

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021319\
 Data File : VX007509.D
 Acq On : 13 Feb 2019 03:28
 Operator : JC/SP
 Sample : VX0213WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0213WBSD01

Quant Time: Feb 13 08:02:30 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	79537	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	407686	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	365124	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	152060	29.55	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.50%
60) 4-Bromofluorobenzene	11.13	95	168288	30.03	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.10%
63) Toluene-d8	8.71	98	492518	29.84	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.47%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	73558	18.263	ug/l 99
3) Chloromethane	1.33	50	83213	18.799	ug/l 96
4) Vinyl Chloride	1.41	62	91958	18.469	ug/l 98
5) Bromomethane	1.64	94	80207	18.039	ug/l 99
6) Chloroethane	1.73	64	59351	17.536	ug/l 91
7) Trichlorofluoromethane	1.93	101	144451	18.508	ug/l 98
8) Diethyl Ether	2.19	74	57742	18.520	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	78892	17.915	ug/l 100
10) 1,1-Dichloroethene	2.38	96	81530	18.658	ug/l 94
11) Methyl Iodide	2.51	142	105942	16.869	ug/l 97
12) Methyl Acetate	2.78	43	105084	17.438	ug/l 100
13) Acrolein	2.30	56	93982	89.407	ug/l 96
14) Acrylonitrile	3.15	53	248884	89.637	ug/l 97
15) Acetone	2.45	58	71498	94.884	ug/l 93
16) Carbon Disulfide	2.57	76	210439	18.161	ug/l 100
17) Allyl chloride	2.73	41	133628	17.849	ug/l 97
18) Methylene Chloride	2.86	84	91147	18.549	ug/l 96
19) trans-1,2-Dichloroethene	3.17	96	85690	18.335	ug/l 96
20) Diisopropyl ether	3.87	45	263120	18.597	ug/l 95
21) 1,1-Dichloroethane	3.70	63	148961	18.780	ug/l 97
22) cis-1,2-Dichloroethene	4.60	96	98309	18.902	ug/l 98
23) tert-Butyl Alcohol	3.07	59	111311	95.380	ug/l 100
24) Methyl tert-Butyl Ether	3.21	73	275155	18.145	ug/l 99
25) Chloroform	5.21	83	156393	18.668	ug/l 99
26) Cyclohexane	5.57	56	121718	18.300	ug/l # 98
29) 1,1-Dichloropropene	5.80	75	109149	19.194	ug/l 99
30) 2-Butanone	4.70	43	330237	98.127	ug/l 98
31) 2,2-Dichloropropane	4.59	77	79046	17.109	ug/l 98
32) 1,1,1-Trichloroethane	5.50	97	130069	19.136	ug/l 99
33) Carbon Tetrachloride	5.78	117	113152	18.831	ug/l 95
34) Benzene	6.14	78	349072	19.471	ug/l 99
35) Methacrylonitrile	5.06	41	68120	19.468	ug/l 97
36) 1,2-Dichloroethane	6.20	62	118568	19.434	ug/l 98
37) Trichloroethene	7.21	130	98643	19.138	ug/l 94
38) Methylcyclohexane	7.46	83	117855	17.903	ug/l 99
39) 1,2-Dichloropropane	7.52	63	87095	19.532	ug/l 100
40) Dibromomethane	7.66	93	62174	19.306	ug/l 98

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 ALS Vial : 36 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0213WBSD01

Quant Time: Feb 13 08:02:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X021319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	105314	18.427	ug/l	99
42) Vinyl Acetate	3.82	43	1146253	97.307	ug/l	100
43) Ethyl Acetate	4.58	43	1618	0.251	ug/l	98
44) Isopropyl Acetate	6.46	43	188104	18.904	ug/l	98
45) 1,4-Dioxane	7.75	88	46020	391.873	ug/l	97
46) Methyl methacrylate	7.77	41	96240	19.100	ug/l	99
47) n-amyl Acetate	10.90	43	164547	18.761	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	106264	18.011	ug/l	97
49) cis-1,3-Dichloropropene	8.44	75	121855	18.547	ug/l	94
50) 1,1,2-Trichloroethane	9.21	97	91290	19.441	ug/l	97
51) Ethyl methacrylate	9.18	69	127474	18.725	ug/l	97
52) 1,3-Dichloropropane	9.37	76	146313	19.317	ug/l	100
53) Dibromochloromethane	9.58	129	90201	18.468	ug/l	99
54) 1,2-Dibromoethane	9.67	107	99668	19.384	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	339110	97.978	ug/l	100
56) Bromoform	10.86	173	65835	17.871	ug/l	98
58) 4-Methyl-2-Pentanone	8.65	43	637625	97.088	ug/l	99
59) 2-Hexanone	9.49	43	484880	97.201	ug/l	100
61) Tetrachloroethene	9.34	164	100674	19.423	ug/l	99
62) Toluene	8.78	91	378174	19.018	ug/l	100
64) Chlorobenzene	10.14	112	248180	19.205	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	88641	18.938	ug/l	99
66) Ethyl Benzene	10.25	91	399514	18.933	ug/l	100
67) m/p-Xylenes	10.36	106	312629	37.773	ug/l	99
68) o-Xylene	10.69	106	154298	19.115	ug/l	97
69) Styrene	10.71	104	246273	18.906	ug/l	100
70) Isopropylbenzene	11.02	105	403397	18.942	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	137041	19.467	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	147094	22.853	ug/l	90
73) Bromobenzene	11.26	156	109955	18.911	ug/l	100
74) n-propylbenzene	11.36	91	436790	18.472	ug/l	100
75) 2-Chlorotoluene	11.42	91	268184	18.969	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	325654	18.733	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	30986	16.677	ug/l	97
78) 4-Chlorotoluene	11.51	91	304291	18.856	ug/l	98
79) tert-butylbenzene	12.06	119	339393	18.386	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	332361	18.834	ug/l	99
81) sec-Butylbenzene	11.94	105	378097	18.213	ug/l	99
82) p-Isopropyltoluene	12.06	119	339393	18.386	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	191209	18.707	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	187898	18.422	ug/l	97
85) n-Butylbenzene	12.39	91	266450	17.395	ug/l	100
86) Hexachloroethane	12.60	117	54307	17.720	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	194196	18.929	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.00	75	27449	18.684	ug/l	96
89) 1,2,4-Trichlorobenzene	13.65	180	120507	17.885	ug/l	98
90) Hexachlorobutadiene	13.78	225	55421	17.604	ug/l	99
91) Naphthalene	13.83	128	402323	18.722	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	126516	18.471	ug/l	99

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ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0213WBSD01

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 13 07:51:18 2019
Response via : Initial Calibration

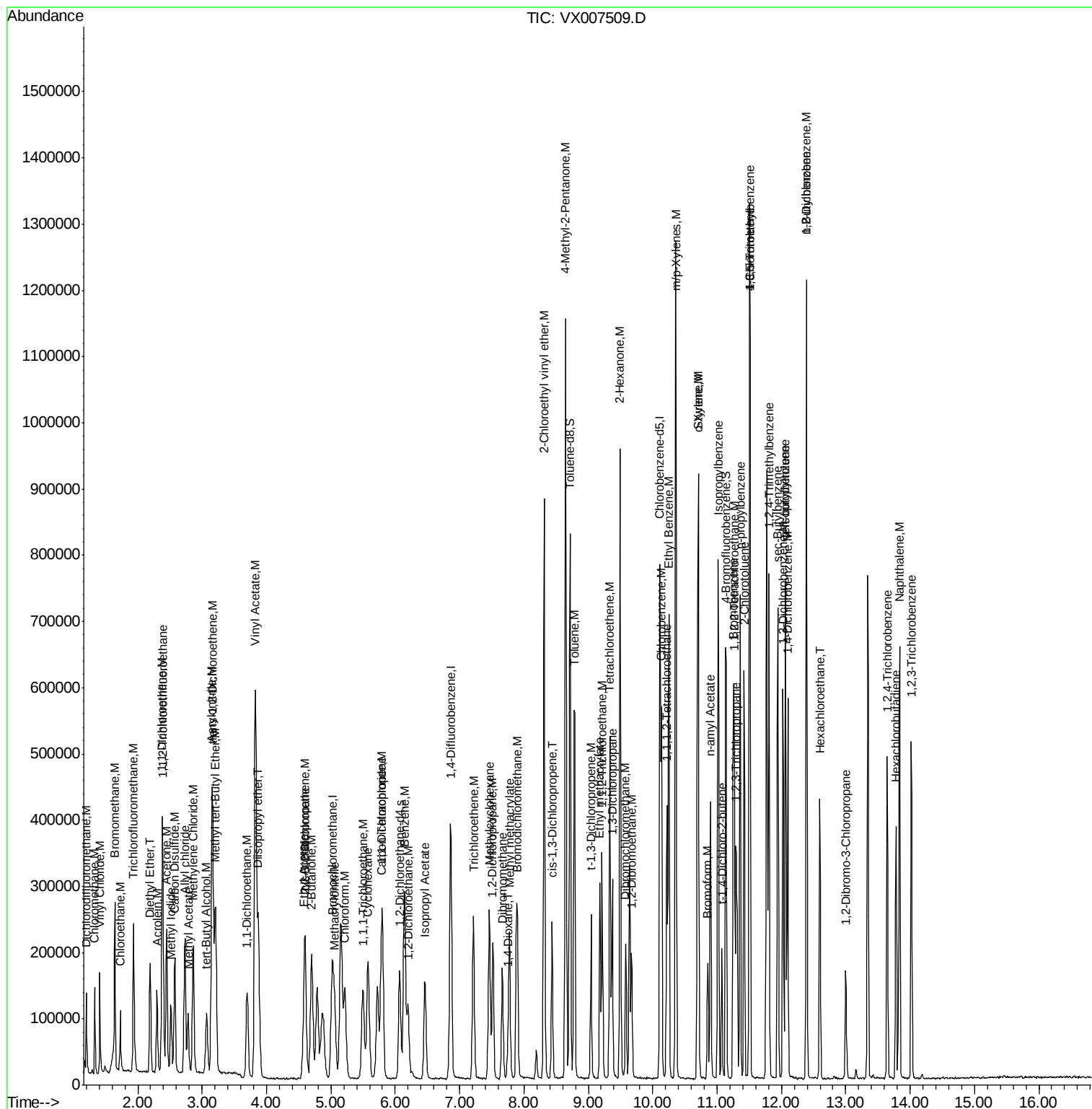
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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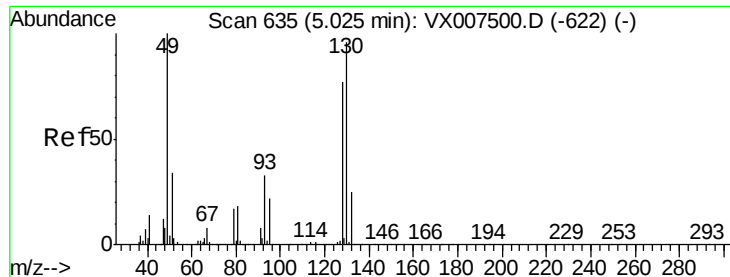
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX021319\
Data File : VX007509.D
Acq On    : 13 Feb 2019   03:28
Operator  : JC/SP
Sample    : VX0213WBSD01
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 36   Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VX0213WBSD01

Quant Time: Feb 13 08:02:30 2019
Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.01 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBSD01

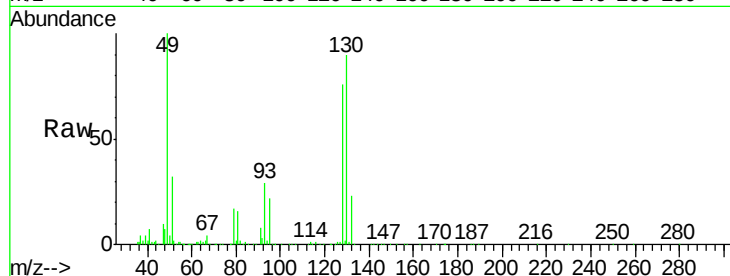
Tgt Ion:128 Resp: 79537

Ion Ratio Lower Upper

128 100

49 135.7 0.0 350.8

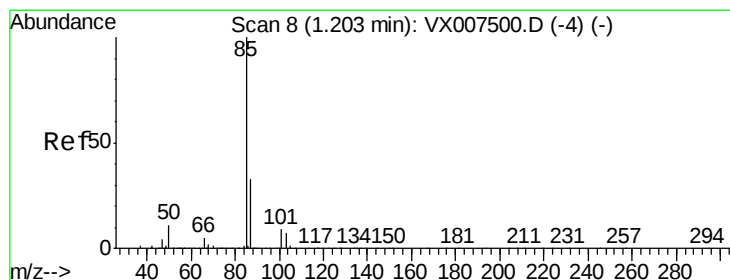
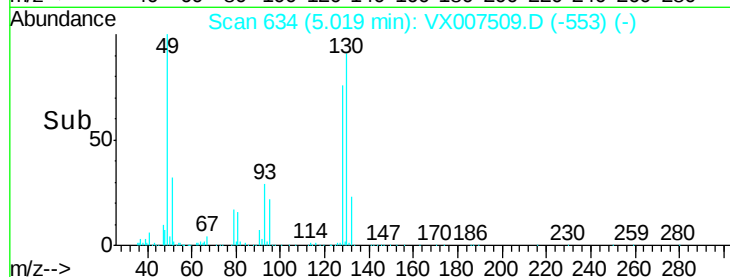
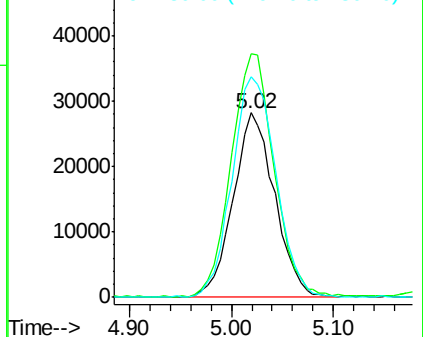
130 127.2 0.0 325.8



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: 18.263 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX007509.D

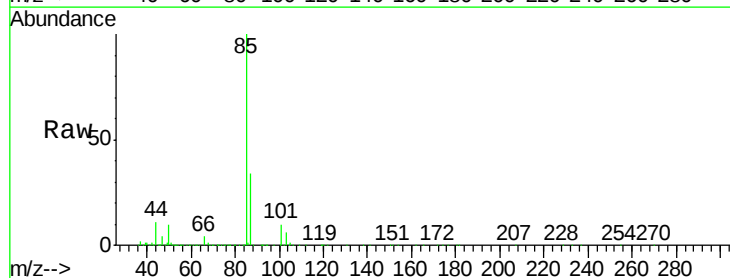
Acq: 13 Feb 2019 03:28

Tgt Ion: 85 Resp: 73558

Ion Ratio Lower Upper

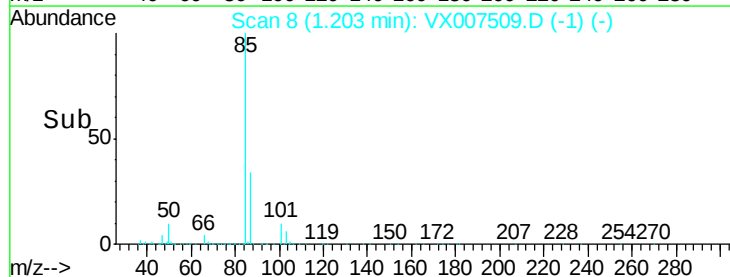
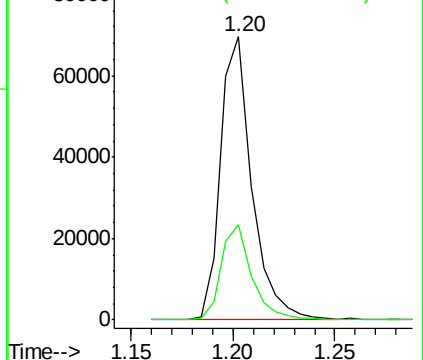
85 100

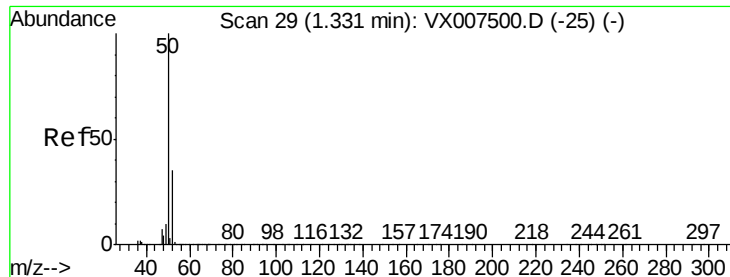
87 33.7 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

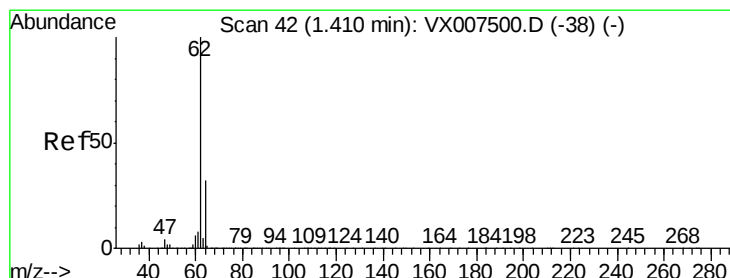
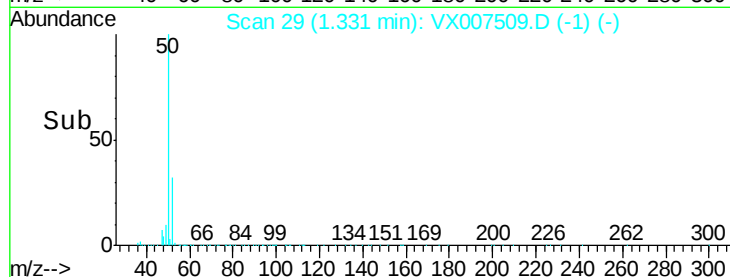
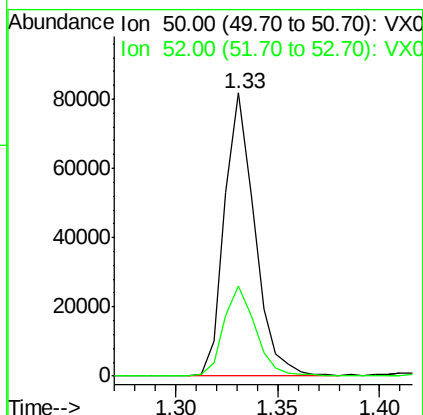
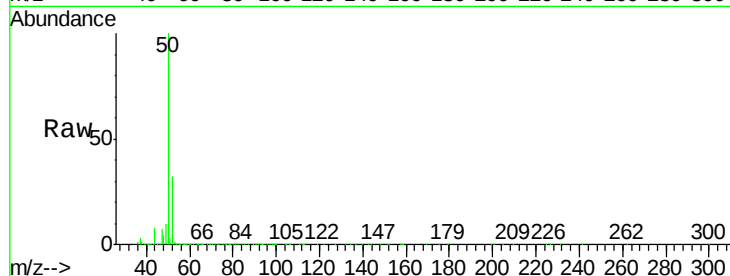




#3
Chloromethane
Concen: 18.799 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007509.D
Acq: 13 Feb 2019 03:28

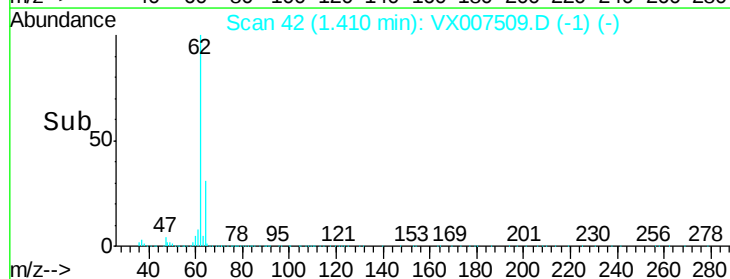
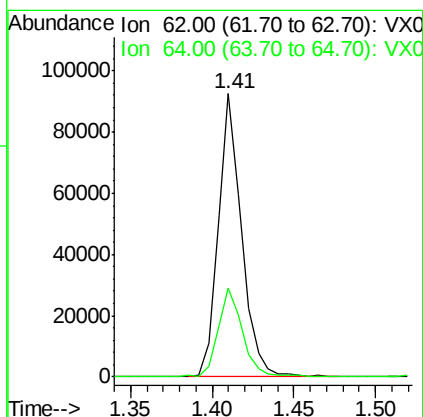
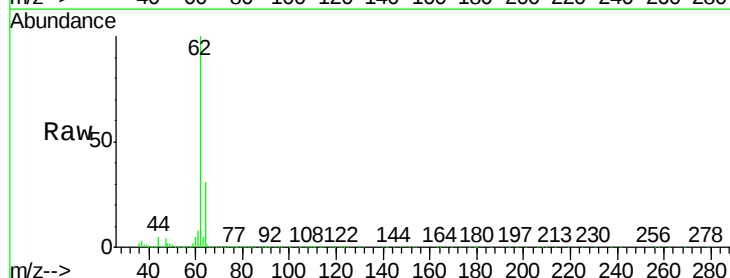
Instrument :
MSVOA_X
ClientSampleId :
VX0213WBSD01

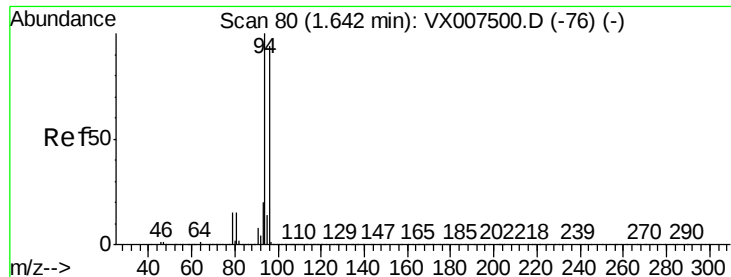
Tgt Ion: 50 Resp: 83213
Ion Ratio Lower Upper
50 100
52 31.9 27.5 41.3



#4
Vinyl Chloride
Concen: 18.469 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007509.D
Acq: 13 Feb 2019 03:28

Tgt Ion: 62 Resp: 91958
Ion Ratio Lower Upper
62 100
64 31.0 25.9 38.9





#5

Bromomethane

Concen: 18.039 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

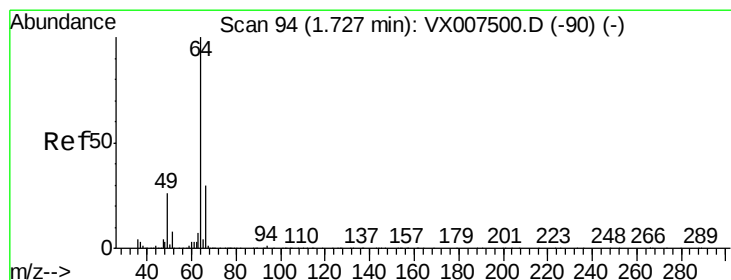
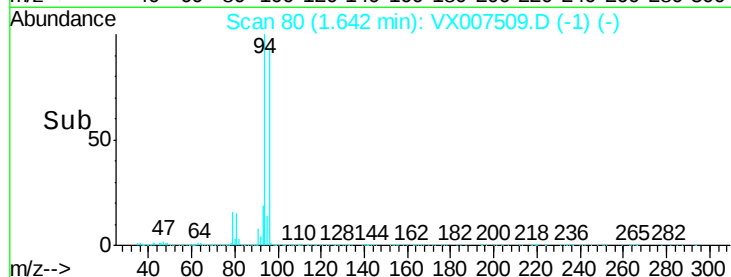
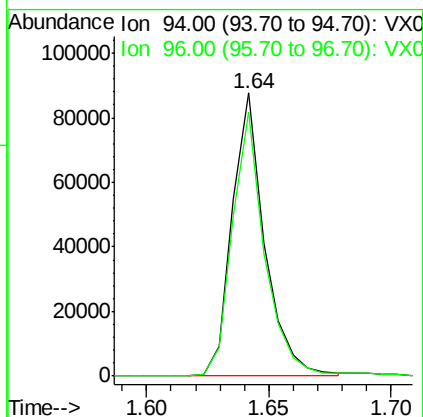
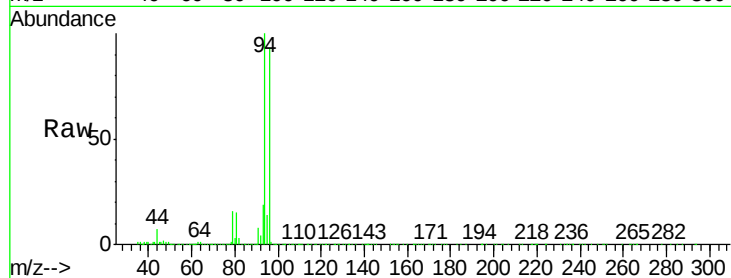
VX0213WBSD01

Tgt Ion: 94 Resp: 80207

Ion Ratio Lower Upper

94 100

96 93.5 75.6 113.4



#6

Chloroethane

Concen: 17.536 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.00 min

Lab File: VX007509.D

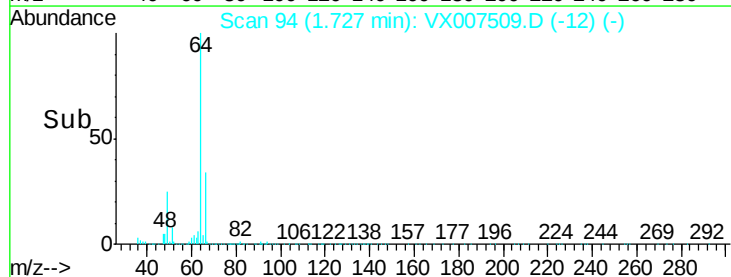
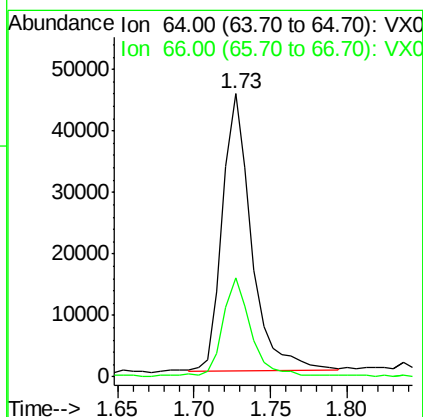
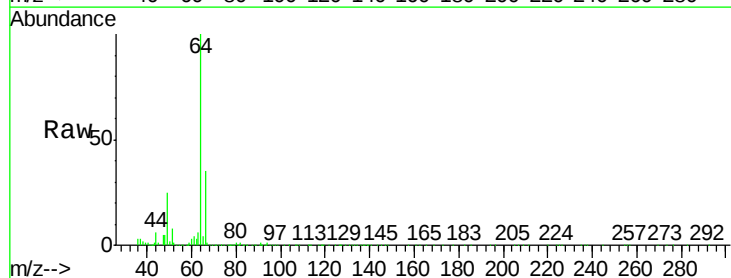
Acq: 13 Feb 2019 03:28

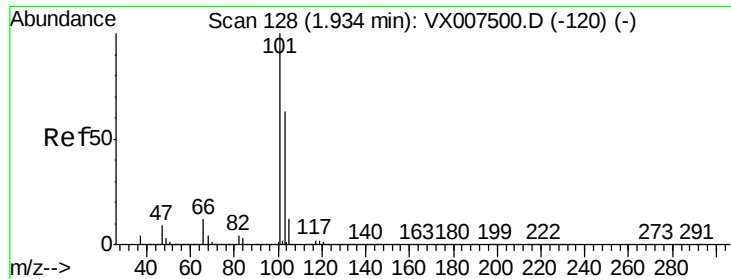
Tgt Ion: 64 Resp: 59351

Ion Ratio Lower Upper

64 100

66 34.9 23.9 35.9



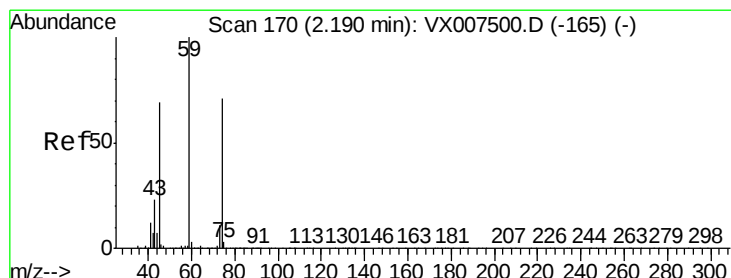
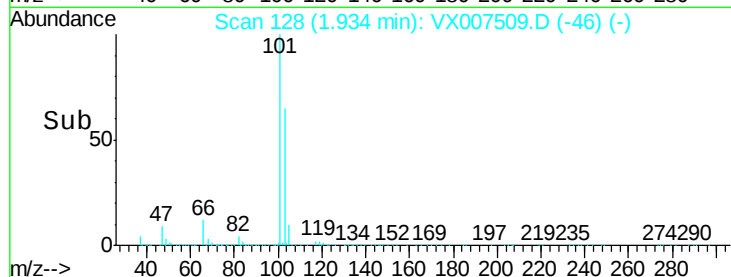
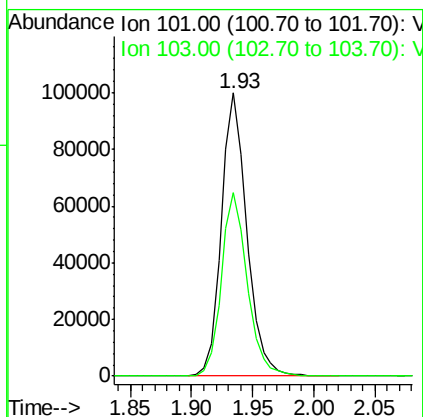
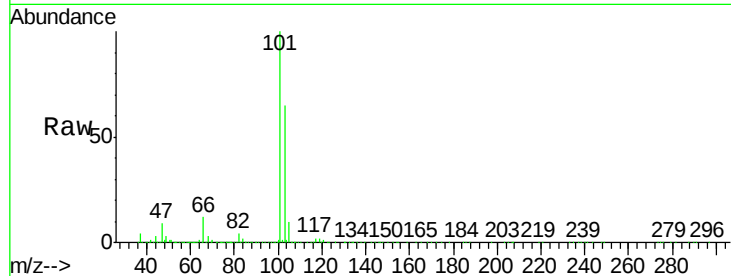


#7

Trichlorofluoromethane
Concen: 18.508 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.00 min
Lab File: VX007509.D
Acq: 13 Feb 2019 03:28

Instrument :
MSVOA_X
ClientSampleId :
VX0213WBSD01

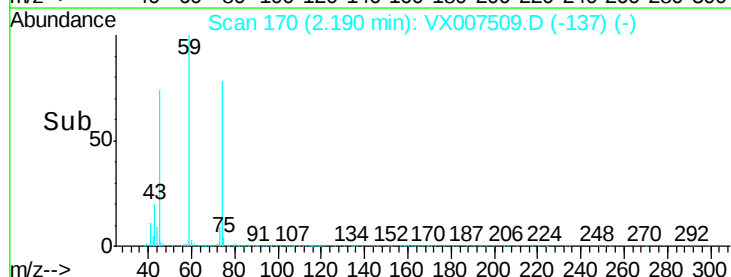
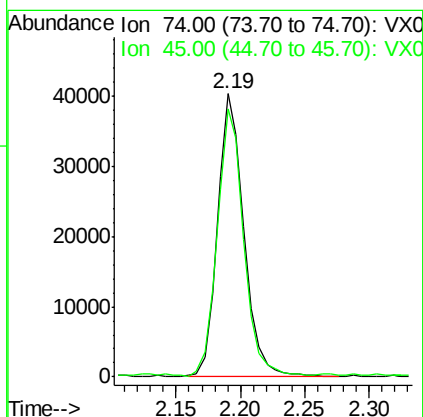
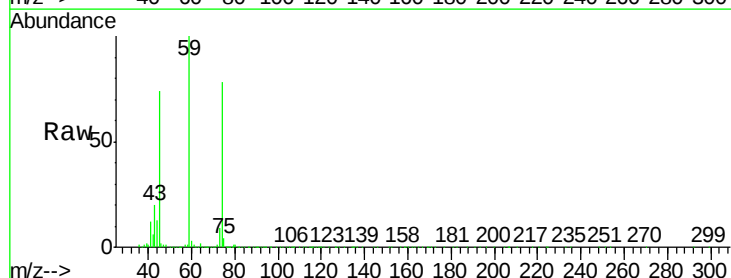
Tgt Ion:101 Resp: 144451
Ion Ratio Lower Upper
101 100
103 64.8 50.4 75.6

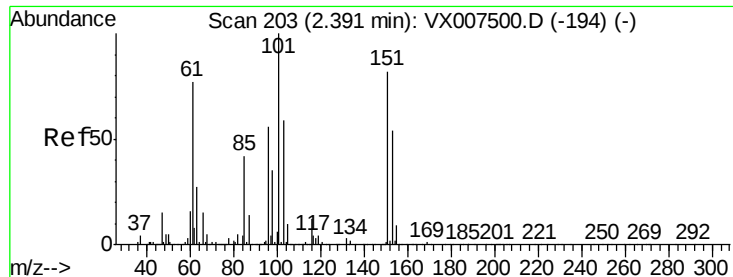


#8

Diethyl Ether
Concen: 18.520 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007509.D
Acq: 13 Feb 2019 03:28

Tgt Ion: 74 Resp: 57742
Ion Ratio Lower Upper
74 100
45 94.8 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.915 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.00 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBSD01

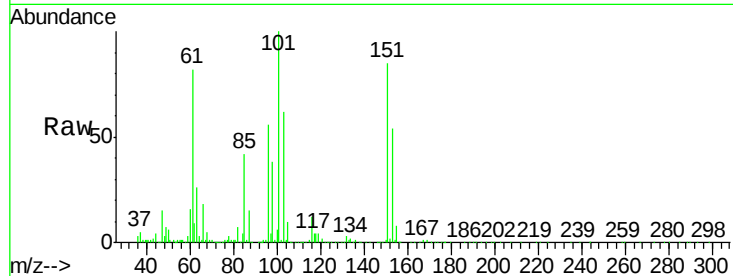
Tgt Ion:101 Resp: 78892

Ion Ratio Lower Upper

101 100

85 43.6 0.0 86.8

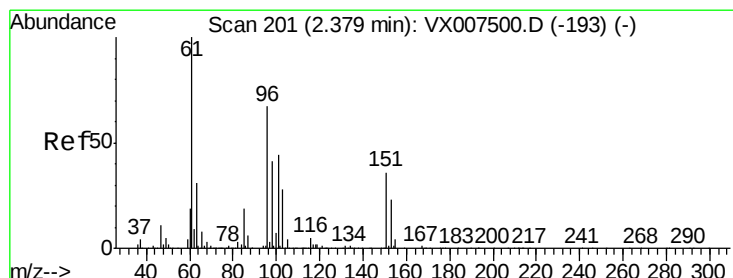
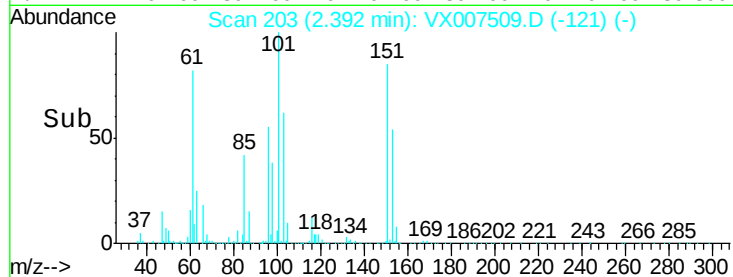
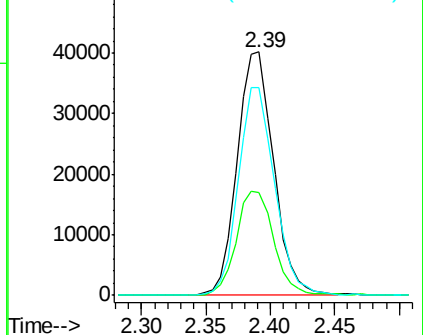
151 85.0 0.0 169.2



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: 18.658 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

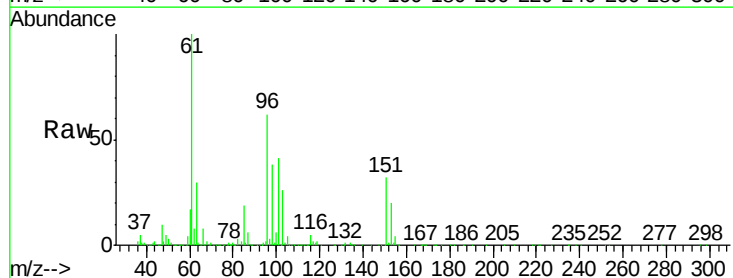
Tgt Ion: 96 Resp: 81530

Ion Ratio Lower Upper

96 100

61 160.8 120.2 180.2

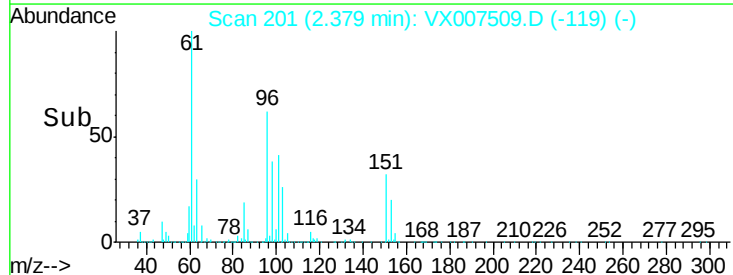
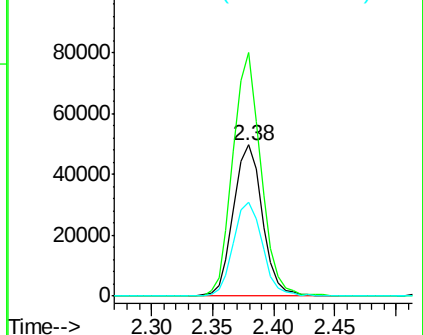
98 62.1 49.0 73.4

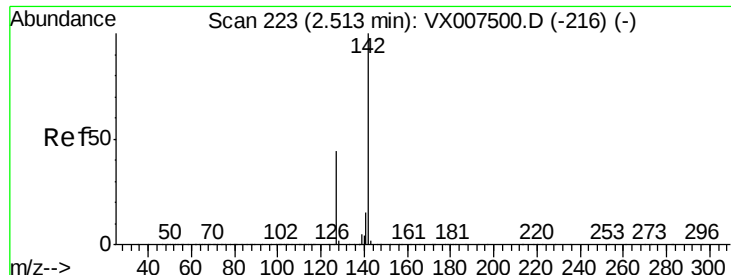


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

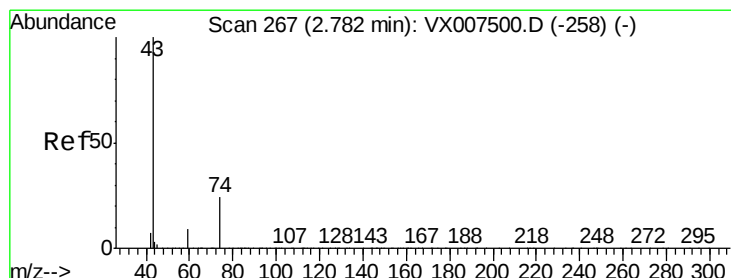
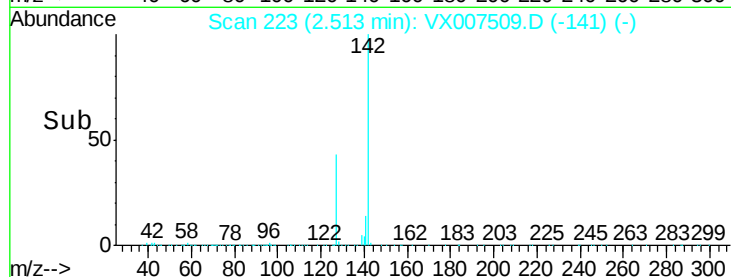
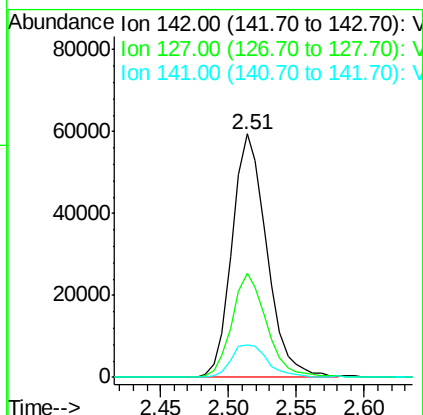
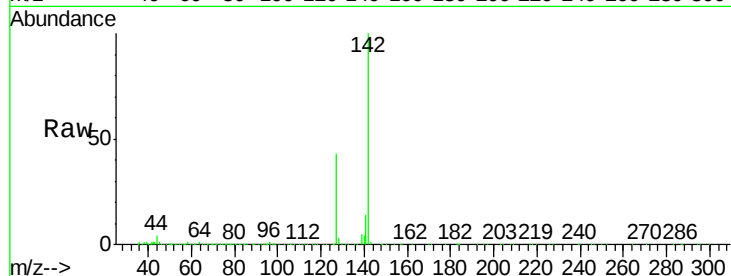




#11
Methyl Iodide
Concen: 16.869 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX007509.D
Acq: 13 Feb 2019 03:28

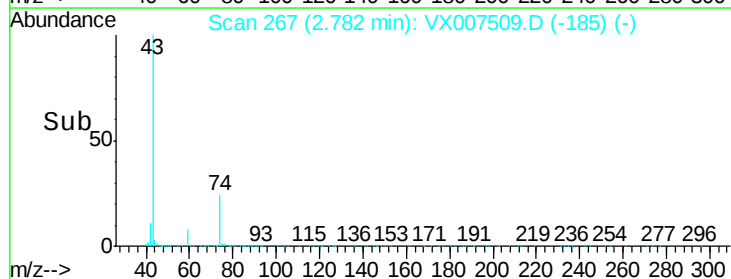
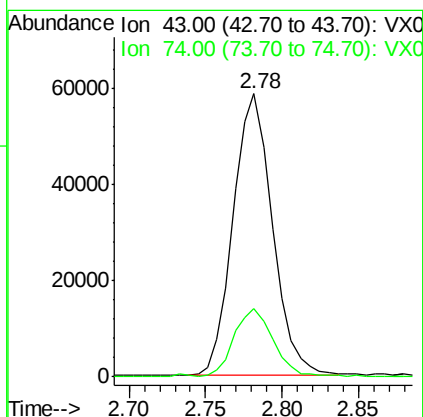
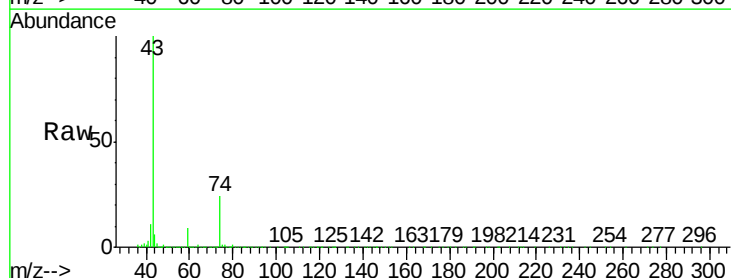
Instrument :
MSVOA_X
ClientSampleId :
VX0213WBSD01

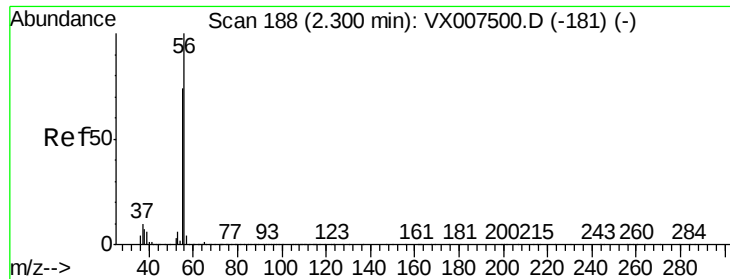
Tgt Ion:142 Resp: 105942
Ion Ratio Lower Upper
142 100
127 42.5 22.1 66.5
141 13.3 7.4 22.3



#12
Methyl Acetate
Concen: 17.438 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007509.D
Acq: 13 Feb 2019 03:28

Tgt Ion: 43 Resp: 105084
Ion Ratio Lower Upper
43 100
74 24.0 19.4 29.0





#13

Acrolein

Concen: 89.407 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

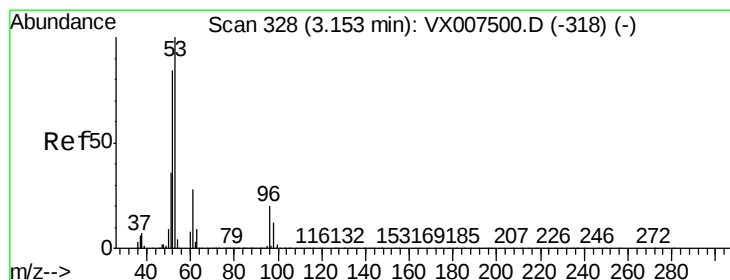
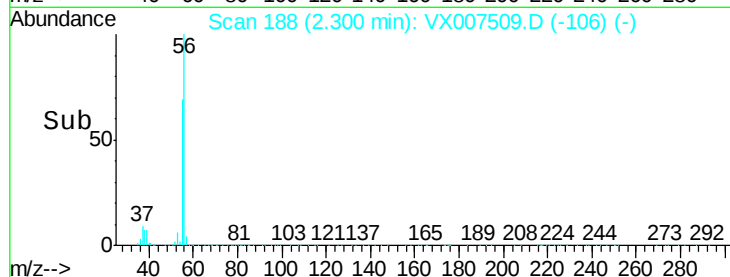
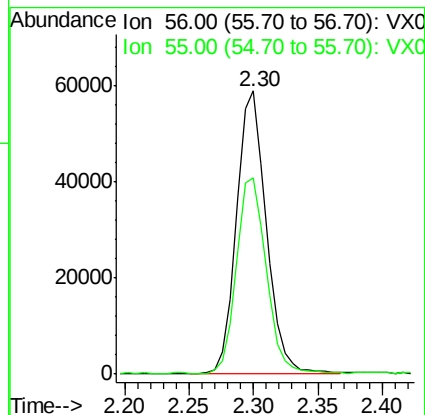
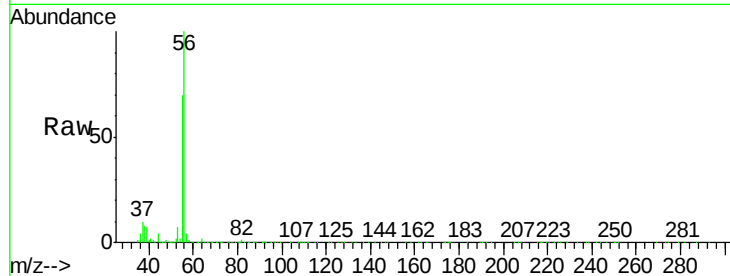
VX0213WBSD01

Tgt Ion: 56 Resp: 93982

Ion Ratio Lower Upper

56 100

55 69.6 58.6 87.8



#14

Acrylonitrile

Concen: 89.637 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

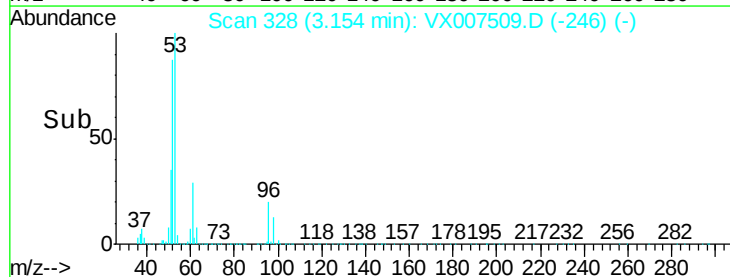
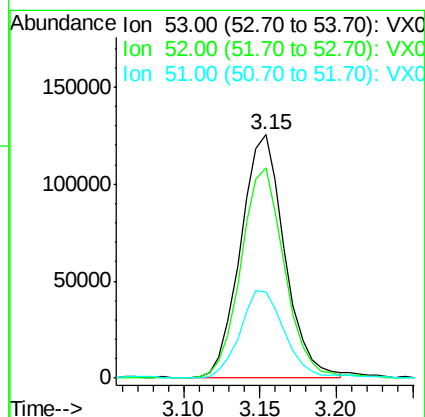
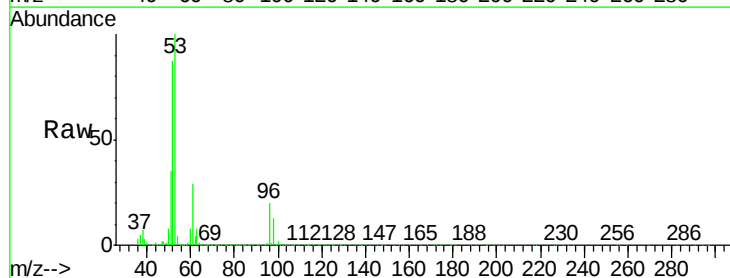
Tgt Ion: 53 Resp: 248884

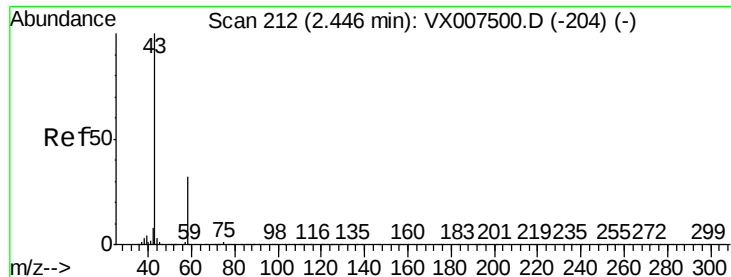
Ion Ratio Lower Upper

53 100

52 85.9 41.3 124.1

51 36.9 17.5 52.6





#15

Acetone

Concen: 94.884 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

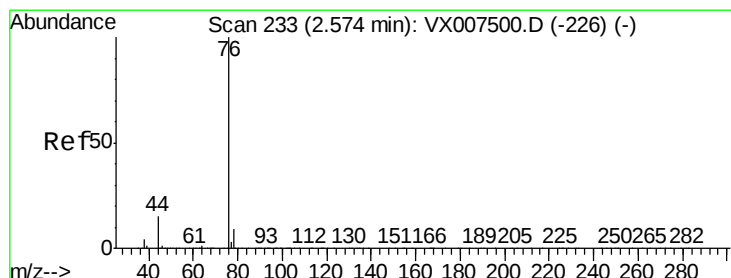
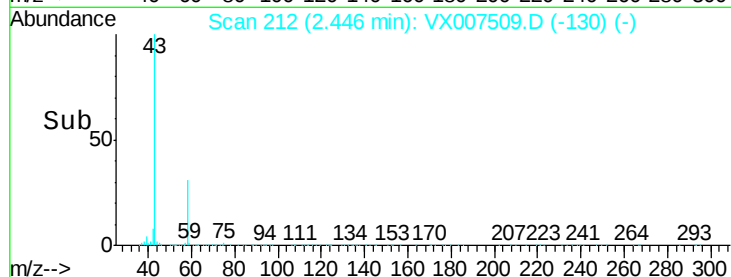
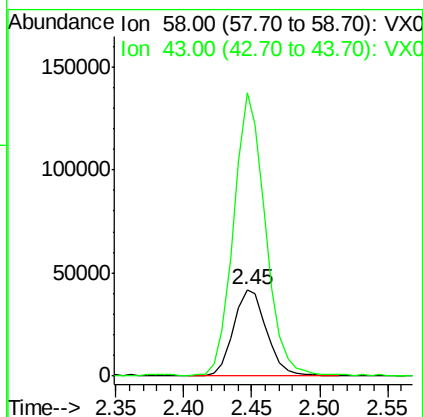
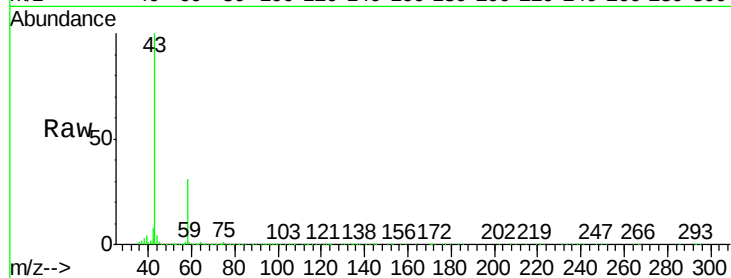
VX0213WBSD01

Tgt Ion: 58 Resp: 71498

Ion Ratio Lower Upper

58 100

43 326.5 249.8 374.6



#16

Carbon Disulfide

Concen: 18.161 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007509.D

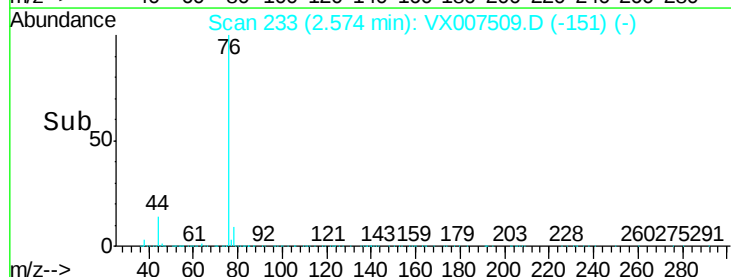
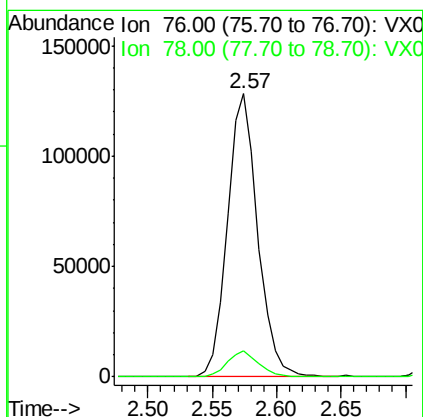
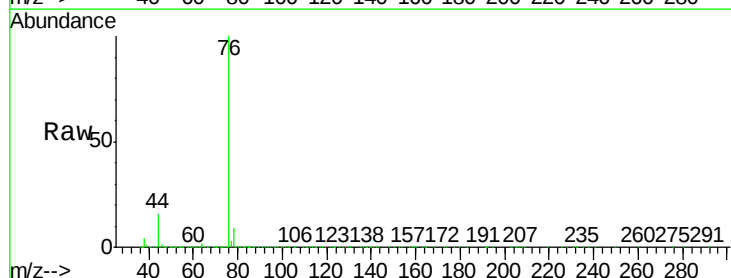
Acq: 13 Feb 2019 03:28

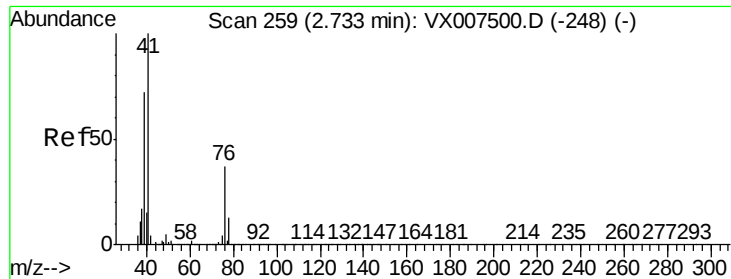
Tgt Ion: 76 Resp: 210439

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

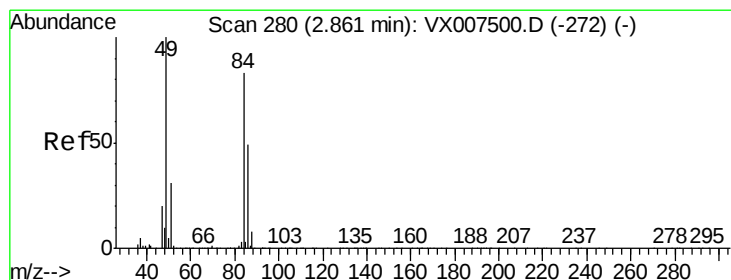
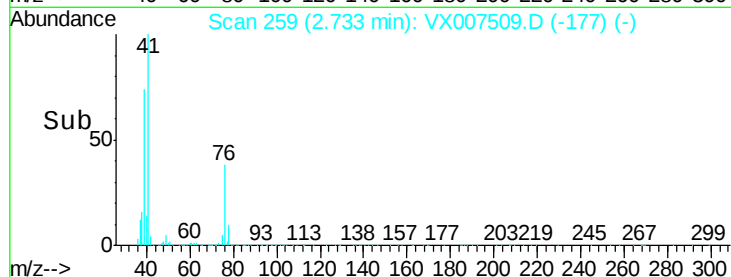
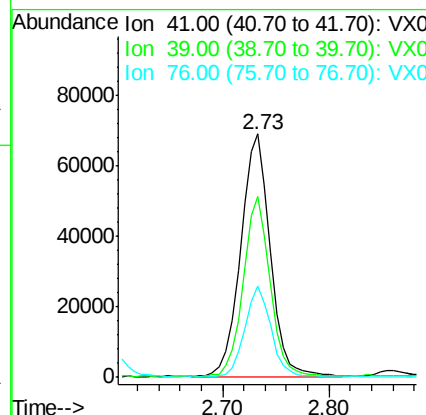
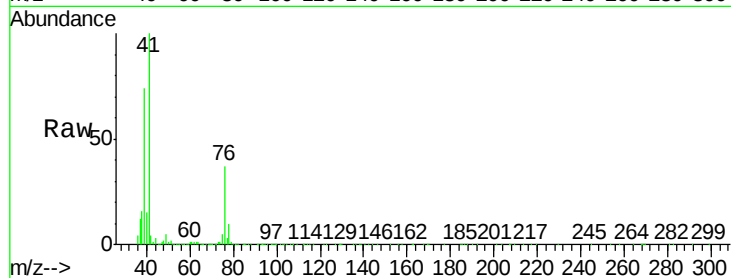




#17
 Allyl chloride
 Concen: 17.849 ug/l
 RT: 2.73 min Scan# 259
 Delta R.T. 0.00 min
 Lab File: VX007509.D
 Acq: 13 Feb 2019 03:28

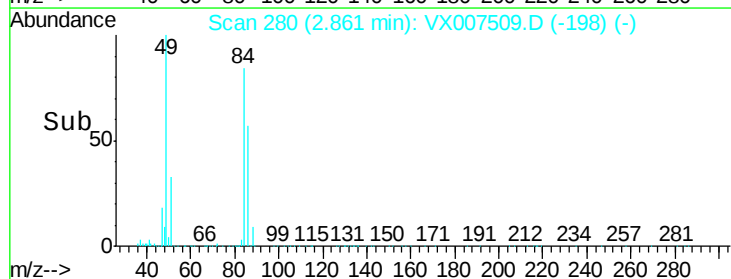
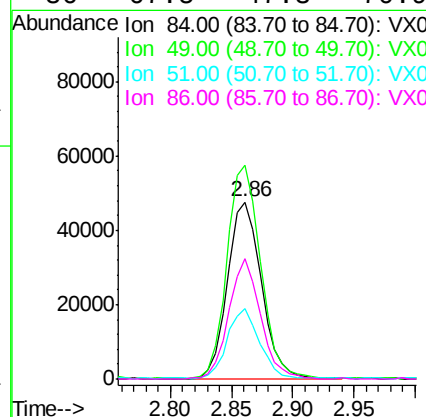
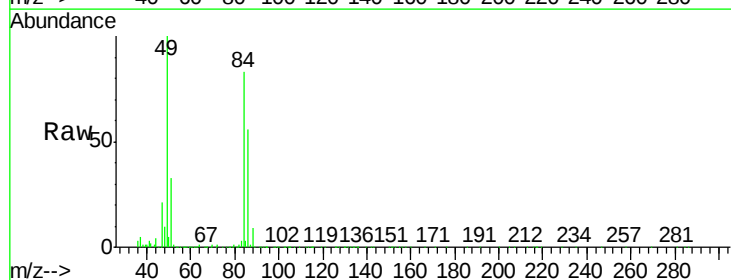
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0213WBSD01

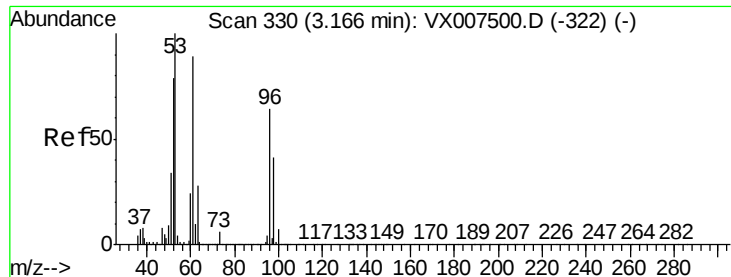
Tgt Ion: 41 Resp: 133628
 Ion Ratio Lower Upper
 41 100
 39 74.2 35.8 107.4
 76 37.3 18.3 54.9



#18
 Methylene Chloride
 Concen: 18.549 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007509.D
 Acq: 13 Feb 2019 03:28

Tgt Ion: 84 Resp: 91147
 Ion Ratio Lower Upper
 84 100
 49 120.7 96.1 144.1
 51 39.6 29.1 43.7
 86 67.5 47.3 70.9





#19

trans-1,2-Dichloroethene

Concen: 18.335 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBSD01

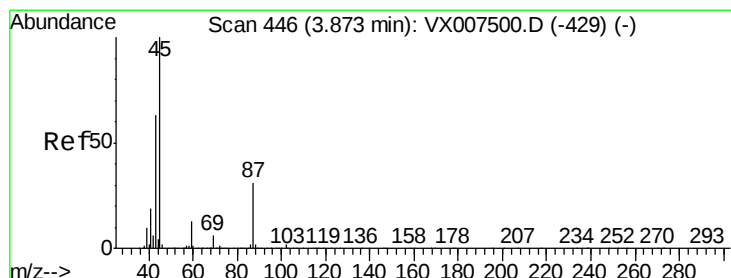
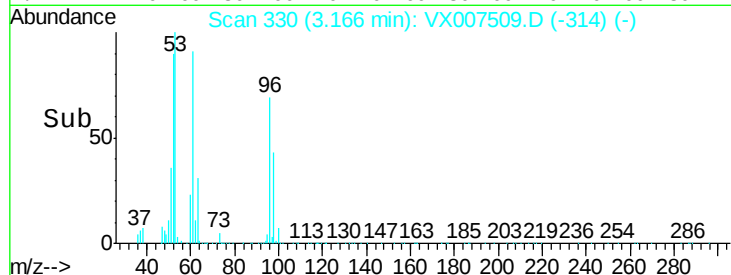
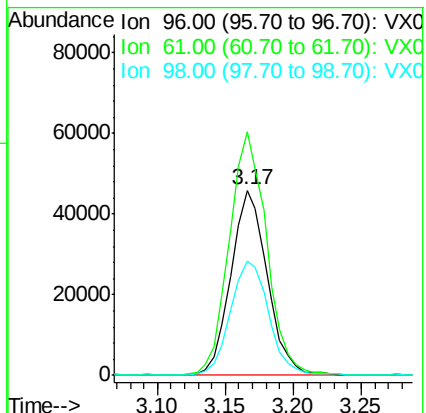
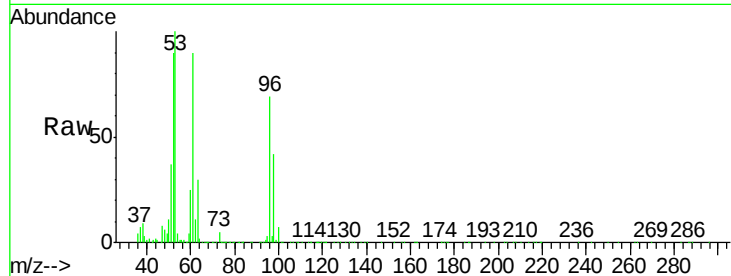
Tgt Ion: 96 Resp: 85690

Ion Ratio Lower Upper

96 100

61 131.4 109.9 164.9

98 61.8 50.4 75.6



#20

Diisopropyl ether

Concen: 18.597 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

Tgt Ion: 45 Resp: 263120

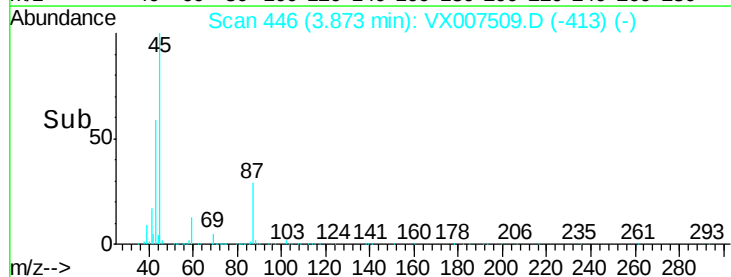
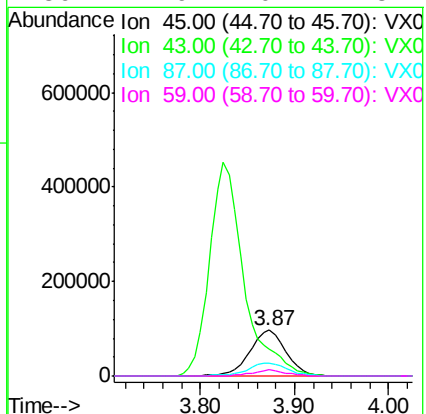
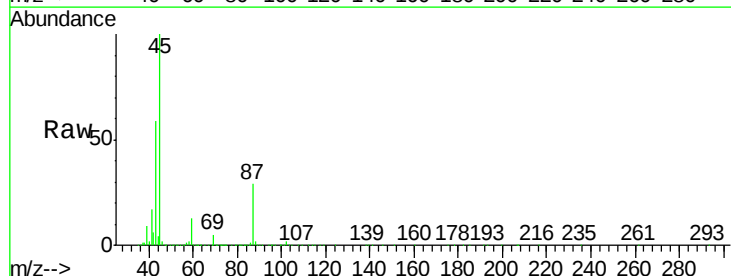
Ion Ratio Lower Upper

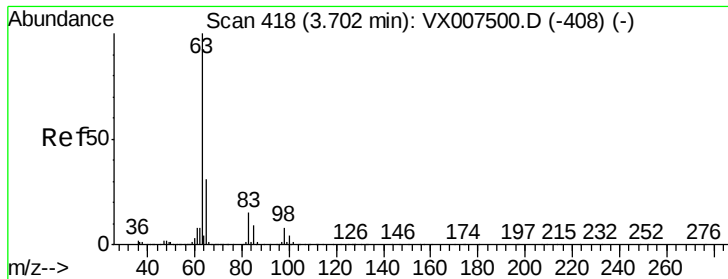
45 100

43 58.1 50.6 76.0

87 28.7 24.5 36.7

59 12.9 10.2 15.2





#21

1,1-Dichloroethane

Concen: 18.780 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.00 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBSD01

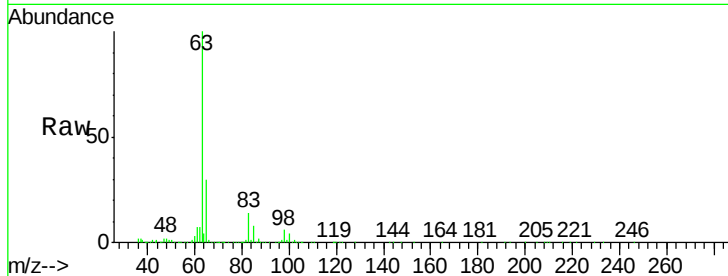
Tgt Ion: 63 Resp: 148961

Ion Ratio Lower Upper

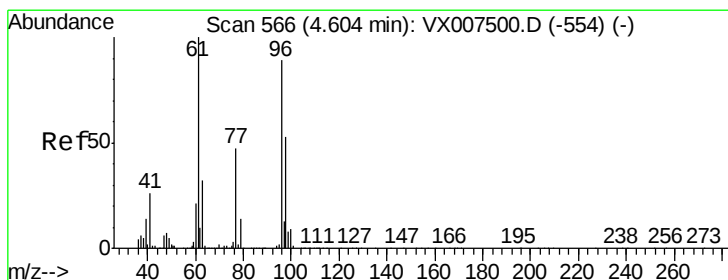
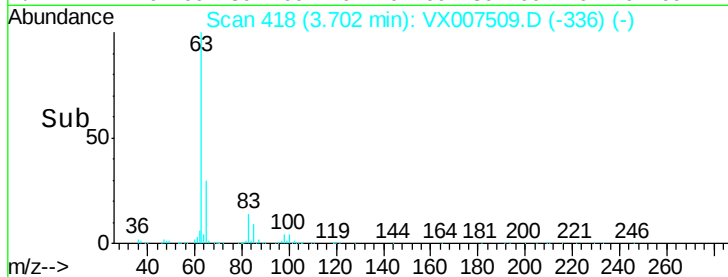
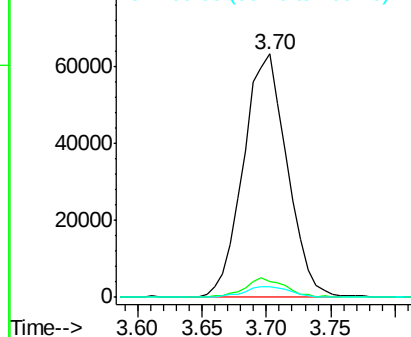
63 100

98 6.3 3.8 11.4

100 4.3 2.4 7.1



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 18.902 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.01 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

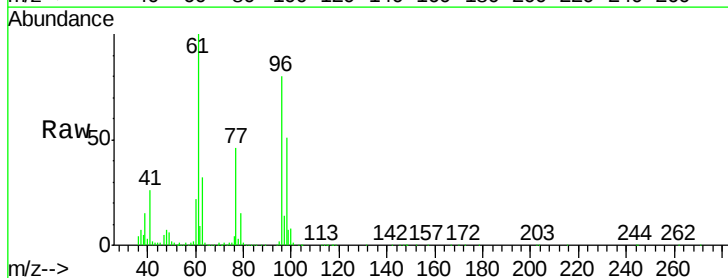
Tgt Ion: 96 Resp: 98309

Ion Ratio Lower Upper

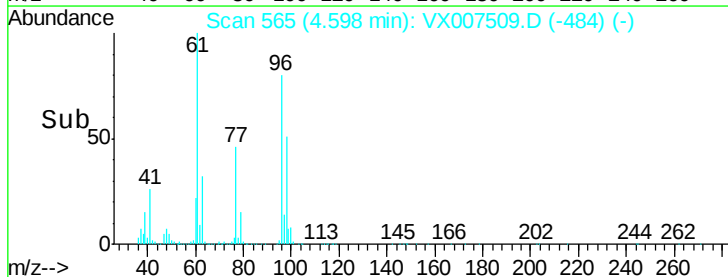
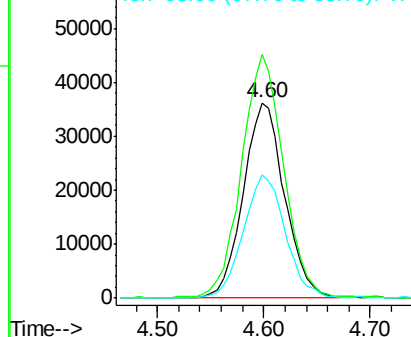
96 100

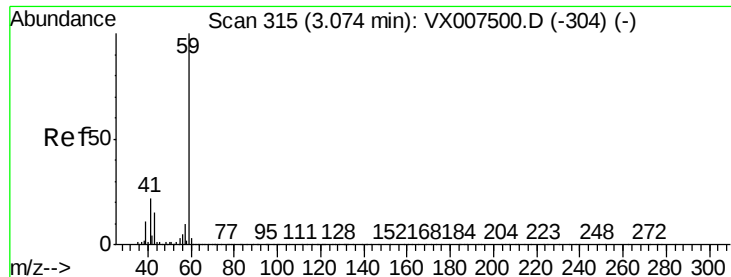
61 126.5 103.5 155.3

98 63.9 52.1 78.1



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





#23

tert-Butyl Alcohol

Concen: 95.380 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

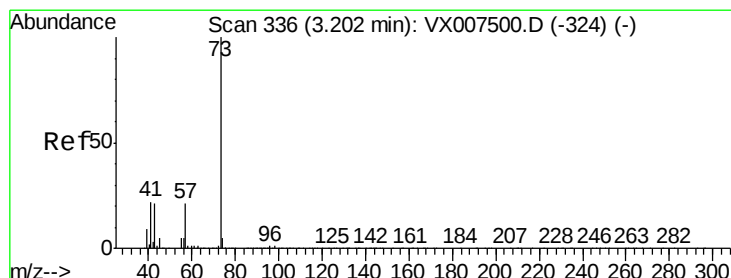
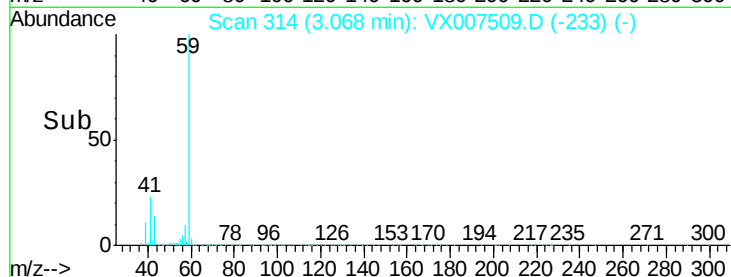
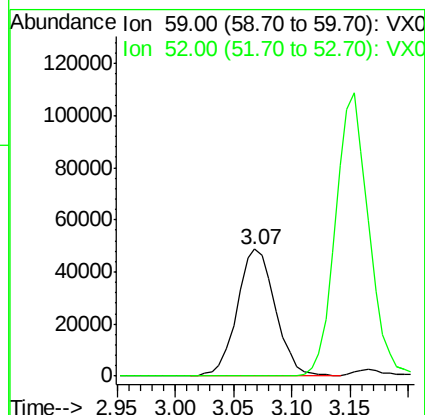
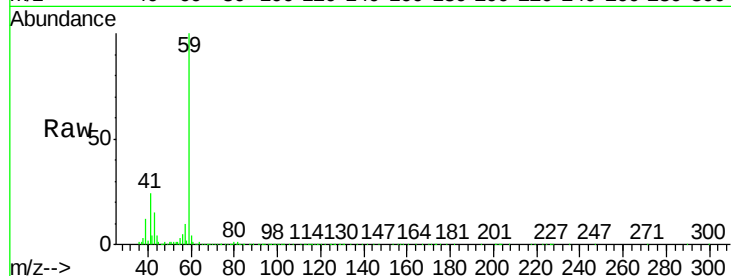
VX0213WBSD01

Tgt Ion: 59 Resp: 111311

Ion Ratio Lower Upper

59 100

52 0.2 0.2 0.2



#24

Methyl tert-Butyl Ether

Concen: 18.145 ug/l

RT: 3.21 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX007509.D

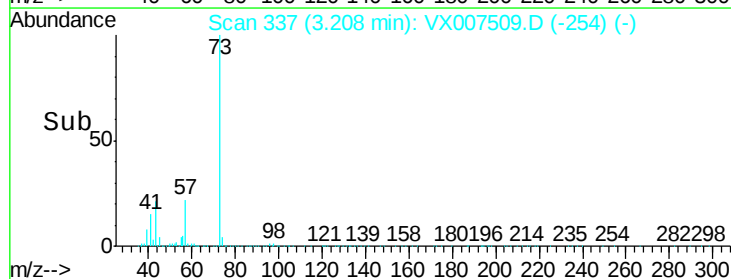
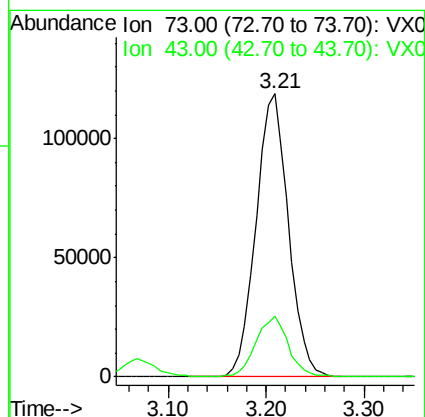
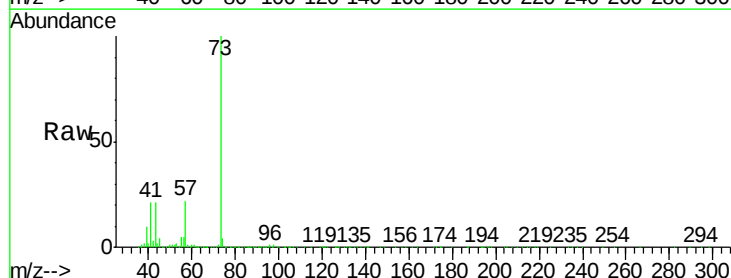
Acq: 13 Feb 2019 03:28

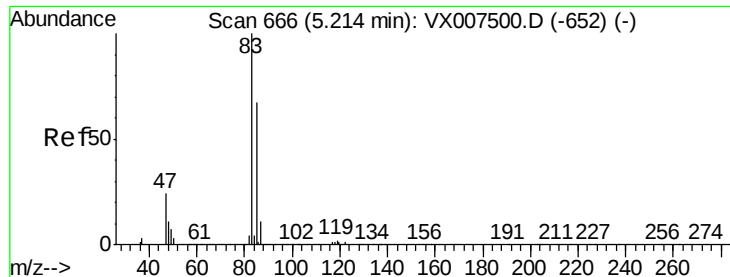
Tgt Ion: 73 Resp: 275155

Ion Ratio Lower Upper

73 100

43 21.1 17.1 25.7





#25

Chloroform

Concen: 18.668 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

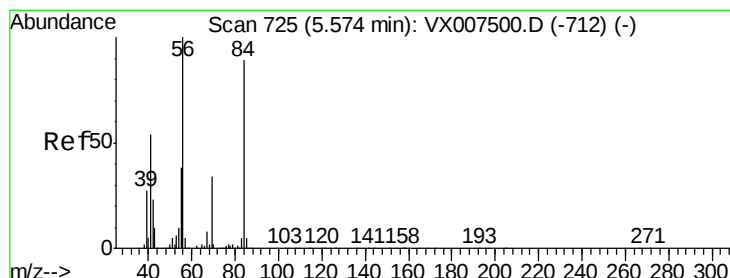
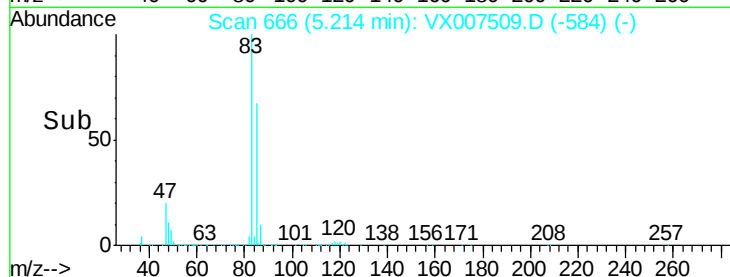
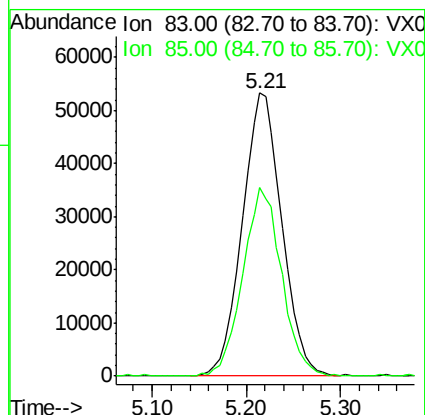
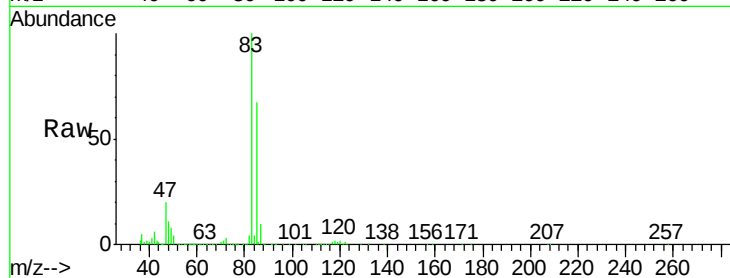
VX0213WBSD01

Tgt Ion: 83 Resp: 156393

Ion Ratio Lower Upper

83 100

85 66.6 53.8 80.6



#26

Cyclohexane

Concen: 18.300 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

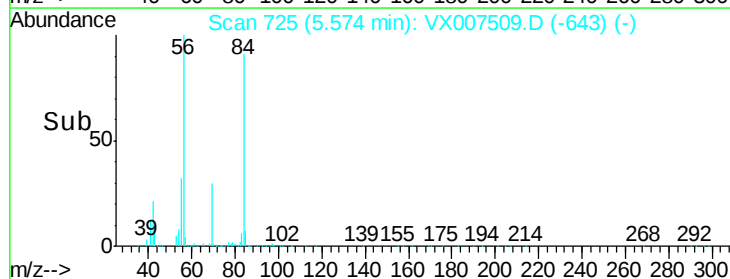
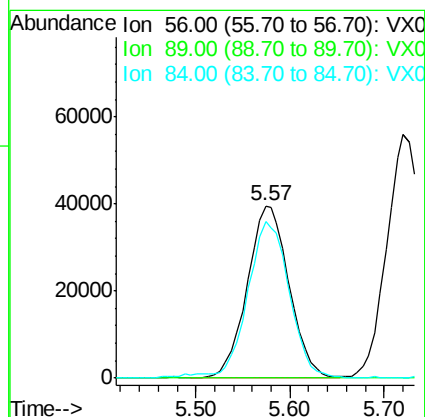
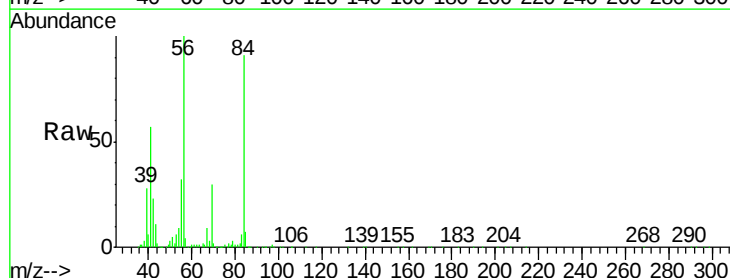
Tgt Ion: 56 Resp: 121718

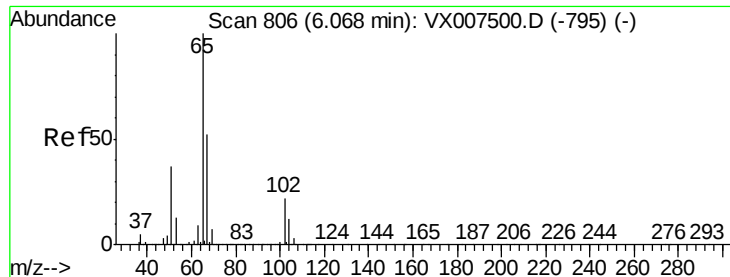
Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

84 90.2 73.9 110.9





#27

1,2-Dichloroethane-d4

Concen: 29.555 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

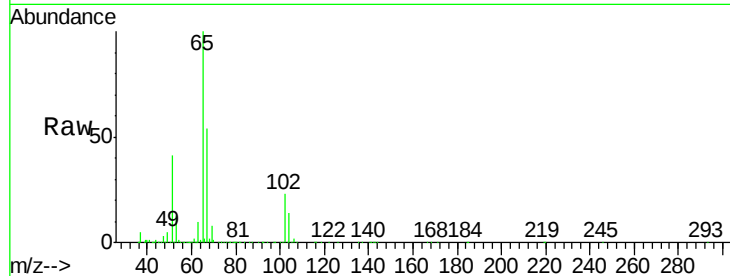
VX0213WBSD01

Tgt Ion: 65 Resp: 152060

Ion Ratio Lower Upper

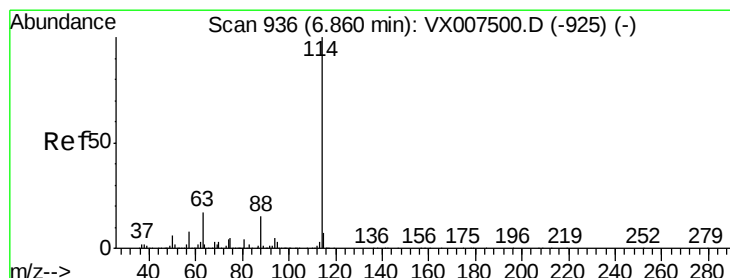
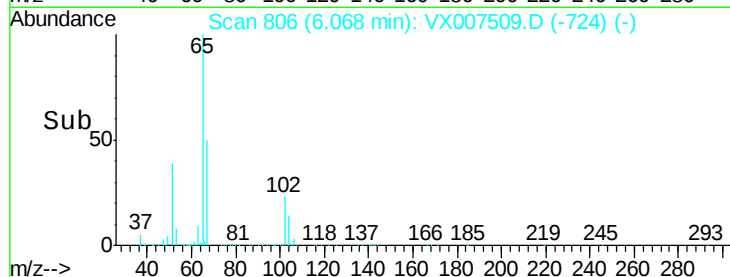
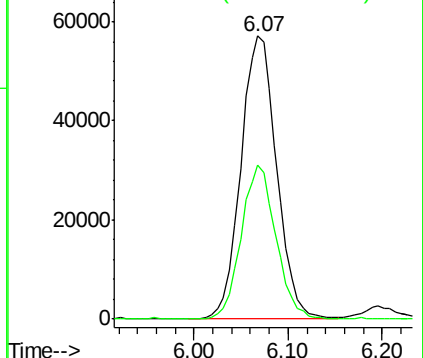
65 100

67 52.6 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

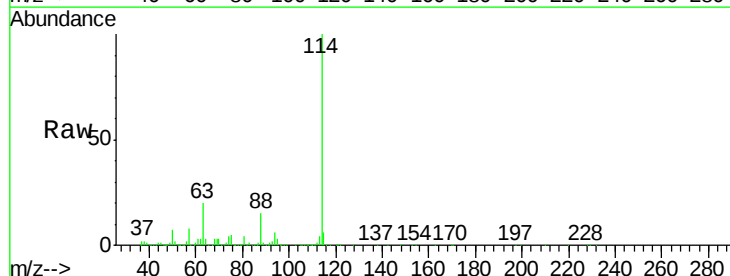
Tgt Ion: 114 Resp: 407686

Ion Ratio Lower Upper

114 100

63 18.6 14.2 21.4

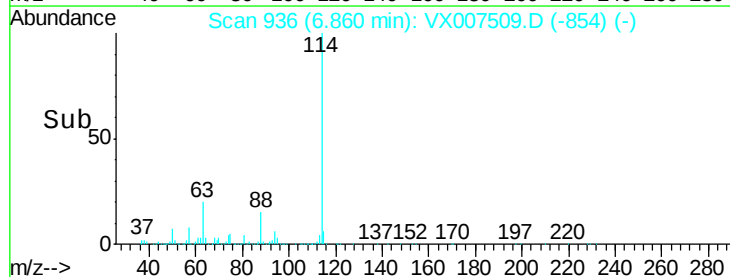
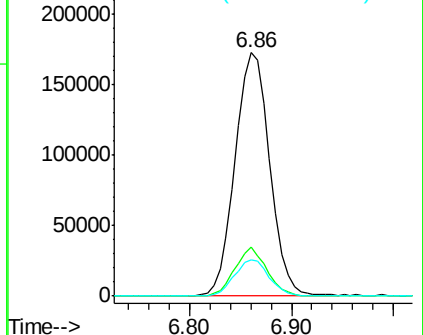
88 15.0 11.9 17.9

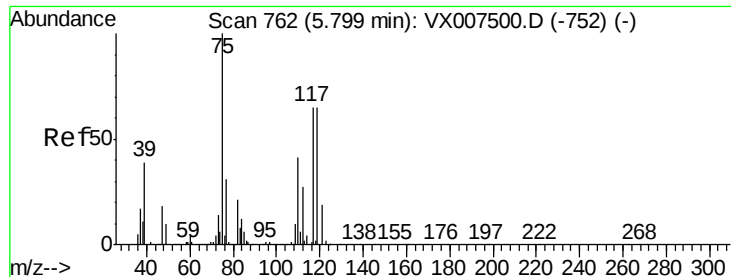


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

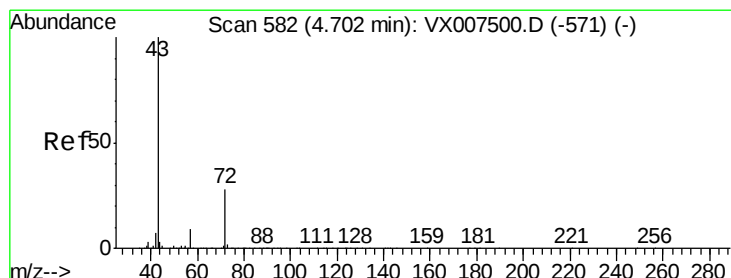
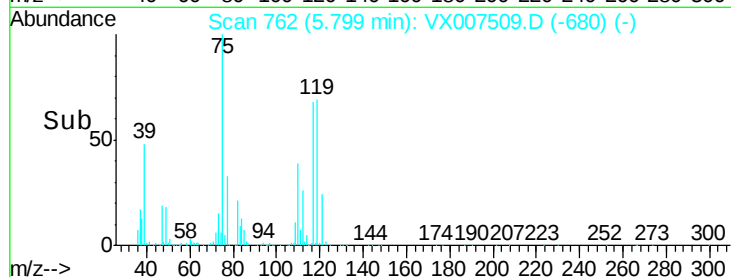
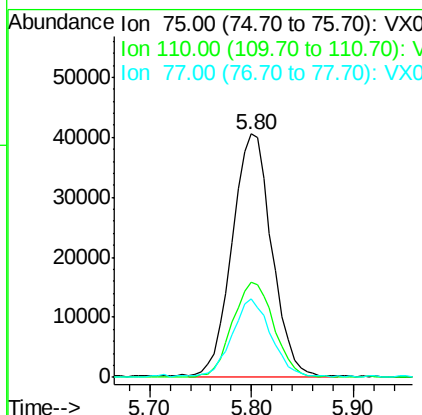
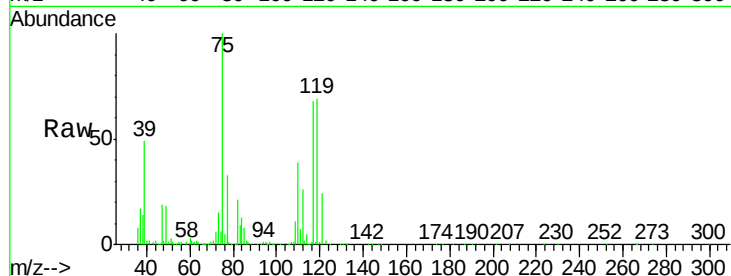




#29
 1,1-Dichloropropene
 Concen: 19.194 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007509.D
 Acq: 13 Feb 2019 03:28

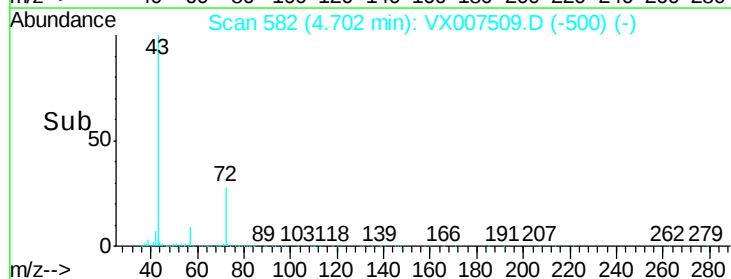
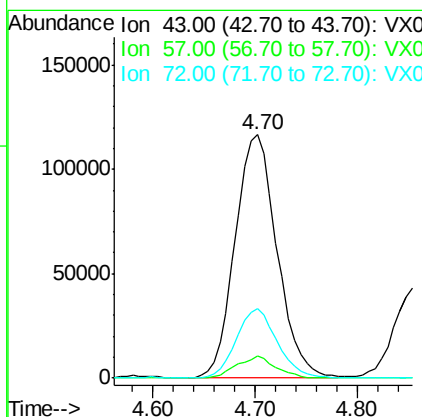
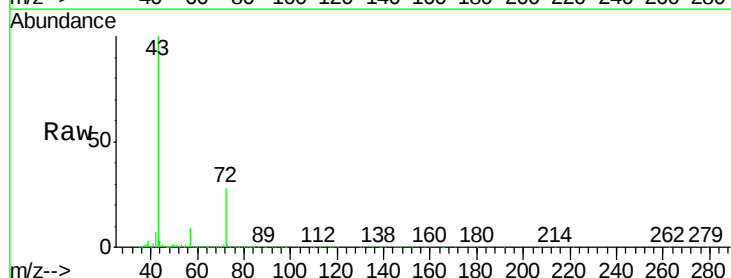
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0213WBSD01

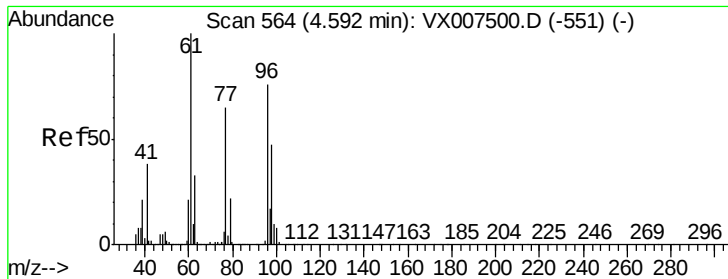
Tgt Ion	Ratio	Lower	Upper
75	100		
110	41.0	0.0	80.8
77	31.4	0.0	62.4



#30
 2-Butanone
 Concen: 98.127 ug/l
 RT: 4.70 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX007509.D
 Acq: 13 Feb 2019 03:28

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.4	7.0	10.6
72	28.1	21.5	32.3





#31

2,2-Dichloropropane

Concen: 17.109 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.01 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

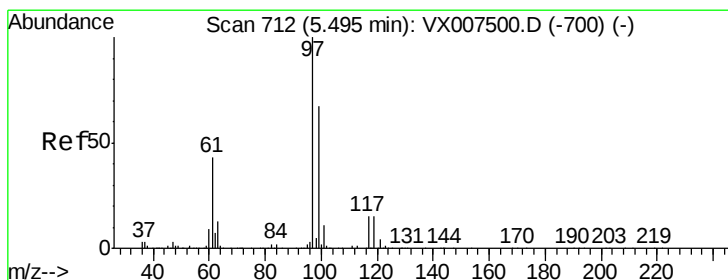
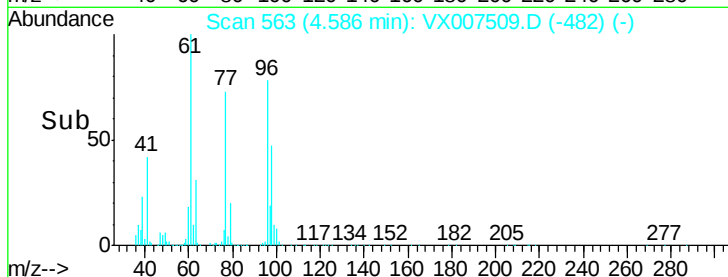
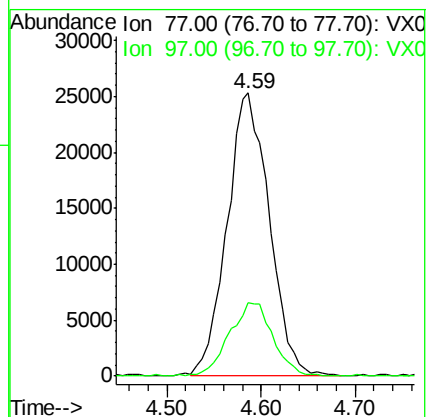
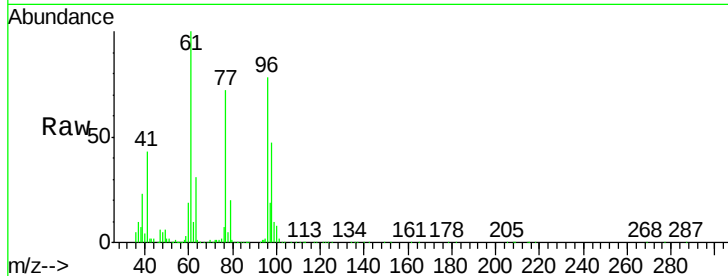
VX0213WBSD01

Tgt Ion: 77 Resp: 79046

Ion Ratio Lower Upper

77 100

97 26.7 20.6 31.0



#32

1,1,1-Trichloroethane

Concen: 19.136 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

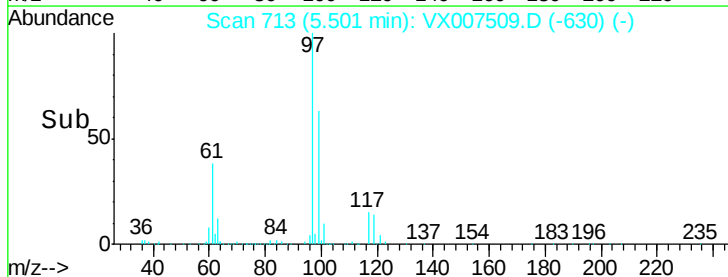
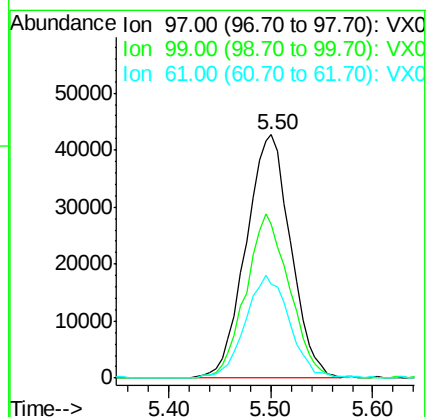
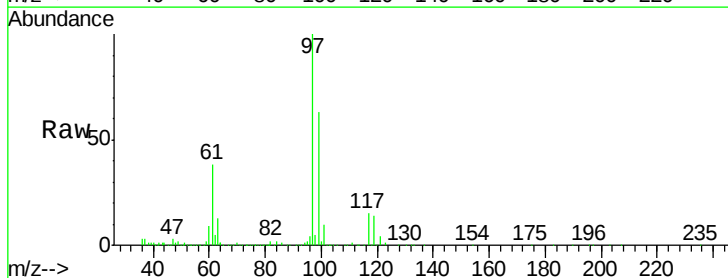
Tgt Ion: 97 Resp: 130069

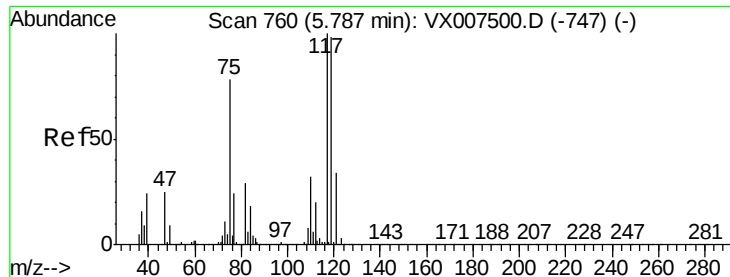
Ion Ratio Lower Upper

97 100

99 65.6 51.7 77.5

61 41.3 32.8 49.2





#33

Carbon Tetrachloride

Concen: 18.831 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBSD01

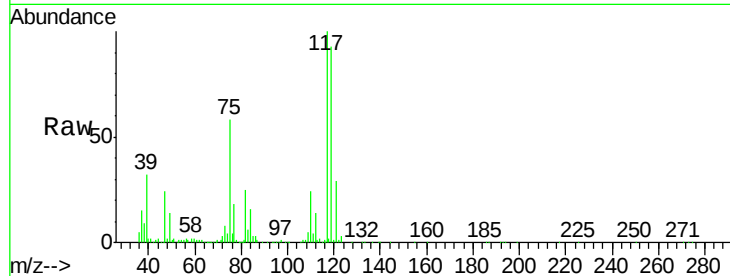
Tgt Ion:117 Resp: 113152

Ion Ratio Lower Upper

117 100

119 93.2 78.1 117.1

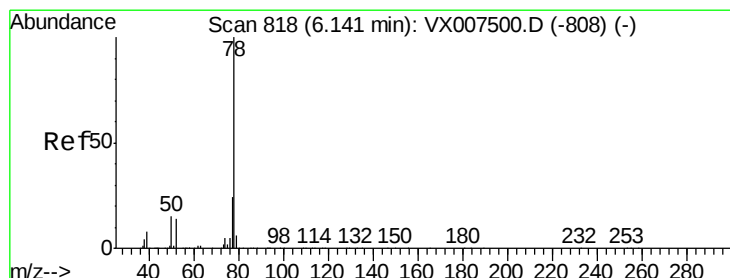
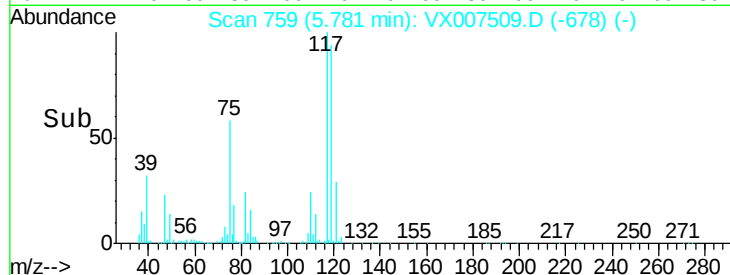
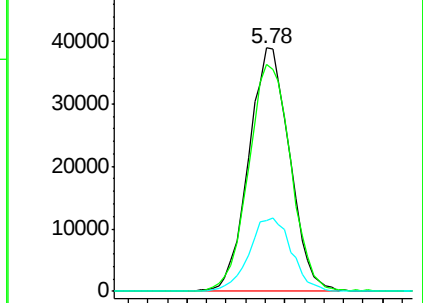
121 29.0 27.0 40.6



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: 19.471 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

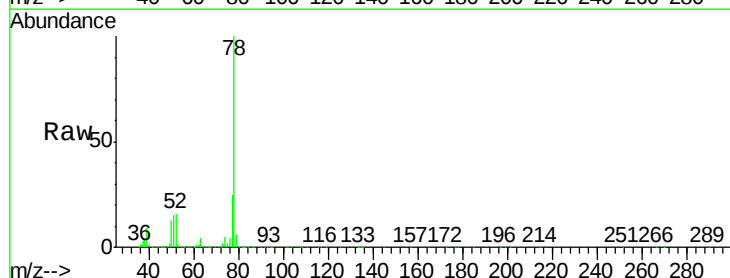
Tgt Ion: 78 Resp: 349072

Ion Ratio Lower Upper

78 100

77 24.4 19.1 28.7

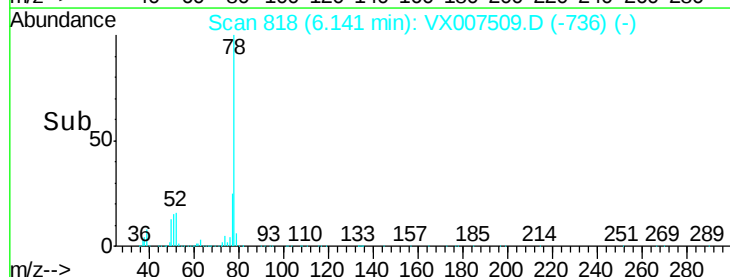
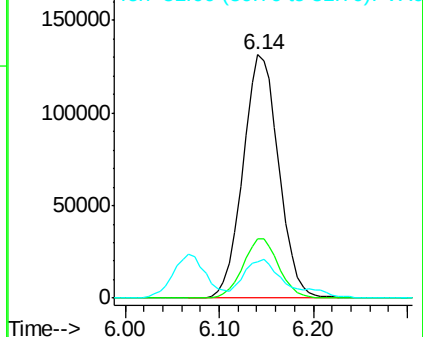
51 14.2 10.8 16.2

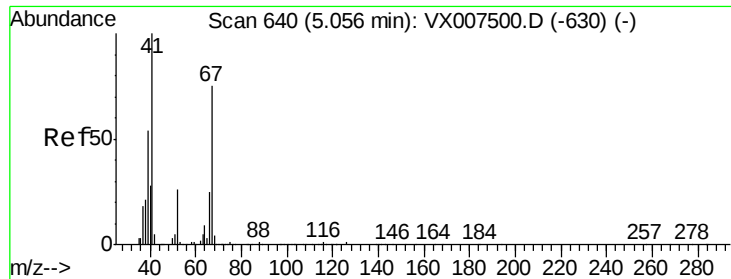


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

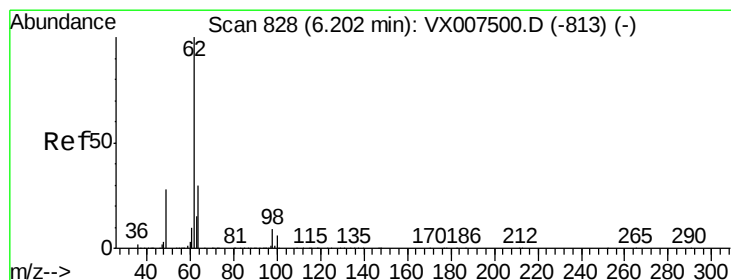
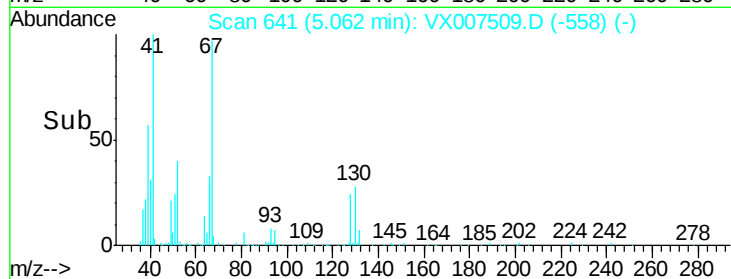
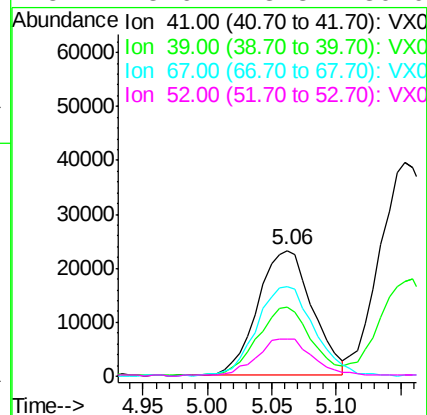
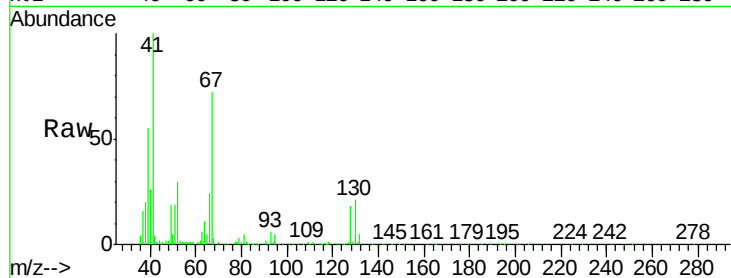




#35
Methacrylonitrile
Concen: 19.468 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007509.D
Acq: 13 Feb 2019 03:28

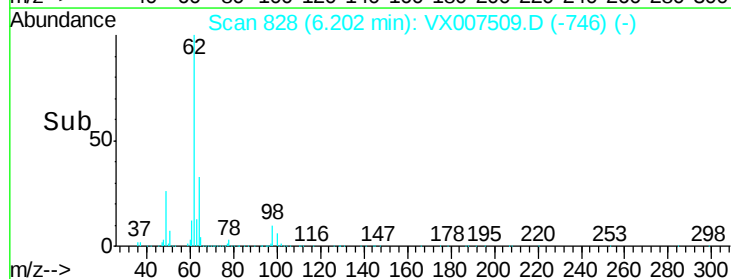
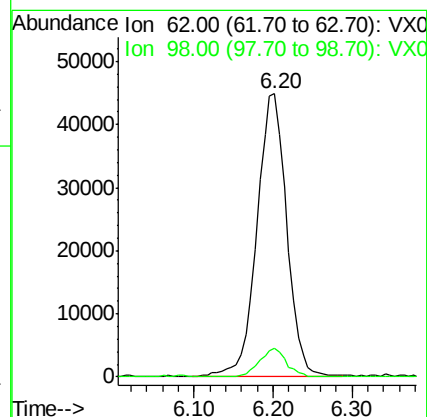
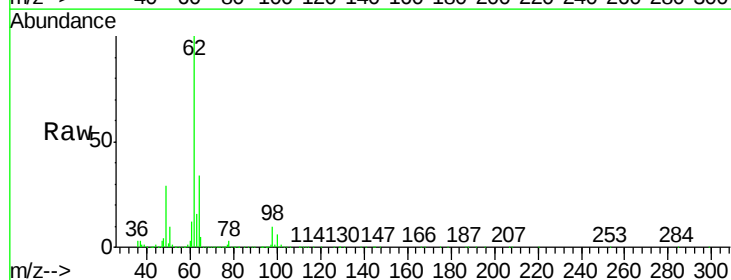
Instrument :
MSVOA_X
ClientSampleId :
VX0213WBSD01

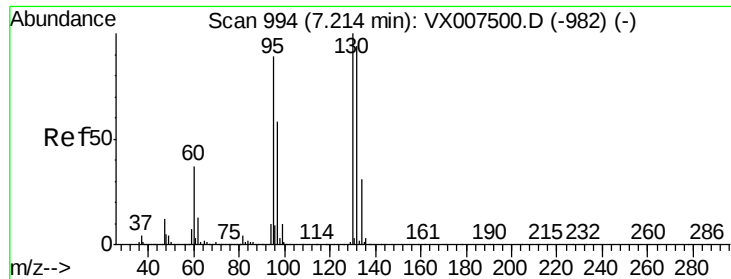
Tgt Ion:	41	Resp:	68120
Ion	Ratio	Lower	Upper
41	100		
39	54.8	27.4	82.0
67	71.5	37.9	113.6
52	28.6	13.3	39.9



#36
1,2-Dichloroethane
Concen: 19.434 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.00 min
Lab File: VX007509.D
Acq: 13 Feb 2019 03:28

Tgt Ion:	62	Resp:	118568
Ion	Ratio	Lower	Upper
62	100		
98	9.1	7.8	11.8





#37

Trichloroethene

Concen: 19.138 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

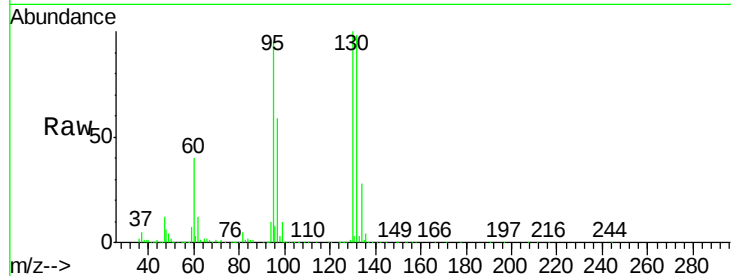
VX0213WBSD01

Tgt Ion:130 Resp: 98643

Ion Ratio Lower Upper

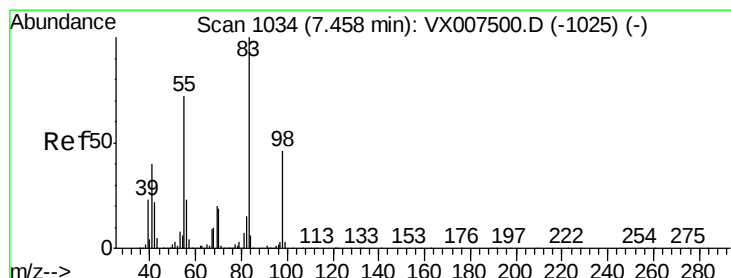
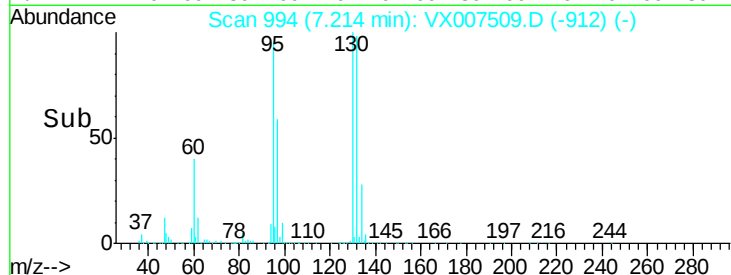
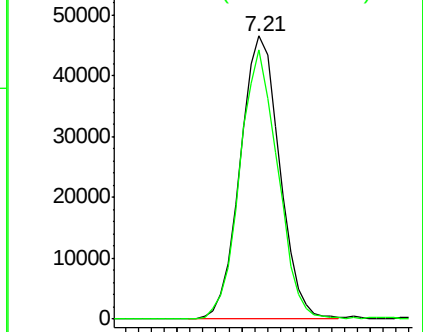
130 100

95 94.9 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: 17.903 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

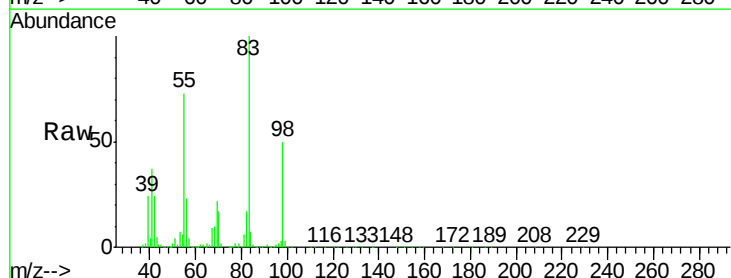
Tgt Ion: 83 Resp: 117855

Ion Ratio Lower Upper

83 100

55 71.3 36.0 108.0

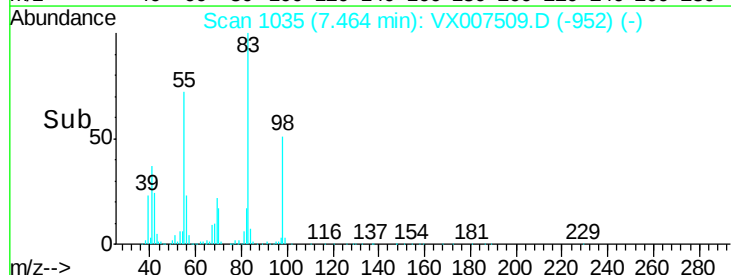
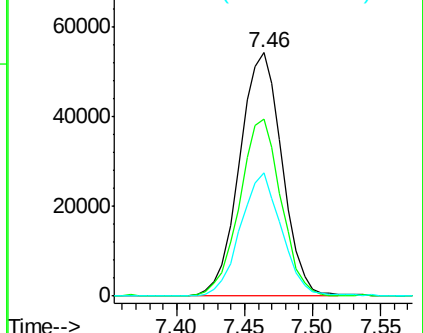
98 49.0 23.8 71.4

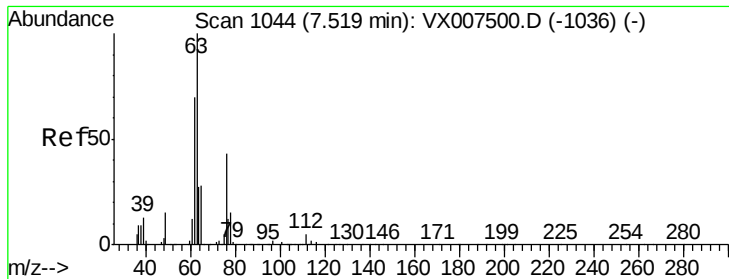


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

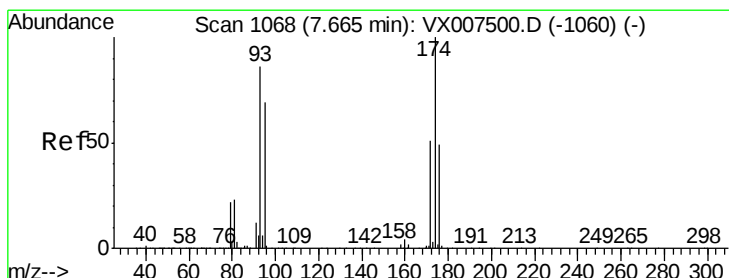
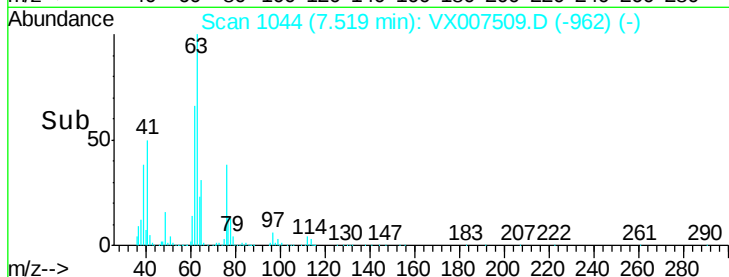
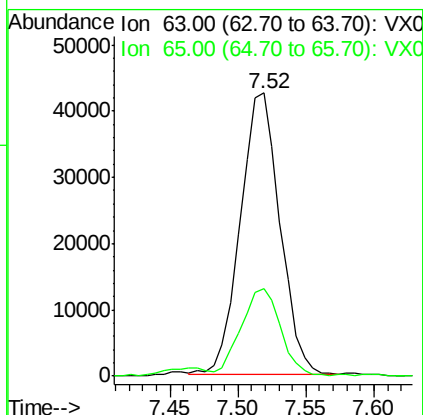
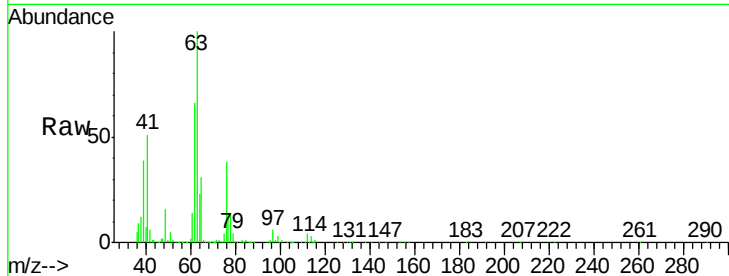




#39
 1,2-Dichloropropane
 Concen: 19.532 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX007509.D
 Acq: 13 Feb 2019 03:28

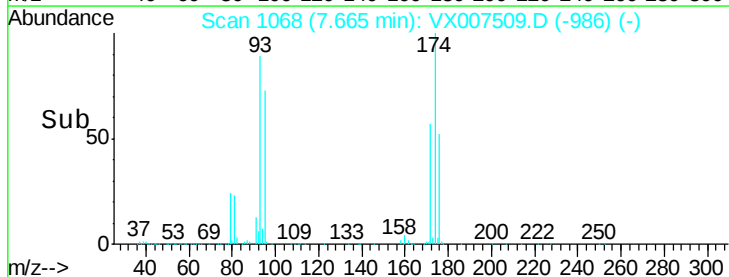
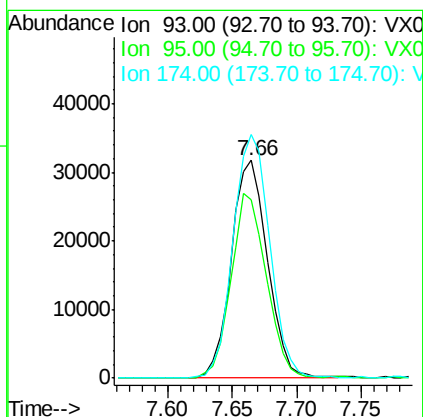
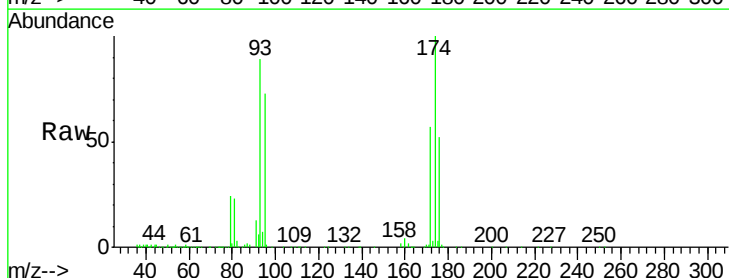
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0213WBSD01

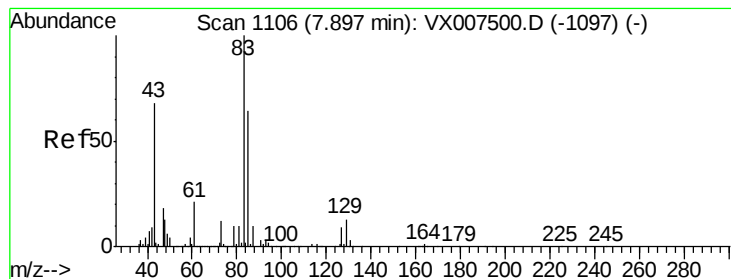
Tgt Ion: 63 Resp: 87095
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.6 37.0



#40
 Dibromomethane
 Concen: 19.306 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX007509.D
 Acq: 13 Feb 2019 03:28

Tgt Ion: 93 Resp: 62174
 Ion Ratio Lower Upper
 93 100
 95 82.6 0.0 158.8
 174 113.0 0.0 224.2





#41

Bromodichloromethane

Concen: 18.427 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBSD01

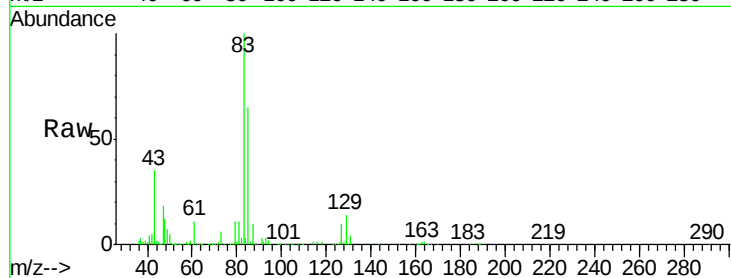
Tgt Ion: 83 Resp: 105314

Ion Ratio Lower Upper

83 100

85 64.8 51.1 76.7

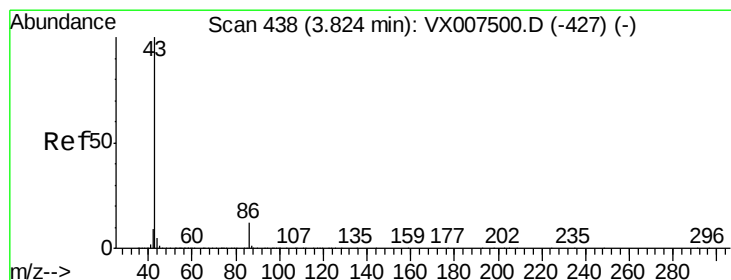
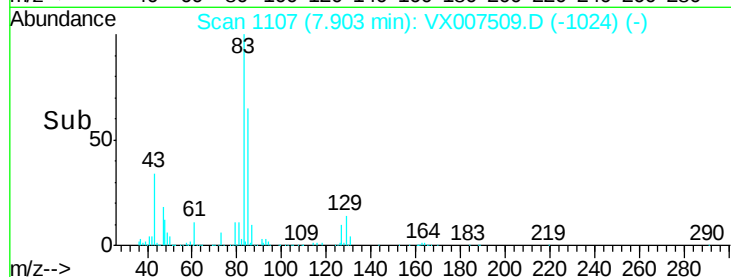
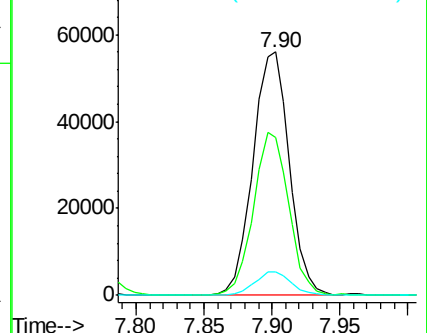
127 9.7 7.2 10.8



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: 97.307 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007509.D

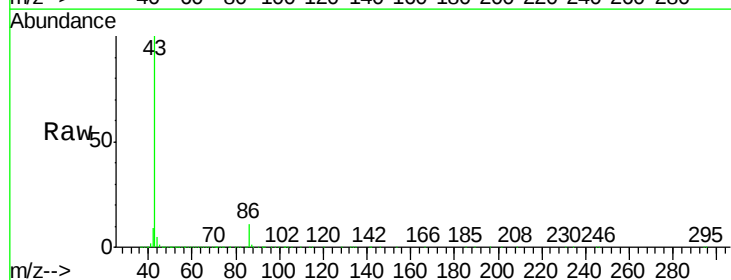
Acq: 13 Feb 2019 03:28

Tgt Ion: 43 Resp: 1146253

Ion Ratio Lower Upper

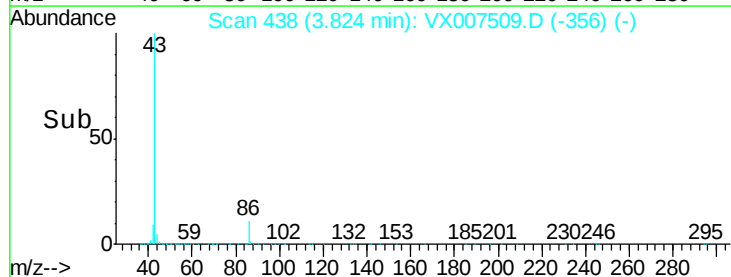
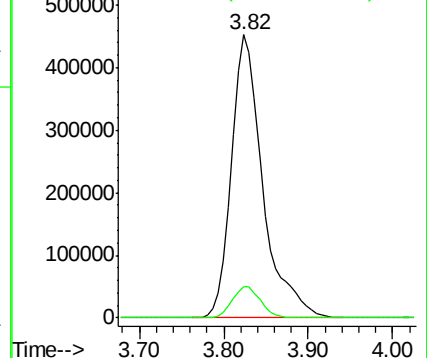
43 100

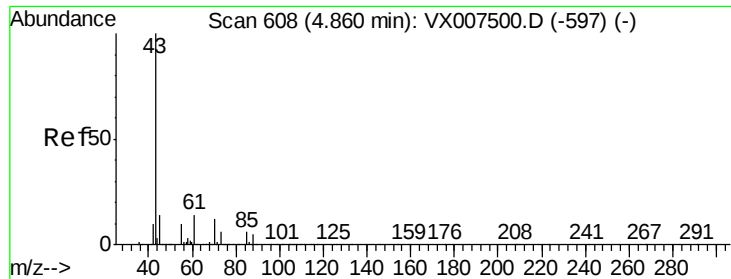
86 10.0 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 0.251 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.28 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

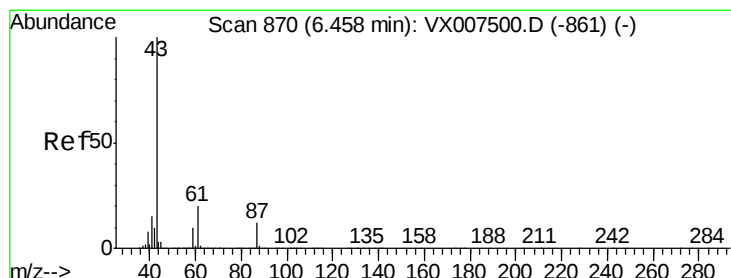
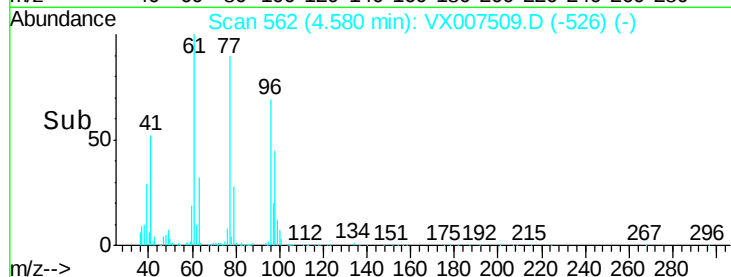
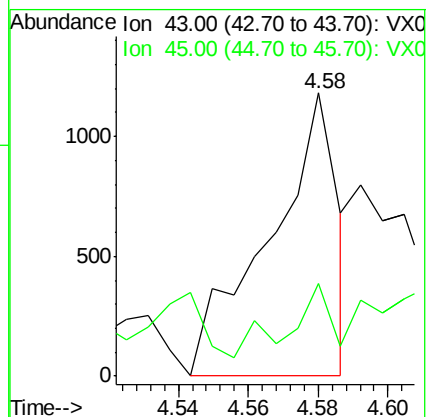
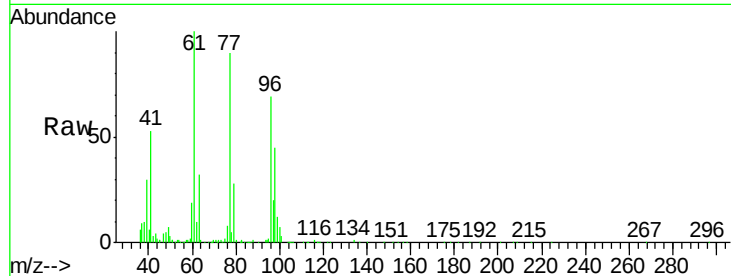
VX0213WBSD01

Tgt Ion: 43 Resp: 1618

Ion Ratio Lower Upper

43 100

45 7.7 6.9 10.3



#44

Isopropyl Acetate

Concen: 18.904 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007509.D

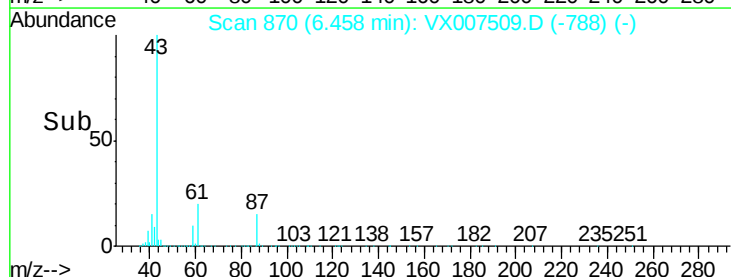
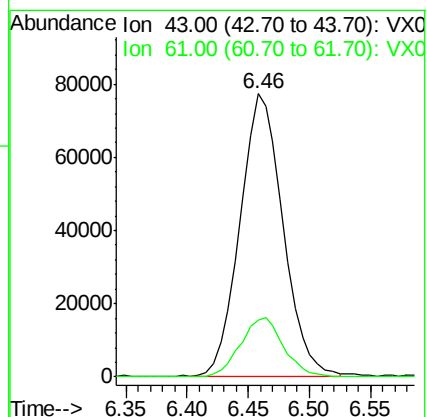
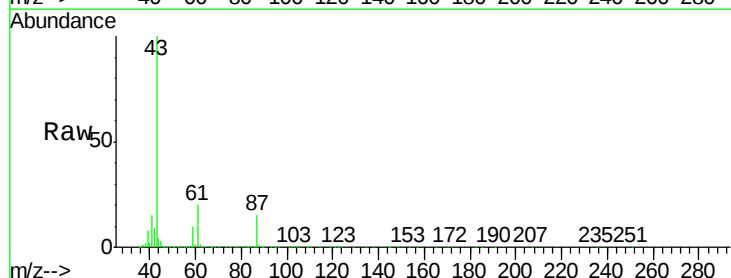
Acq: 13 Feb 2019 03:28

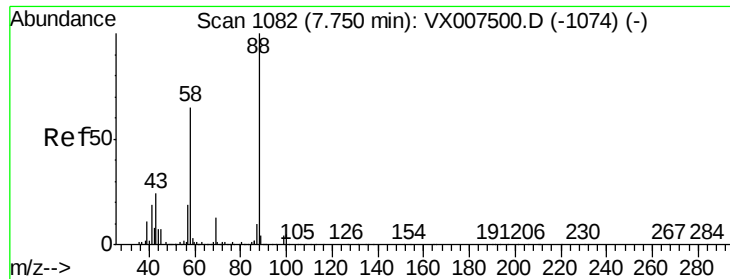
Tgt Ion: 43 Resp: 188104

Ion Ratio Lower Upper

43 100

61 21.0 16.1 24.1





#45

1,4-Dioxane

Concen: 391.873 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBSD01

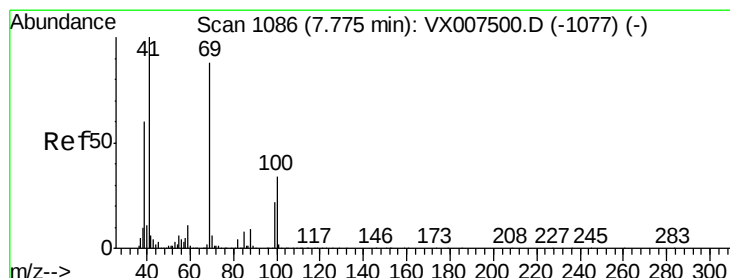
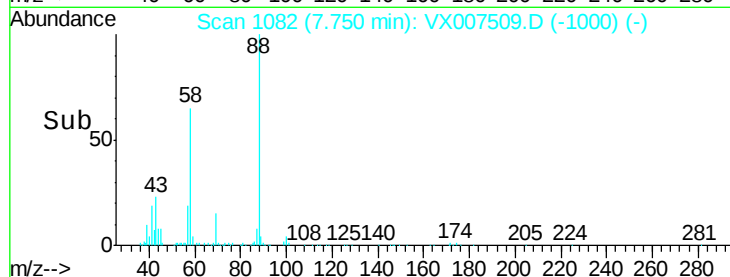
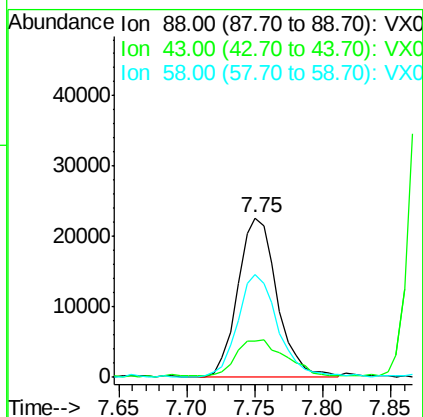
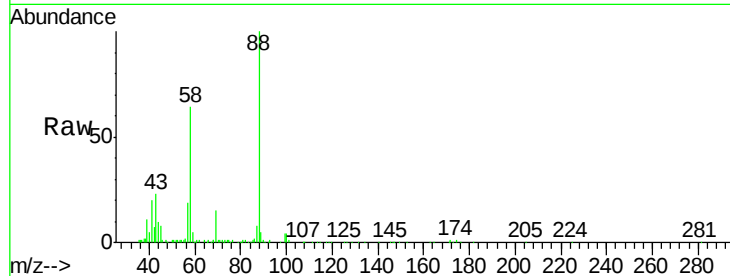
Tgt Ion: 88 Resp: 46020

Ion Ratio Lower Upper

88 100

43 28.0 23.6 35.4

58 66.6 51.6 77.4



#46

Methyl methacrylate

Concen: 19.100 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

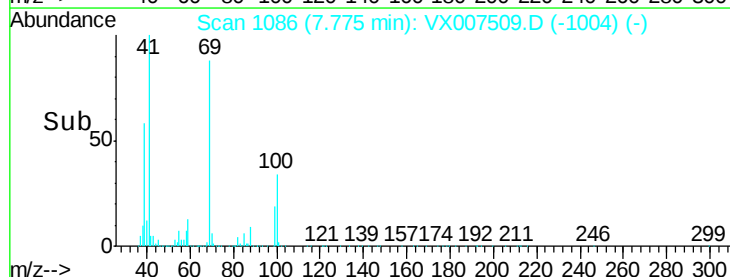
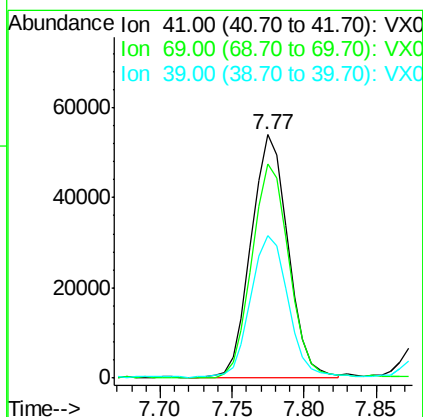
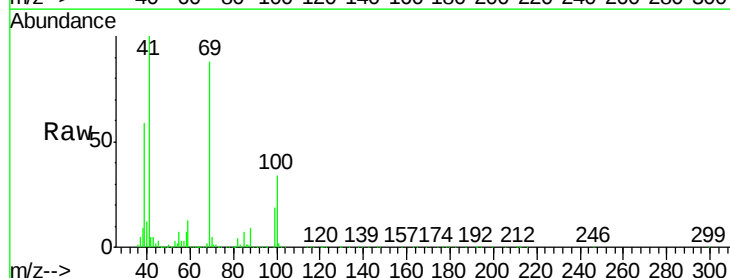
Tgt Ion: 41 Resp: 96240

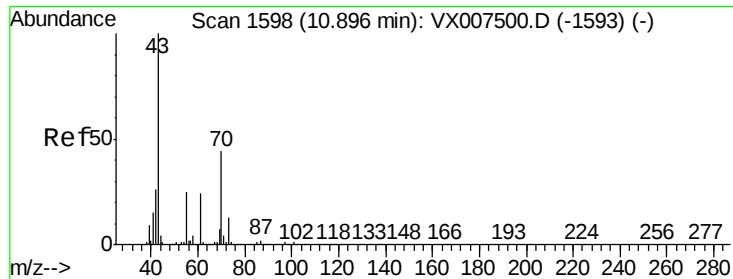
Ion Ratio Lower Upper

41 100

69 88.6 44.2 132.6

39 58.6 29.9 89.8





#47

n-amy1 Acetate

Concen: 18.761 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

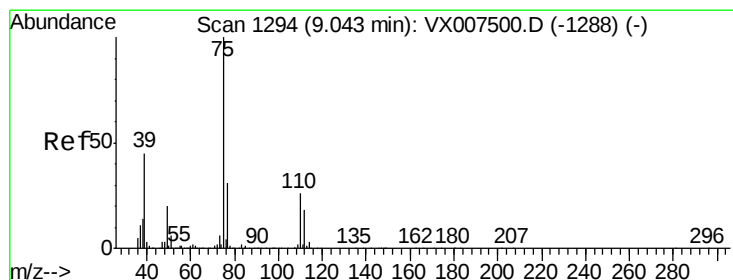
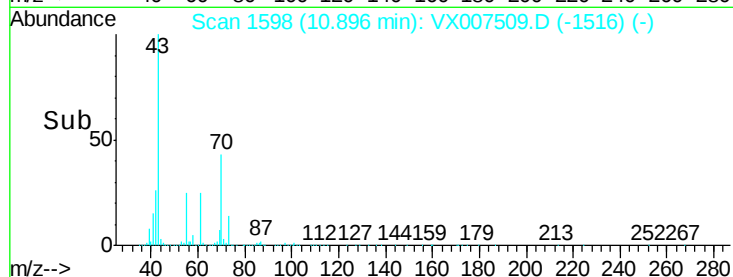
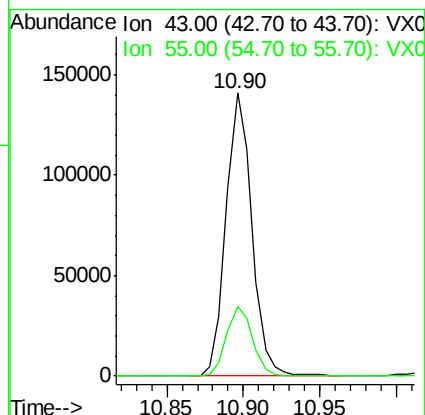
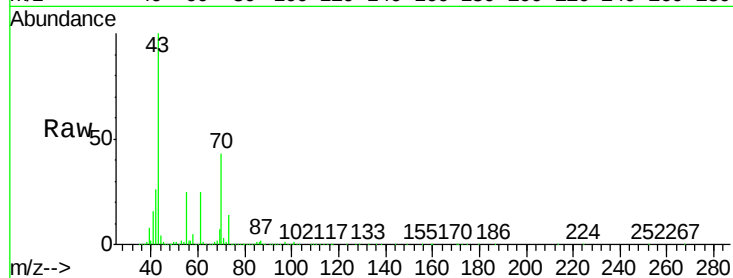
VX0213WBSD01

Tgt Ion: 43 Resp: 164547

Ion Ratio Lower Upper

43 100

55 25.0 20.8 31.2



#48

t-1,3-Dichloropropene

Concen: 18.011 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007509.D

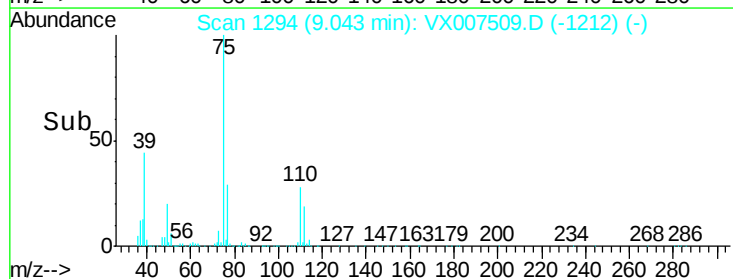
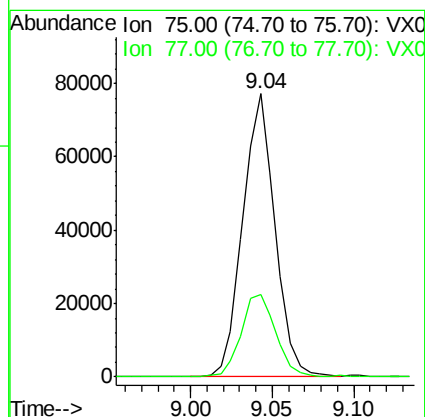
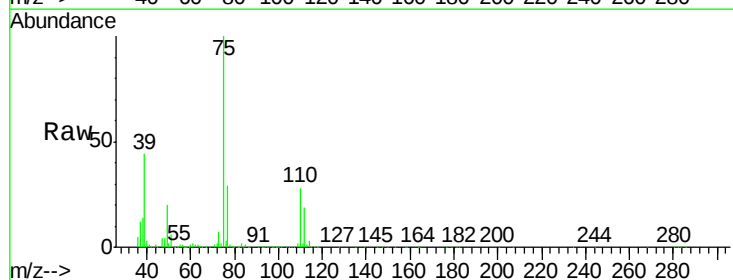
Acq: 13 Feb 2019 03:28

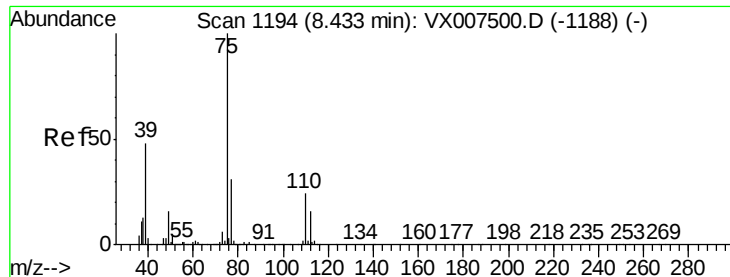
Tgt Ion: 75 Resp: 106264

Ion Ratio Lower Upper

75 100

77 29.0 24.5 36.7



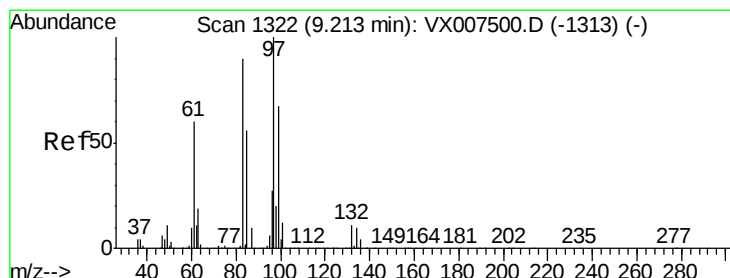
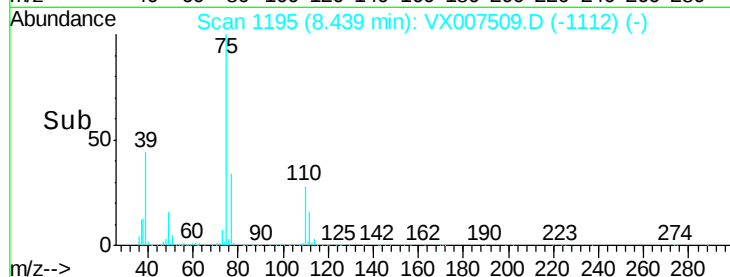
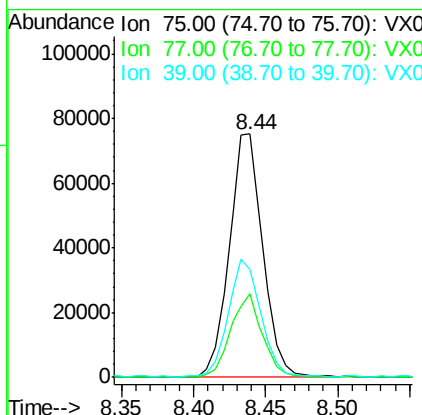
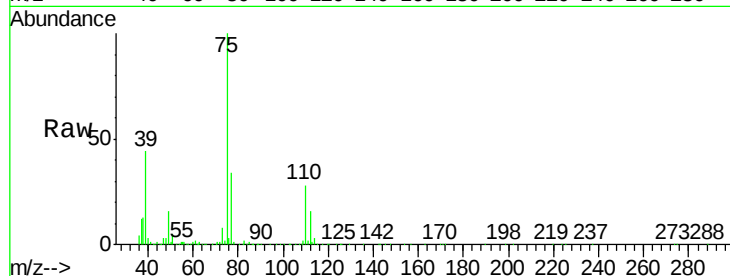


#49

cis-1,3-Dichloropropene
 Concen: 18.547 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX007509.D
 Acq: 13 Feb 2019 03:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0213WBSD01

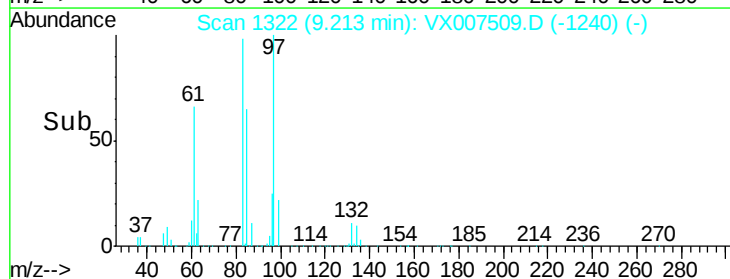
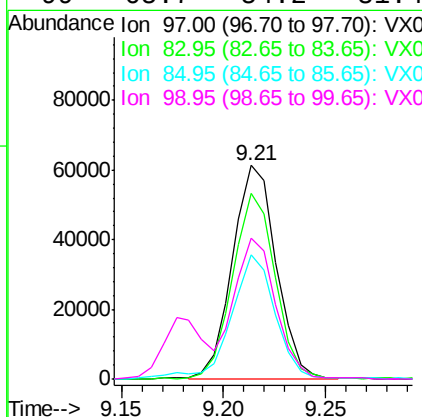
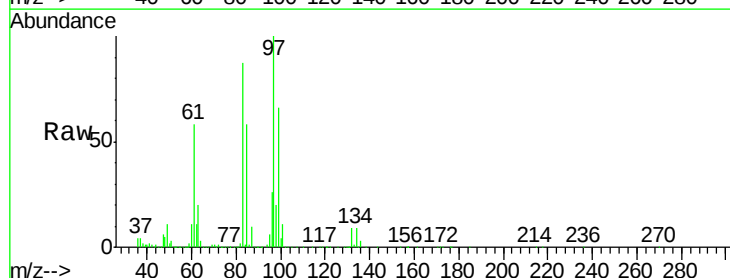
Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.0	25.0	37.4
39	44.2	38.5	57.7

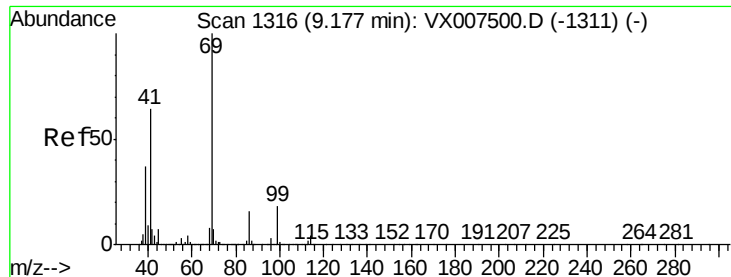


#50

1,1,2-Trichloroethane
 Concen: 19.441 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007509.D
 Acq: 13 Feb 2019 03:28

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.7	72.0	108.0
85	57.7	45.0	67.6
99	65.7	54.2	81.4





#51

Ethyl methacrylate

Concen: 18.725 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBSD01

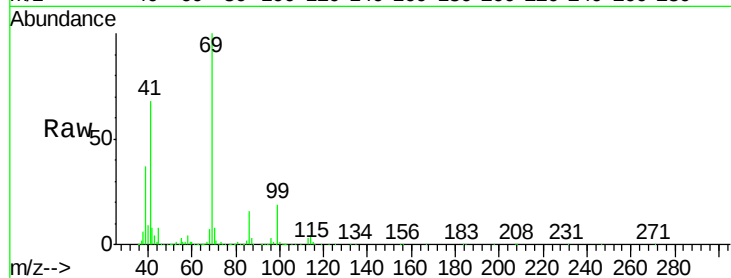
Tgt Ion: 69 Resp: 127474

Ion Ratio Lower Upper

69 100

41 67.3 32.1 96.5

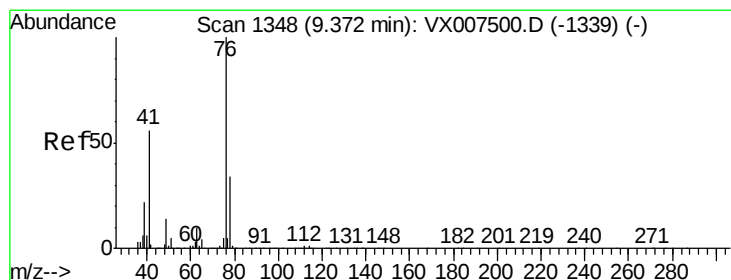
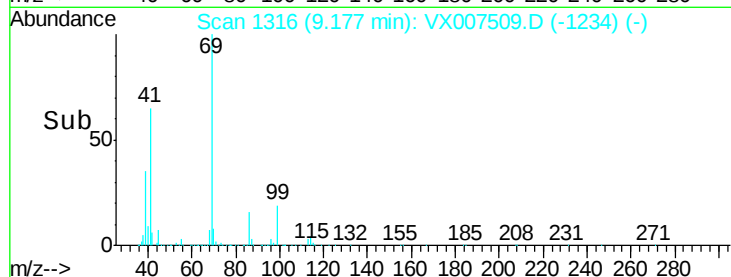
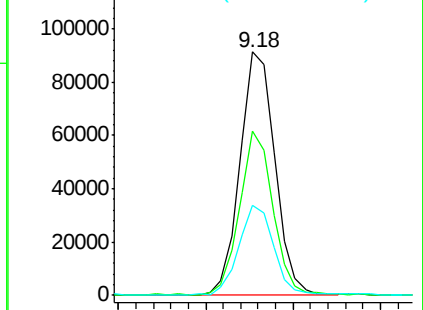
39 36.7 18.8 56.3



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: 19.317 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007509.D

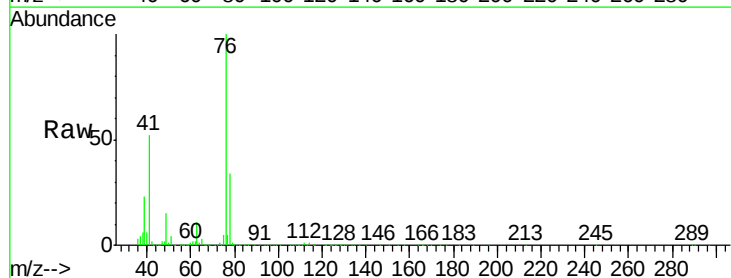
Acq: 13 Feb 2019 03:28

Tgt Ion: 76 Resp: 146313

Ion Ratio Lower Upper

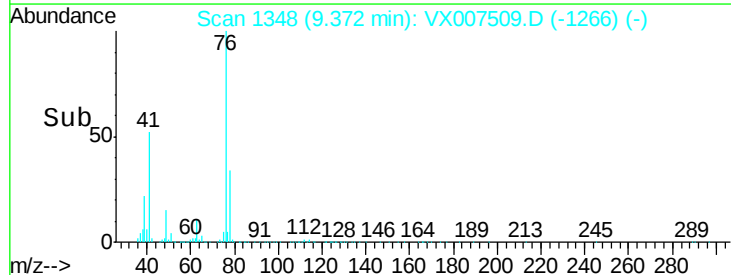
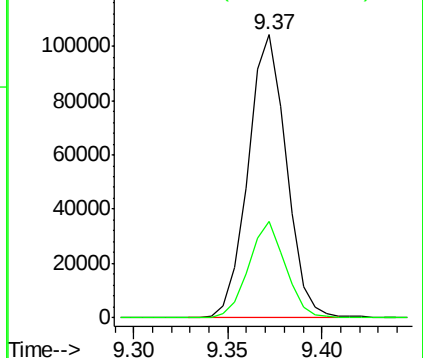
76 100

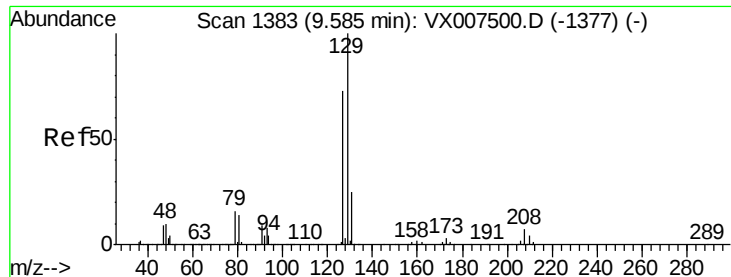
78 32.7 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.468 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.01 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

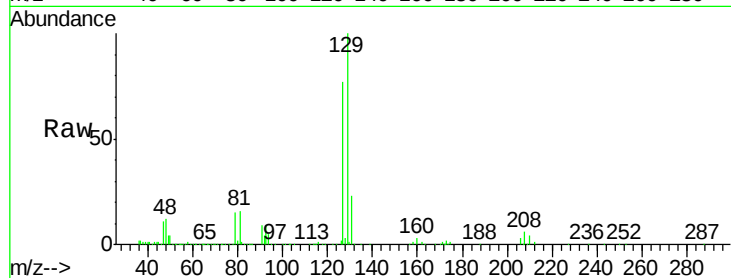
VX0213WBSD01

Tgt Ion:129 Resp: 90201

Ion Ratio Lower Upper

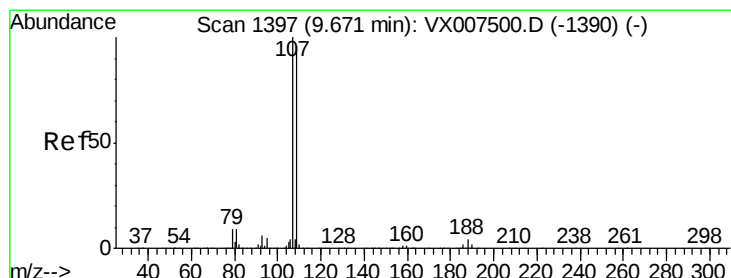
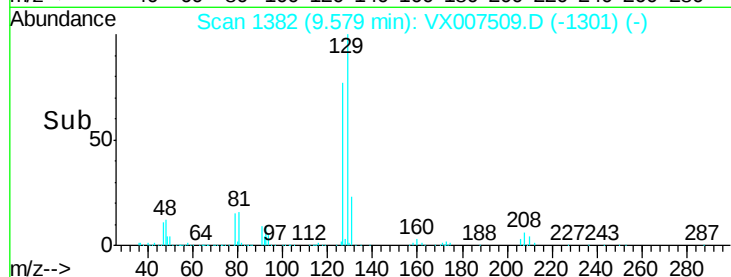
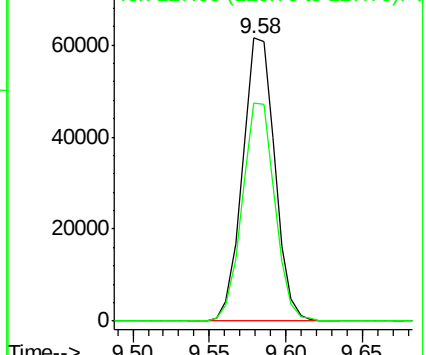
129 100

127 77.8 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: 19.384 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007509.D

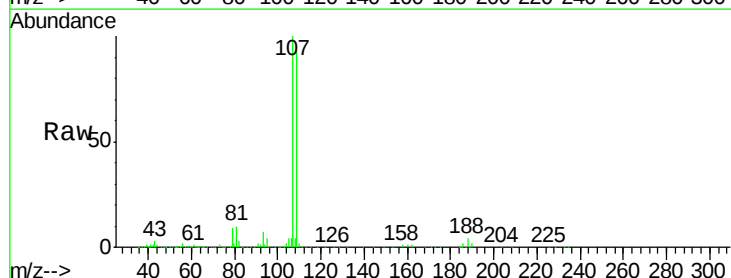
Acq: 13 Feb 2019 03:28

Tgt Ion:107 Resp: 99668

Ion Ratio Lower Upper

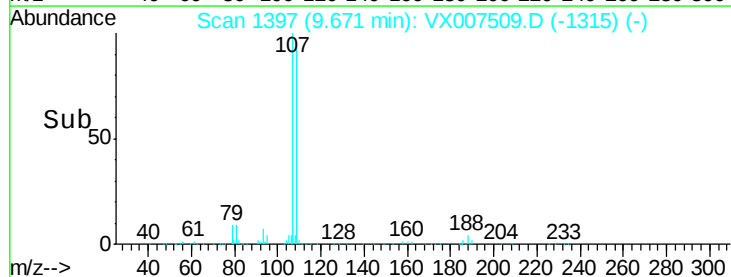
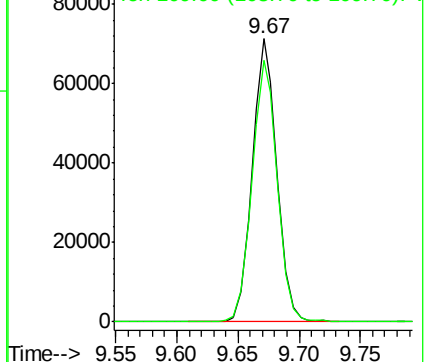
107 100

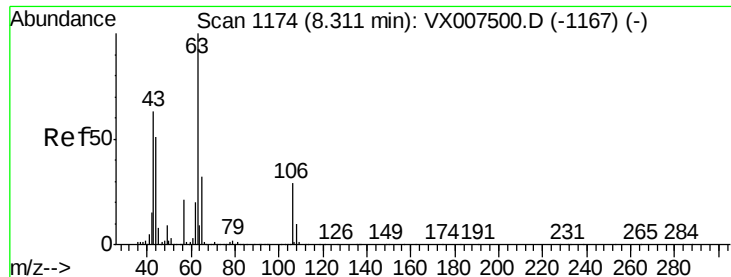
109 94.7 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

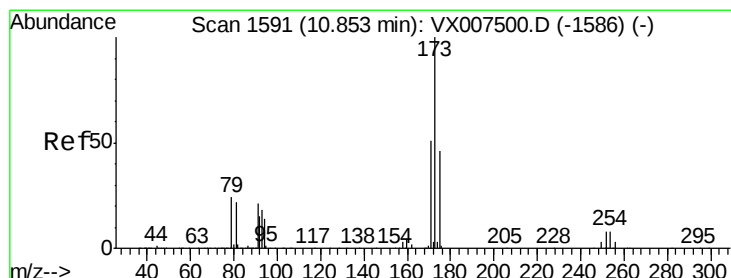
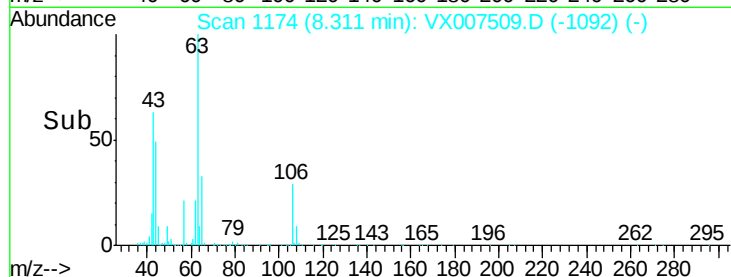
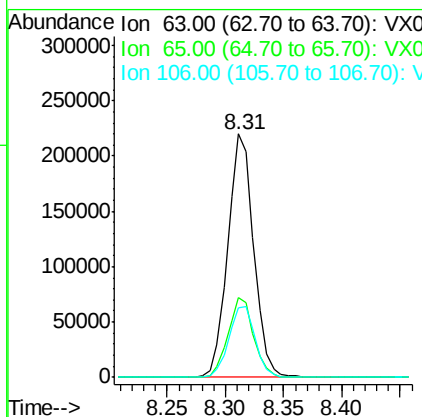
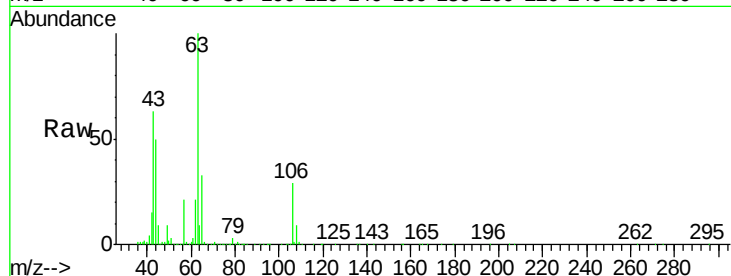




#55
 2-Chloroethyl vinyl ether
 Concen: 97.978 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX007509.D
 Acq: 13 Feb 2019 03:28

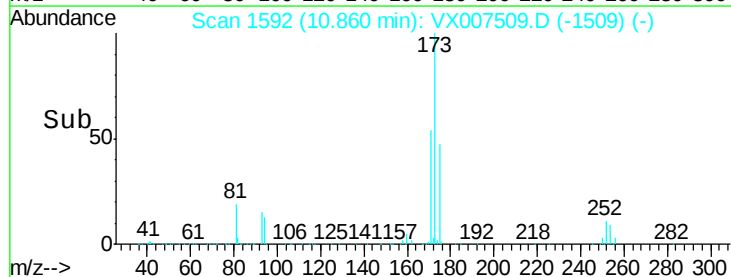
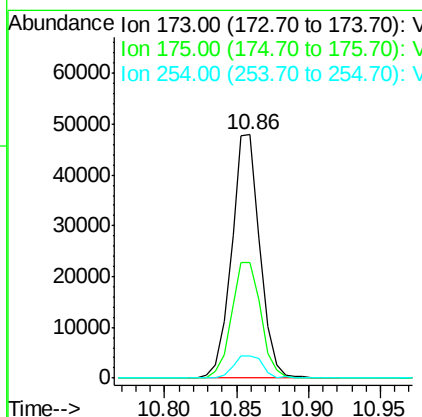
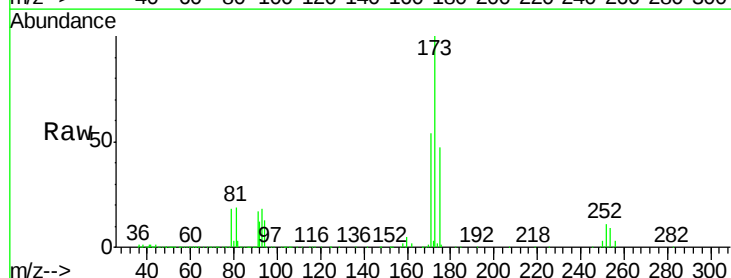
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0213WBSD01

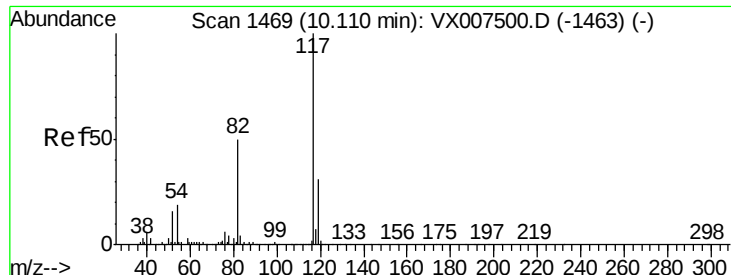
Tgt Ion: 63 Resp: 339110
 Ion Ratio Lower Upper
 63 100
 65 32.3 25.7 38.5
 106 29.9 23.7 35.5



#56
 Bromoform
 Concen: 17.871 ug/l
 RT: 10.86 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: VX007509.D
 Acq: 13 Feb 2019 03:28

Tgt Ion: 173 Resp: 65835
 Ion Ratio Lower Upper
 173 100
 175 49.2 38.5 57.7
 254 9.7 7.4 11.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

Instrument :

MSVOA_X

ClientSampled :

VX0213WBSD01

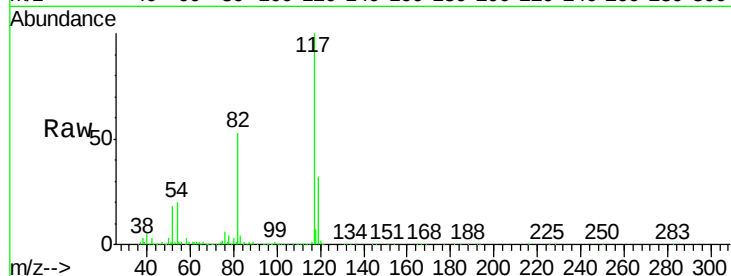
Tgt Ion:117 Resp: 365124

Ion Ratio Lower Upper

117 100

82 51.5 40.4 60.6

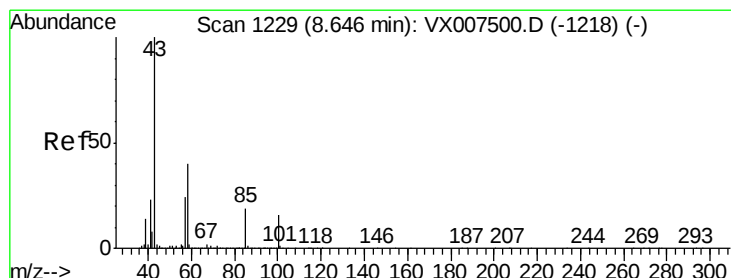
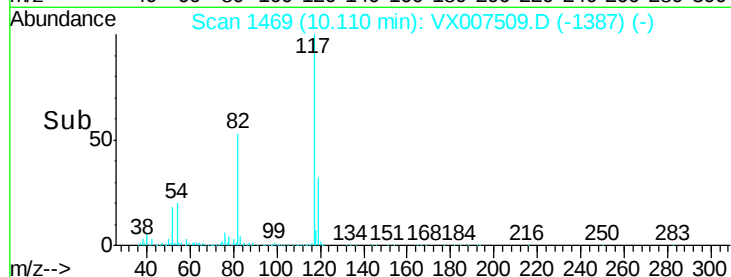
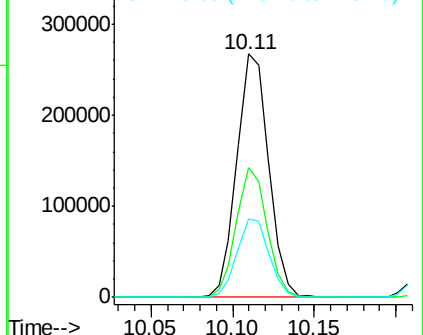
119 32.4 25.8 38.6



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: 97.088 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

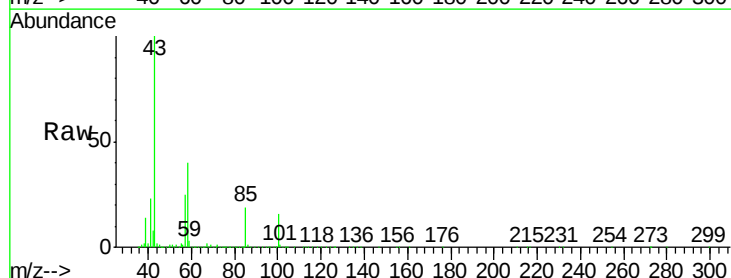
Tgt Ion: 43 Resp: 637625

Ion Ratio Lower Upper

43 100

58 39.9 31.4 47.0

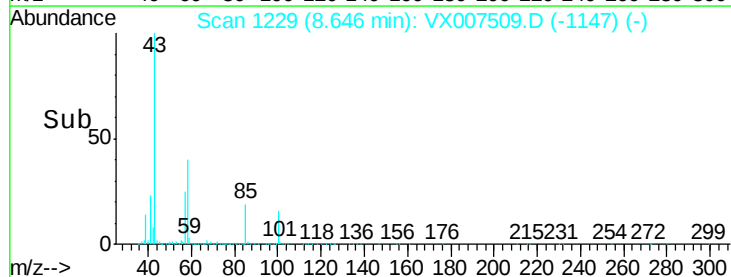
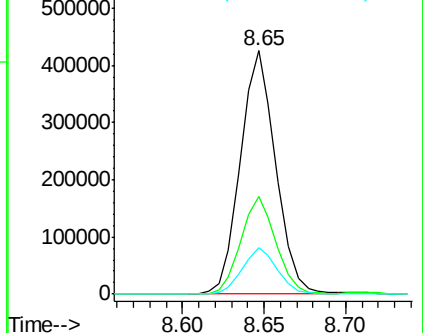
85 19.0 15.0 22.6

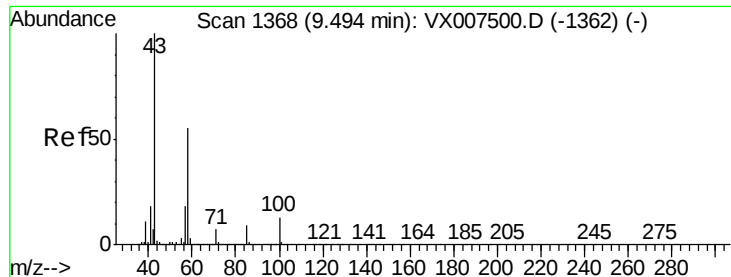


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

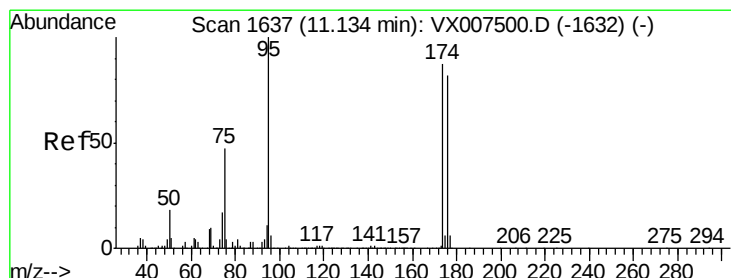
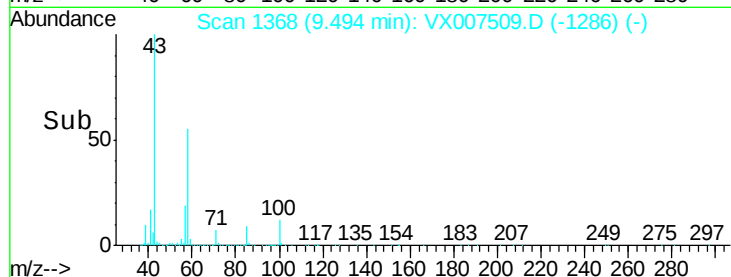
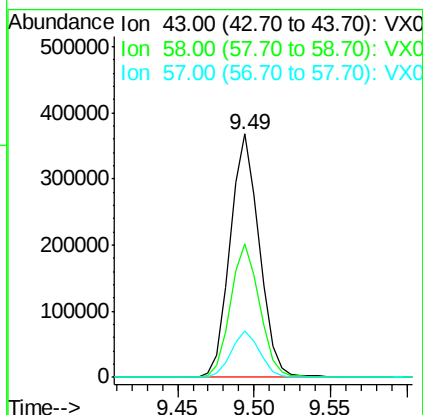
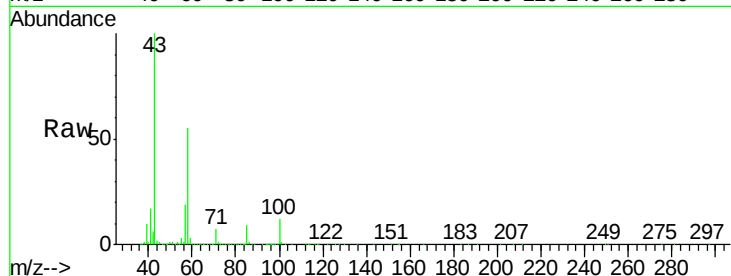




#59
2-Hexanone
Concen: 97.201 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007509.D
Acq: 13 Feb 2019 03:28

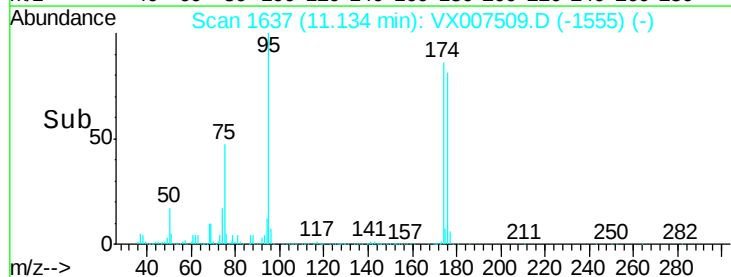
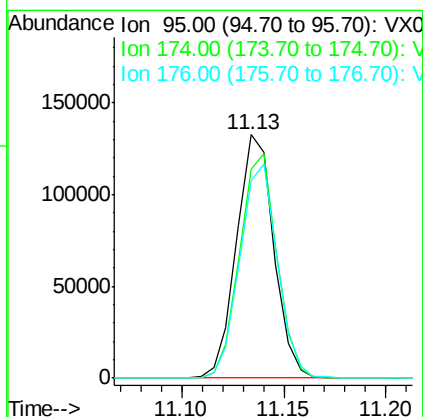
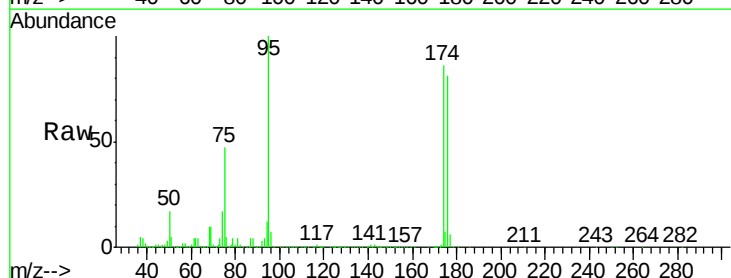
Instrument :
MSVOA_X
ClientSampleId :
VX0213WBSD01

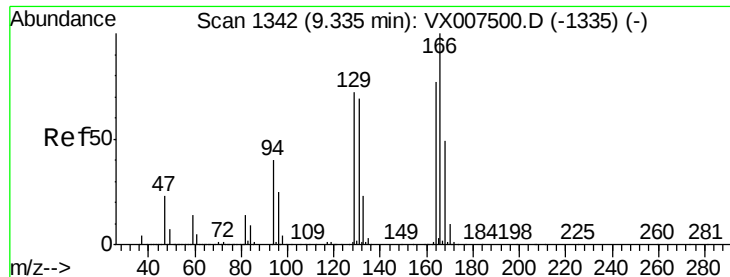
Tgt Ion: 43 Resp: 484880
Ion Ratio Lower Upper
43 100
58 55.2 43.9 65.9
57 18.9 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 30.030 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007509.D
Acq: 13 Feb 2019 03:28

Tgt Ion: 95 Resp: 168288
Ion Ratio Lower Upper
95 100
174 92.4 74.9 112.3
176 88.8 70.7 106.1





#61

Tetrachloroethene

Concen: 19.423 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBSD01

Tgt Ion:164 Resp: 100674

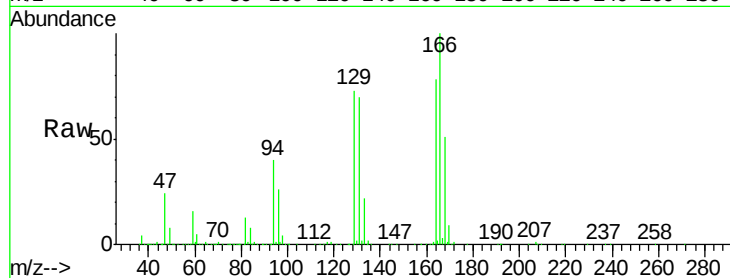
Ion Ratio Lower Upper

164 100

166 127.7 103.9 155.9

129 92.6 74.7 112.1

131 88.9 71.7 107.5

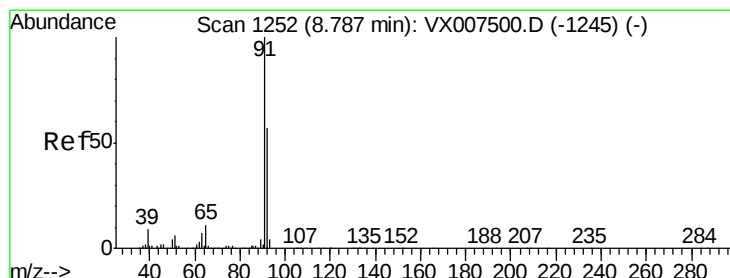
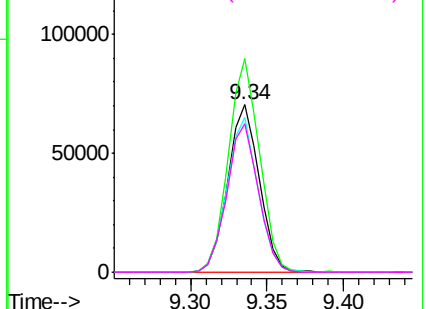
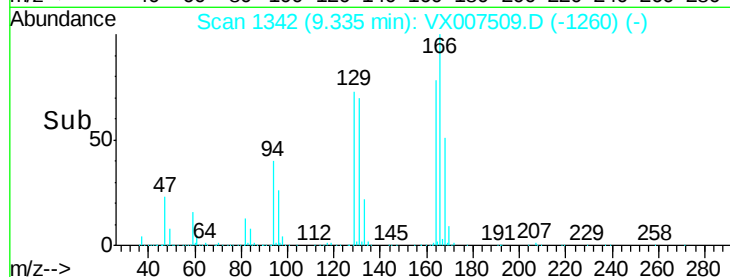


Abundance Ion 163.85 (163.55 to 164.55): V

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: 19.018 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007509.D

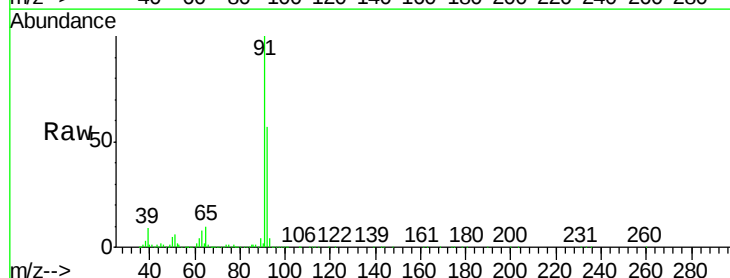
Acq: 13 Feb 2019 03:28

Tgt Ion: 91 Resp: 378174

Ion Ratio Lower Upper

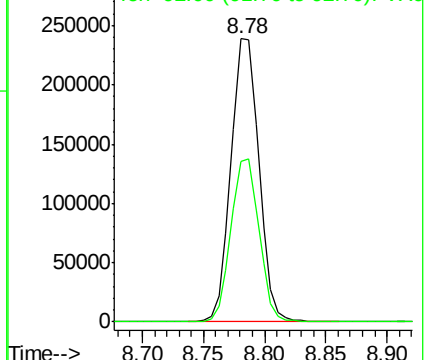
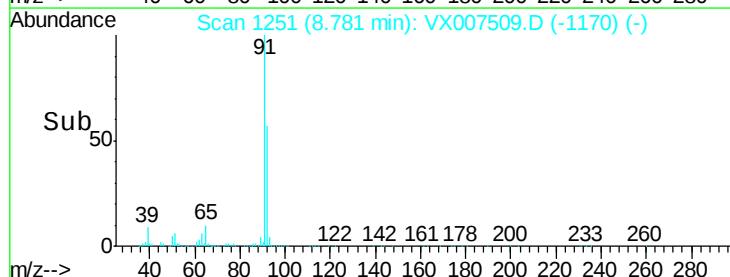
91 100

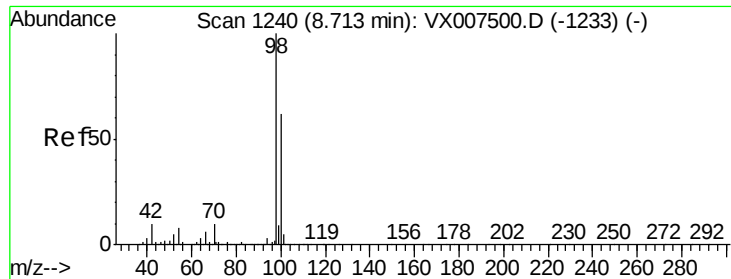
92 57.7 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.844 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

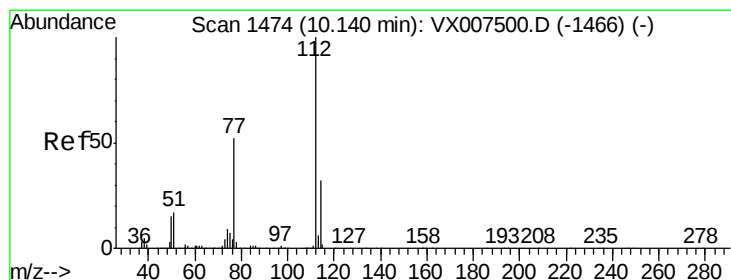
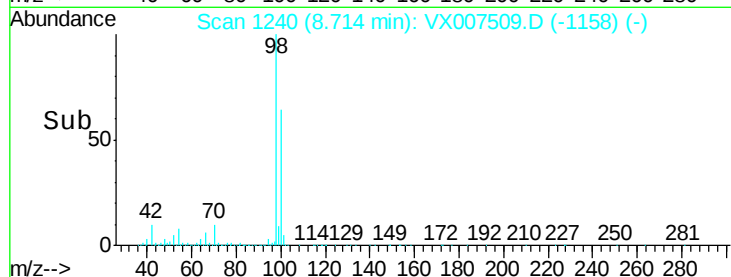
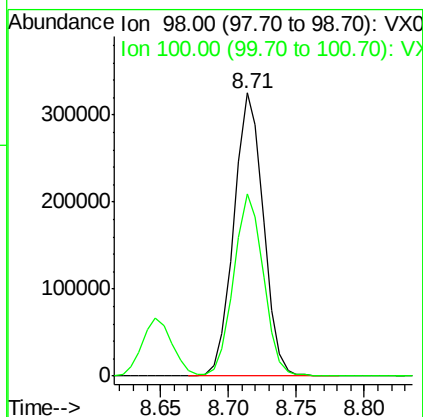
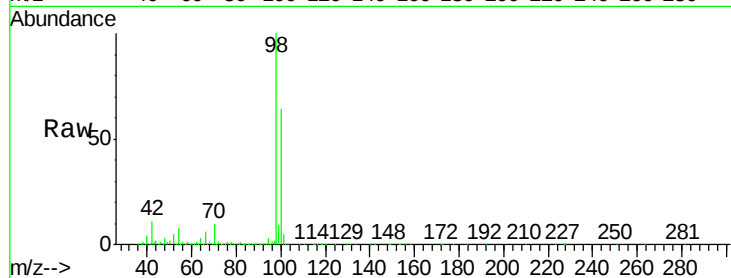
VX0213WBSD01

Tgt Ion: 98 Resp: 492518

Ion Ratio Lower Upper

98 100

100 64.6 50.9 76.3



#64

Chlorobenzene

Concen: 19.205 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007509.D

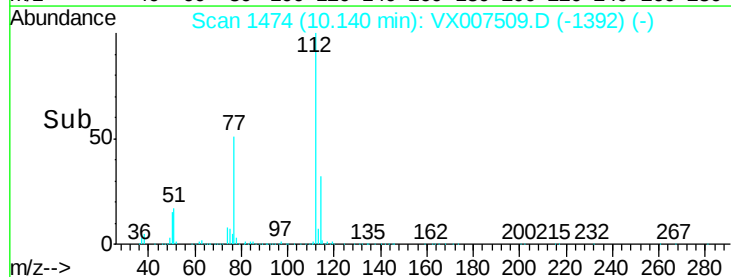
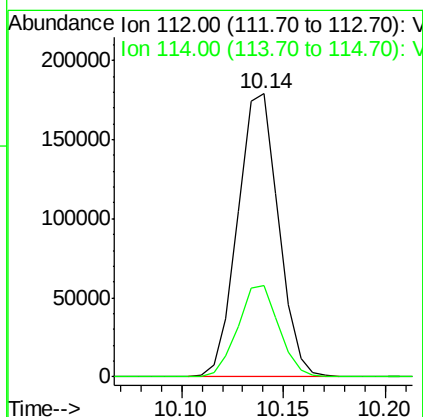
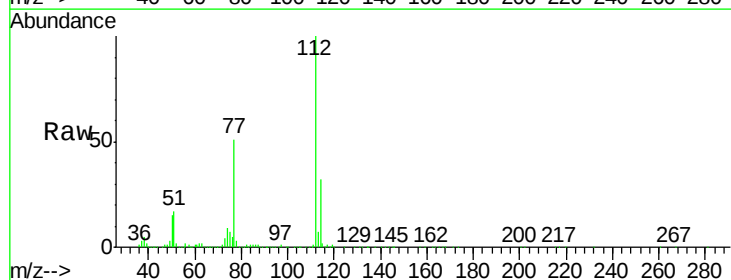
Acq: 13 Feb 2019 03:28

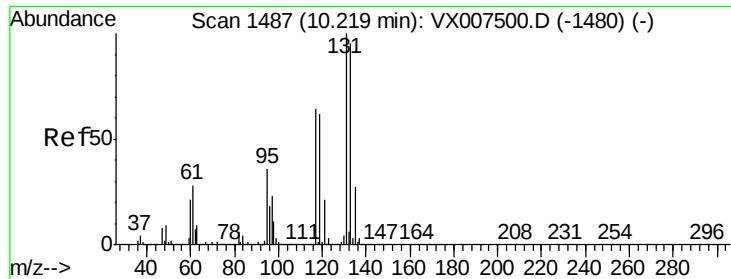
Tgt Ion: 112 Resp: 248180

Ion Ratio Lower Upper

112 100

114 32.1 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 18.938 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBSD01

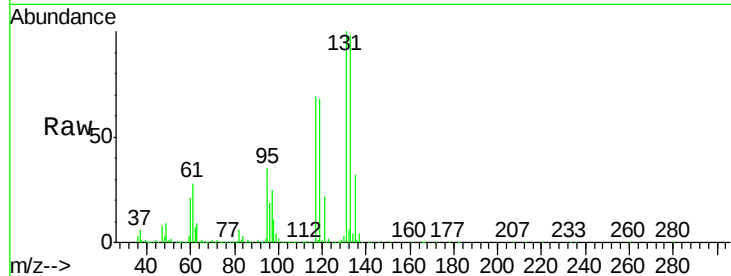
Tgt Ion:131 Resp: 88641

Ion Ratio Lower Upper

131 100

133 96.6 0.0 191.6

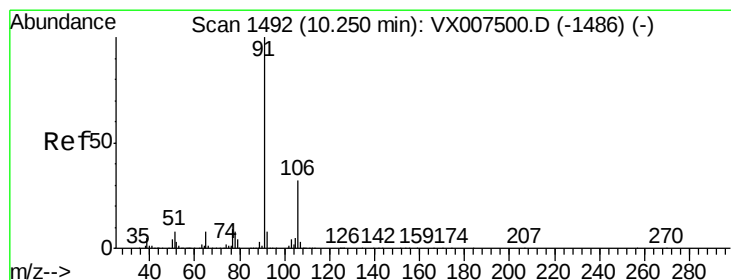
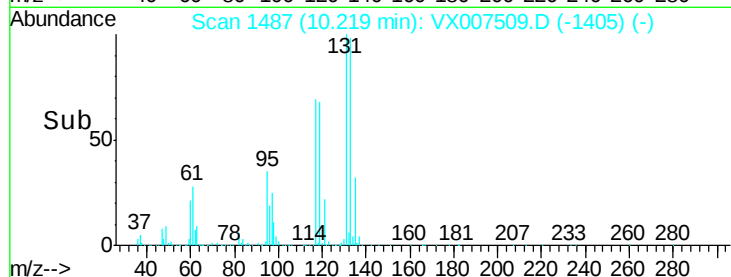
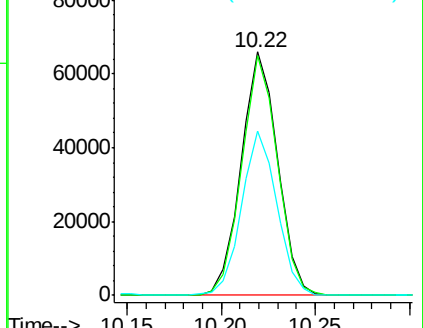
119 65.3 0.0 127.4



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: 18.933 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007509.D

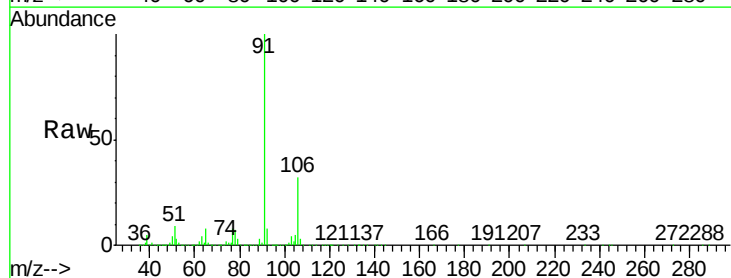
Acq: 13 Feb 2019 03:28

Tgt Ion: 91 Resp: 399514

Ion Ratio Lower Upper

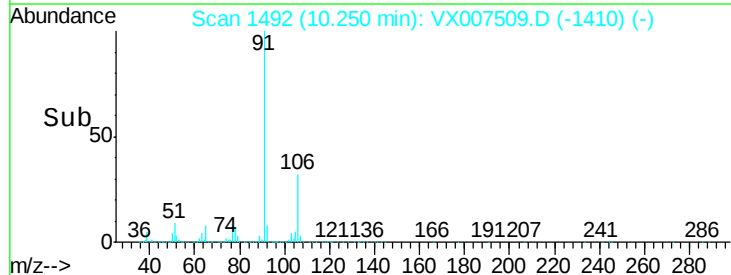
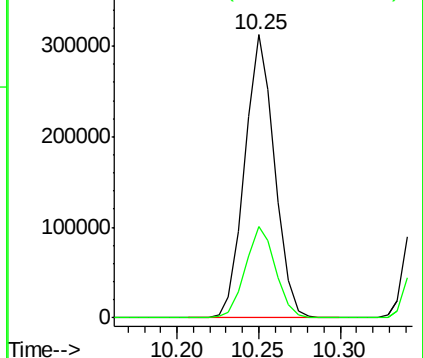
91 100

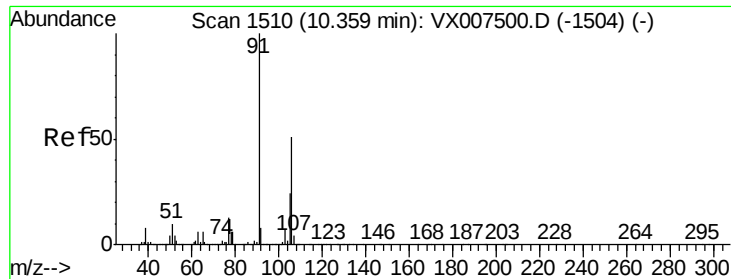
106 32.4 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

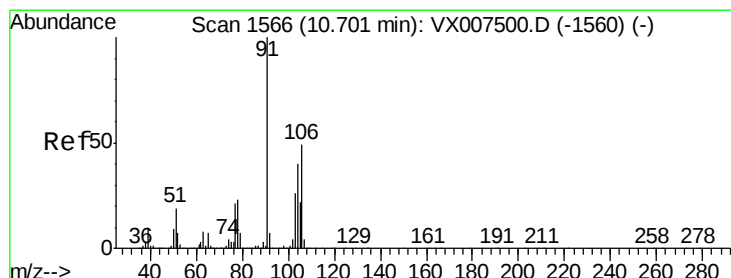
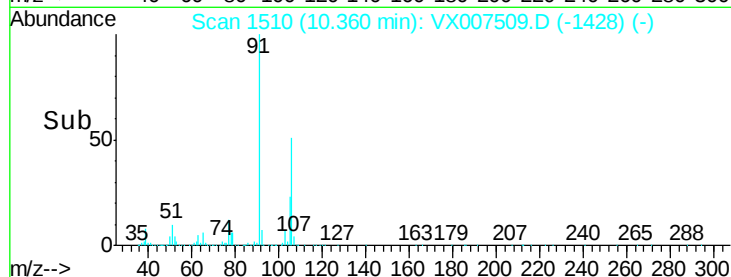
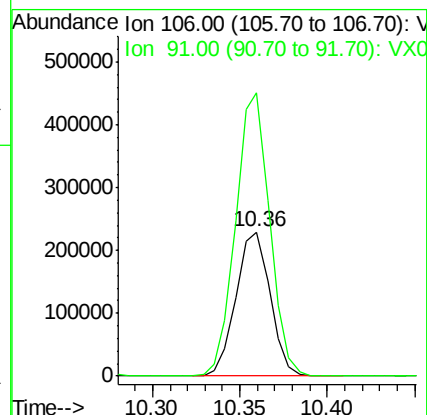
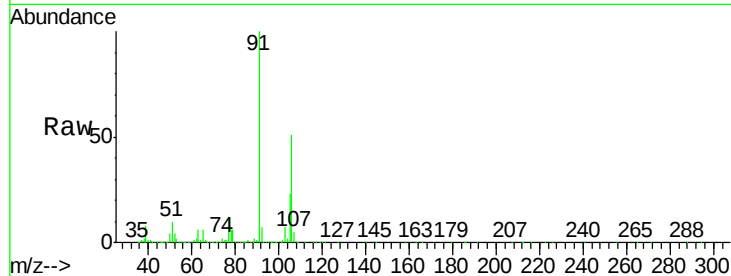




#67
m/p-Xylenes
Concen: 37.773 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007509.D
Acq: 13 Feb 2019 03:28

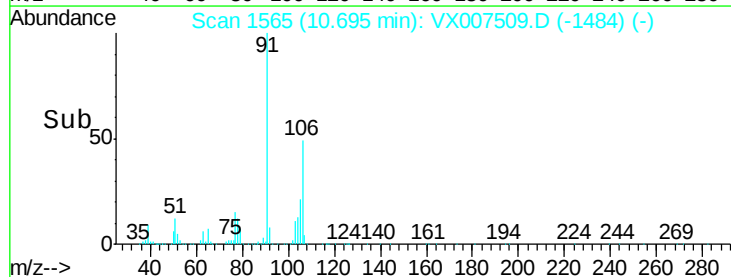
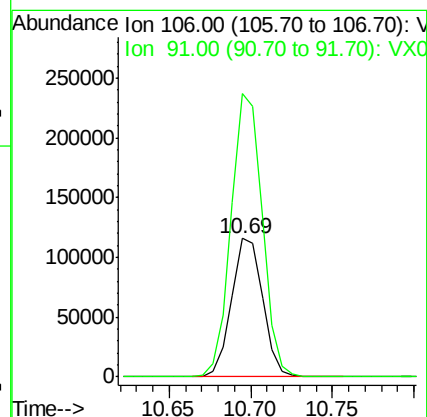
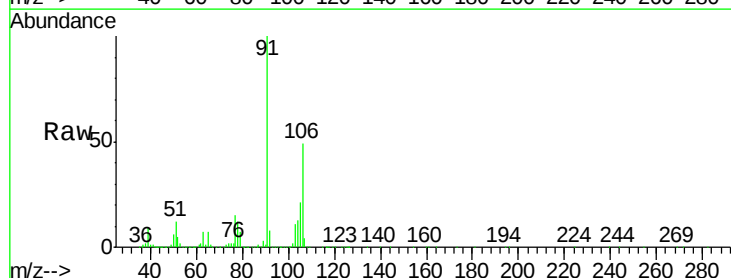
Instrument :
MSVOA_X
ClientSampleId :
VX0213WBSD01

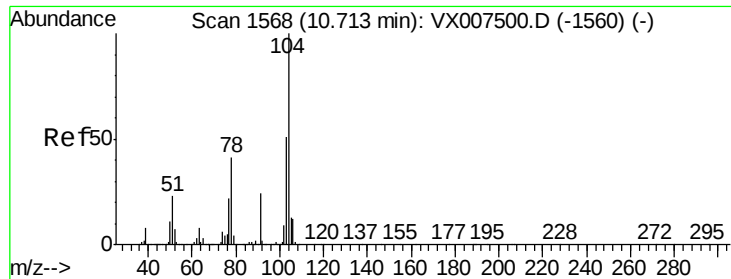
Tgt Ion:106 Resp: 312629
Ion Ratio Lower Upper
106 100
91 194.3 157.0 235.4



#68
o-Xylene
Concen: 19.115 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007509.D
Acq: 13 Feb 2019 03:28

Tgt Ion:106 Resp: 154298
Ion Ratio Lower Upper
106 100
91 203.6 104.4 313.2





#69

Styrene

Concen: 18.906 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBSD01

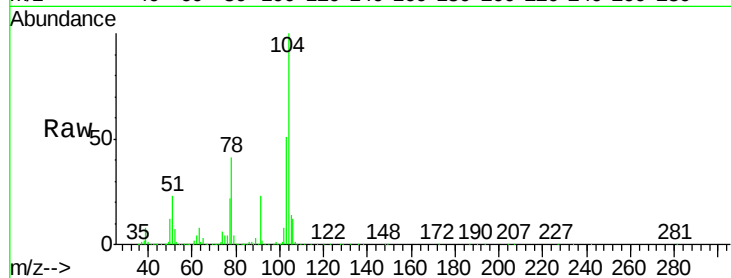
Tgt Ion:104 Resp: 246273

Ion Ratio Lower Upper

104 100

78 47.4 38.2 57.2

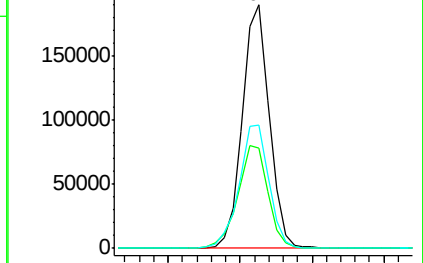
103 56.1 45.0 67.4



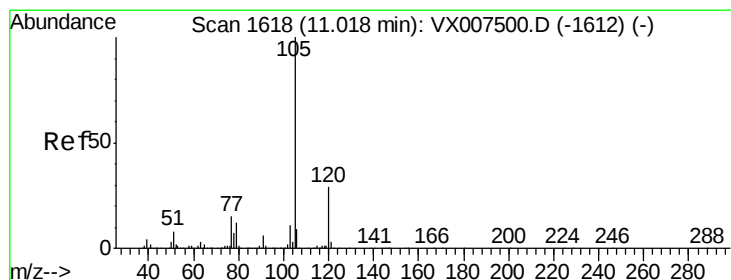
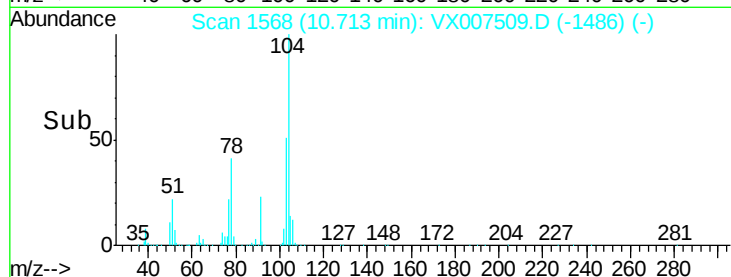
Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



Time-->



#70

Isopropylbenzene

Concen: 18.942 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007509.D

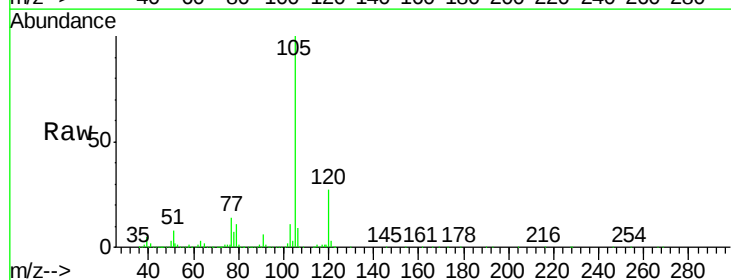
Acq: 13 Feb 2019 03:28

Tgt Ion:105 Resp: 403397

Ion Ratio Lower Upper

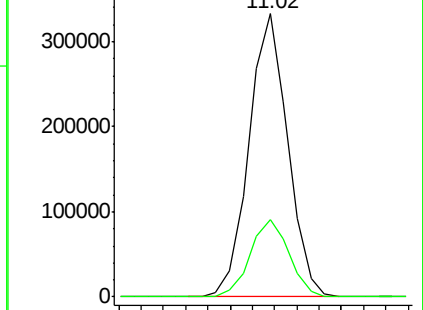
105 100

120 27.5 19.8 36.8

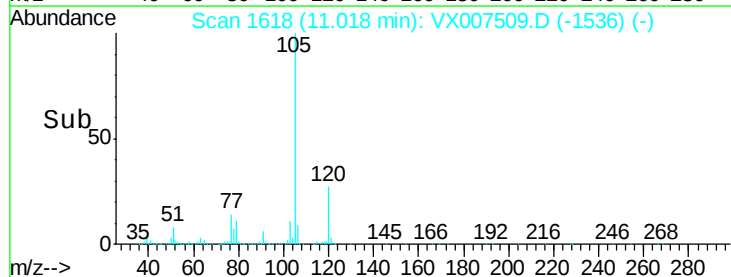


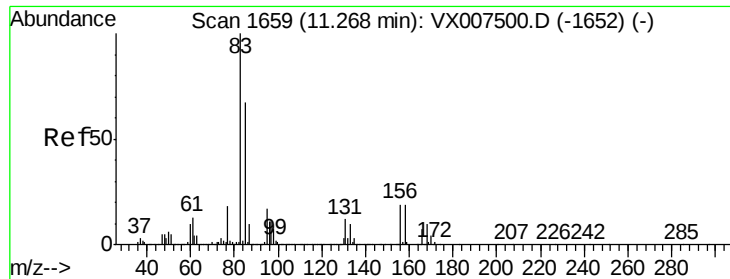
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->

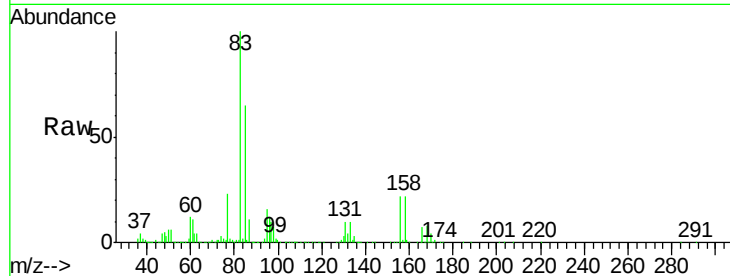




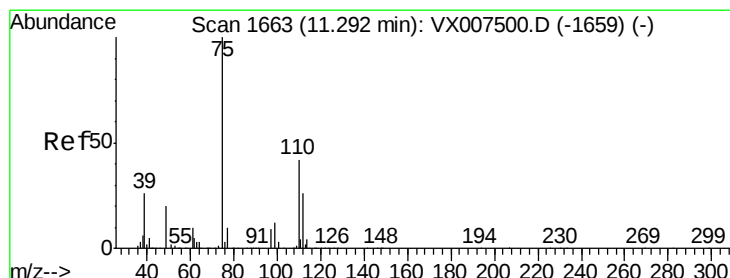
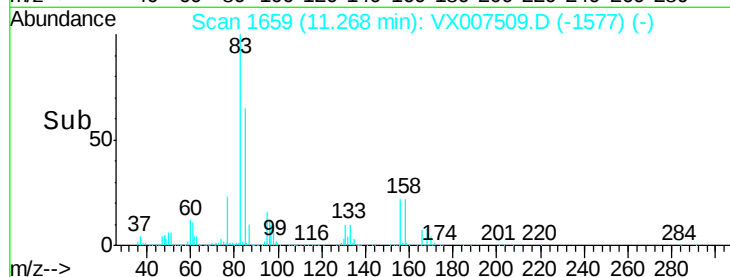
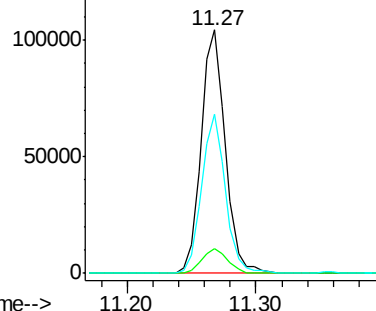
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.467 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX007509.D
 Acq: 13 Feb 2019 03:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0213WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.4	16.2
85	64.9	32.8	98.4

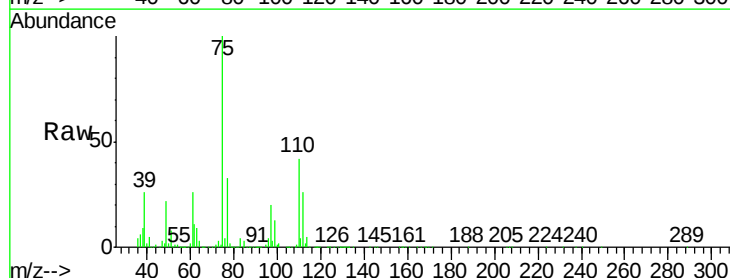


Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 131.00 (130.70 to 131.70): V
 Ion 85.00 (84.70 to 85.70): VX0

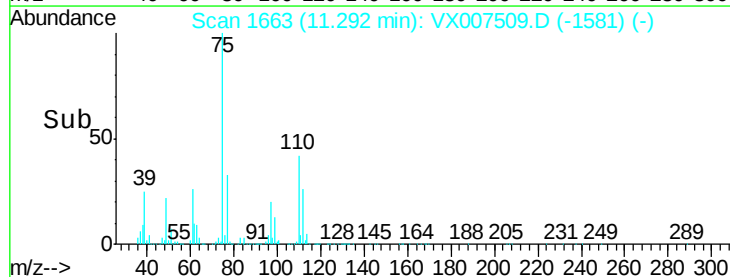
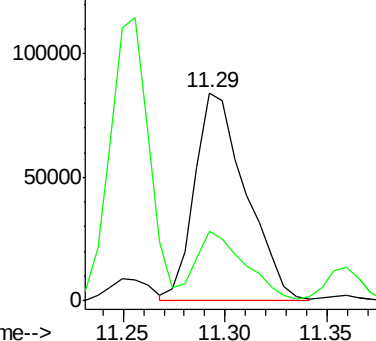


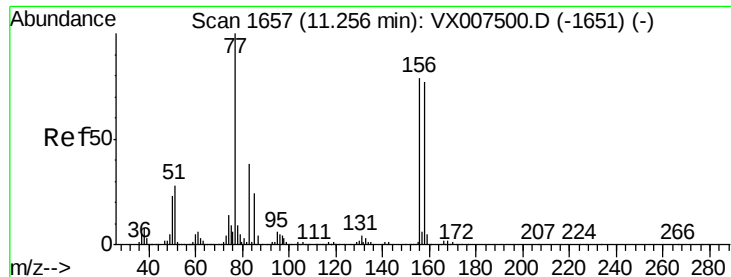
#72
 1,2,3-Trichloropropane
 Concen: 22.853 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX007509.D
 Acq: 13 Feb 2019 03:28

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	0.0	76.4



Abundance Ion 75.00 (74.70 to 75.70): VX0
 Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 18.911 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBSD01

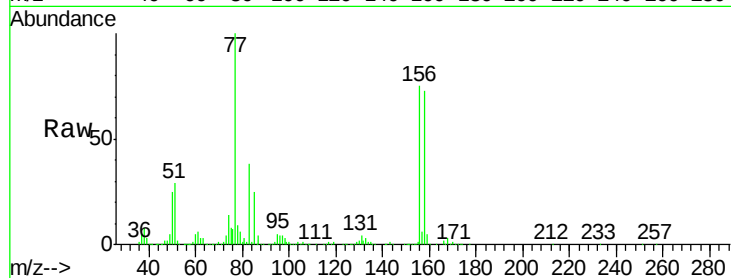
Tgt Ion: 156 Resp: 109955

Ion Ratio Lower Upper

156 100

77 136.3 0.0 271.4

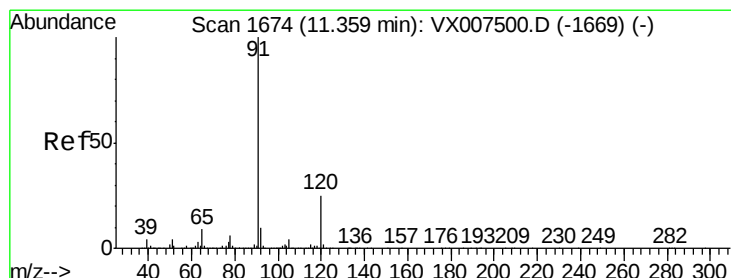
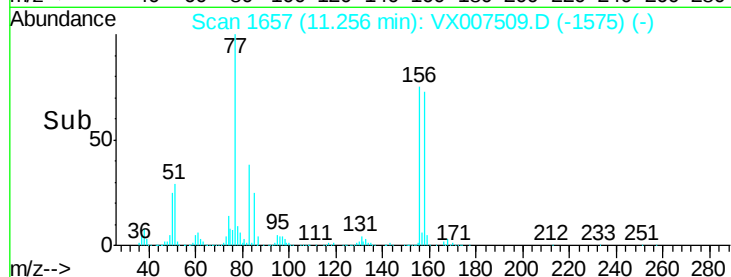
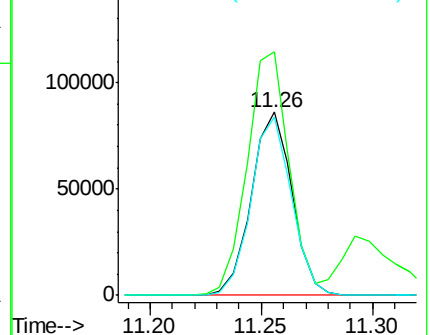
158 96.6 0.0 194.0



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: 18.472 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007509.D

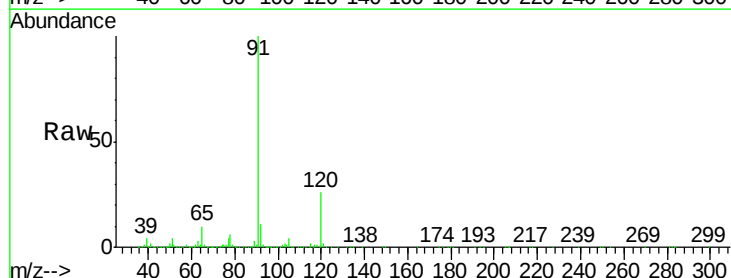
Acq: 13 Feb 2019 03:28

Tgt Ion: 91 Resp: 436790

Ion Ratio Lower Upper

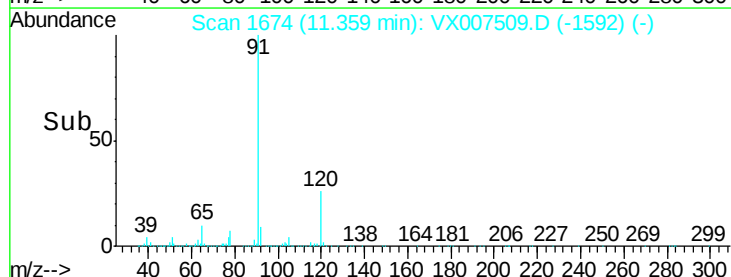
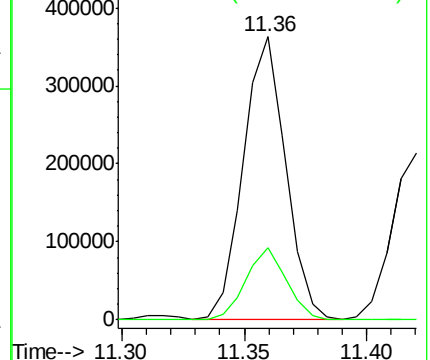
91 100

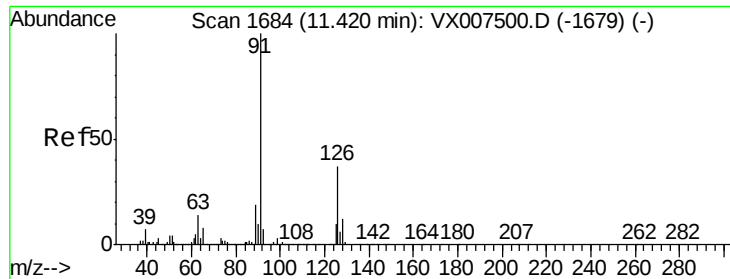
120 24.5 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.969 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

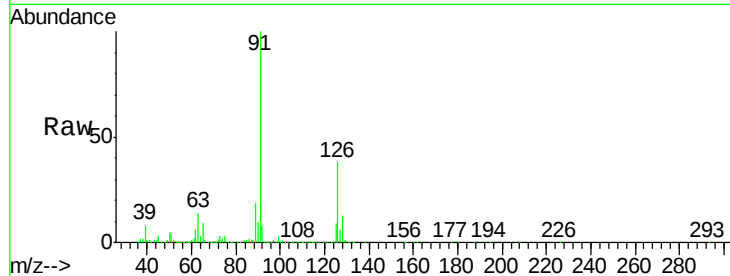
VX0213WBSD01

Tgt Ion: 91 Resp: 268184

Ion Ratio Lower Upper

91 100

126 36.6 0.0 75.2

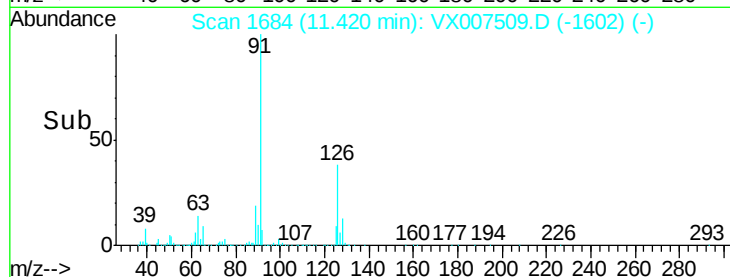


Abundance Ion 91.00 (90.70 to 91.70): VX007500.D (-1679) (-)

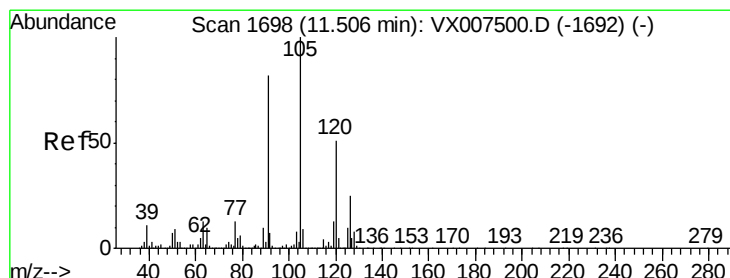
Ion 126.00 (125.70 to 126.70): VX007500.D (-1679) (-)

Time-->

11.40 11.45



Time-->



#76

1,3,5-Trimethylbenzene

Concen: 18.733 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007509.D

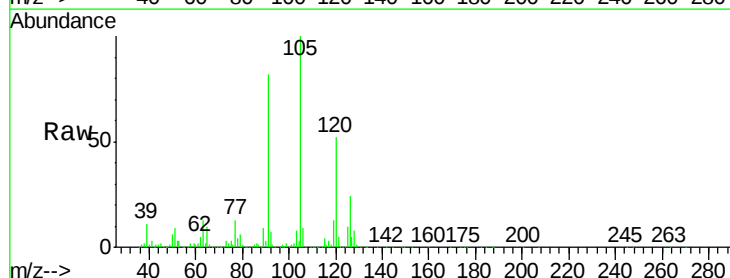
Acq: 13 Feb 2019 03:28

Tgt Ion: 105 Resp: 325654

Ion Ratio Lower Upper

105 100

120 50.9 0.0 101.0

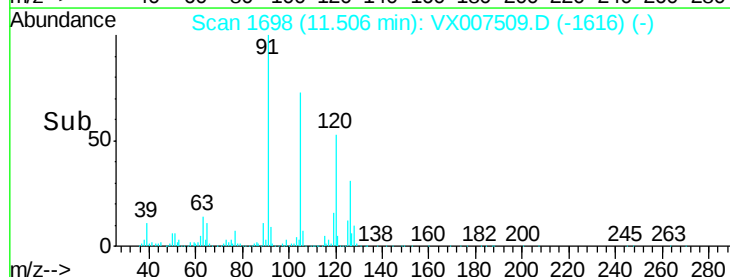


Abundance Ion 105.00 (104.70 to 105.70): VX007500.D (-1692) (-)

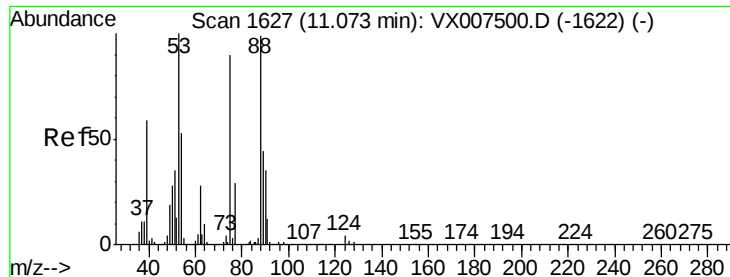
Ion 120.00 (119.70 to 120.70): VX007500.D (-1692) (-)

Time-->

11.45 11.50 11.55



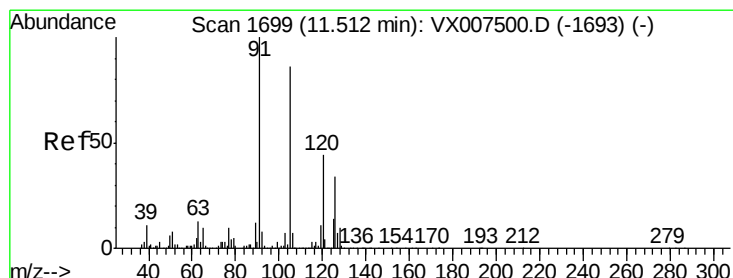
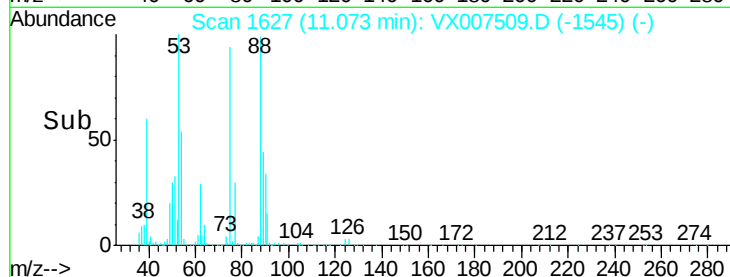
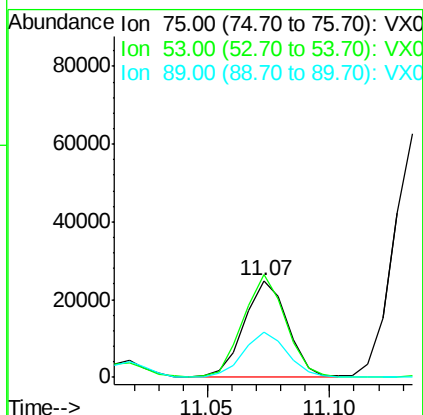
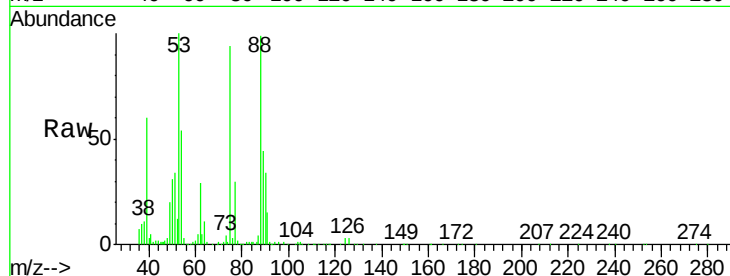
Time-->



#77
t-1,4-Dichloro-2-butene
Concen: 16.677 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007509.D
Acq: 13 Feb 2019 03:28

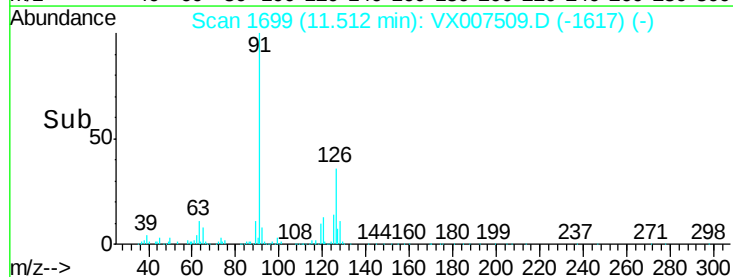
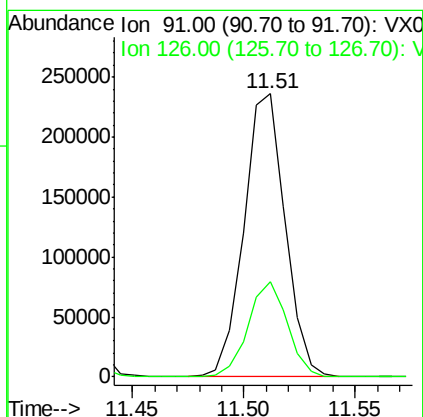
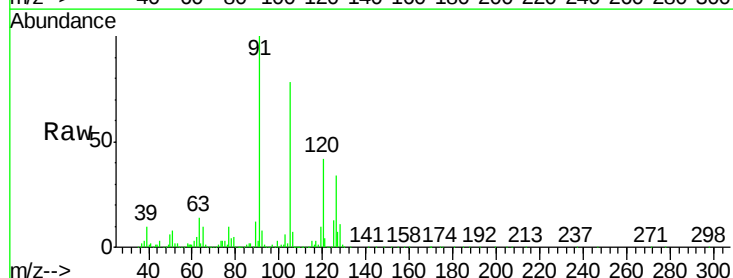
Instrument :
MSVOA_X
ClientSampleId :
VX0213WBSD01

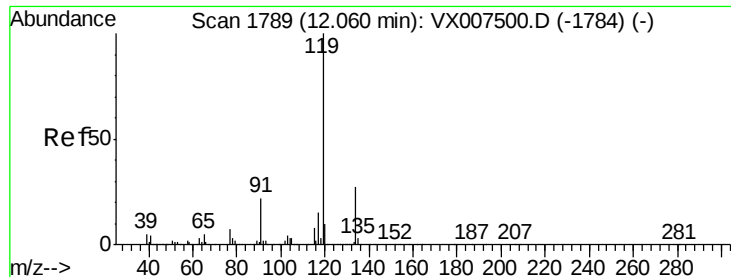
Tgt Ion: 75 Resp: 30986
Ion Ratio Lower Upper
75 100
53 106.9 55.5 166.7
89 47.2 24.4 73.2



#78
4-Chlorotoluene
Concen: 18.856 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007509.D
Acq: 13 Feb 2019 03:28

Tgt Ion: 91 Resp: 304291
Ion Ratio Lower Upper
91 100
126 32.2 0.0 66.2

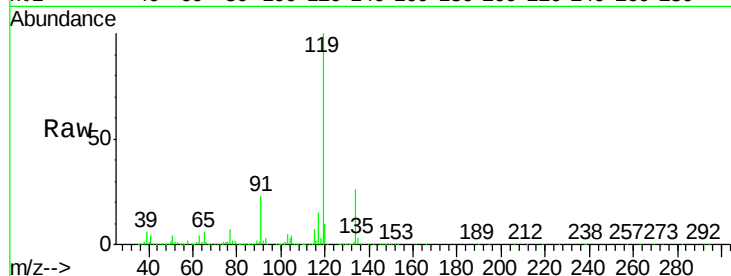




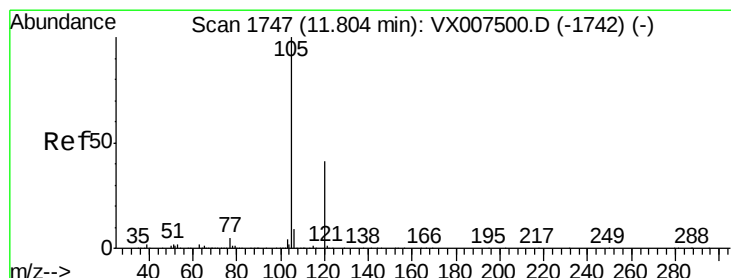
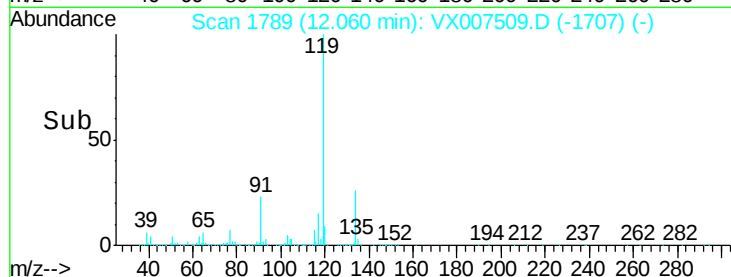
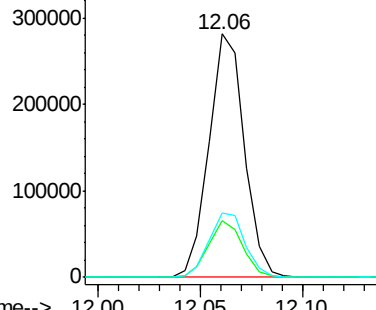
#79
tert-butylbenzene
Concen: 18.386 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX007509.D
Acq: 13 Feb 2019 03:28

Instrument :
MSVOA_X
ClientSampleId :
VX0213WBSD01

Tgt Ion:119 Resp: 339393
Ion Ratio Lower Upper
119 100
91 22.5 0.0 45.0
134 27.0 0.0 55.4

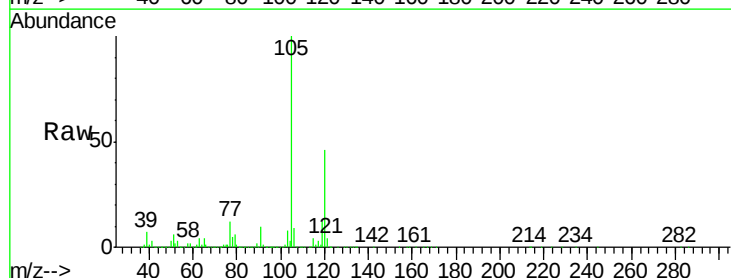


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

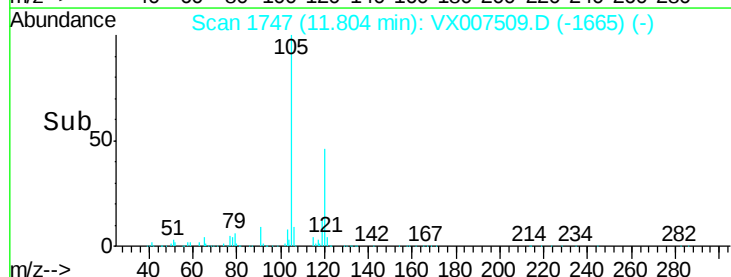
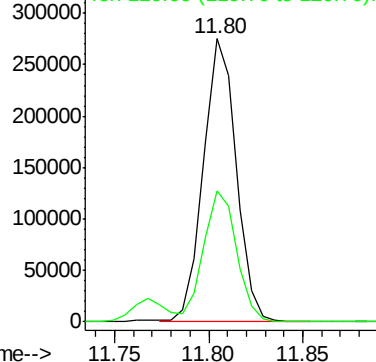


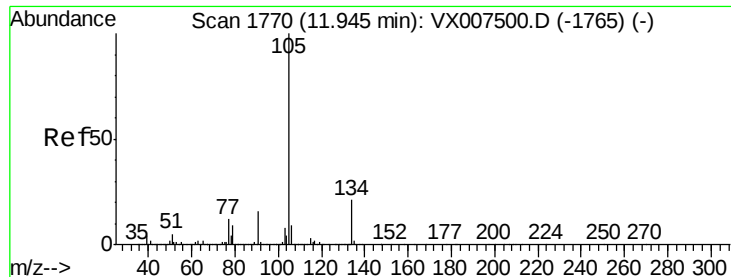
#80
1,2,4-Trimethylbenzene
Concen: 18.834 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX007509.D
Acq: 13 Feb 2019 03:28

Tgt Ion:105 Resp: 332361
Ion Ratio Lower Upper
105 100
120 46.1 0.0 94.0



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

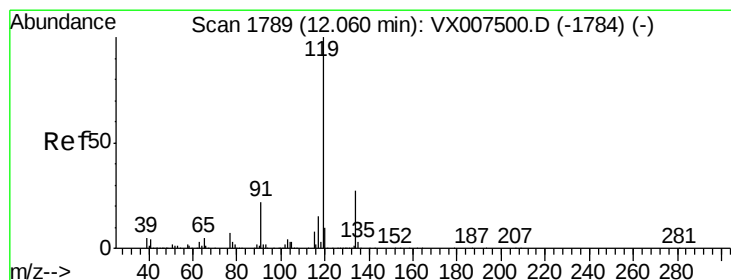
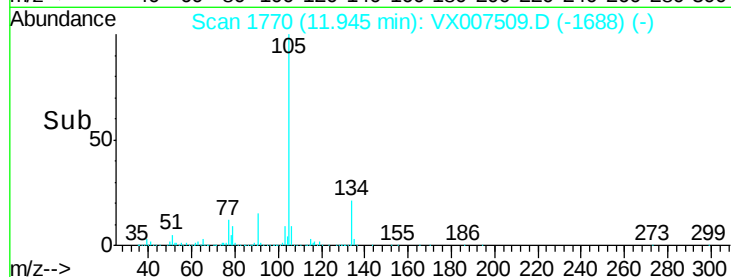
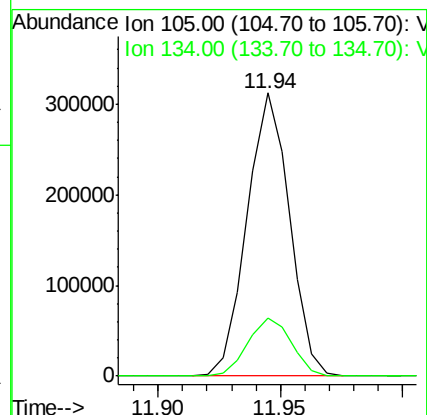
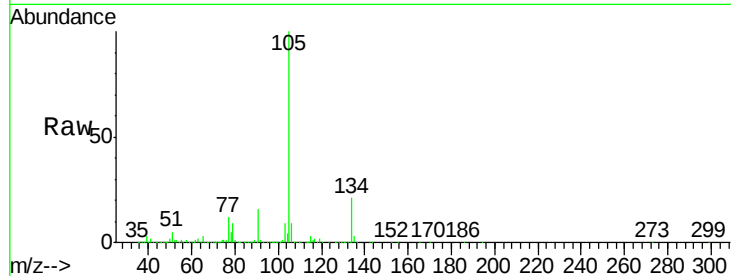




#81
 sec-Butylbenzene
 Concen: 18.213 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX007509.D
 Acq: 13 Feb 2019 03:28

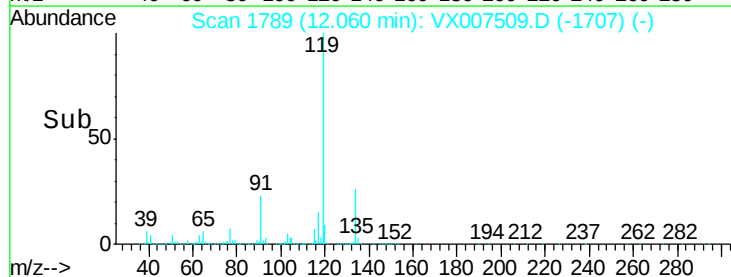
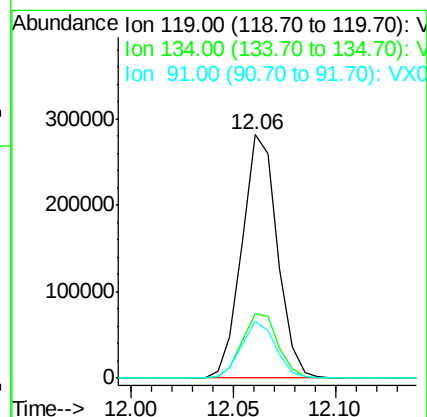
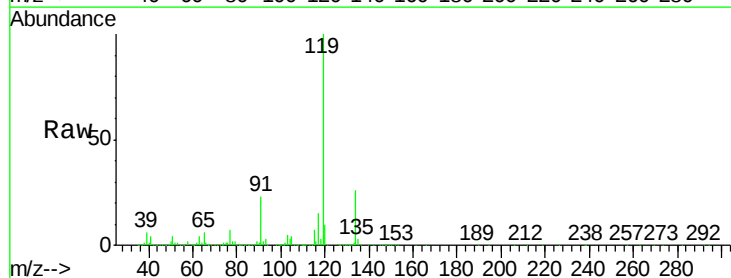
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0213WBSD01

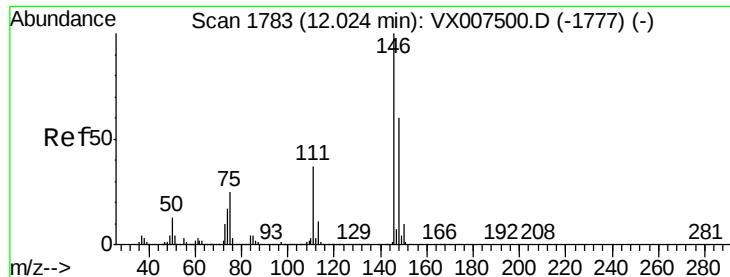
Tgt Ion:105 Resp: 378097
 Ion Ratio Lower Upper
 105 100
 134 21.2 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 18.386 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX007509.D
 Acq: 13 Feb 2019 03:28

Tgt Ion:119 Resp: 339393
 Ion Ratio Lower Upper
 119 100
 134 27.0 0.0 55.4
 91 22.5 0.0 45.0





#83

1,3-Dichlorobenzene

Concen: 18.707 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBSD01

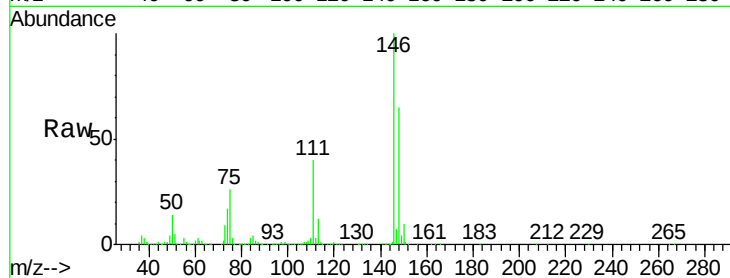
Tgt Ion:146 Resp: 191209

Ion Ratio Lower Upper

146 100

111 37.5 18.8 56.3

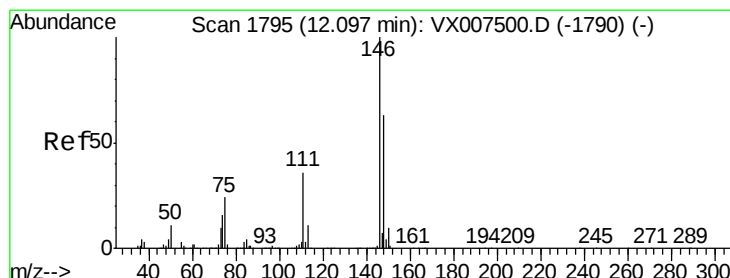
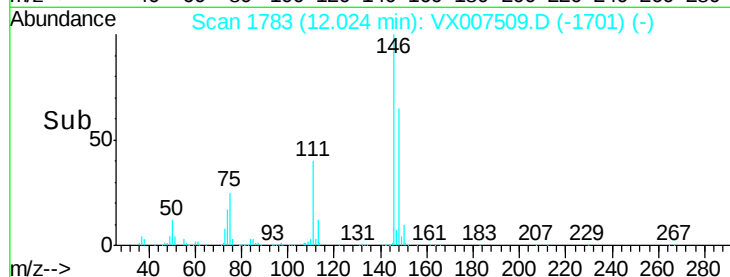
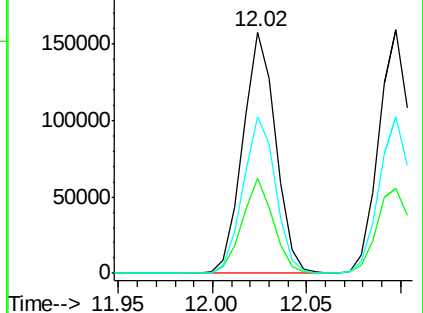
148 64.2 30.6 91.8



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



#84

1,4-Dichlorobenzene

Concen: 18.422 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

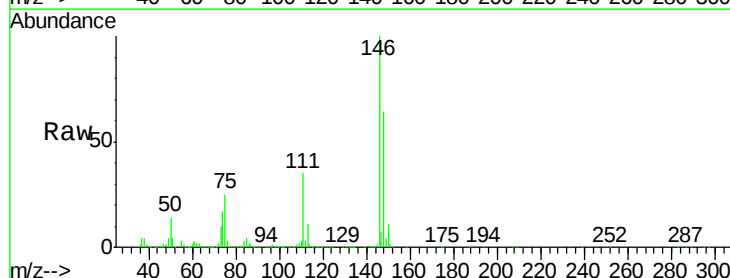
Tgt Ion:146 Resp: 187898

Ion Ratio Lower Upper

146 100

111 37.0 17.6 52.8

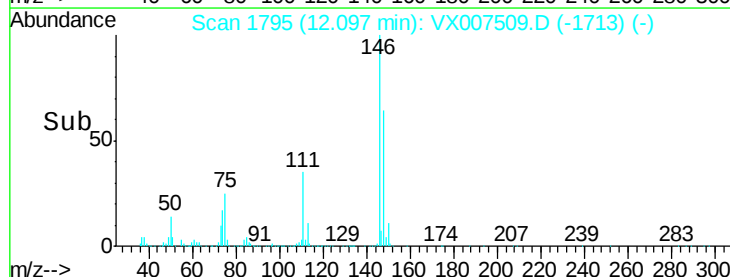
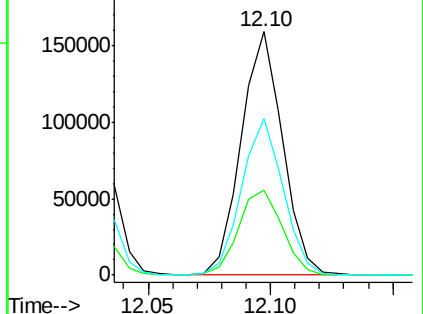
148 64.5 31.4 94.2

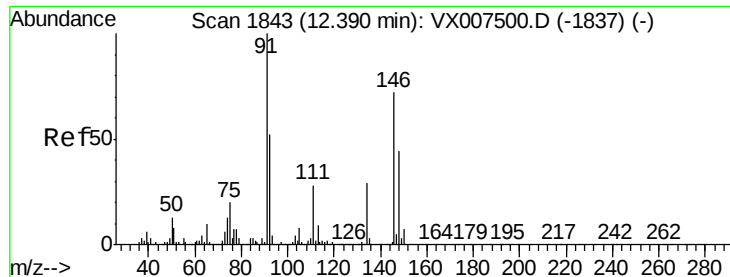


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

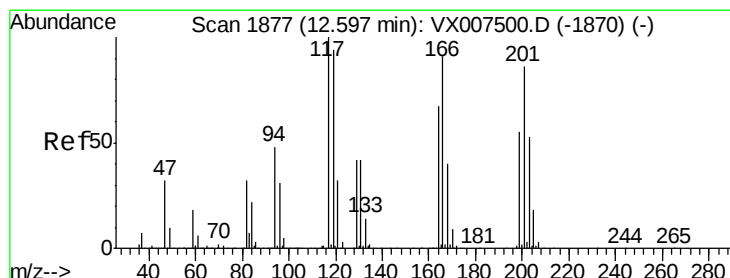
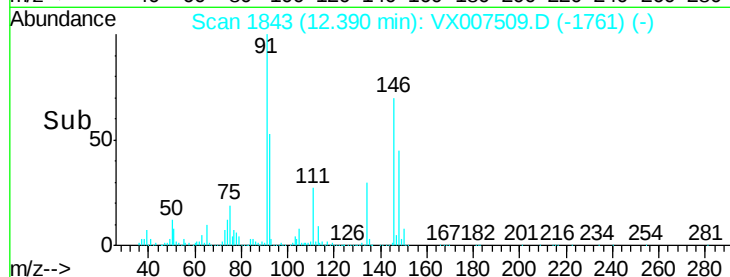
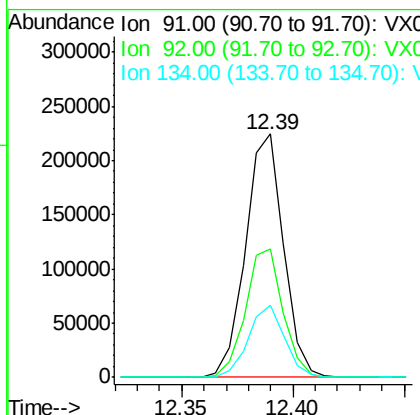
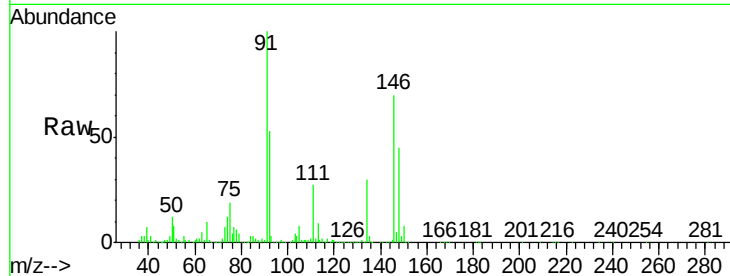




#85
n-Butylbenzene
Concen: 17.395 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007509.D
Acq: 13 Feb 2019 03:28

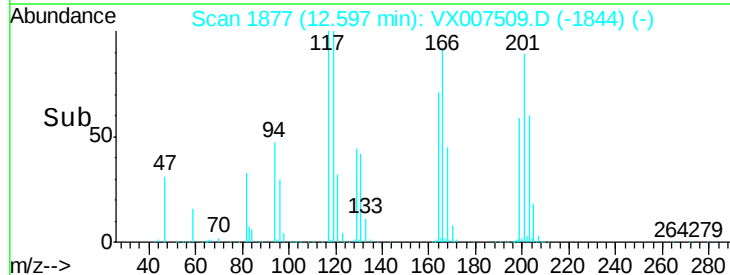
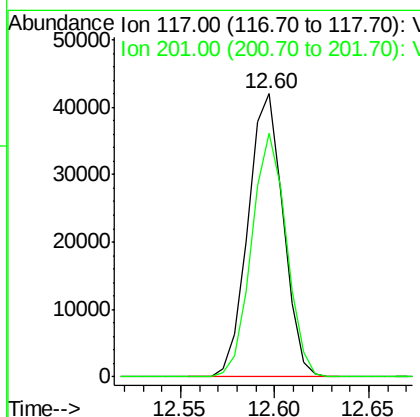
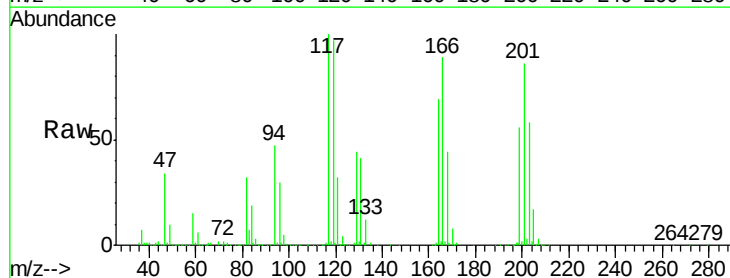
Instrument :
MSVOA_X
ClientSampleId :
VX0213WBSD01

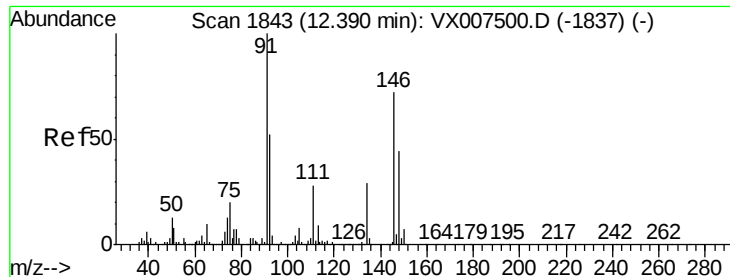
Tgt Ion: 91 Resp: 266450
Ion Ratio Lower Upper
91 100
92 52.3 0.0 105.2
134 28.6 0.0 56.4



#86
Hexachloroethane
Concen: 17.720 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007509.D
Acq: 13 Feb 2019 03:28

Tgt Ion: 117 Resp: 54307
Ion Ratio Lower Upper
117 100
201 85.0 41.1 123.3





#87

1,2-Dichlorobenzene

Concen: 18.929 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

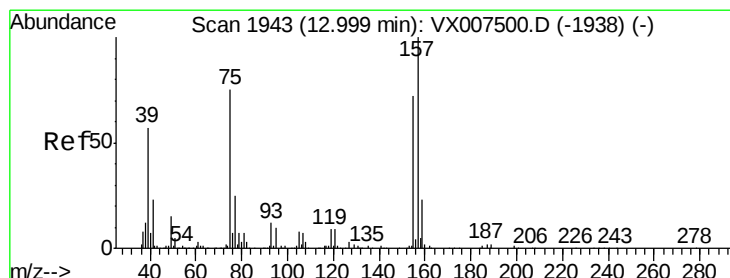
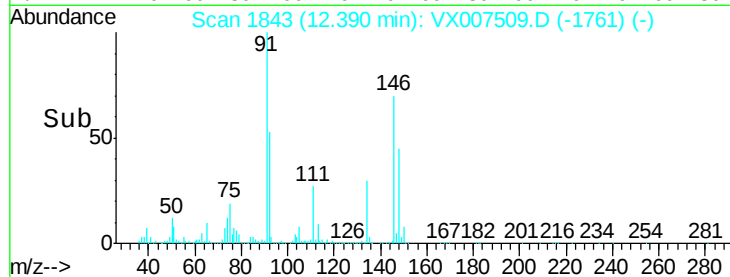
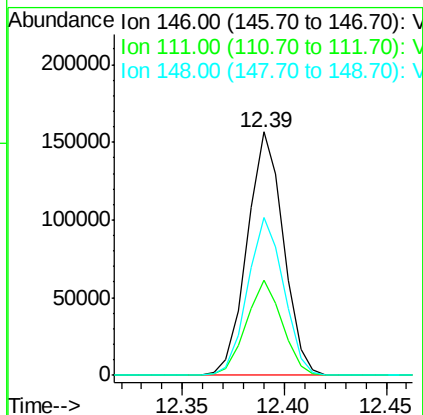
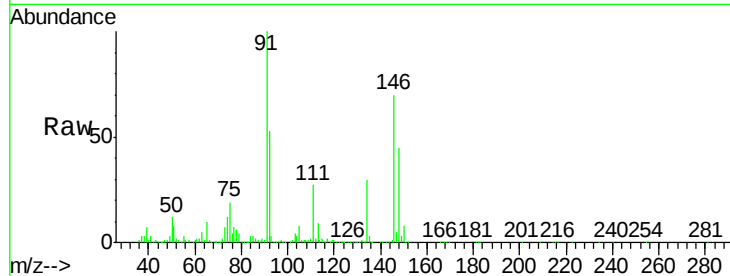
Instrument :

MSVOA_X

ClientSampleId :

VX0213WBSD01

Tgt Ion:	146	Resp:	194196
Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.3	57.8
148	64.5	32.1	96.3



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.684 ug/l

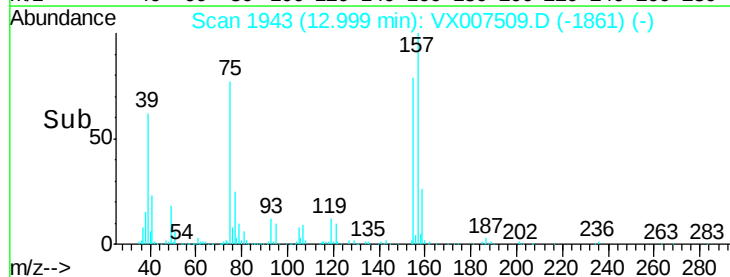
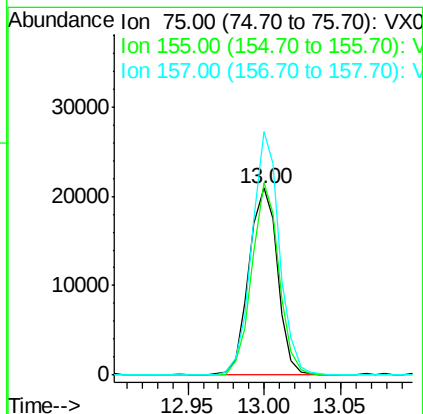
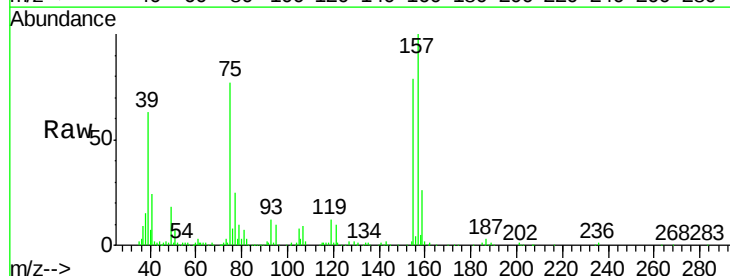
RT: 13.00 min Scan# 1943

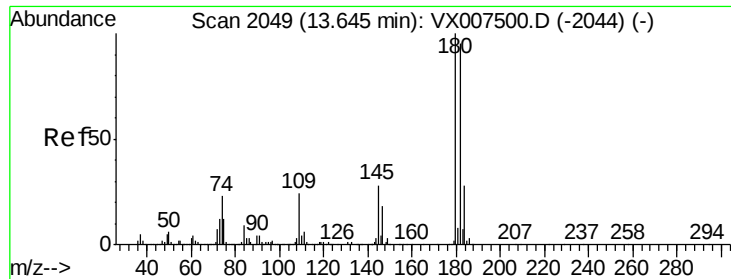
Delta R.T. 0.00 min

Lab File: VX007509.D

Acq: 13 Feb 2019 03:28

Tgt Ion:	75	Resp:	27449
Ion	Ratio	Lower	Upper
75	100		
155	96.6	81.0	121.6
157	124.2	103.2	154.8

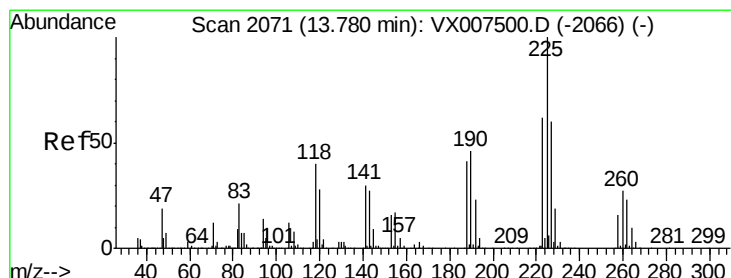
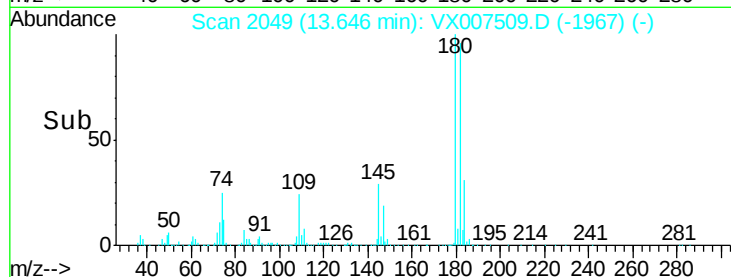
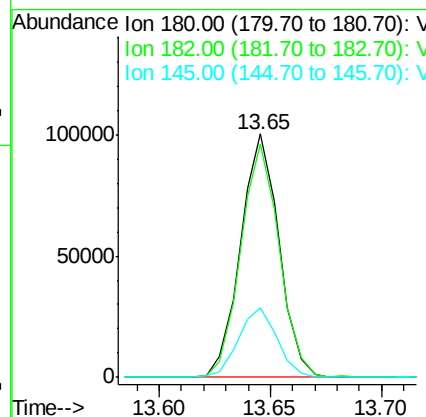
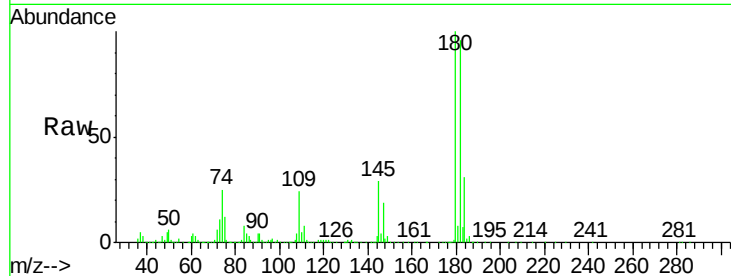




#89
 1,2,4-Trichlorobenzene
 Concen: 17.885 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007509.D
 Acq: 13 Feb 2019 03:28

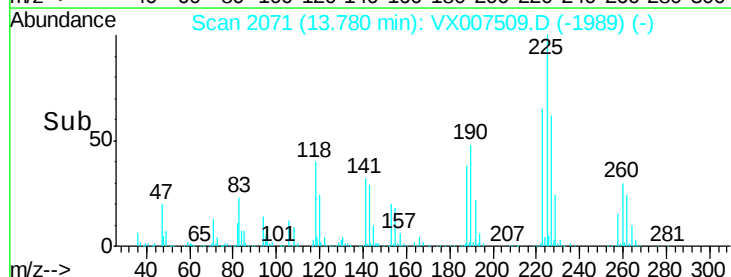
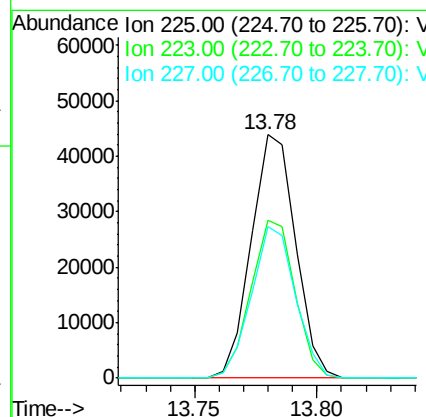
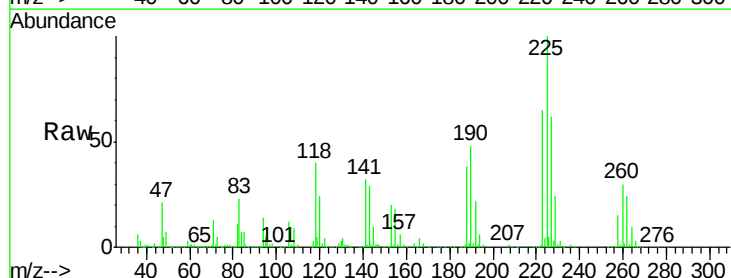
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0213WBSD01

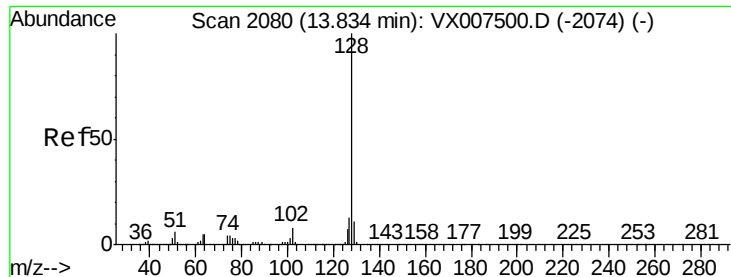
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.6	113.4
145	29.0	23.0	34.6



#90
 Hexachlorobutadiene
 Concen: 17.604 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007509.D
 Acq: 13 Feb 2019 03:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	0.0	123.8
227	62.0	0.0	124.4

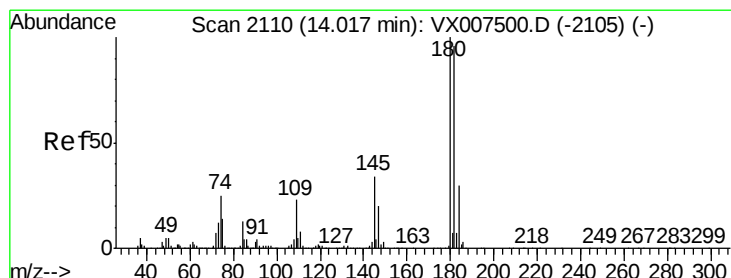
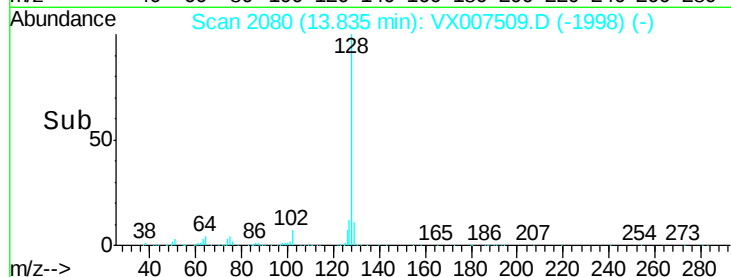
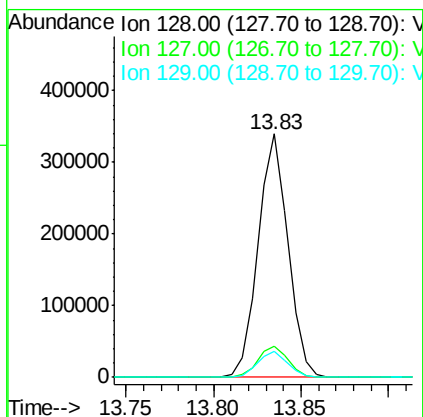
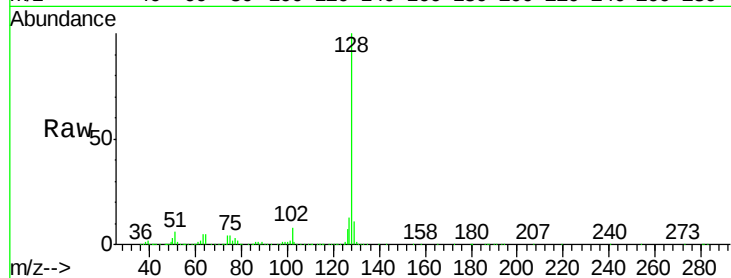




#91
Naphthalene
Concen: 18.722 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007509.D
Acq: 13 Feb 2019 03:28

Instrument :
MSVOA_X
ClientSampleId :
VX0213WBSD01

Tgt Ion:128 Resp: 402323
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.8 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 18.471 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007509.D
Acq: 13 Feb 2019 03:28

Tgt Ion:180 Resp: 126516
Ion Ratio Lower Upper
180 100
182 95.9 0.0 193.0
145 31.1 0.0 63.0

