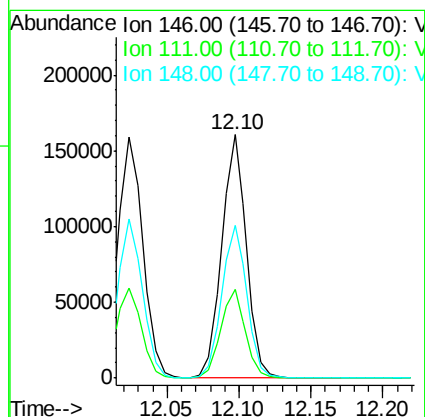
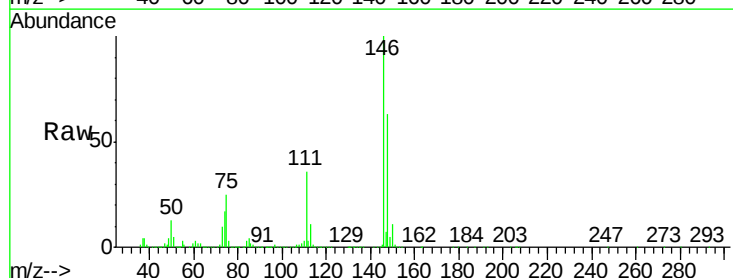
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0213WBS01

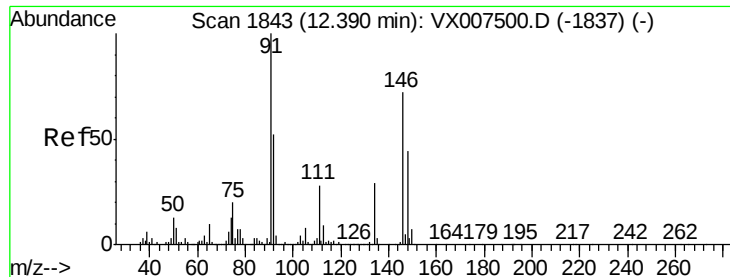
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.8	56.3
148	64.4	30.6	91.8



#84
 1,4-Dichlorobenzene
 Concen: 19.764 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	17.6	52.8
148	64.0	31.4	94.2

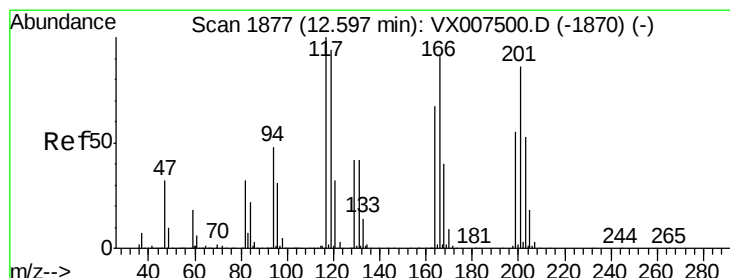
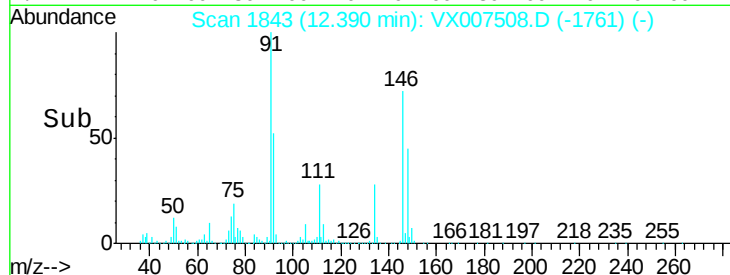
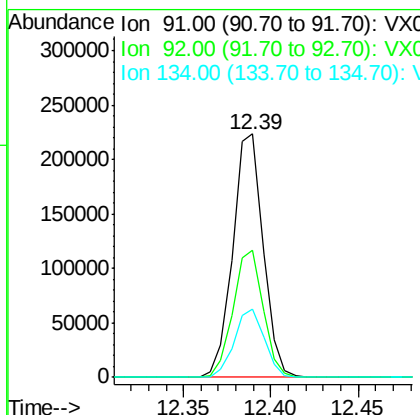
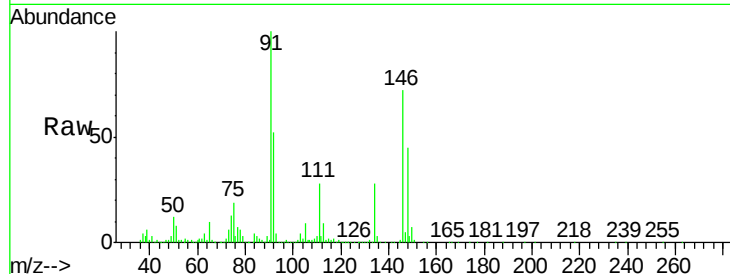




#85
n-Butylbenzene
Concen: 18.441 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

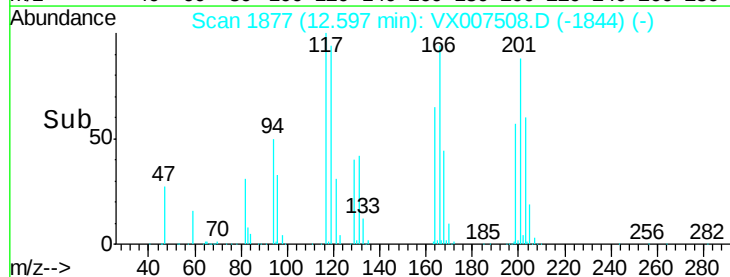
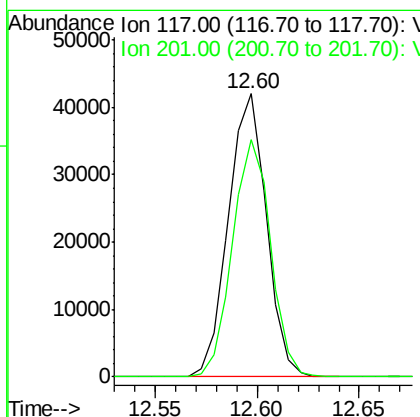
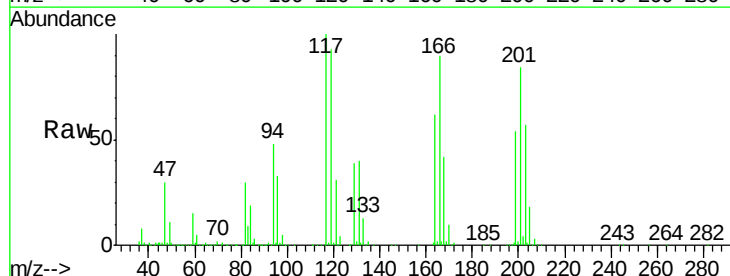
Instrument :
MSVOA_X
ClientSampleId :
VX0213WBS01

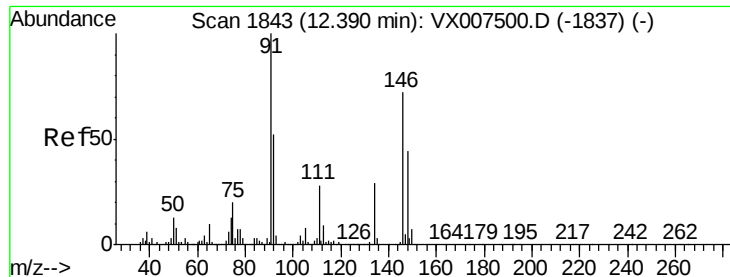
Tgt Ion: 91 Resp: 270277
Ion Ratio Lower Upper
91 100
92 51.7 0.0 105.2
134 27.7 0.0 56.4



#86
Hexachloroethane
Concen: 18.455 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007508.D
Acq: 13 Feb 2019 03:02

Tgt Ion: 117 Resp: 54116
Ion Ratio Lower Upper
117 100
201 84.1 41.1 123.3





#87

1,2-Dichlorobenzene

Concen: 20.463 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBS01

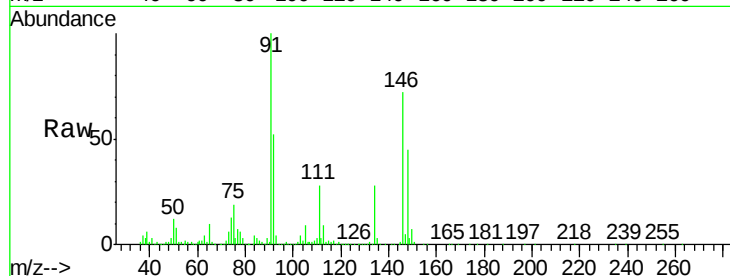
Tgt Ion:146 Resp: 200858

Ion Ratio Lower Upper

146 100

111 38.0 19.3 57.8

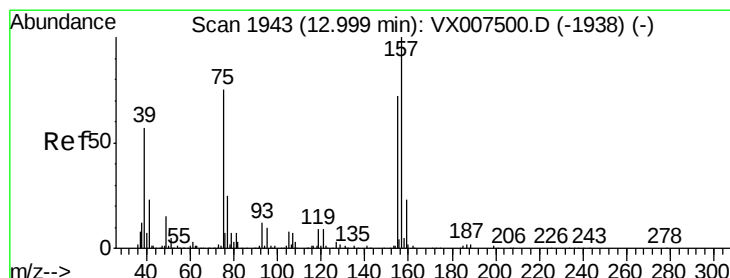
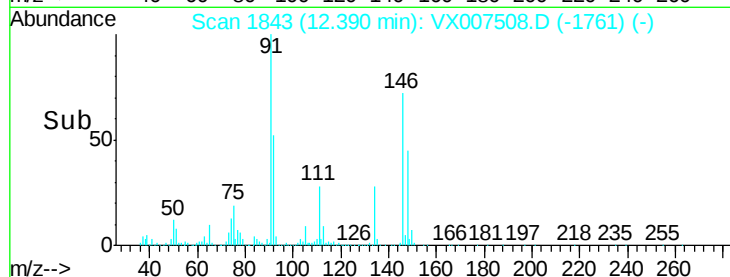
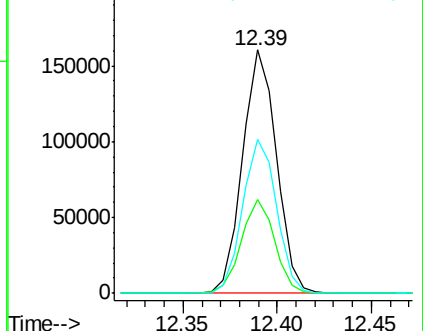
148 62.8 32.1 96.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.613 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

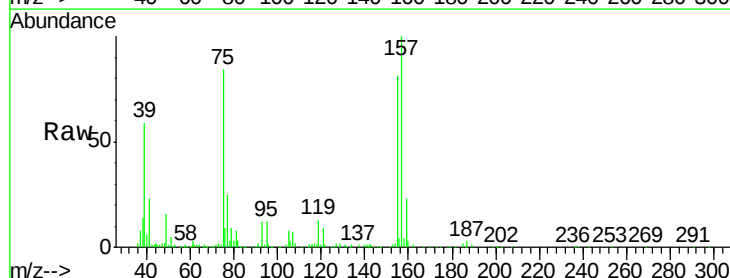
Tgt Ion: 75 Resp: 28974

Ion Ratio Lower Upper

75 100

155 97.0 81.0 121.6

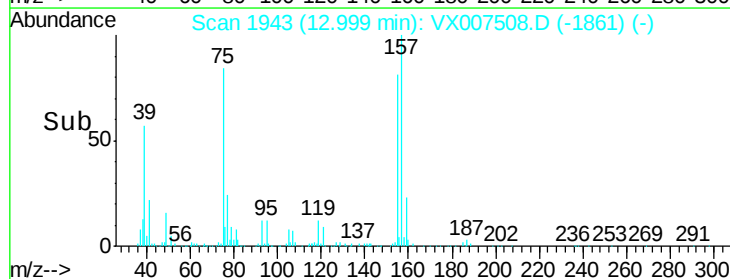
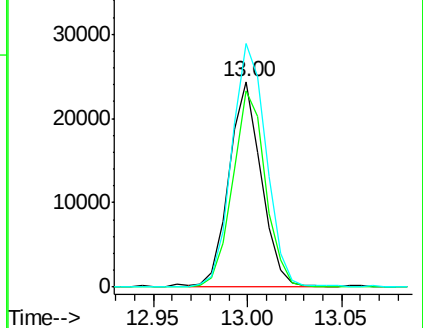
157 126.0 103.2 154.8

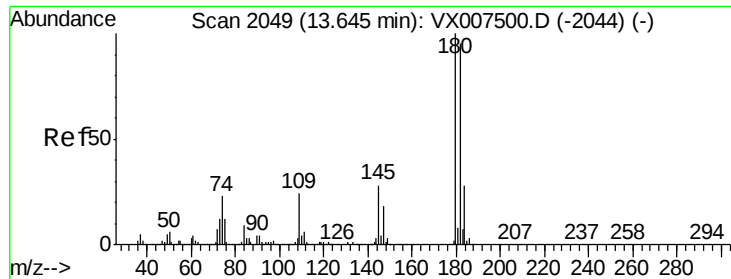


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

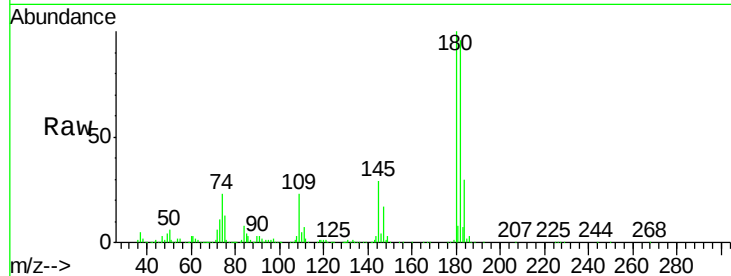




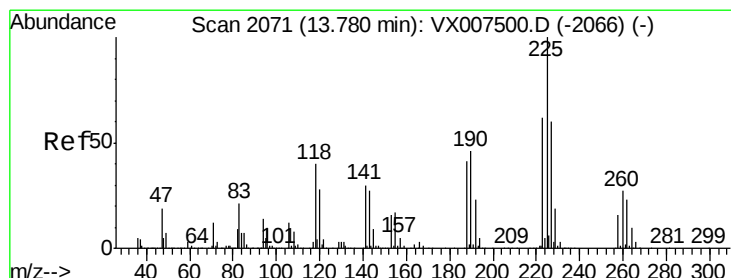
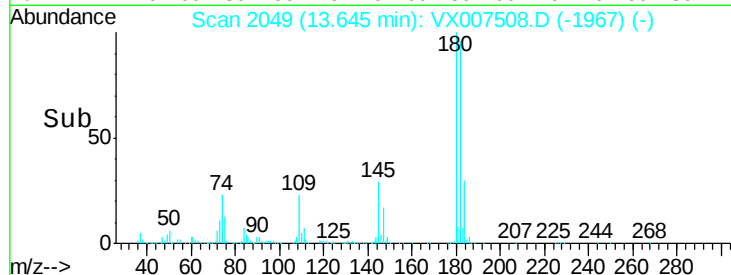
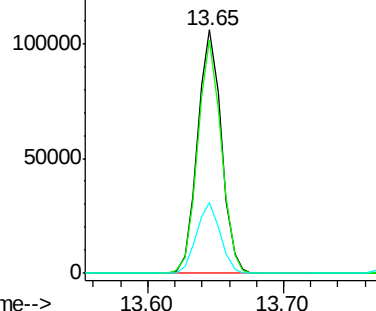
#89
 1,2,4-Trichlorobenzene
 Concen: 19.908 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

Instrument :
 MSVOA_X
 ClientSampled :
 VX0213WBS01

Tgt Ion:180 Resp: 128342
 Ion Ratio Lower Upper
 180 100
 182 94.4 75.6 113.4
 145 29.0 23.0 34.6

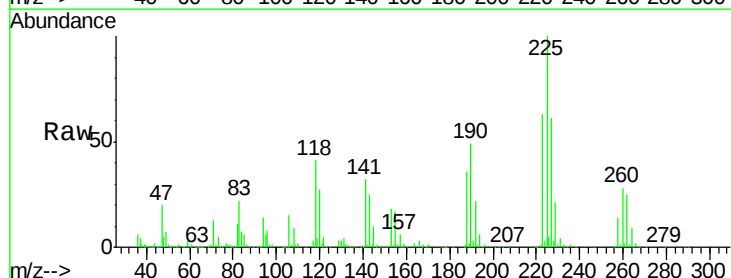


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

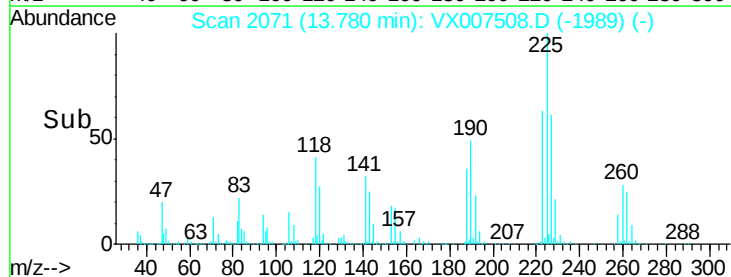
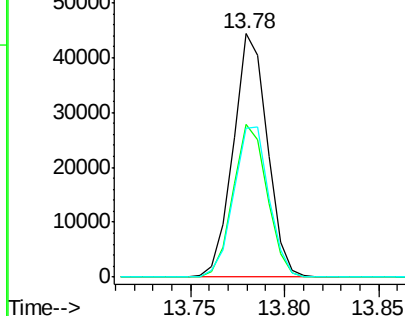


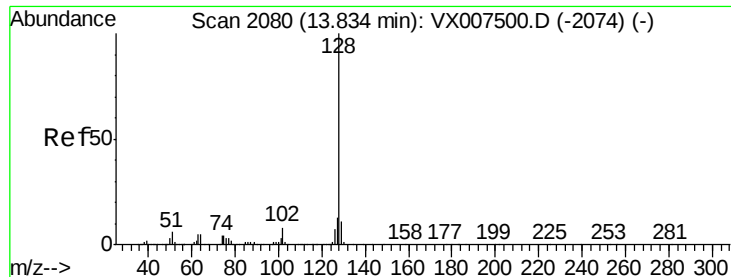
#90
 Hexachlorobutadiene
 Concen: 18.504 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007508.D
 Acq: 13 Feb 2019 03:02

Tgt Ion:225 Resp: 55736
 Ion Ratio Lower Upper
 225 100
 223 62.5 0.0 123.8
 227 63.9 0.0 124.4



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 20.555 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBS01

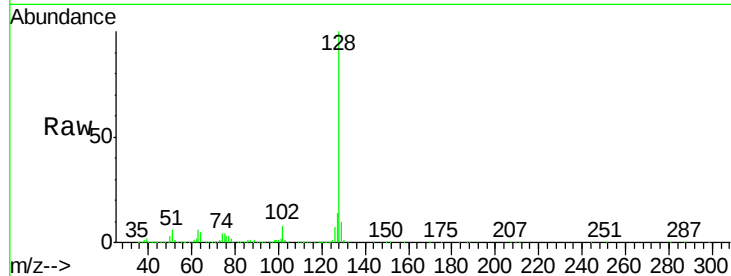
Tgt Ion:128 Resp: 422626

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

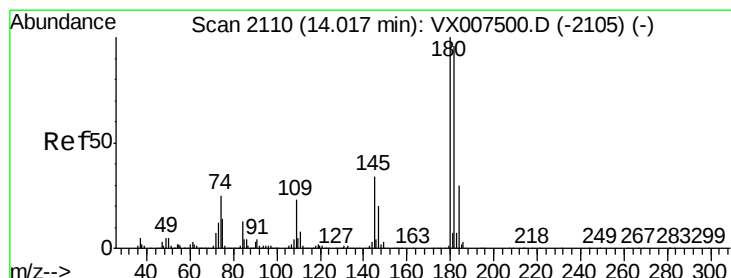
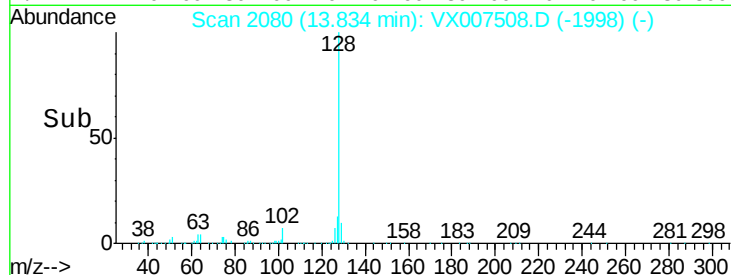
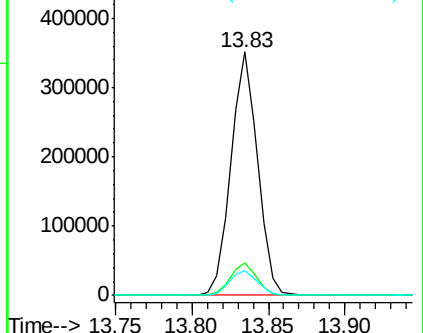
129 10.7 8.9 13.3



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



#92

1,2,3-Trichlorobenzene

Concen: 20.108 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007508.D

Acq: 13 Feb 2019 03:02

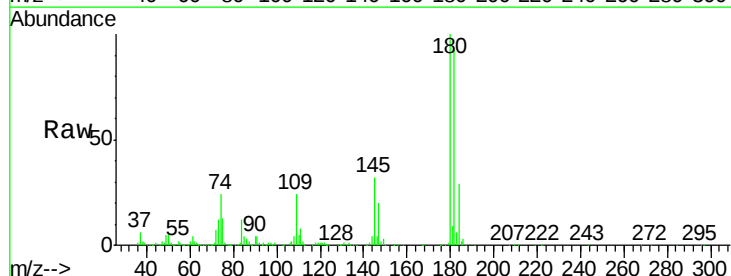
Tgt Ion:180 Resp: 131781

Ion Ratio Lower Upper

180 100

182 93.7 0.0 193.0

145 31.2 0.0 63.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

