

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031819\
 Data File : VX008168.D
 Acq On : 18 Mar 2019 16:06
 Operator : JC/SP
 Sample : VX0318WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBS01

Quant Time: Mar 19 02:40:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Mar 18 14:34:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	64462	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	366422	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	323289	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	162458	30.30	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.00%
60) 4-Bromofluorobenzene	11.13	95	163182	30.24	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.80%
63) Toluene-d8	8.71	98	467641	29.77	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.23%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	58754	20.341	ug/l 98
3) Chloromethane	1.33	50	70921	19.479	ug/l 98
4) Vinyl Chloride	1.41	62	72586	19.333	ug/l 98
5) Bromomethane	1.64	94	47994	16.049	ug/l 99
6) Chloroethane	1.73	64	44673	19.034	ug/l 97
7) Trichlorofluoromethane	1.93	101	92688	19.607	ug/l 98
8) Diethyl Ether	2.19	74	51170	20.047	ug/l 84
9) 1,1,2-Trichlorotrifluoroet	2.39	101	67337	21.000	ug/l 92
10) 1,1-Dichloroethene	2.37	96	62106	20.504	ug/l 88
11) Methyl Iodide	2.51	142	76343	19.802	ug/l 98
12) Methyl Acetate	2.78	43	98740	19.917	ug/l 93
13) Acrolein	2.29	56	66590	87.343	ug/l 97
14) Acrylonitrile	3.14	53	212327	96.518	ug/l 99
15) Acetone	2.45	58	65419	92.553	ug/l 95
16) Carbon Disulfide	2.57	76	190643	19.742	ug/l 99
17) Allyl chloride	2.73	41	132063	19.948	ug/l 97
18) Methylene Chloride	2.86	84	71059	20.133	ug/l 88
19) trans-1,2-Dichloroethene	3.17	96	65600	20.159	ug/l 93
20) Diisopropyl ether	3.85	45	261915	20.201	ug/l # 81
21) 1,1-Dichloroethane	3.70	63	135593	20.493	ug/l 97
23) tert-Butyl Alcohol	3.04	59	78995	97.467	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	220837	20.097	ug/l 98
25) Chloroform	5.21	83	126990	20.345	ug/l 93
26) Cyclohexane	5.58	56	130847	20.742	ug/l # 85
29) 1,1-Dichloropropene	5.81	75	97738	20.042	ug/l 94
30) 2-Butanone	4.67	43	322928	94.463	ug/l # 89
31) 2,2-Dichloropropane	4.59	77	98366	19.999	ug/l 95
32) 1,1,1-Trichloroethane	5.49	97	104669	20.263	ug/l # 94
33) Carbon Tetrachloride	5.79	117	88895	20.506	ug/l 93
34) Benzene	6.15	78	294732	20.211	ug/l 98
35) Methacrylonitrile	5.04	41	65107	19.575	ug/l 92
36) 1,2-Dichloroethane	6.20	62	109148	20.621	ug/l 96
37) Trichloroethene	7.21	130	70555	20.303	ug/l 84
38) Methylcyclohexane	7.46	83	118968	20.084	ug/l 89
39) 1,2-Dichloropropane	7.51	63	78329	19.723	ug/l 98
40) Dibromomethane	7.66	93	48384	19.898	ug/l 89
41) Bromodichloromethane	7.90	83	92567	19.687	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031819\
 Data File : VX008168.D
 Acq On : 18 Mar 2019 16:06
 Operator : JC/SP
 Sample : VX0318WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBS01

Quant Time: Mar 19 02:40:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Mar 18 14:34:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Vinyl Acetate	3.82	43	1138913	99.062	ug/l #	94
43) Ethyl Acetate	4.84	43	115245	19.015	ug/l #	82
44) Isopropyl Acetate	6.45	43	183085	19.476	ug/l	98
45) 1,4-Dioxane	7.74	88	33860	385.579	ug/l #	82
46) Methyl methacrylate	7.77	41	96681	19.492	ug/l	91
47) n-amyl Acetate	10.90	43	158873	19.778	ug/l	96
48) t-1,3-Dichloropropene	9.04	75	103569	19.929	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	114659	19.832	ug/l	95
50) 1,1,2-Trichloroethane	9.21	97	71163	20.384	ug/l	97
51) Ethyl methacrylate	9.18	69	113724	20.095	ug/l	92
52) 1,3-Dichloropropane	9.37	76	126534	20.242	ug/l	99
53) Dibromochloromethane	9.58	129	67045	19.861	ug/l	100
54) 1,2-Dibromoethane	9.67	107	73672	20.219	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	394964	98.024	ug/l	95
56) Bromoform	10.85	173	48016	19.771	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	617663	99.898	ug/l	96
59) 2-Hexanone	9.49	43	474264	97.221	ug/l	97
61) Tetrachloroethene	9.34	164	68197	20.946	ug/l	98
62) Toluene	8.78	91	307692	20.124	ug/l	99
64) Chlorobenzene	10.14	112	183350	20.149	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	63745	19.978	ug/l	98
66) Ethyl Benzene	10.25	91	330562	20.242	ug/l	95
67) m/p-Xylenes	10.36	106	242071	40.126	ug/l	91
68) o-Xylene	10.69	106	118258	20.400	ug/l	92
69) Styrene	10.71	104	190306	20.154	ug/l	95
70) Isopropylbenzene	11.02	105	320985	20.535	ug/l	95
71) 1,1,2,2-Tetrachloroethane	11.27	83	111724	20.405	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	131232	27.794	ug/l	90
73) Bromobenzene	11.26	156	74243	20.064	ug/l	81
74) n-propylbenzene	11.36	91	372982	20.154	ug/l	95
75) 2-Chlorotoluene	11.42	91	221045	20.331	ug/l	91
76) 1,3,5-Trimethylbenzene	11.51	105	261814	20.255	ug/l	96
77) t-1,4-Dichloro-2-butene	11.07	75	33120	19.521	ug/l	97
78) 4-Chlorotoluene	11.51	91	250255	19.983	ug/l	92
79) tert-butylbenzene	12.06	119	269346	20.462	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	267087	20.470	ug/l	94
81) sec-Butylbenzene	11.94	105	313302	20.296	ug/l	96
82) p-Isopropyltoluene	12.06	119	269346	20.462	ug/l	96
83) 1,3-Dichlorobenzene	12.02	146	134158	20.231	ug/l	96
84) 1,4-Dichlorobenzene	12.10	146	132450	20.125	ug/l	96
85) n-Butylbenzene	12.38	91	246268	19.841	ug/l	97
86) Hexachloroethane	12.60	117	44959	19.925	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	133989	20.278	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	23400	19.299	ug/l #	75
89) 1,2,4-Trichlorobenzene	13.65	180	88914	20.658	ug/l	99
90) Hexachlorobutadiene	13.78	225	45320	20.290	ug/l	99
91) Naphthalene	13.83	128	282285	20.249	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	87245	20.294	ug/l	99

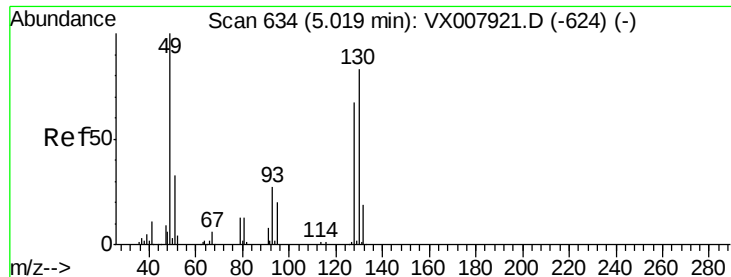
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031819\
Data File : VX008168.D
Acq On : 18 Mar 2019 16:06
Operator : JC/SP
Sample : VX0318WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Quant Time: Mar 19 02:40:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031819W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Mar 18 14:34:46 2019
Response via : Initial Calibration

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

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBS01

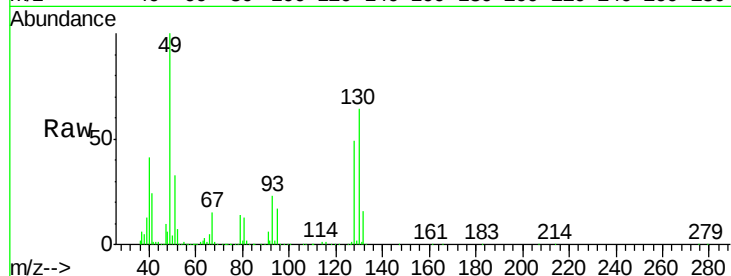
Tot Ion:128 Resp: 64462

Ion Ratio Lower Upper

128 100

49 197.4 0.0 350.8

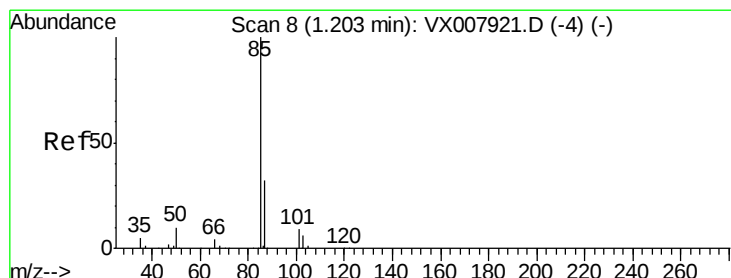
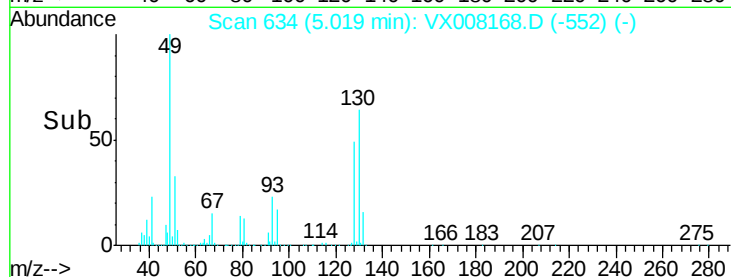
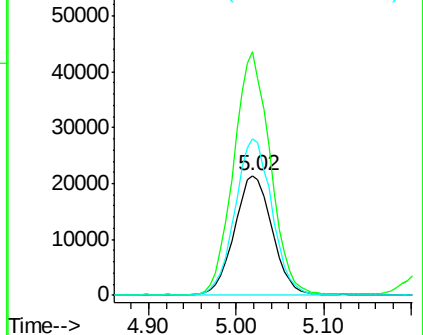
130 128.5 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.341 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008168.D

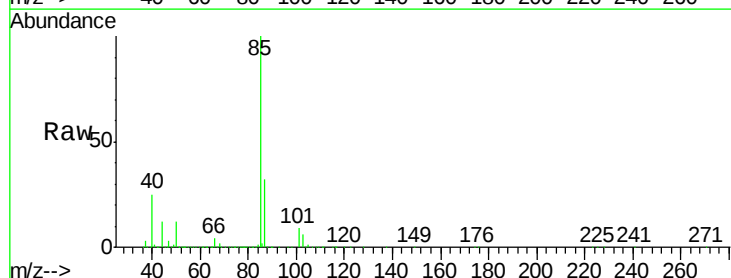
Acq: 18 Mar 2019 16:06

Tgt Ion: 85 Resp: 58754

Ion Ratio Lower Upper

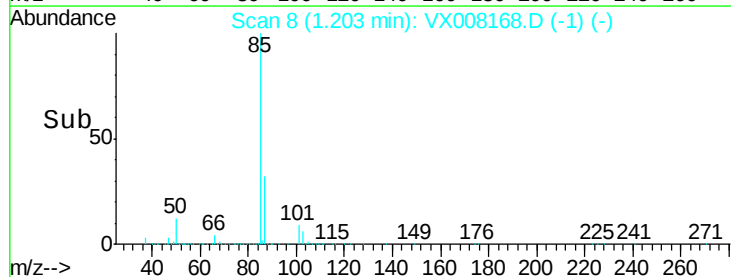
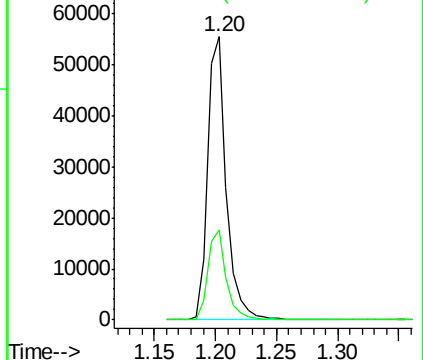
85 100

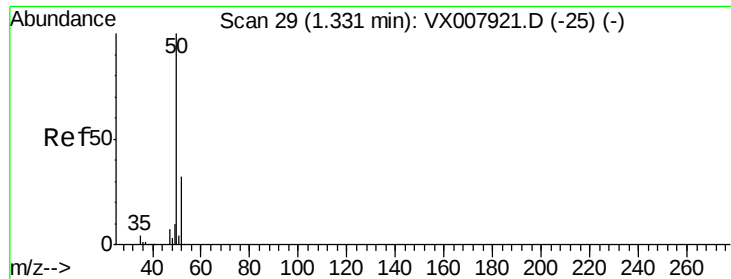
87 31.8 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.479 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

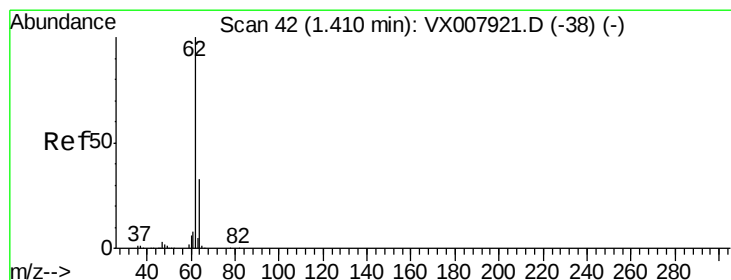
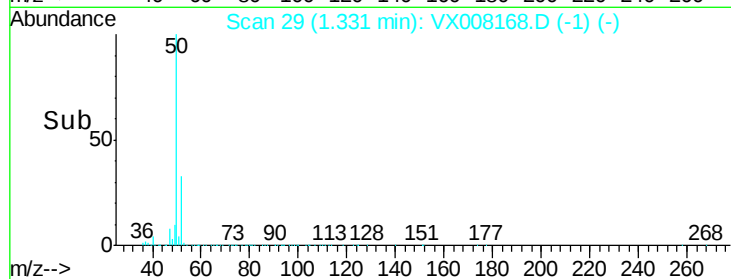
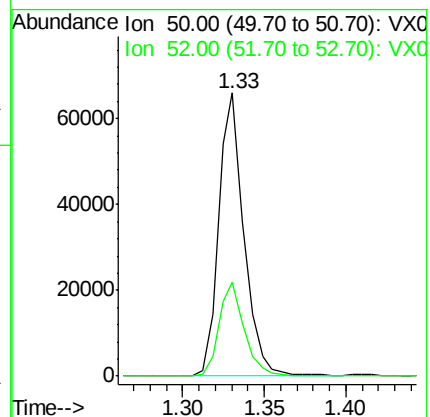
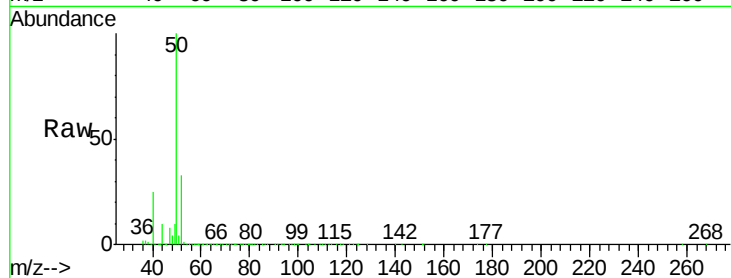
VX0318WBS01

Tot Ion: 50 Resp: 70921

Ion Ratio Lower Upper

50 100

52 33.2 27.5 41.3



#4

Vinyl Chloride

Concen: 19.333 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008168.D

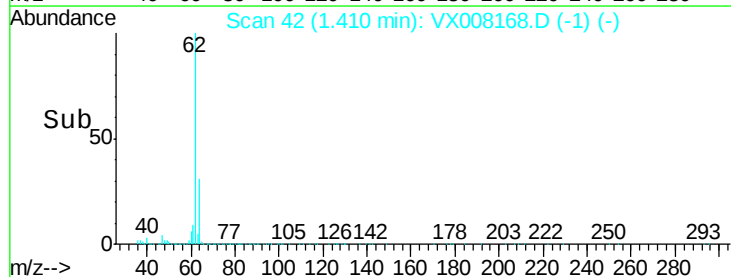
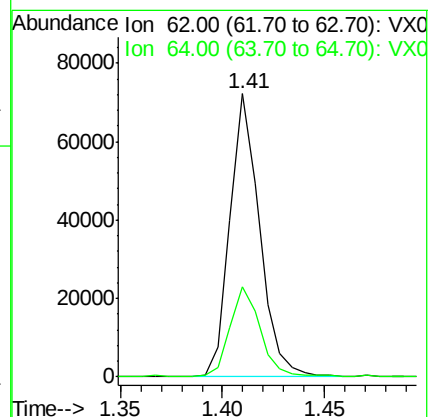
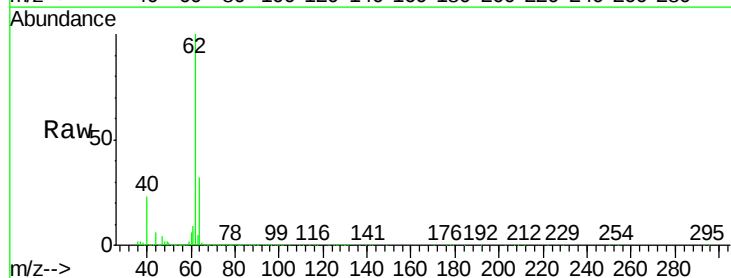
Acq: 18 Mar 2019 16:06

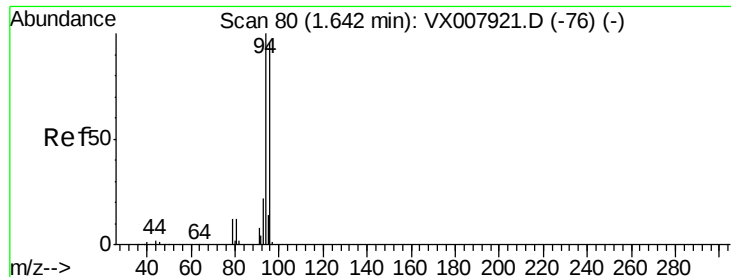
Tgt Ion: 62 Resp: 72586

Ion Ratio Lower Upper

62 100

64 31.5 25.9 38.9





#5

Bromomethane

Concen: 16.049 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

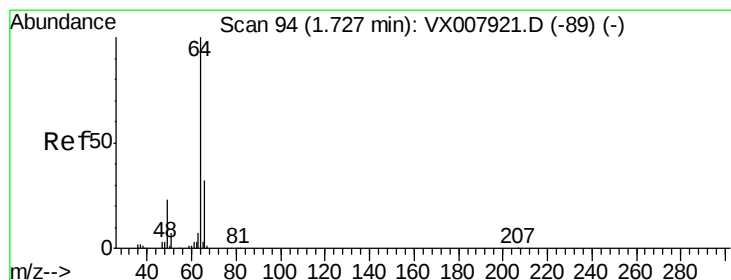
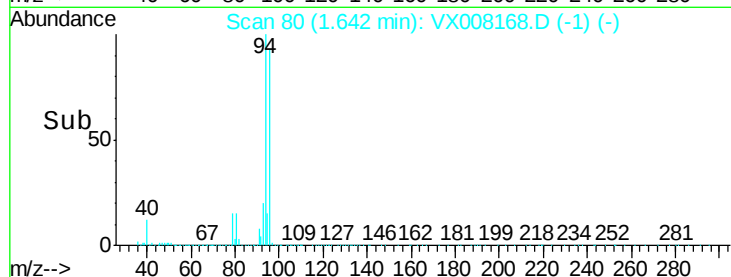
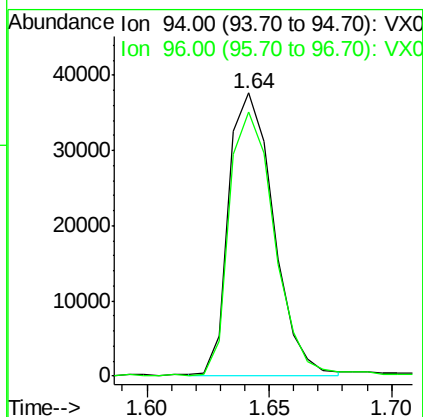
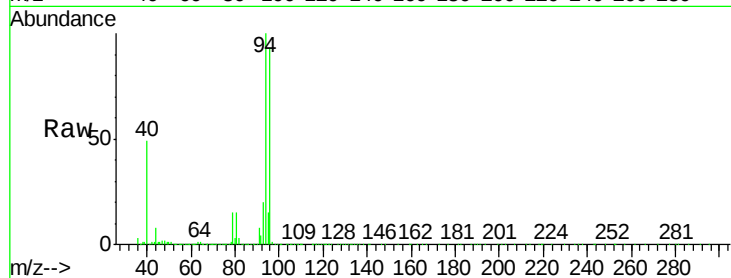
VX0318WBS01

Tot Ion: 94 Resp: 47994

Ion Ratio Lower Upper

94 100

96 93.3 75.6 113.4



#6

Chloroethane

Concen: 19.034 ug/l

RT: 1.73 min Scan# 94

Delta R.T. -0.00 min

Lab File: VX008168.D

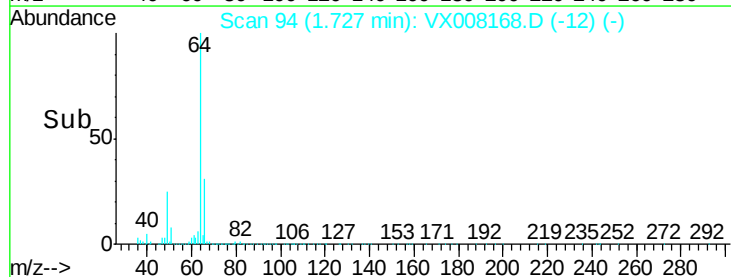
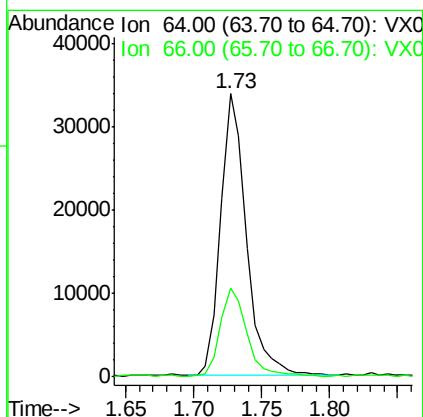
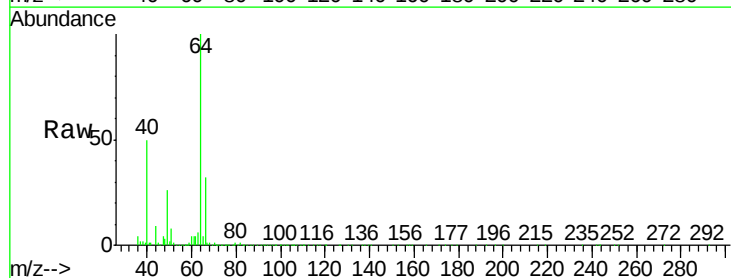
Acq: 18 Mar 2019 16:06

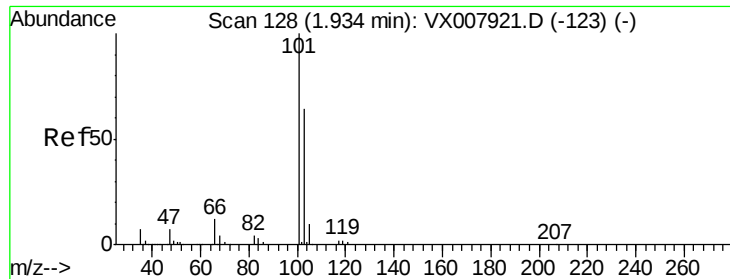
Tgt Ion: 64 Resp: 44673

Ion Ratio Lower Upper

64 100

66 31.5 23.9 35.9



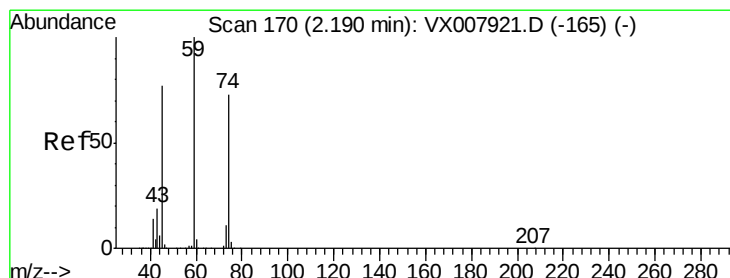
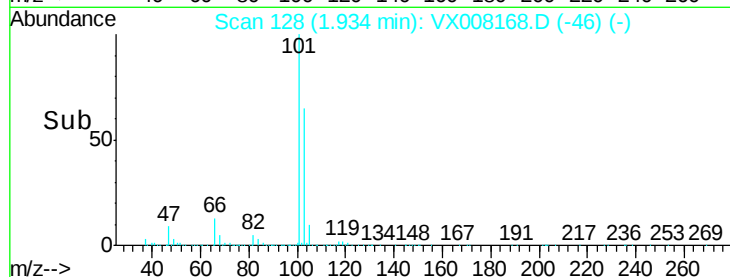
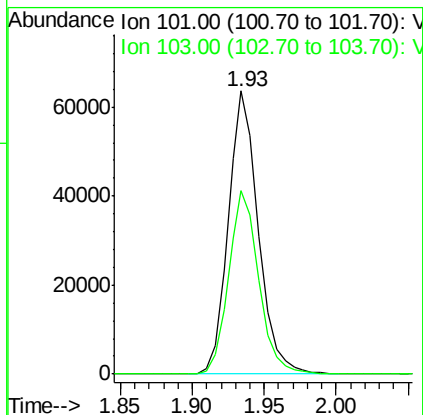
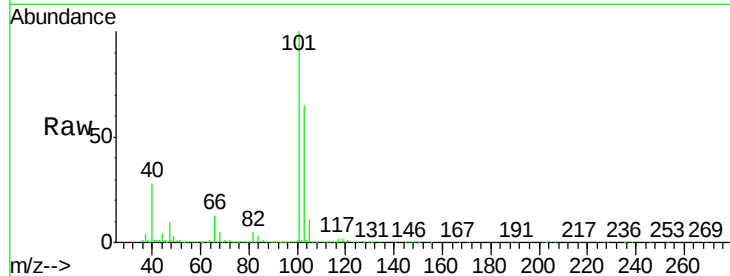


#7

Trichlorofluoromethane
 Concen: 19.607 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. -0.00 min
 Lab File: VX008168.D
 Acq: 18 Mar 2019 16:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBS01

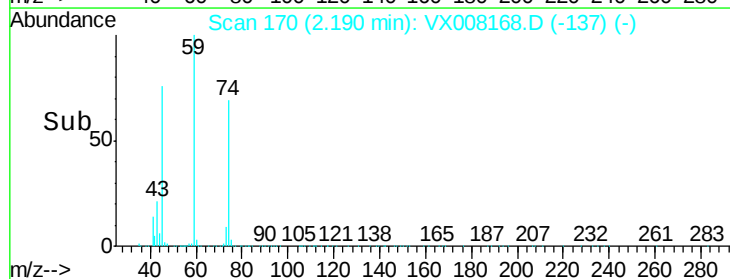
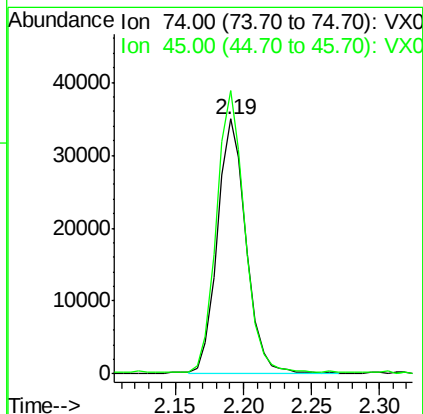
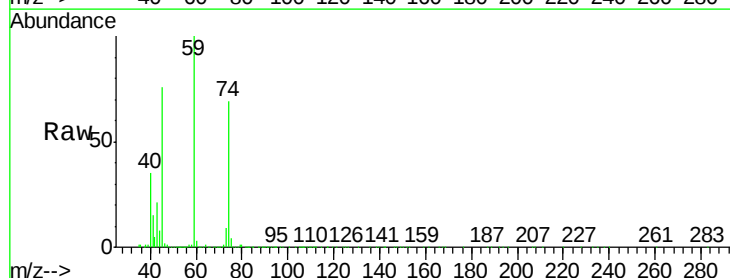
Tot Ion:101 Resp: 92688
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.4 75.6

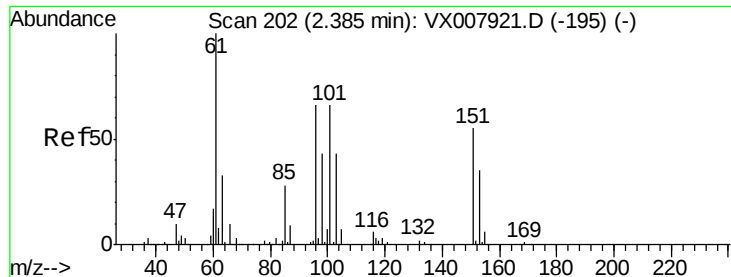


#8

Diethyl Ether
 Concen: 20.047 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008168.D
 Acq: 18 Mar 2019 16:06

Tgt Ion: 74 Resp: 51170
 Ion Ratio Lower Upper
 74 100
 45 108.7 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.000 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBS01

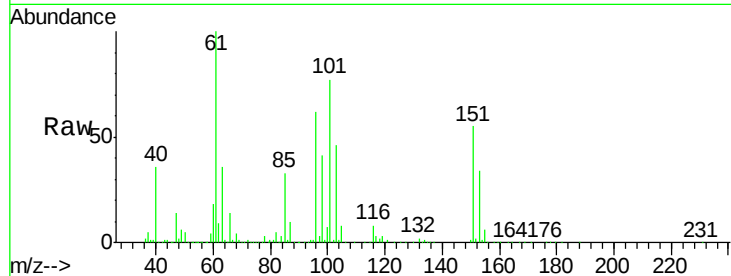
Tot Ion:101 Resp: 67337

Ion Ratio Lower Upper

101 100

85 43.9 0.0 86.8

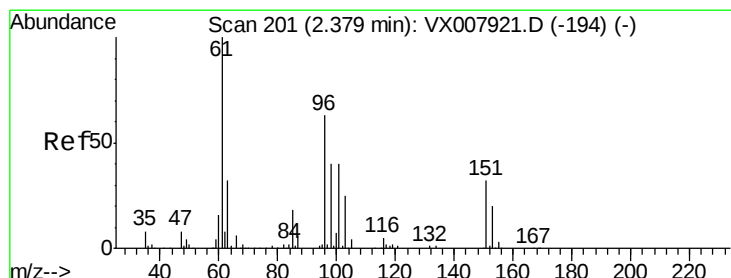
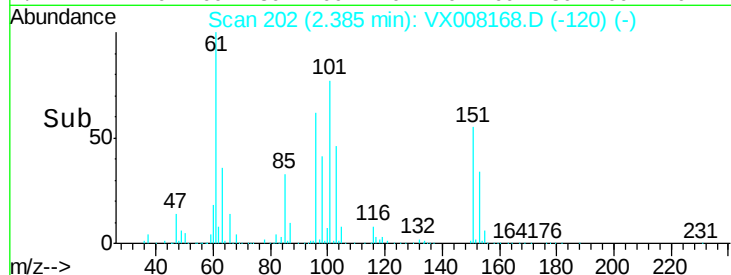
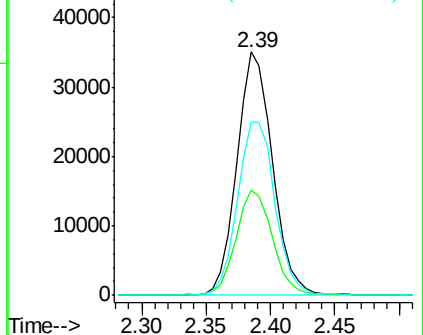
151 74.6 0.0 169.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.504 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

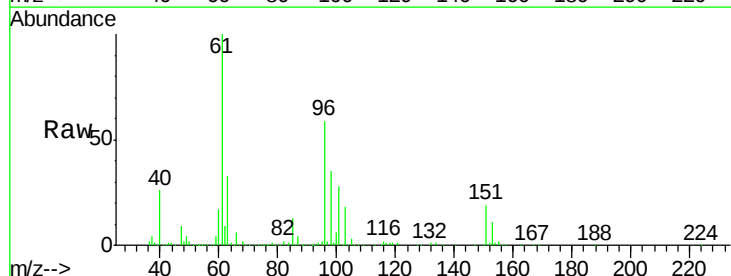
Tgt Ion: 96 Resp: 62106

Ion Ratio Lower Upper

96 100

61 169.6 120.2 180.2

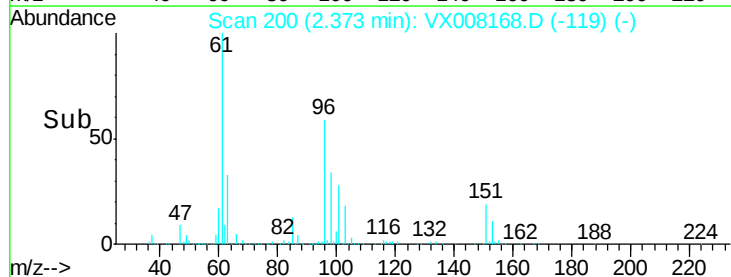
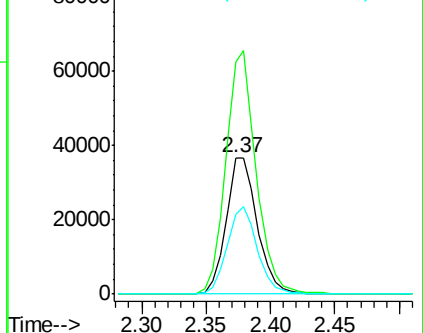
98 58.6 49.0 73.4

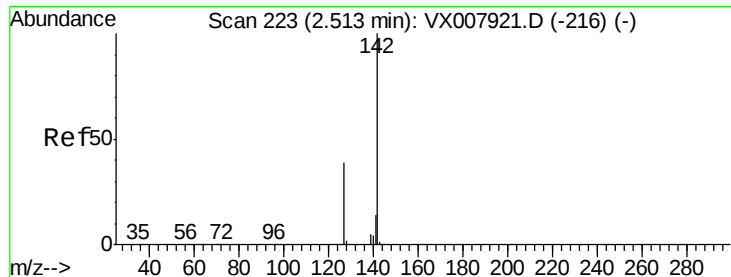


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

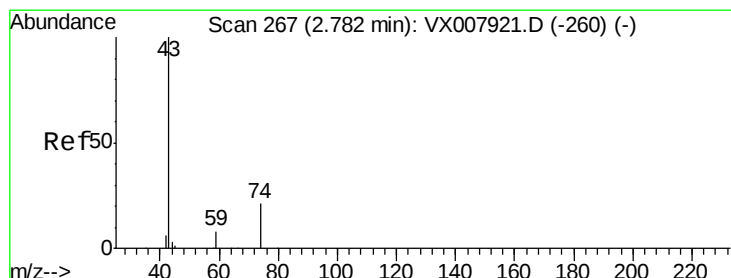
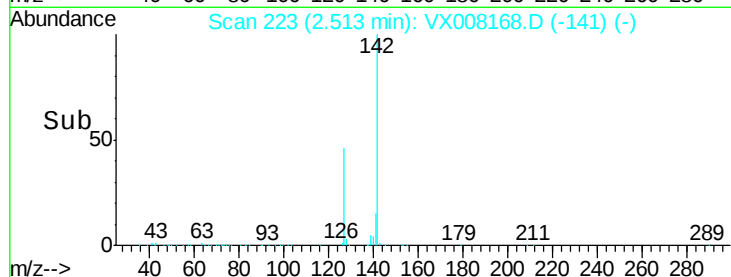
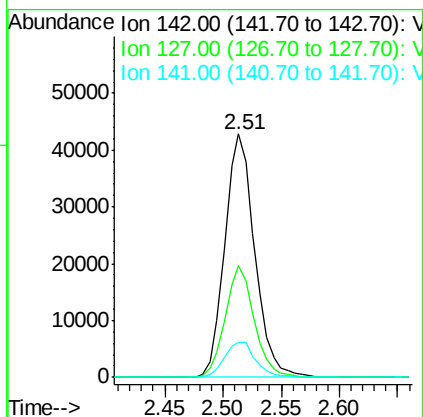
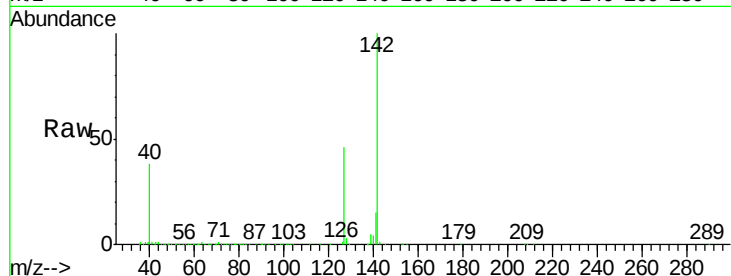




#11
Methvl Iodide
Concen: 19.802 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX008168.D
Acq: 18 Mar 2019 16:06

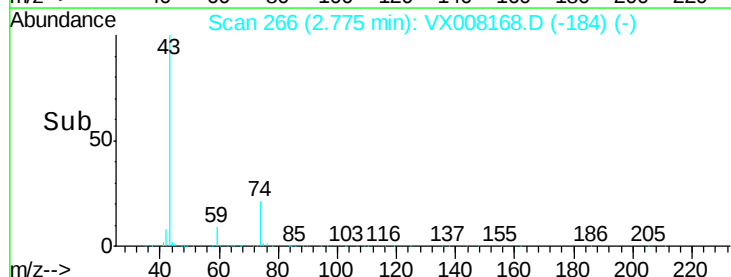
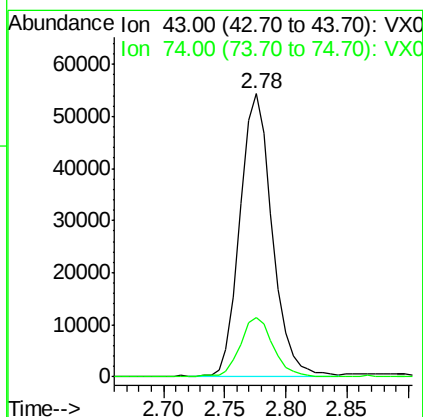
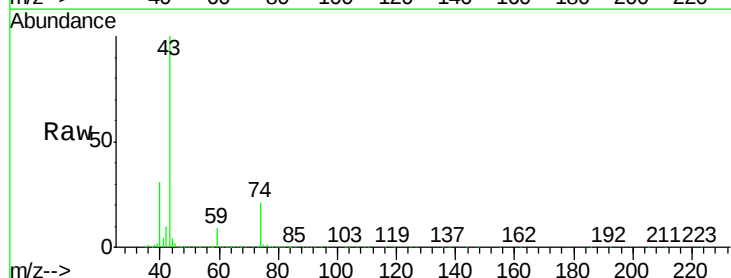
Instrument :
MSVOA_X
ClientSampled :
VX0318WBS01

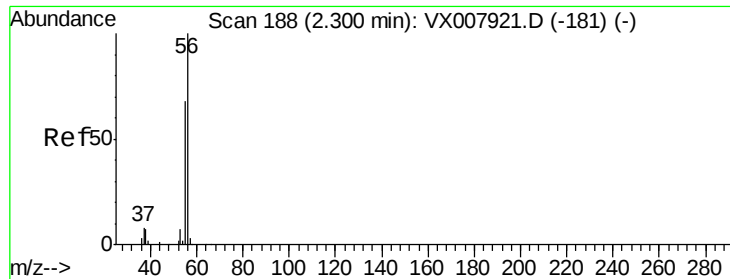
Tot Ion:142 Resp: 76343
Ion Ratio Lower Upper
142 100
127 45.7 22.1 66.5
141 14.5 7.4 22.3



#12
Methyl Acetate
Concen: 19.917 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008168.D
Acq: 18 Mar 2019 16:06

Tgt Ion: 43 Resp: 98740
Ion Ratio Lower Upper
43 100
74 20.5 19.4 29.0





#13

Acrolein

Concen: 87.343 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

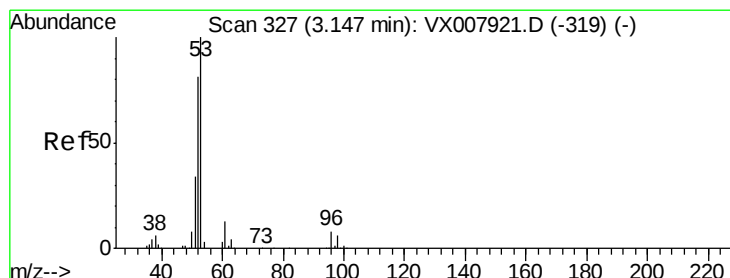
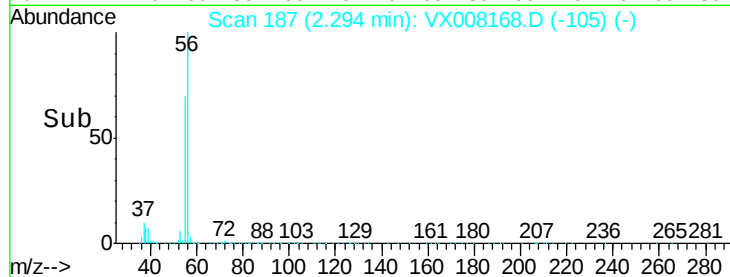
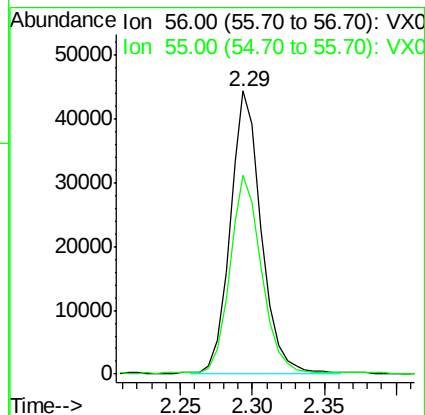
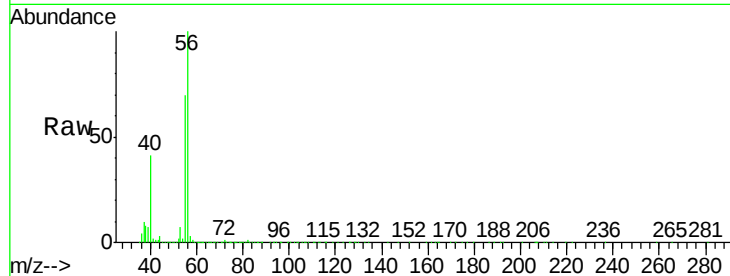
VX0318WBS01

Tot Ion: 56 Resp: 66590

Ion Ratio Lower Upper

56 100

55 70.4 58.6 87.8



#14

Acrylonitrile

Concen: 96.518 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

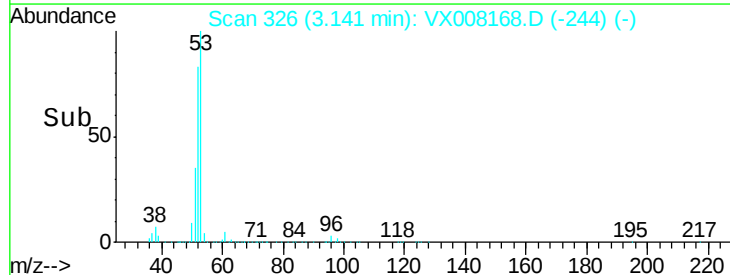
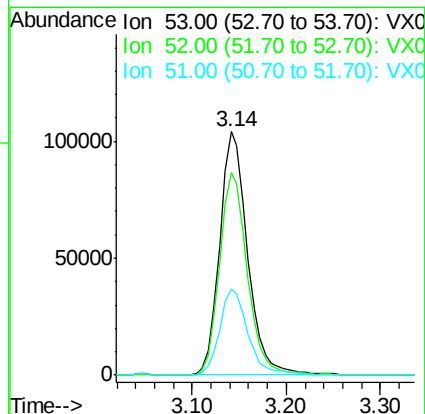
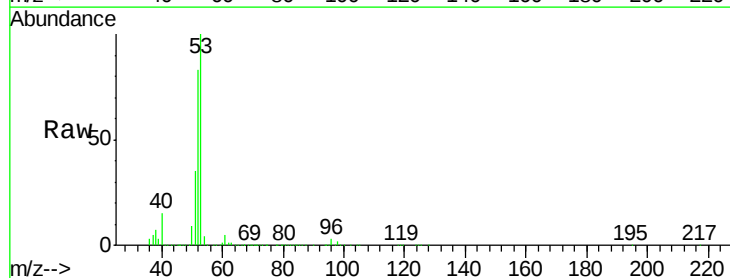
Tgt Ion: 53 Resp: 212327

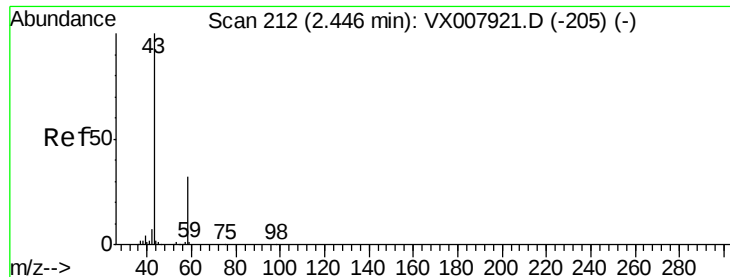
Ion Ratio Lower Upper

53 100

52 83.1 41.3 124.1

51 35.9 17.5 52.6





#15

Acetone

Concen: 92.553 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

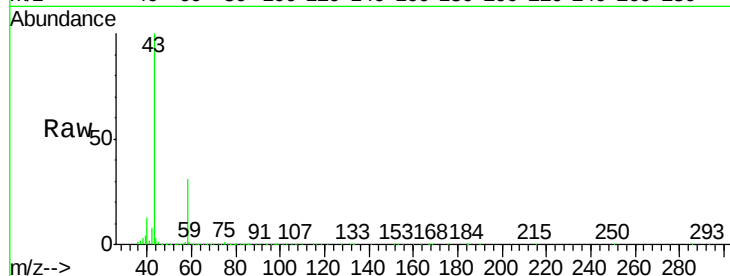
VX0318WBS01

Tot Ion: 58 Resp: 65419

Ion Ratio Lower Upper

58 100

43 322.9 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

150000

100000

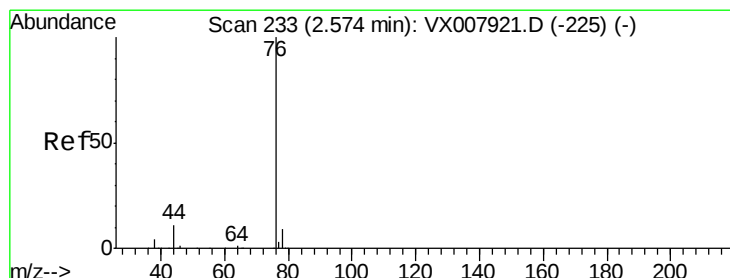
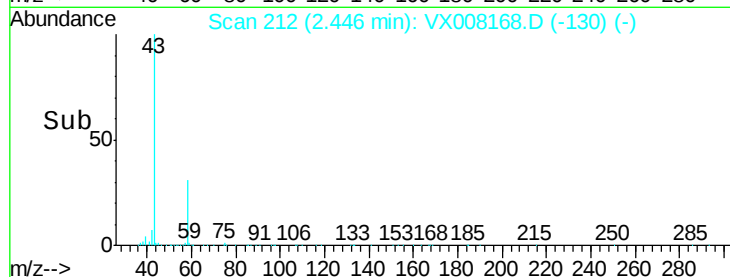
50000

0

2.40 2.45 2.50

2.45

Time-->



#16

Carbon Disulfide

Concen: 19.742 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX008168.D

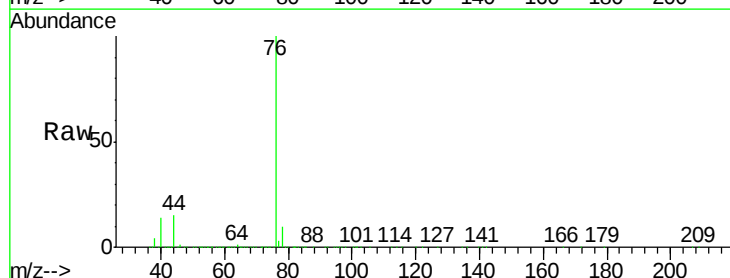
Acq: 18 Mar 2019 16:06

Tgt Ion: 76 Resp: 190643

Ion Ratio Lower Upper

76 100

78 9.7 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

100000

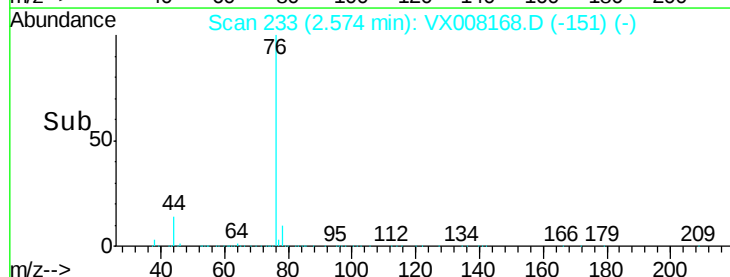
50000

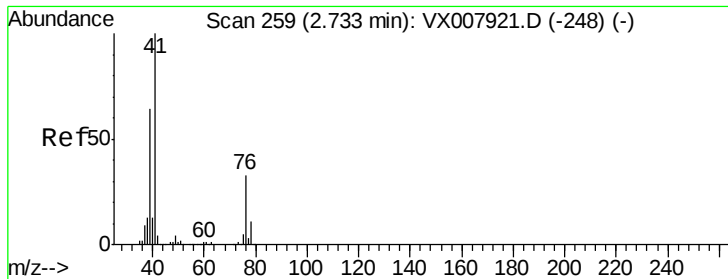
0

2.50 2.55 2.60 2.65 2.70

2.57

Time-->

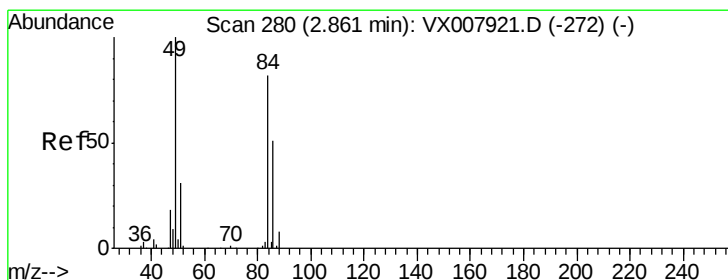
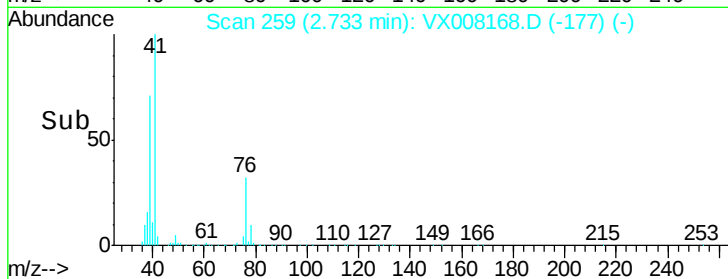
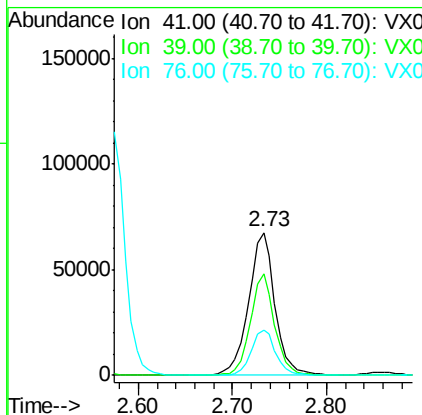
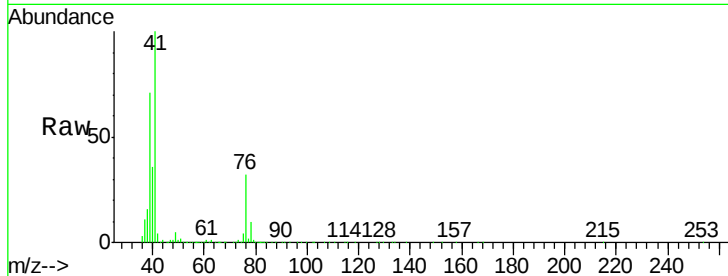




#17
Allvl chloride
Concen: 19.948 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX008168.D
Acq: 18 Mar 2019 16:06

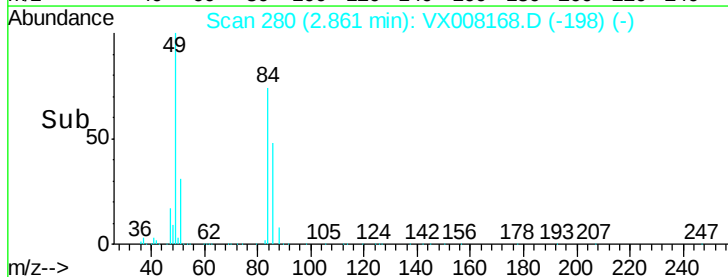
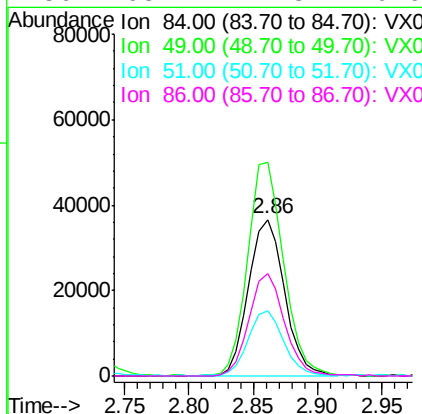
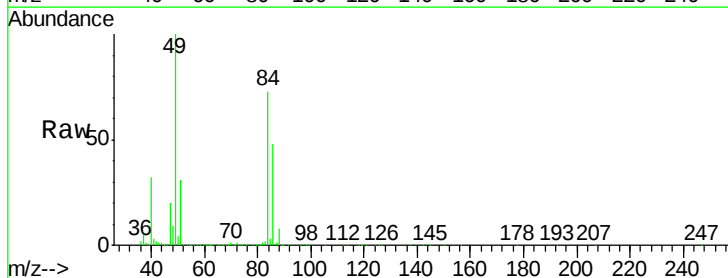
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

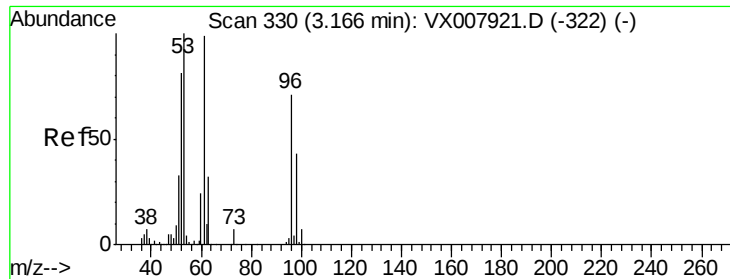
Tot Ion: 41 Resp: 132063
Ion Ratio Lower Upper
41 100
39 71.0 35.8 107.4
76 32.0 18.3 54.9



#18
Methylene Chloride
Concen: 20.133 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008168.D
Acq: 18 Mar 2019 16:06

Tgt Ion: 84 Resp: 71059
Ion Ratio Lower Upper
84 100
49 136.5 96.1 144.1
51 41.5 29.1 43.7
86 65.4 47.3 70.9





#19

trans-1,2-Dichloroethene

Concen: 20.159 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBS01

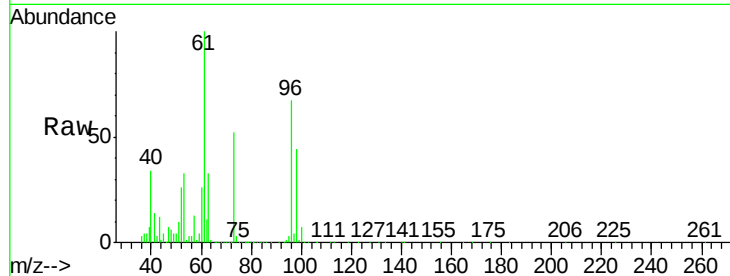
Tot Ion: 96 Resp: 65600

Ion Ratio Lower Upper

96 100

61 148.4 109.9 164.9

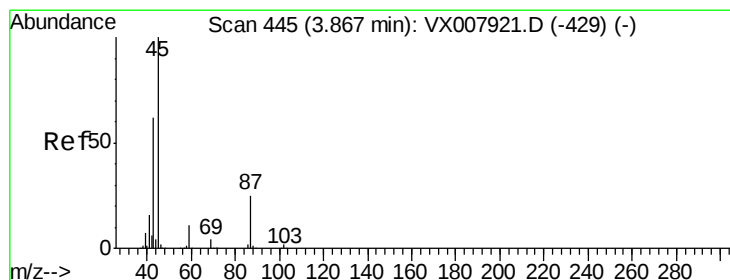
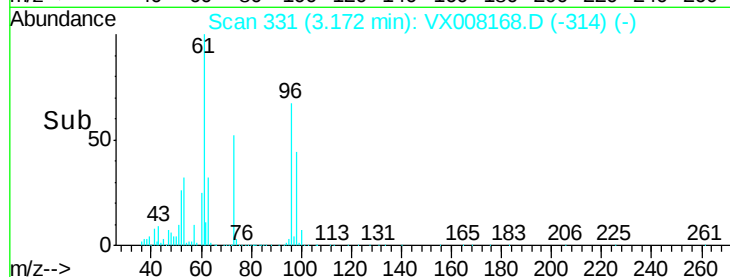
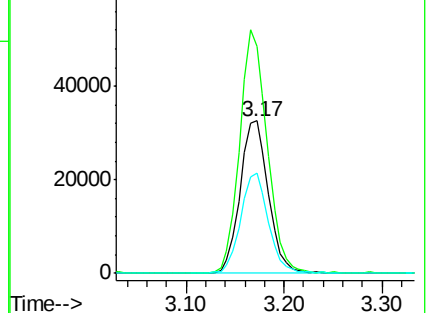
98 65.9 50.4 75.6



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



#20

Diisopropyl ether

Concen: 20.201 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Tgt Ion: 45 Resp: 261915

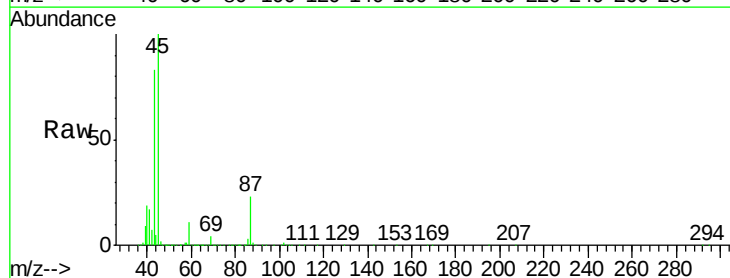
Ion Ratio Lower Upper

45 100

43 82.7 50.6 76.0#

87 23.2 24.5 36.7#

59 10.7 10.2 15.2

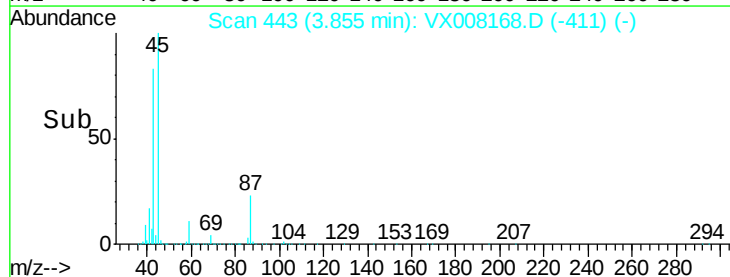
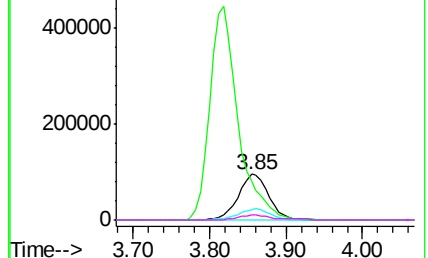


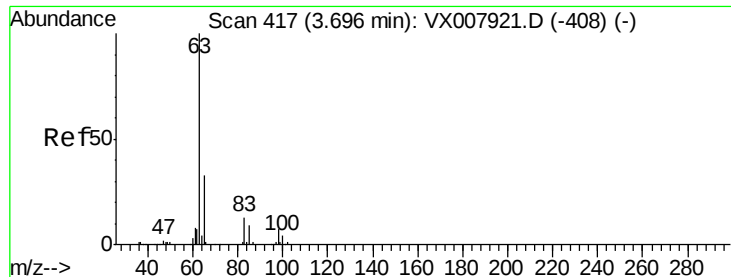
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 20.493 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.01 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBS01

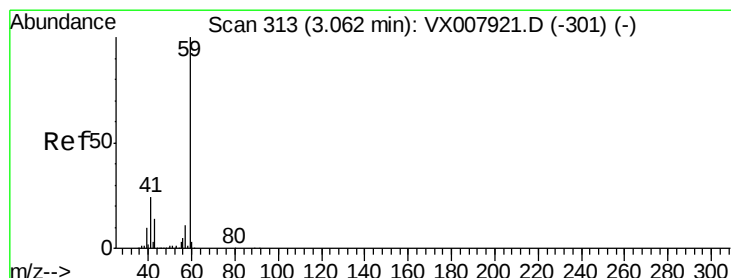
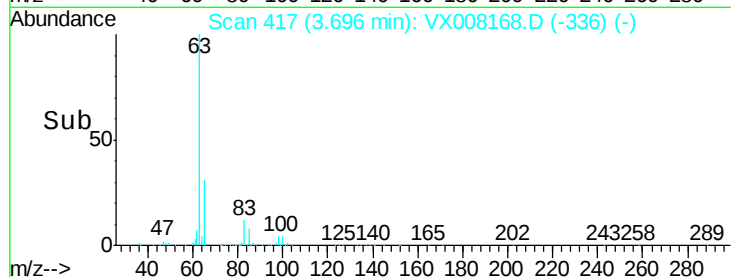
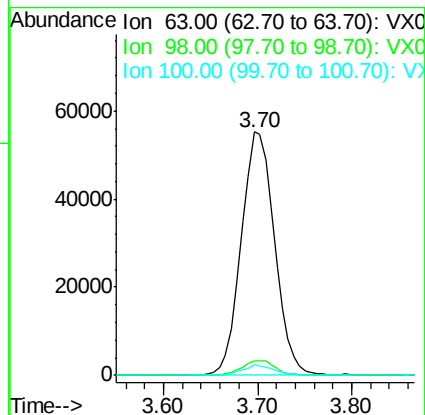
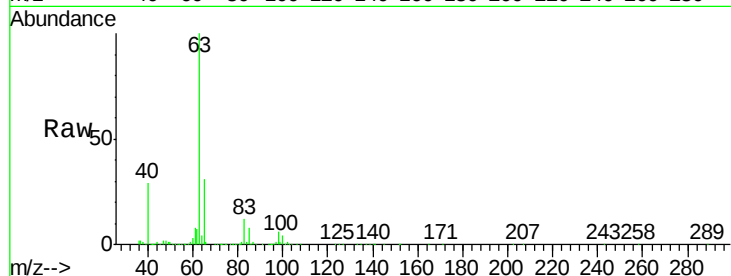
Tot Ion: 63 Resp: 135593

Ion Ratio Lower Upper

63 100

98 6.1 3.8 11.4

100 4.4 2.4 7.1



#23

tert-Butyl Alcohol

Concen: 97.467 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.00 min

Lab File: VX008168.D

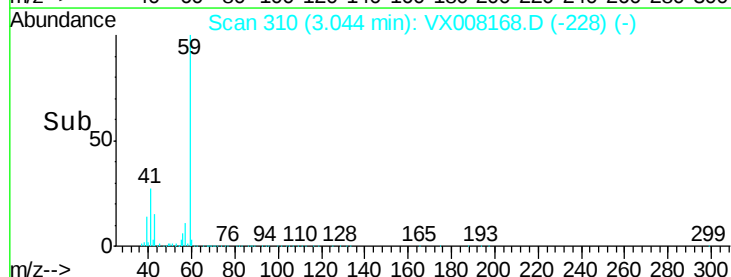
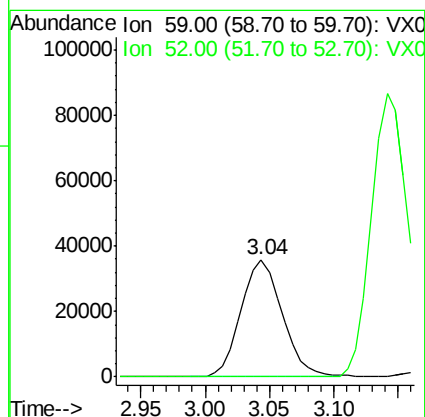
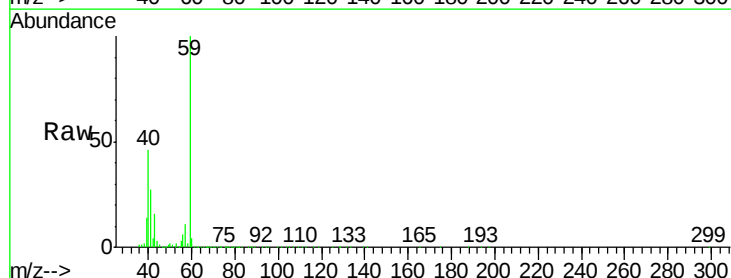
Acq: 18 Mar 2019 16:06

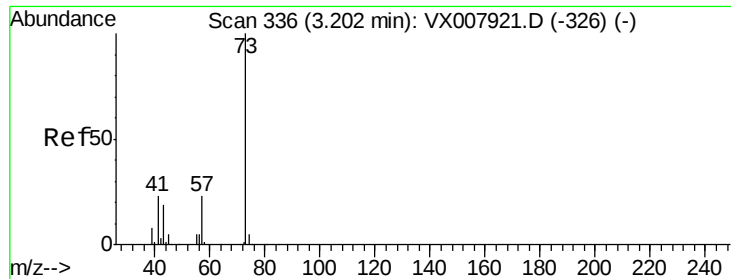
Tgt Ion: 59 Resp: 78995

Ion Ratio Lower Upper

59 100

52 0.3 0.2 0.2#



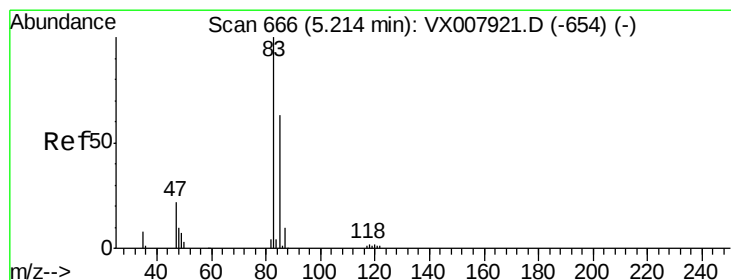
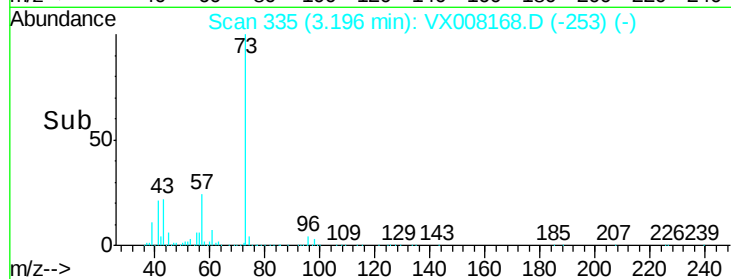
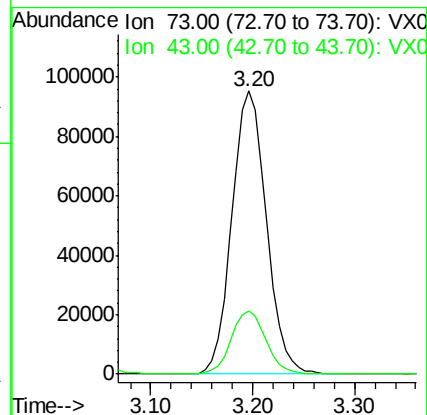
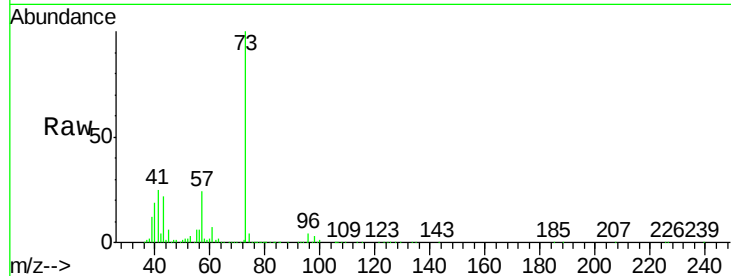


#24

Methyl tert-Butyl Ether
 Concen: 20.097 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX008168.D
 Acq: 18 Mar 2019 16:06

Instrument :
 MSVOA_X
 ClientSampled :
 VX0318WBS01

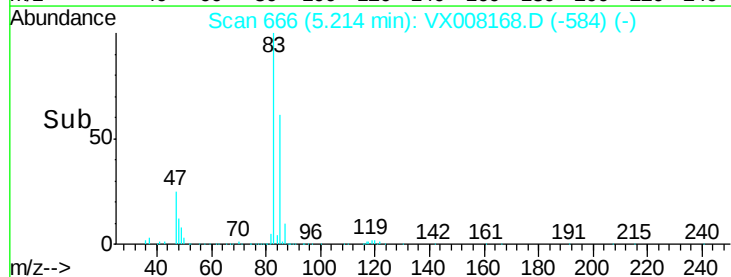
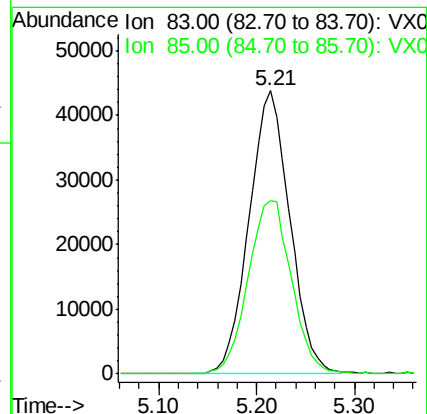
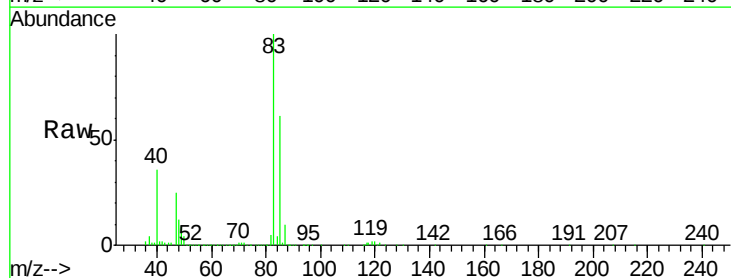
Tot Ion: 73 Resp: 220837
 Ion Ratio Lower Upper
 73 100
 43 22.3 17.1 25.7

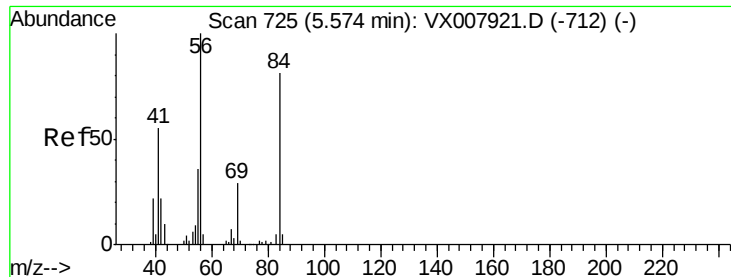


#25

Chloroform
 Concen: 20.345 ug/l
 RT: 5.21 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: VX008168.D
 Acq: 18 Mar 2019 16:06

Tgt Ion: 83 Resp: 126990
 Ion Ratio Lower Upper
 83 100
 85 61.2 53.8 80.6

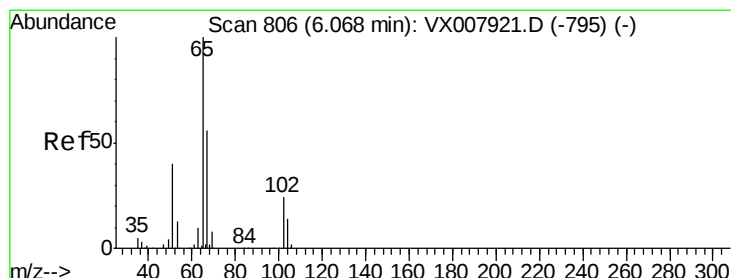
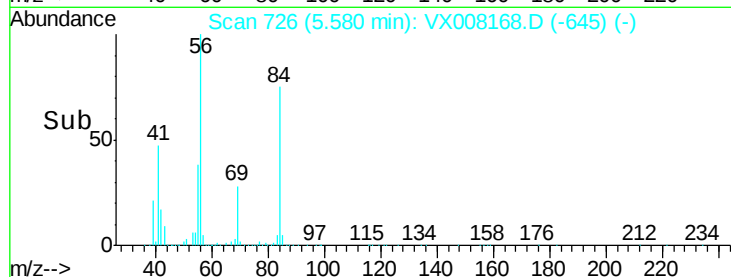
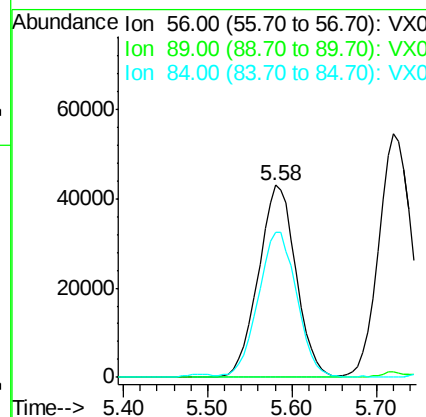
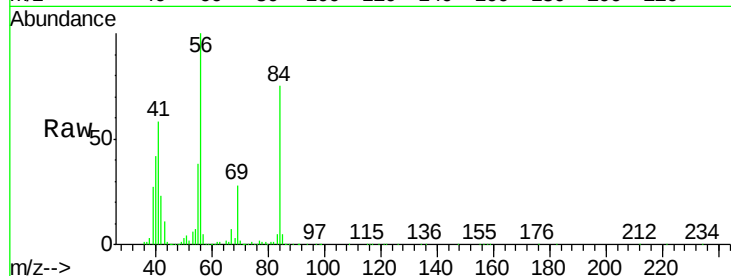




#26
Cyclohexane
Concen: 20.742 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.01 min
Lab File: VX008168.D
Acq: 18 Mar 2019 16:06

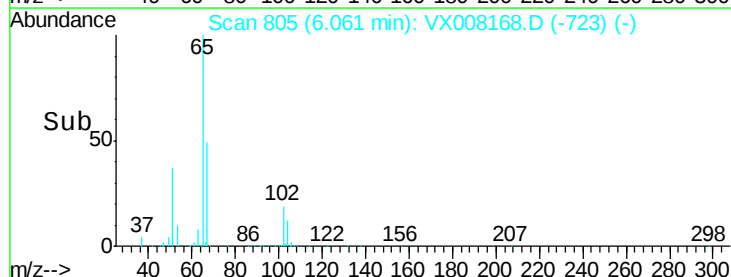
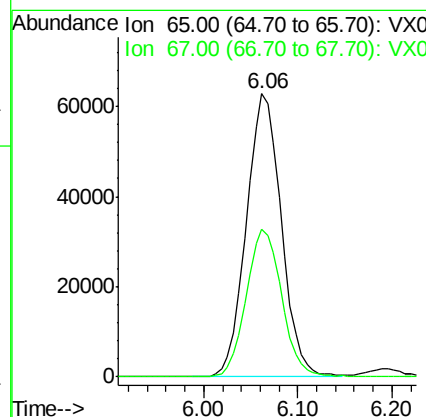
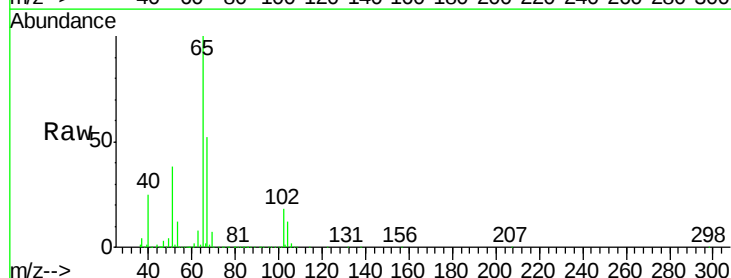
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

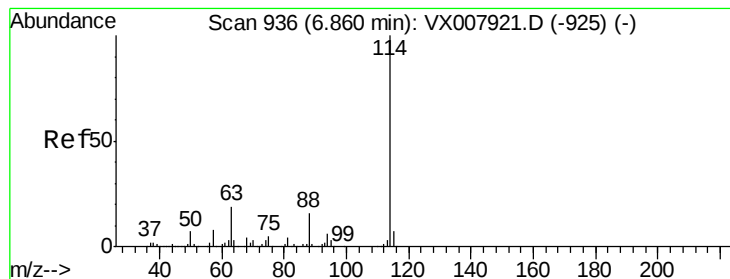
Tot Ion: 56 Resp: 130847
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0#
84 77.6 73.9 110.9



#27
1,2-Dichloroethane-d4
Concen: 30.297 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008168.D
Acq: 18 Mar 2019 16:06

Tgt Ion: 65 Resp: 162458
Ion Ratio Lower Upper
65 100
67 52.5 42.9 64.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBS01

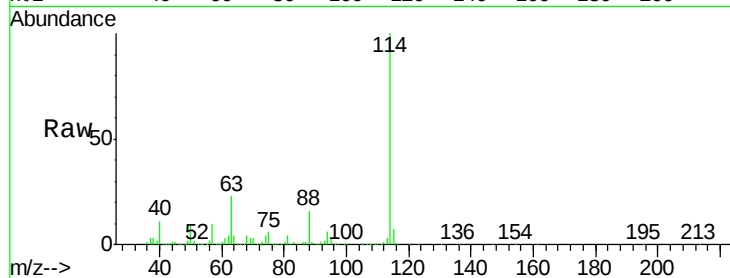
Tot Ion:114 Resp: 366422

Ion Ratio Lower Upper

114 100

63 22.9 14.2 21.4#

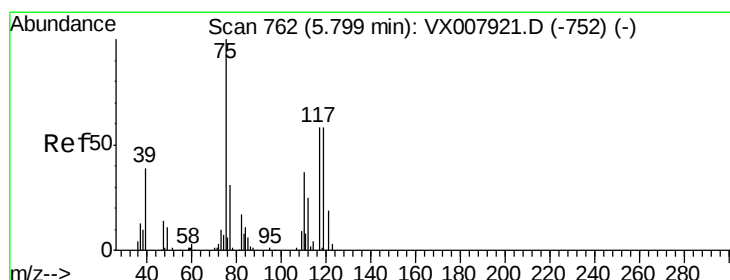
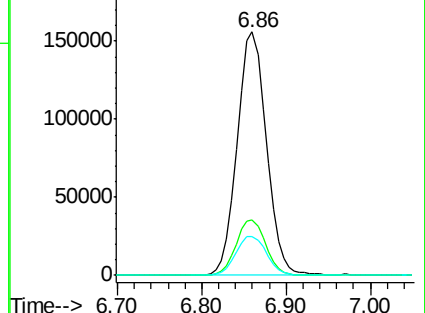
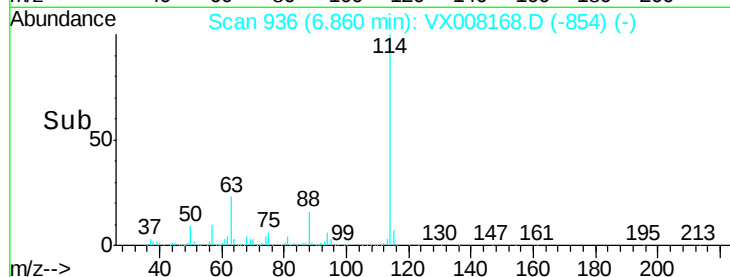
88 16.8 11.9 17.9



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: 20.042 ug/l

RT: 5.81 min Scan# 763

Delta R.T. 0.01 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

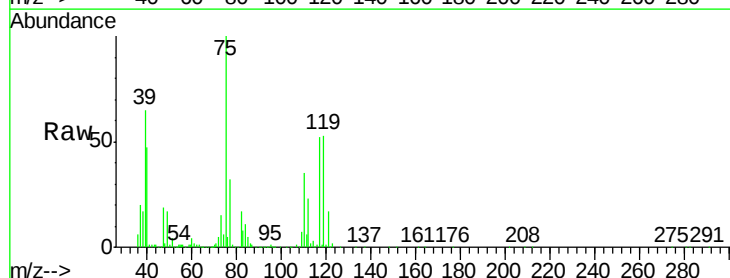
Tgt Ion: 75 Resp: 97738

Ion Ratio Lower Upper

75 100

110 33.8 0.0 80.8

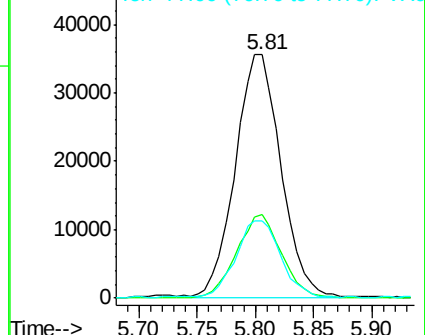
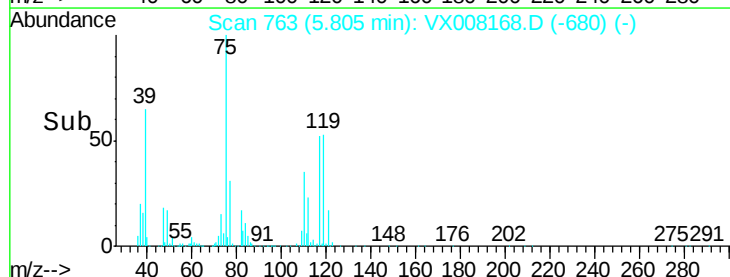
77 30.8 0.0 62.4

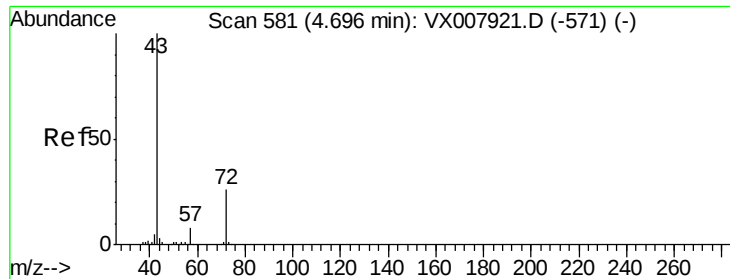


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VX0

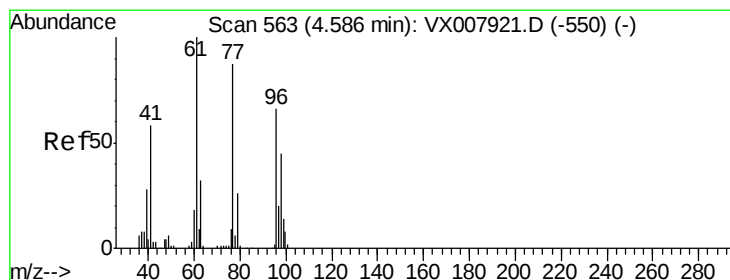
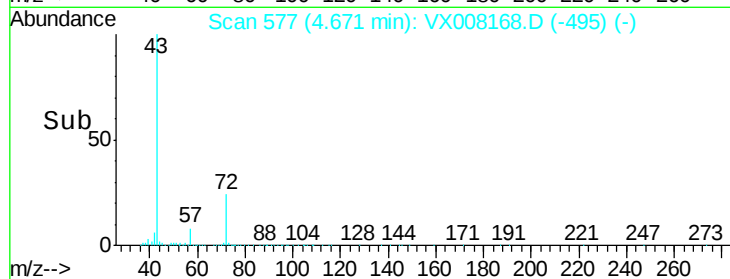
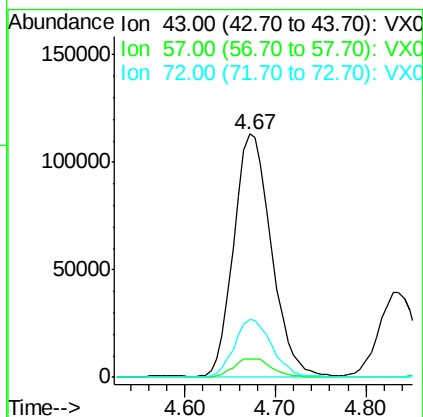
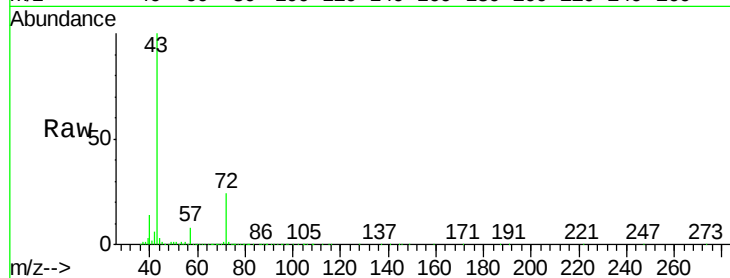




#30
2-Butanone
Concen: 94.463 ug/l
RT: 4.67 min Scan# 577
Delta R.T. -0.00 min
Lab File: VX008168.D
Acq: 18 Mar 2019 16:06

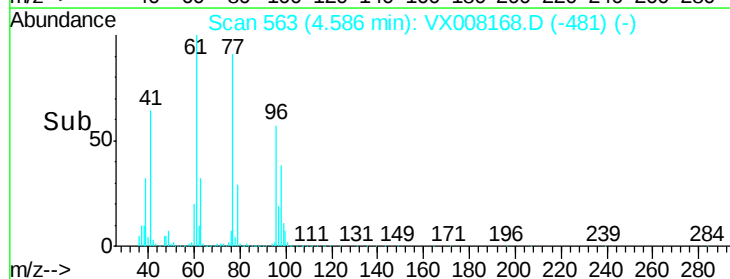
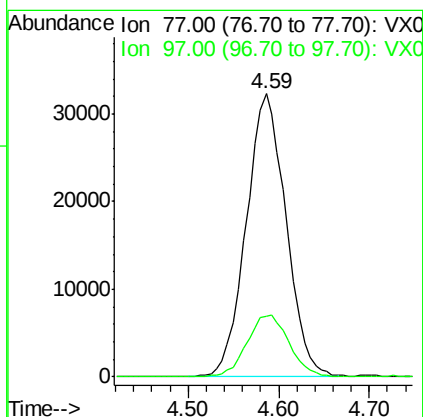
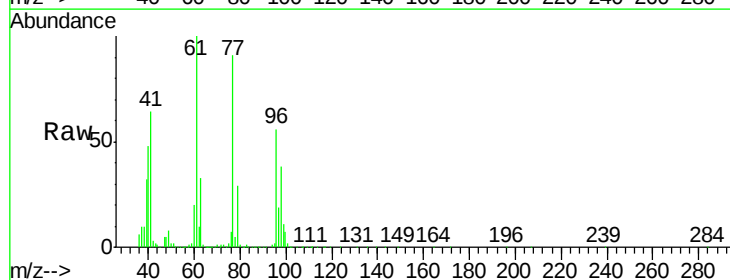
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

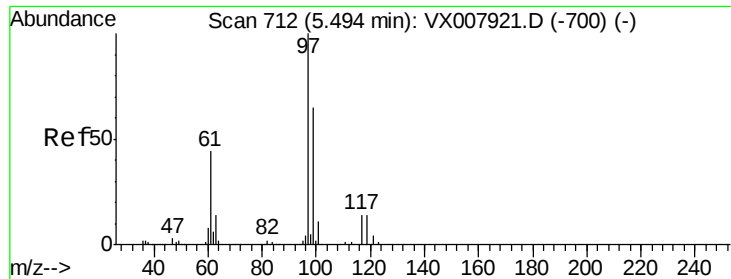
Tot Ion: 43 Resp: 322928
Ion Ratio Lower Upper
43 100
57 0.0 7.0 10.6#
72 23.5 21.5 32.3



#31
2,2-Dichloropropane
Concen: 19.999 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX008168.D
Acq: 18 Mar 2019 16:06

Tgt Ion: 77 Resp: 98366
Ion Ratio Lower Upper
77 100
97 23.2 20.6 31.0





#32

1,1,1-Trichloroethane

Concen: 20.263 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBS01

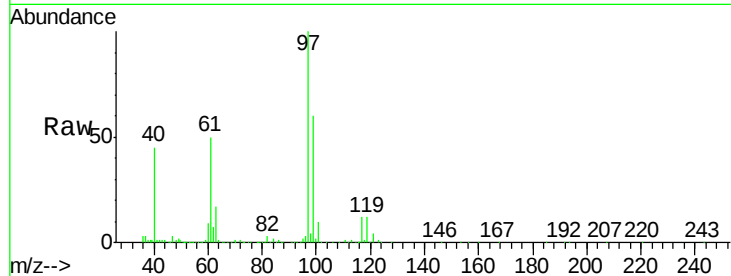
Tot Ion: 97 Resp: 104669

Ion Ratio Lower Upper

97 100

99 63.9 51.7 77.5

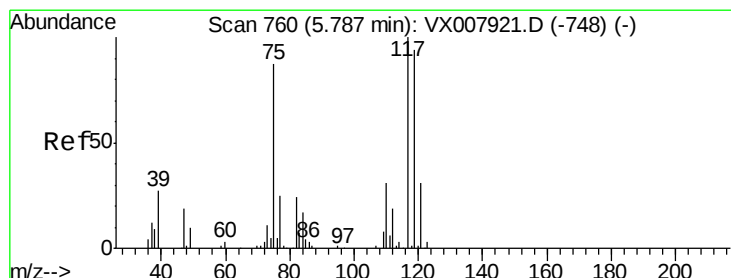
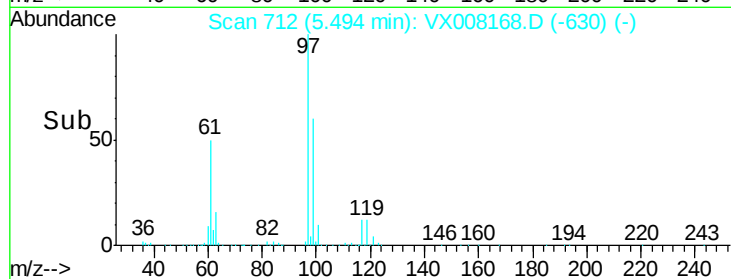
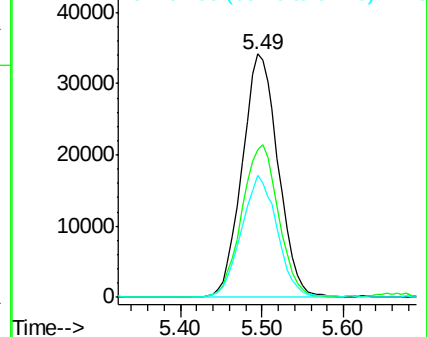
61 49.9 32.8 49.2#



Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#33

Carbon Tetrachloride

Concen: 20.506 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

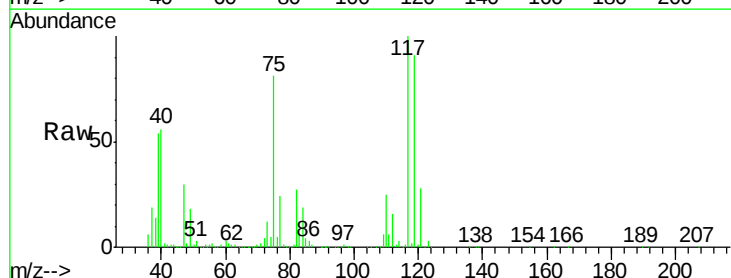
Tgt Ion: 117 Resp: 88895

Ion Ratio Lower Upper

117 100

119 91.2 78.1 117.1

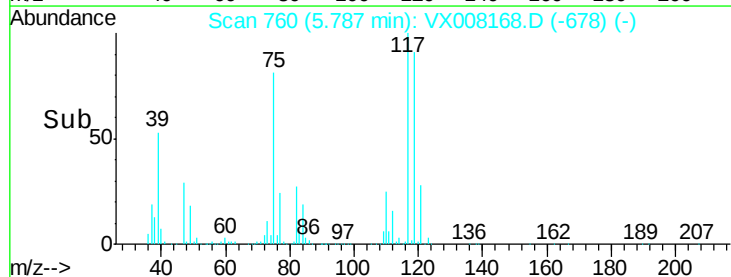
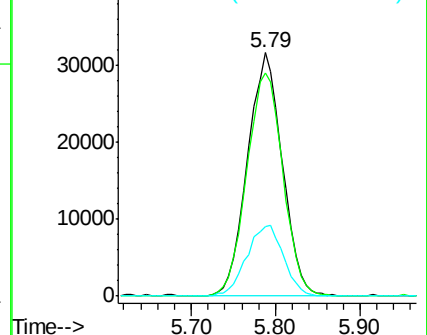
121 28.5 27.0 40.6

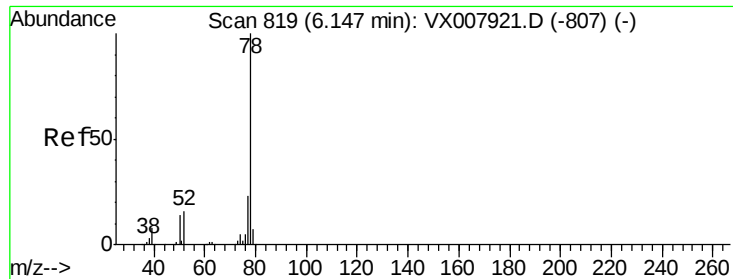


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V





#34

Benzene

Concen: 20.211 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBS01

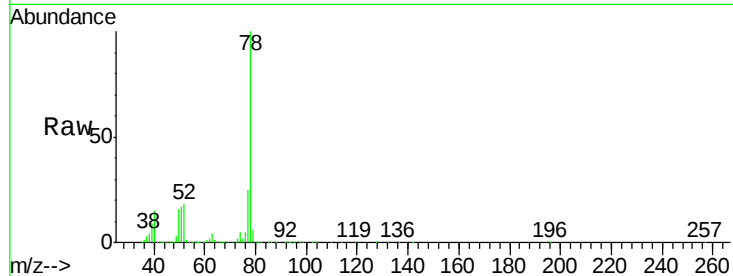
Tot Ion: 78 Resp: 294732

Ion Ratio Lower Upper

78 100

77 24.4 19.1 28.7

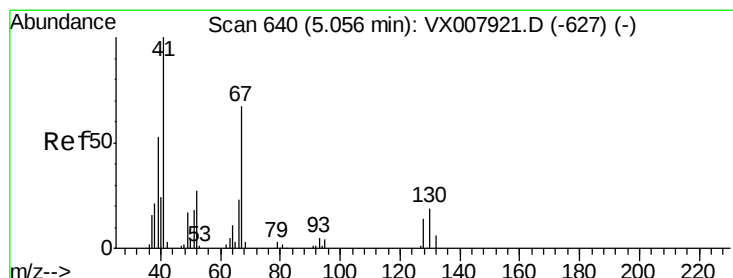
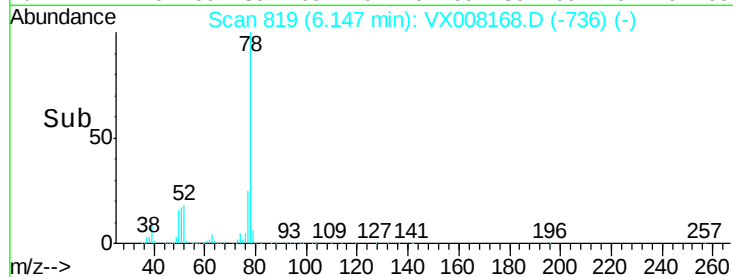
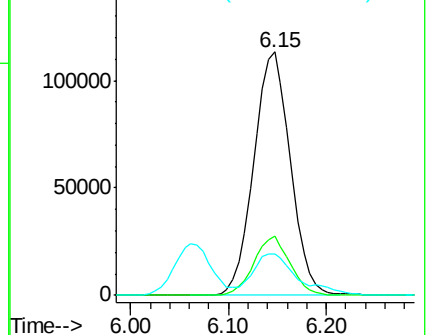
51 15.3 10.8 16.2



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: 19.575 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Tgt Ion: 41 Resp: 65107

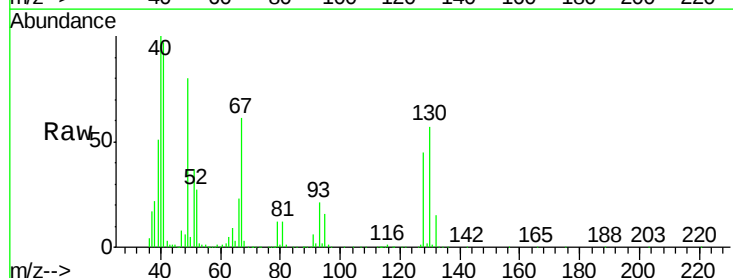
Ion Ratio Lower Upper

41 100

39 52.8 27.4 82.0

67 63.0 37.9 113.6

52 27.2 13.3 39.9

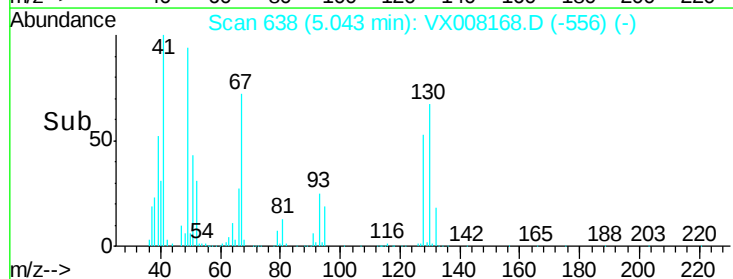
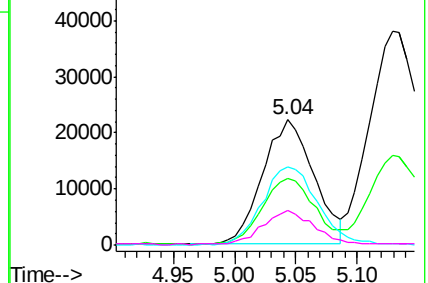


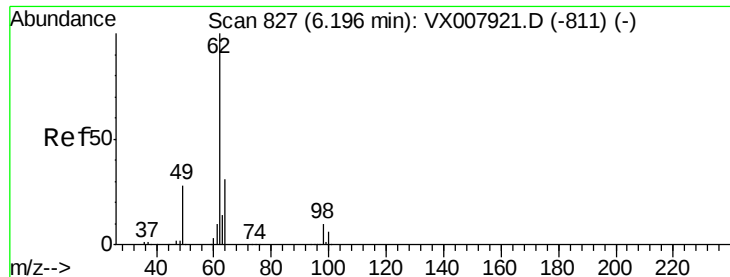
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

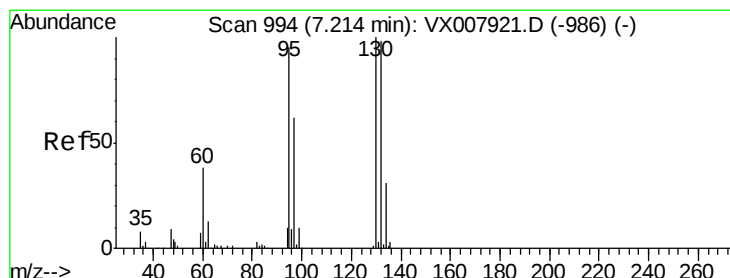
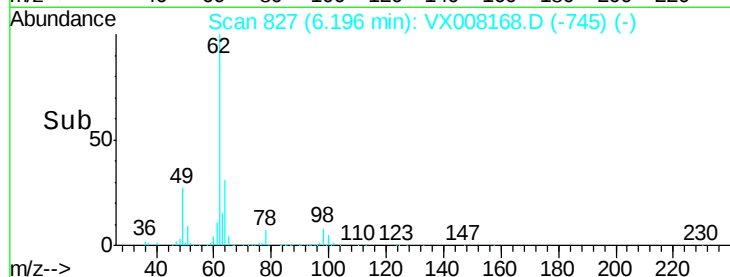
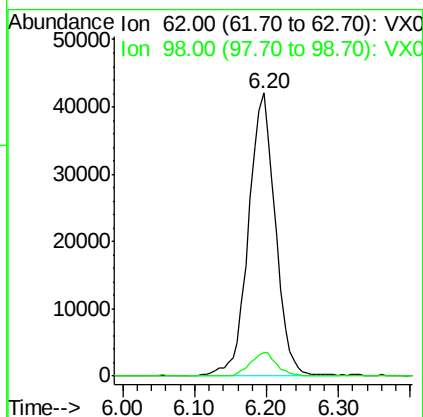
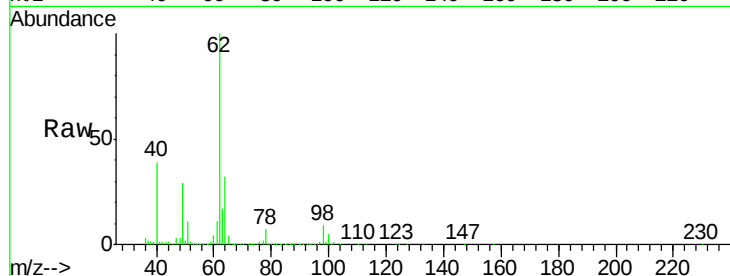




#36
1,2-Dichloroethane
Concen: 20.621 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008168.D
Acq: 18 Mar 2019 16:06

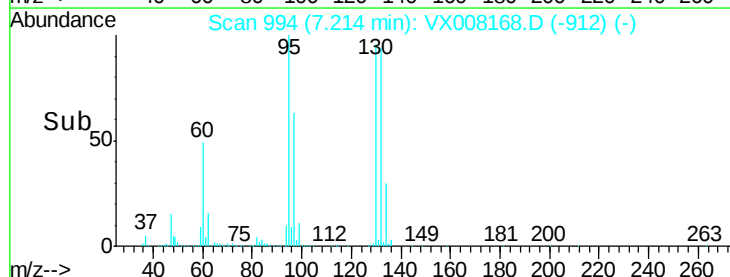
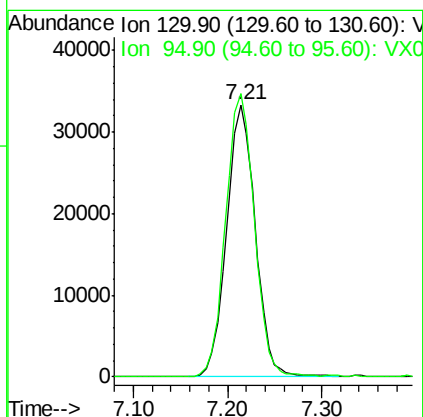
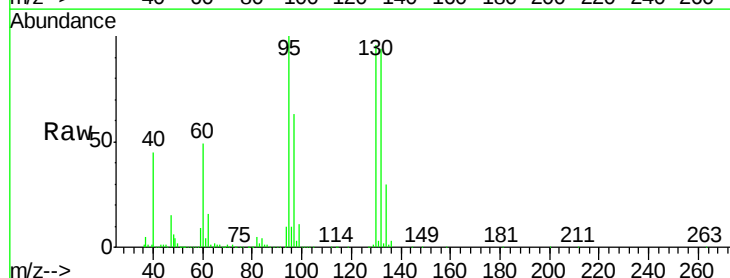
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

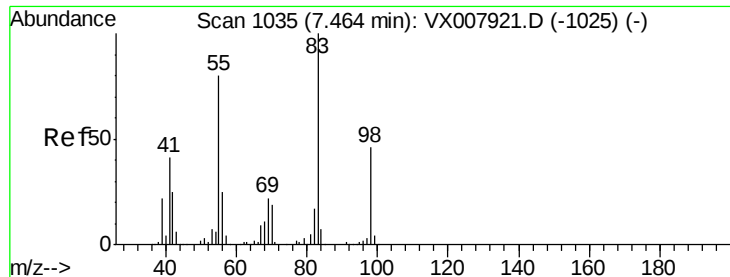
Tot Ion: 62 Resp: 109148
Ion Ratio Lower Upper
62 100
98 8.4 7.8 11.8



#37
Trichloroethene
Concen: 20.303 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX008168.D
Acq: 18 Mar 2019 16:06

Tgt Ion:130 Resp: 70555
Ion Ratio Lower Upper
130 100
95 103.9 71.3 106.9

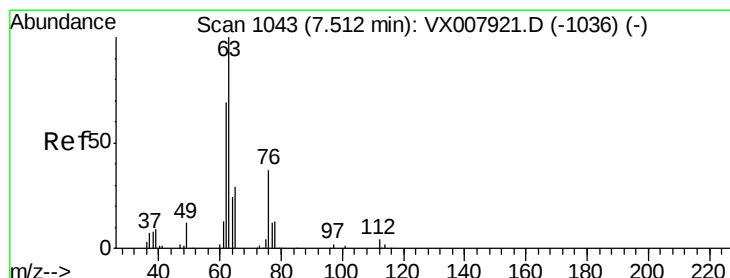
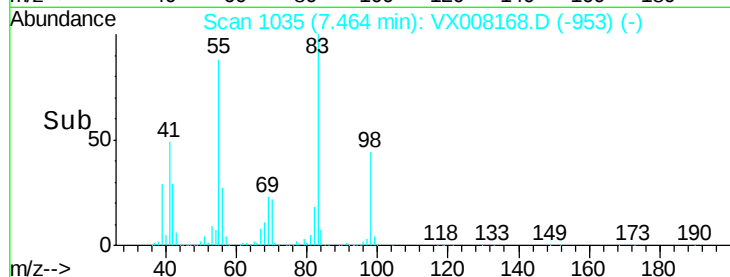
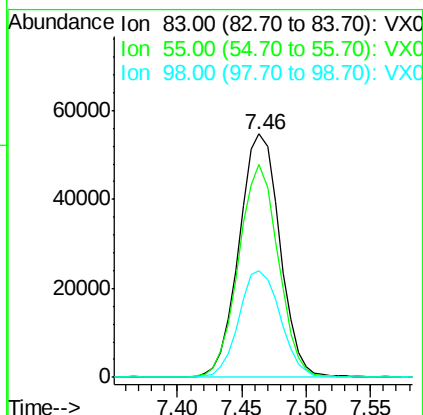
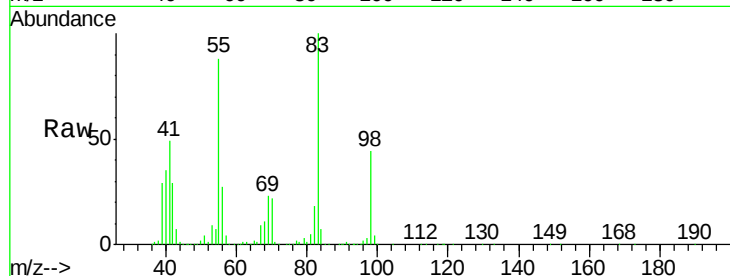




#38
Methvlcvclohexane
Concen: 20.084 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008168.D
Acq: 18 Mar 2019 16:06

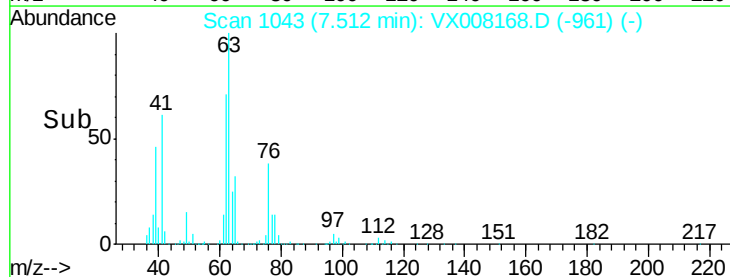
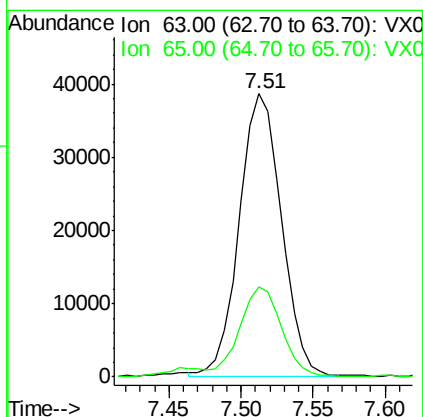
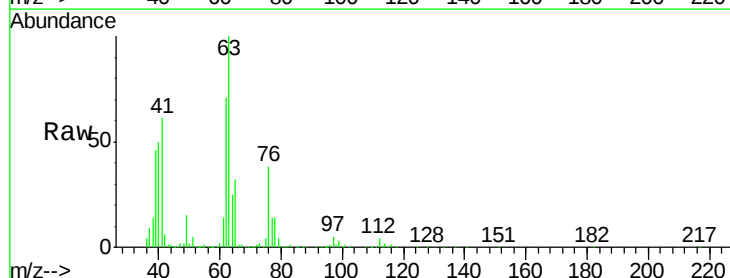
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

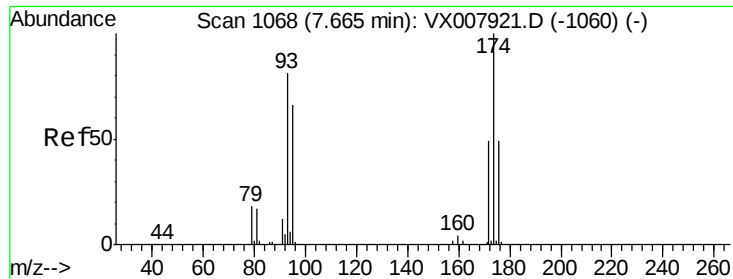
Tot Ion: 83 Resp: 118968
Ion Ratio Lower Upper
83 100
55 85.4 36.0 108.0
98 45.3 23.8 71.4



#39
1,2-Dichloropropane
Concen: 19.723 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. -0.00 min
Lab File: VX008168.D
Acq: 18 Mar 2019 16:06

Tgt Ion: 63 Resp: 78329
Ion Ratio Lower Upper
63 100
65 31.7 24.6 37.0

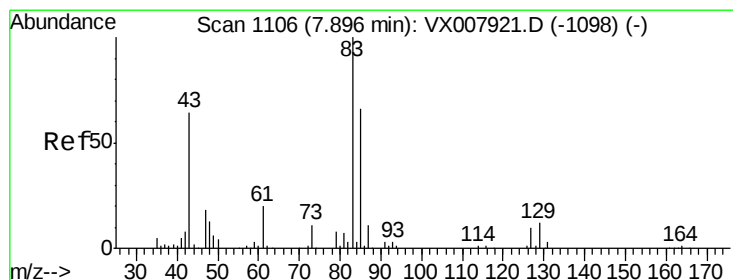
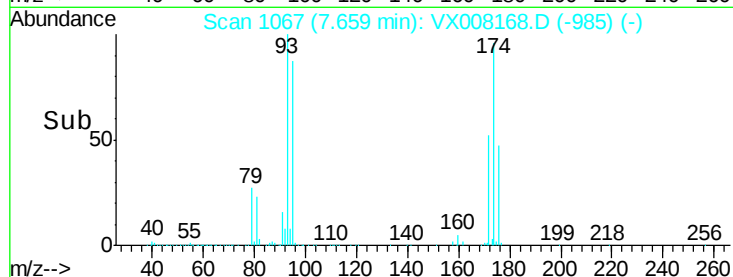
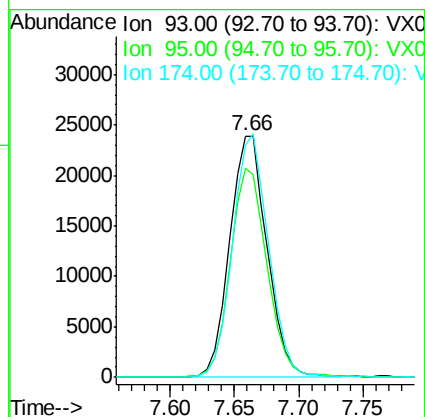
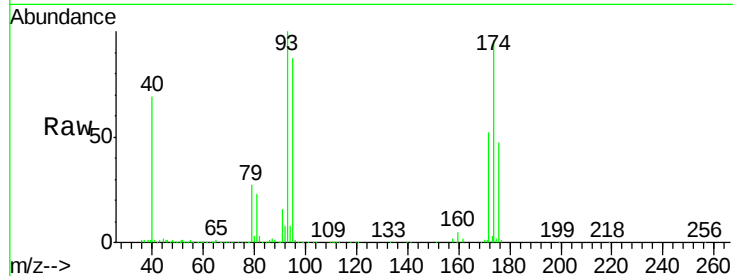




#40
Dibromomethane
Concen: 19.898 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VX008168.D
Acq: 18 Mar 2019 16:06

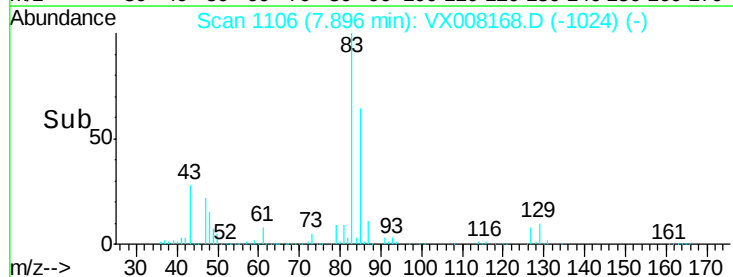
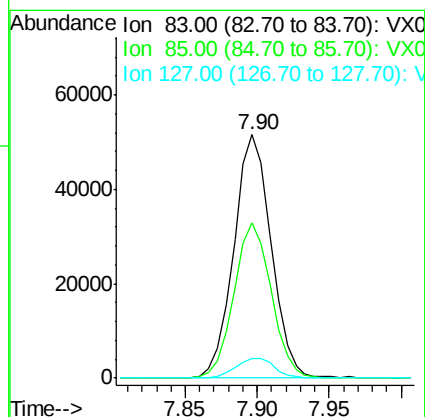
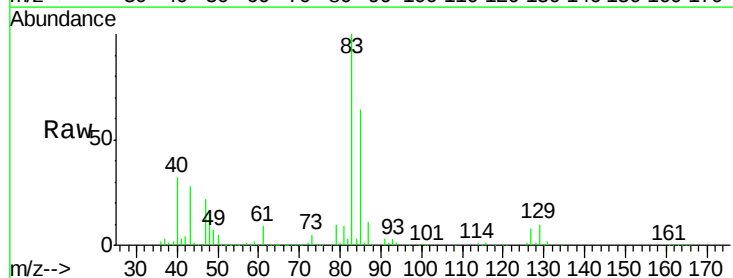
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

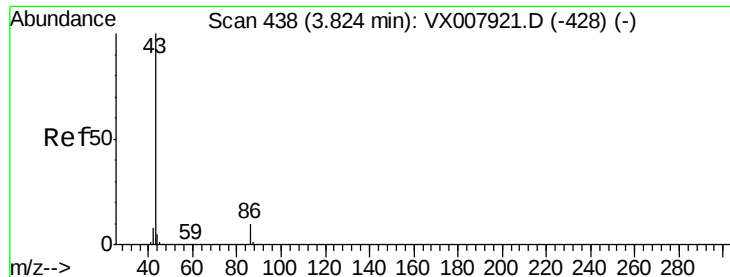
Tot Ion: 93 Resp: 48384
Ion Ratio Lower Upper
93 100
95 84.6 0.0 158.8
174 97.0 0.0 224.2



#41
Bromodichloromethane
Concen: 19.687 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX008168.D
Acq: 18 Mar 2019 16:06

Tgt Ion: 83 Resp: 92567
Ion Ratio Lower Upper
83 100
85 63.7 51.1 76.7
127 8.2 7.2 10.8





#42

Vinyl Acetate

Concen: 99.062 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

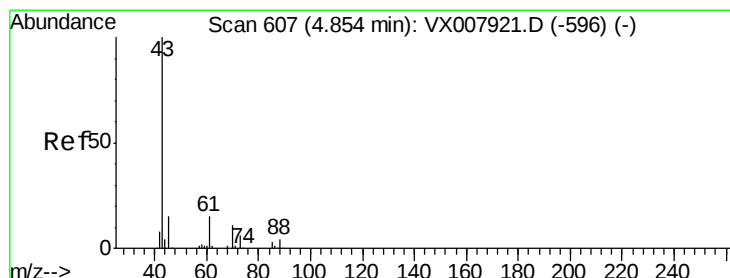
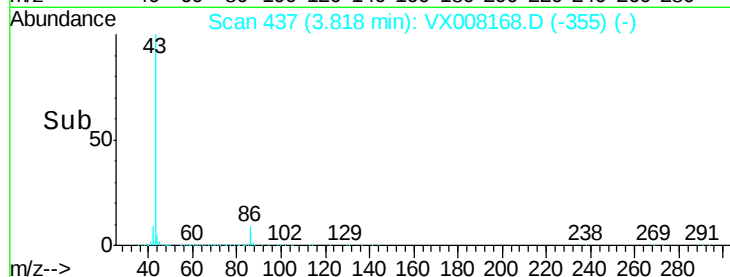
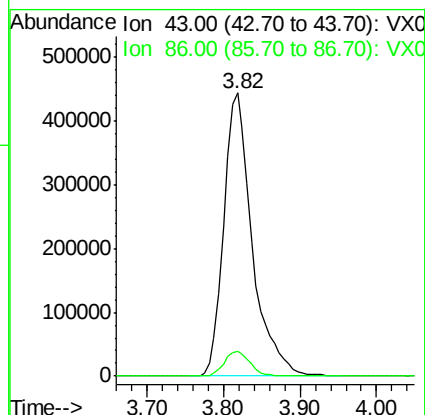
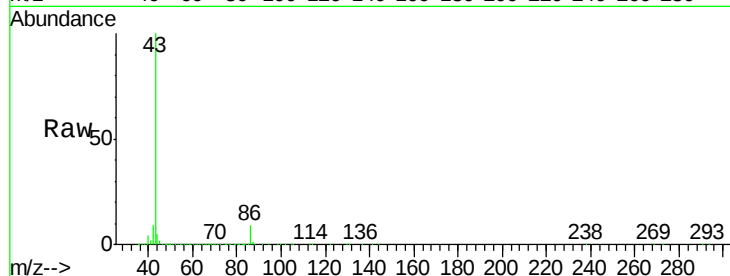
VX0318WBS01

Tot Ion: 43 Resp: 1138913

Ion Ratio Lower Upper

43 100

86 8.0 8.2 12.2#



#43

Ethyl Acetate

Concen: 19.015 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX008168.D

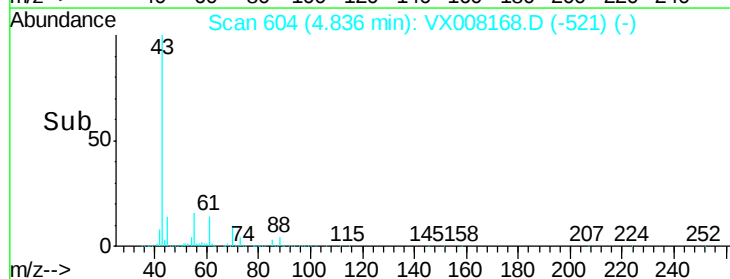
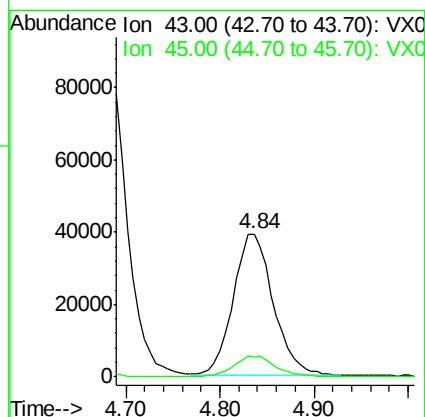
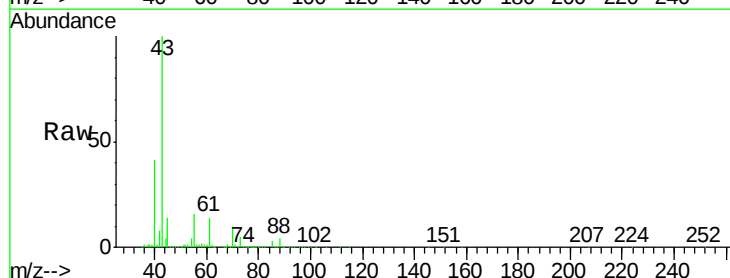
Acq: 18 Mar 2019 16:06

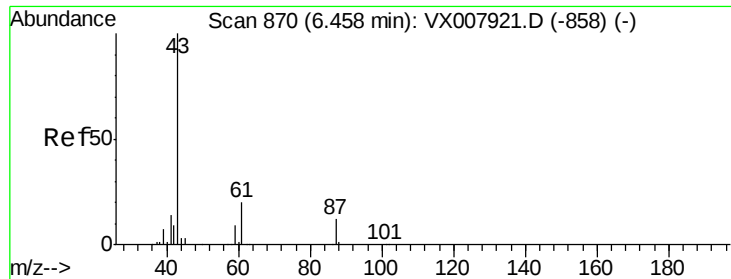
Tgt Ion: 43 Resp: 115245

Ion Ratio Lower Upper

43 100

45 15.1 6.9 10.3#



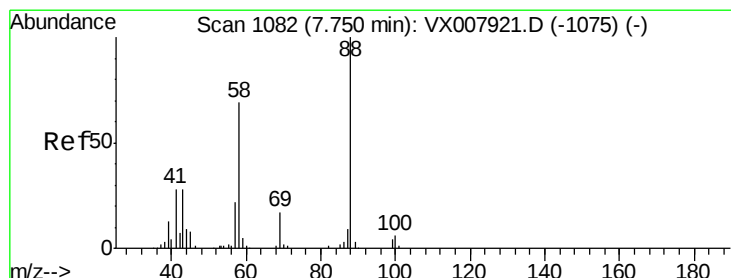
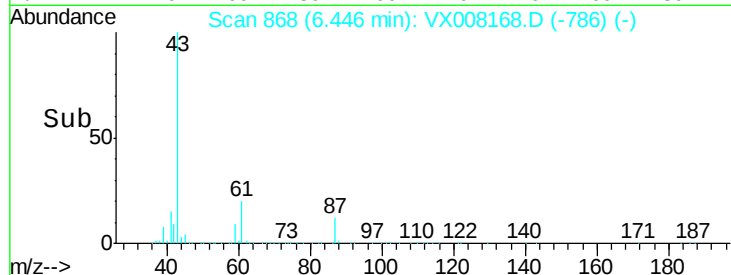
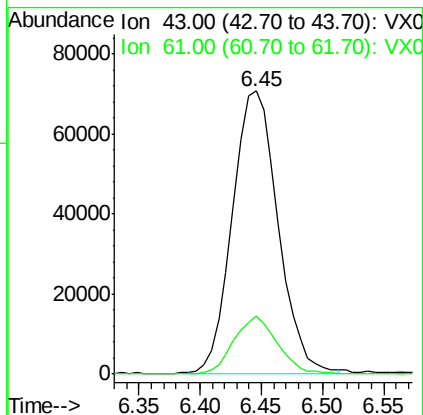
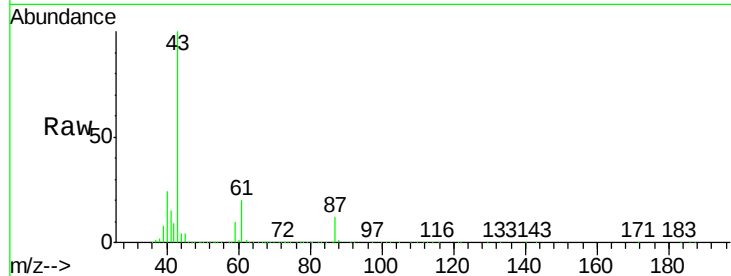


#44

Isopropyl Acetate
 Concen: 19.476 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008168.D
 Acq: 18 Mar 2019 16:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBS01

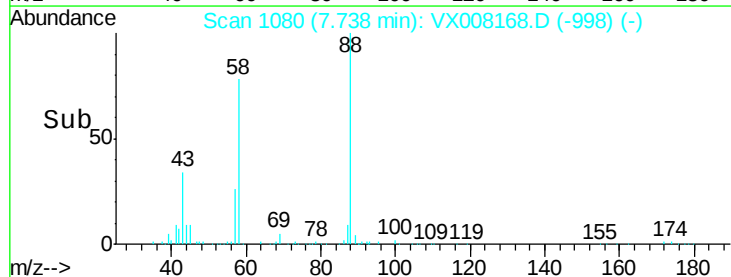
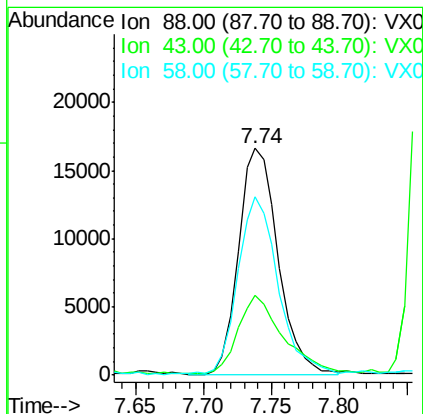
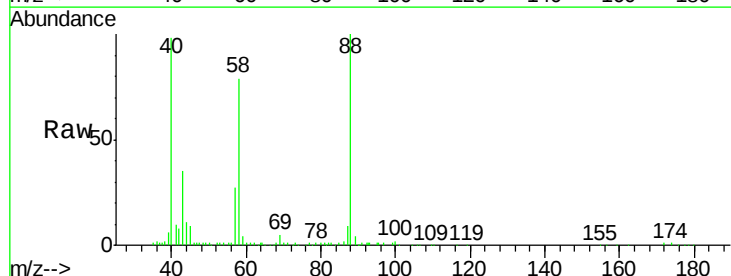
Tot Ion: 43 Resp: 183085
 Ion Ratio Lower Upper
 43 100
 61 19.3 16.1 24.1

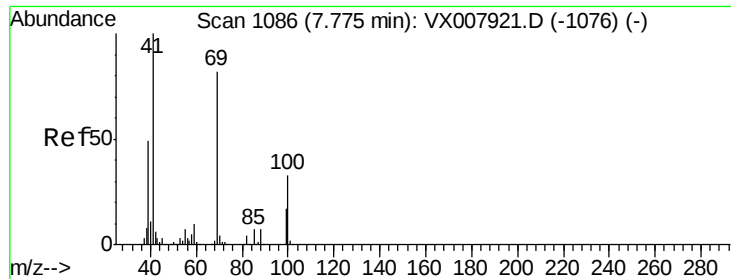


#45

1,4-Dioxane
 Concen: 385.579 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008168.D
 Acq: 18 Mar 2019 16:06

Tgt Ion: 88 Resp: 33860
 Ion Ratio Lower Upper
 88 100
 43 38.4 23.6 35.4#
 58 79.0 51.6 77.4#

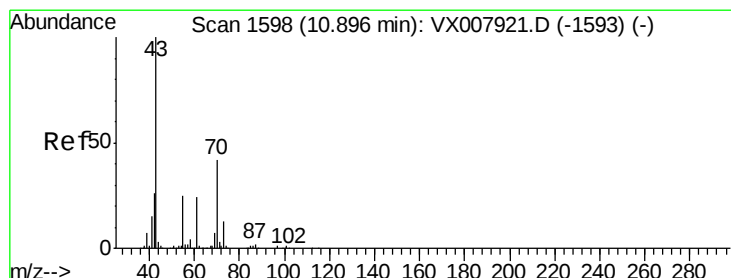
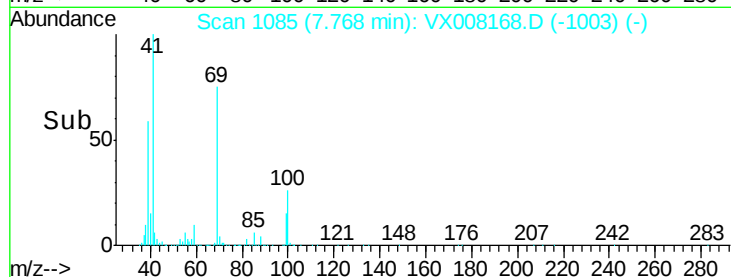
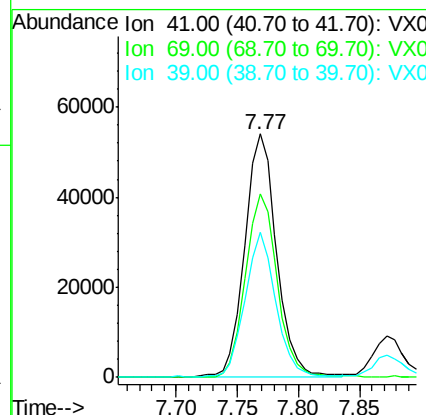
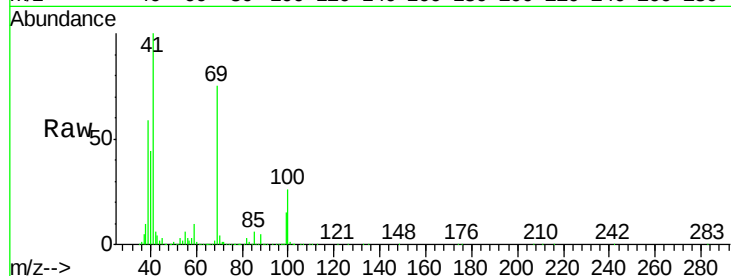




#46
Methvl methacrylate
Concen: 19.492 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX008168.D
Acq: 18 Mar 2019 16:06

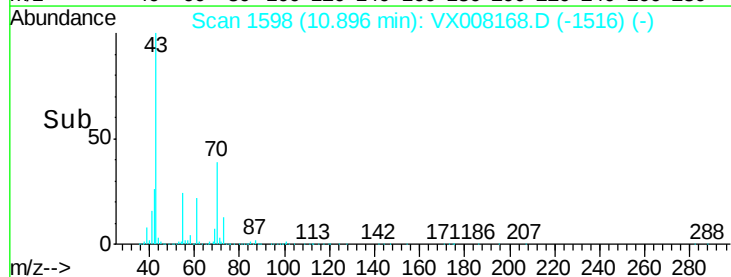
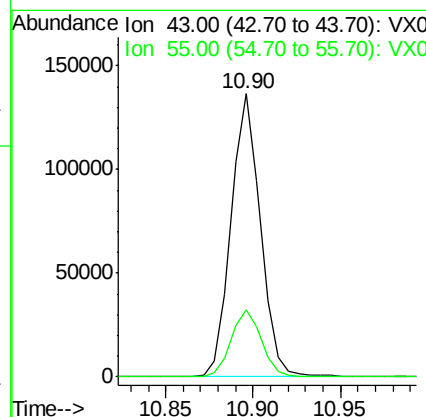
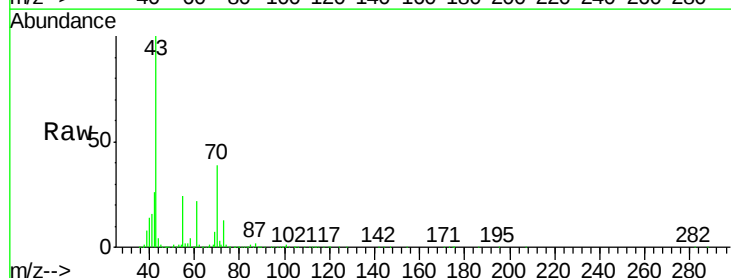
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

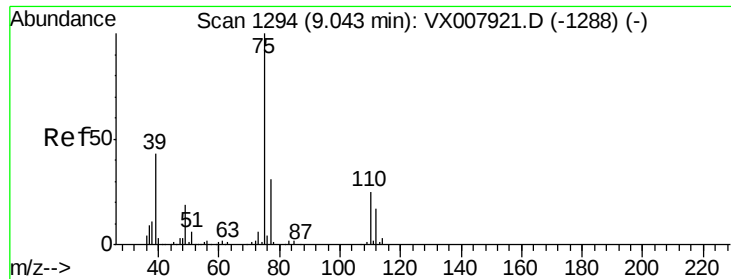
Tot Ion: 41 Resp: 96681
Ion Ratio Lower Upper
41 100
69 75.3 44.2 132.6
39 59.3 29.9 89.8



#47
n-amy1 Acetate
Concen: 19.778 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008168.D
Acq: 18 Mar 2019 16:06

Tgt Ion: 43 Resp: 158873
Ion Ratio Lower Upper
43 100
55 24.2 20.8 31.2





#48

t-1,3-Dichloropropene

Concen: 19.929 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

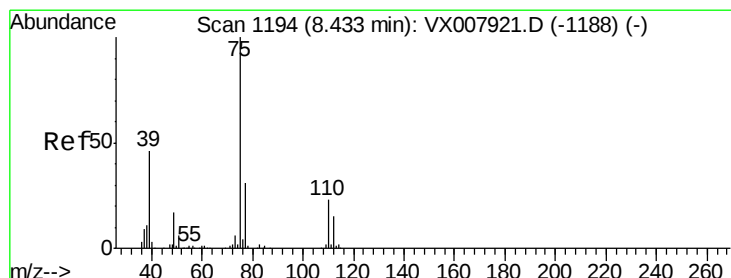
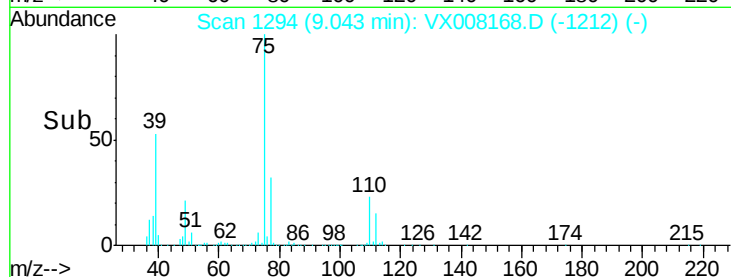
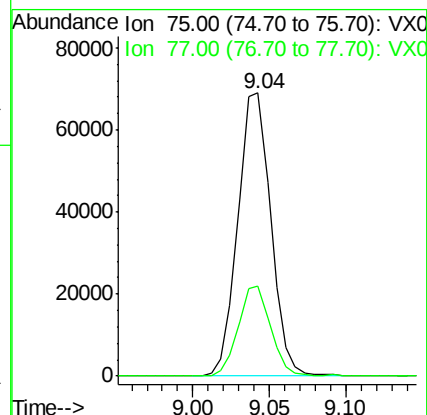
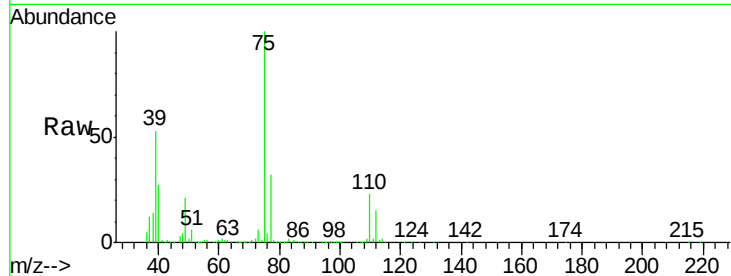
VX0318WBS01

Tot Ion: 75 Resp: 103569

Ion Ratio Lower Upper

75 100

77 32.0 24.5 36.7



#49

cis-1,3-Dichloropropene

Concen: 19.832 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

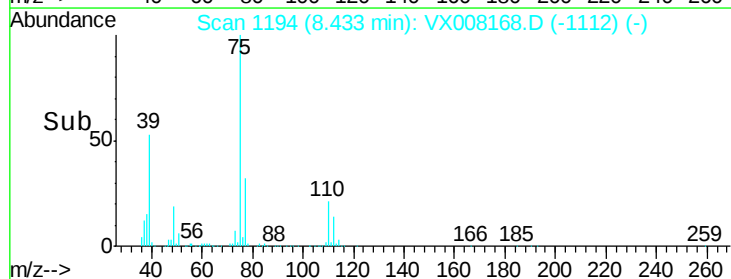
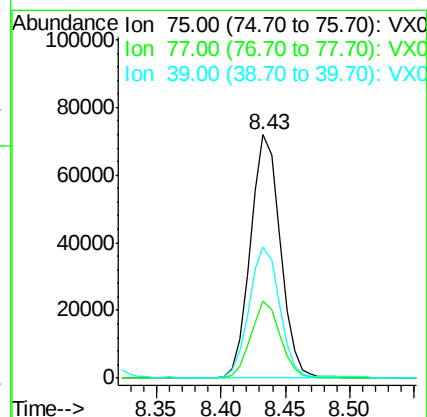
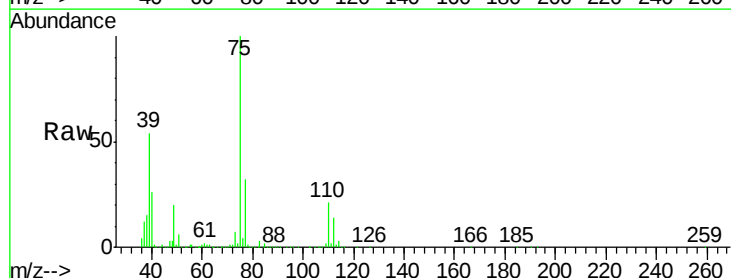
Tgt Ion: 75 Resp: 114659

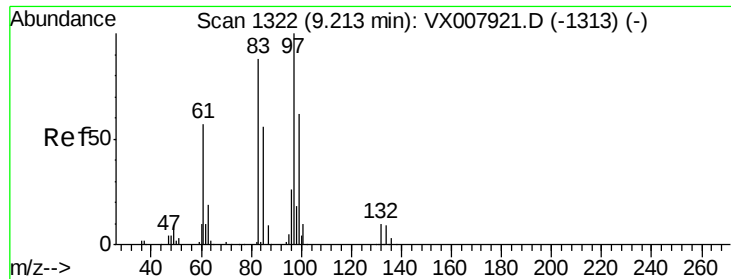
Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.4

39 53.5 38.5 57.7

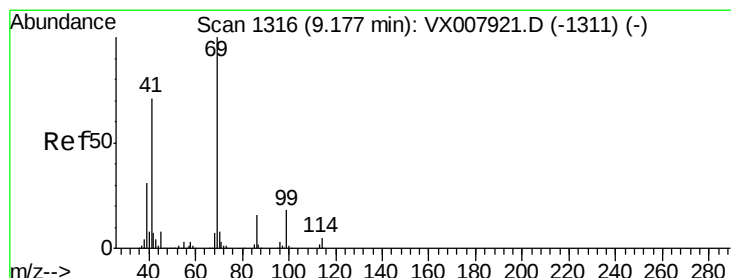
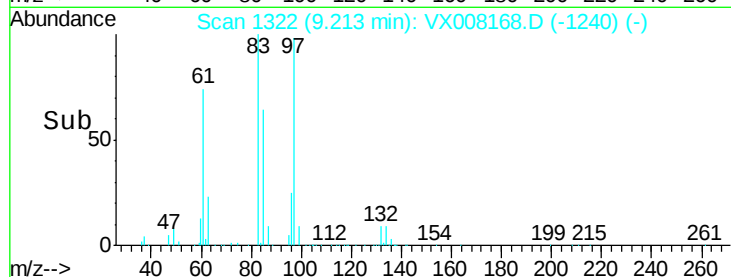
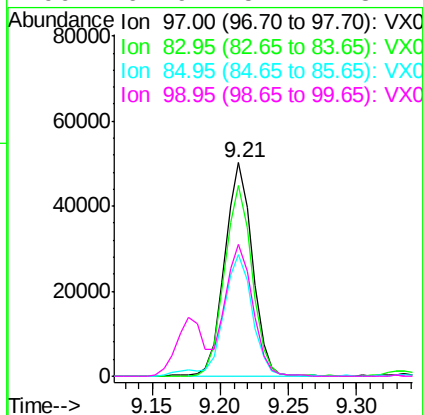
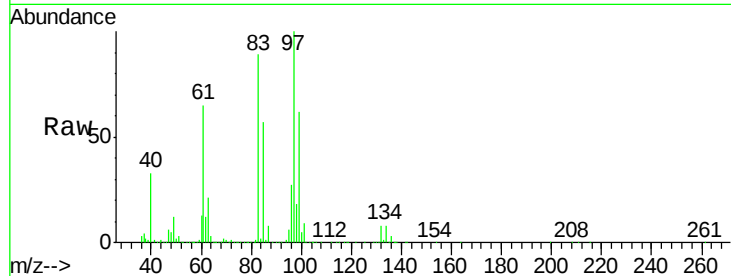




#50
 1,1,2-Trichloroethane
 Concen: 20.384 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008168.D
 Acq: 18 Mar 2019 16:06

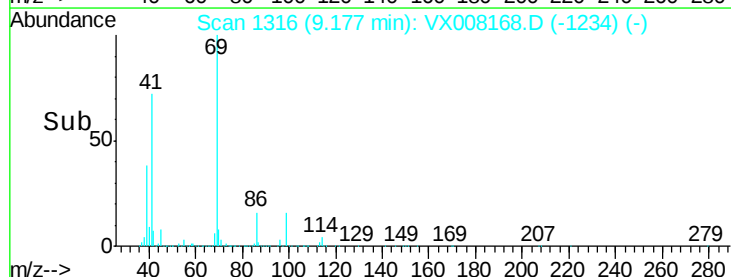
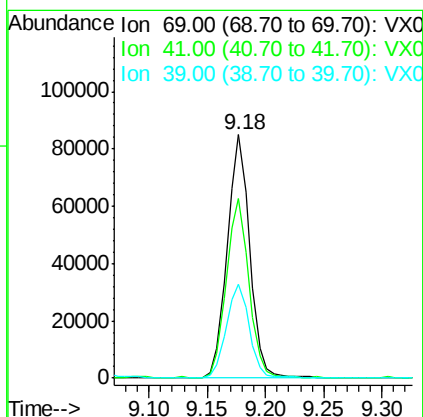
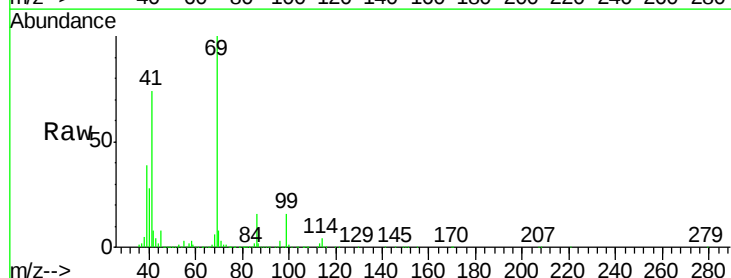
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBS01

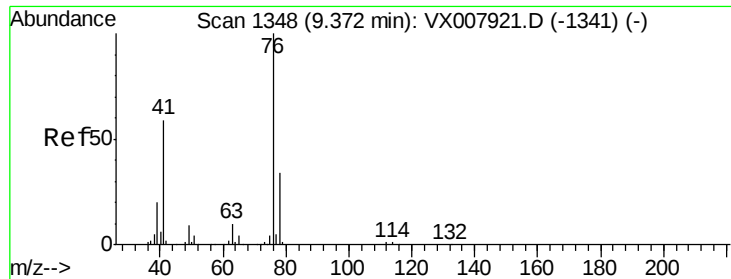
Tot Ion:	97	Resp:	71163
Ion	Ratio	Lower	Upper
97	100		
83	89.2	72.0	108.0
85	56.7	45.0	67.6
99	61.9	54.2	81.4



#51
 Ethyl methacrylate
 Concen: 20.095 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008168.D
 Acq: 18 Mar 2019 16:06

Tgt Ion:	69	Resp:	113724
Ion	Ratio	Lower	Upper
69	100		
41	73.6	32.1	96.5
39	38.3	18.8	56.3





#52

1,3-Dichloropropane

Concen: 20.242 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

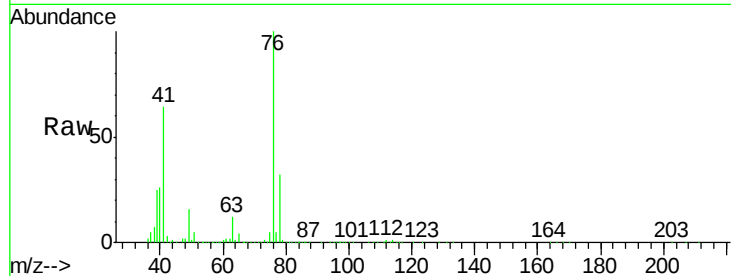
VX0318WBS01

Tot Ion: 76 Resp: 126534

Ion Ratio Lower Upper

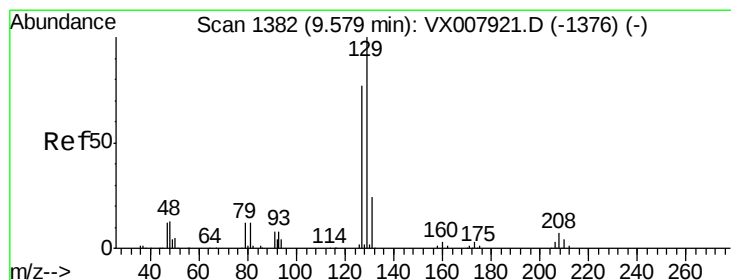
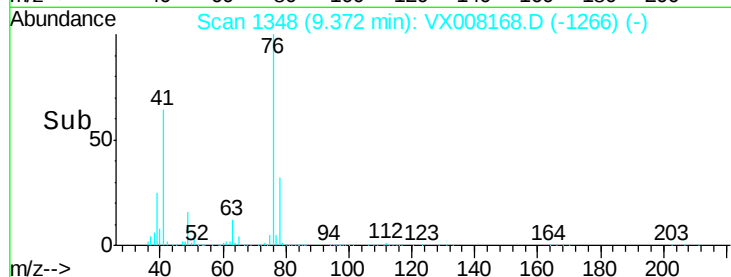
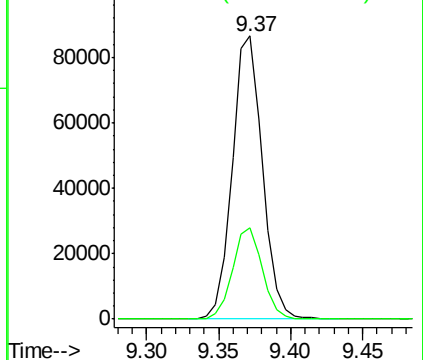
76 100

78 32.1 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: 19.861 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008168.D

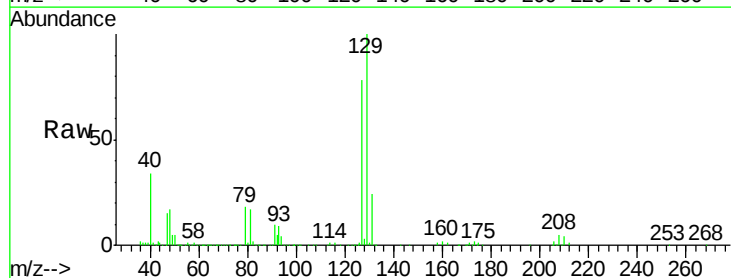
Acq: 18 Mar 2019 16:06

Tgt Ion: 129 Resp: 67045

Ion Ratio Lower Upper

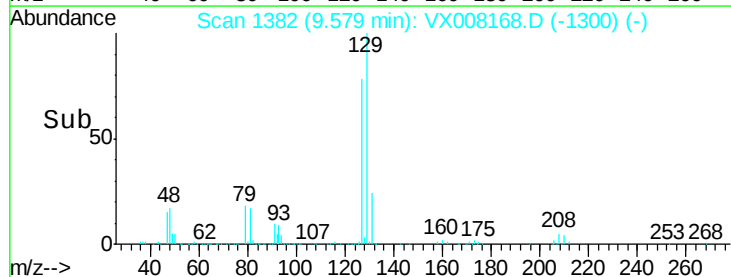
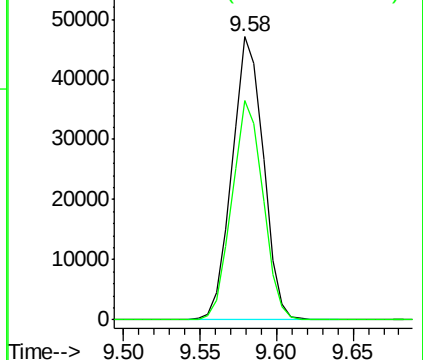
129 100

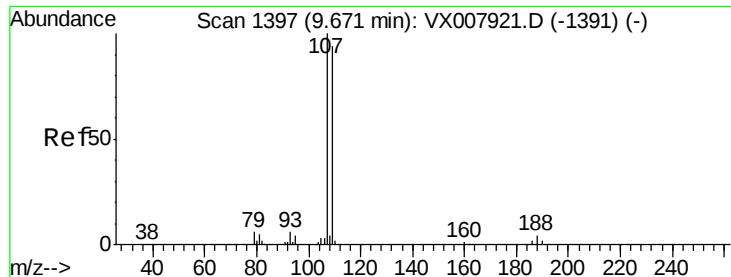
127 77.1 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#54

1,2-Dibromoethane

Concen: 20.219 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

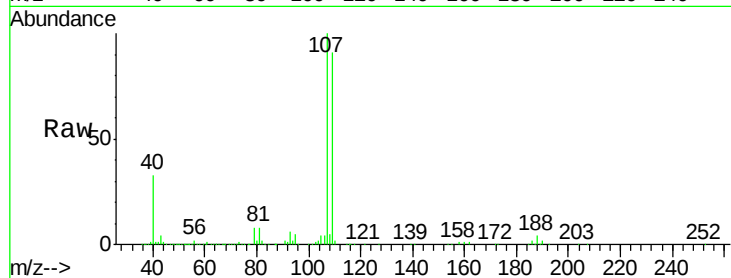
VX0318WBS01

Tot Ion:107 Resp: 73672

Ion Ratio Lower Upper

107 100

109 94.2 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.67

60000

50000

40000

30000

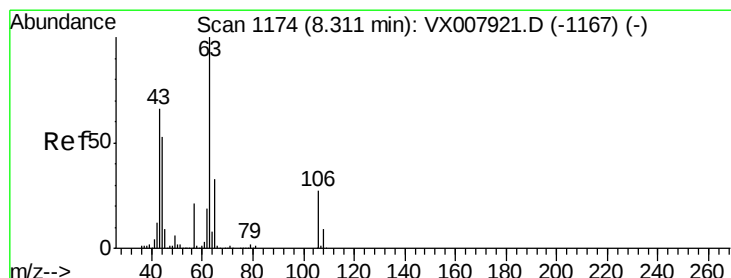
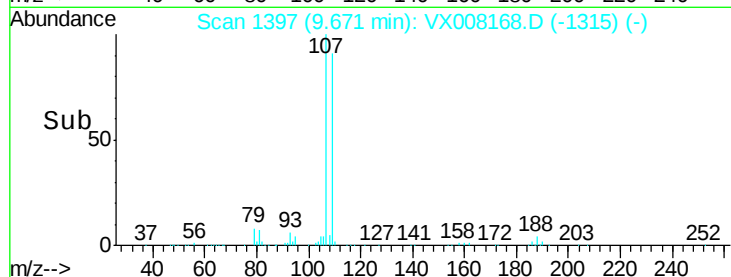
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#55

2-Chloroethyl vinyl ether

Concen: 98.024 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

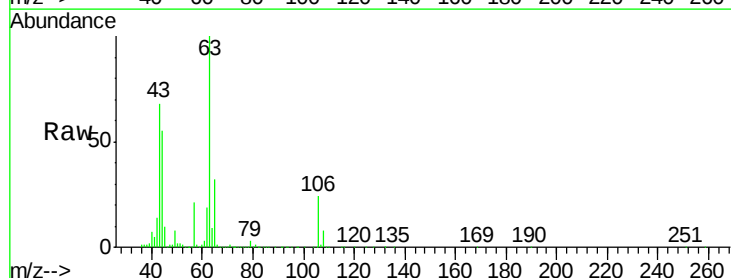
Tgt Ion: 63 Resp: 394964

Ion Ratio Lower Upper

63 100

65 31.7 25.7 38.5

106 24.3 23.7 35.5



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

Ion 106.00 (105.70 to 106.70): V

8.31

300000

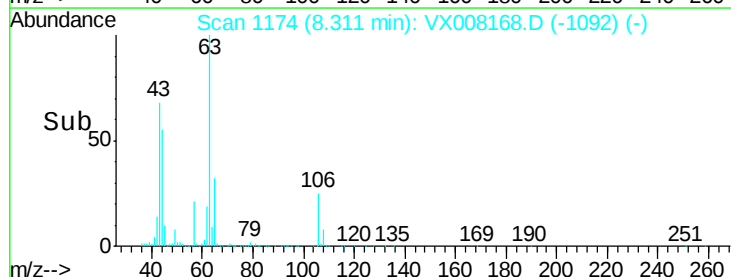
200000

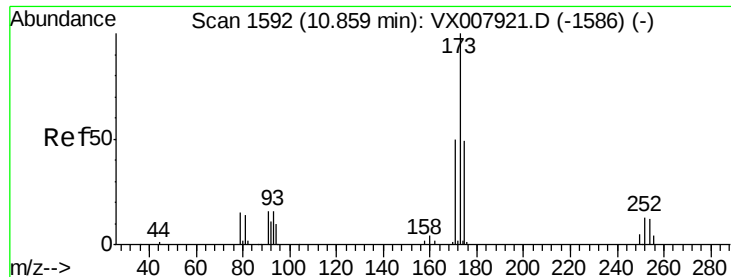
100000

0

Time-->

8.25 8.30 8.35 8.40

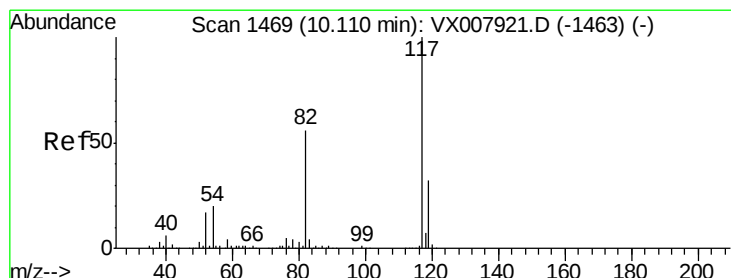
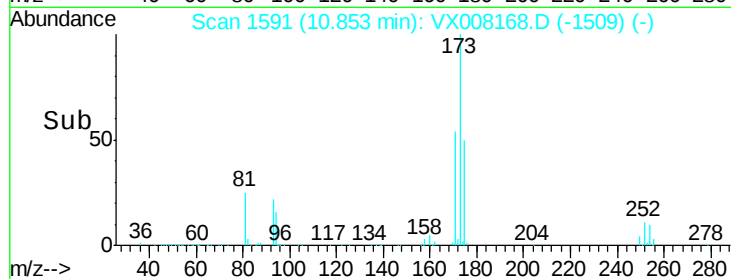
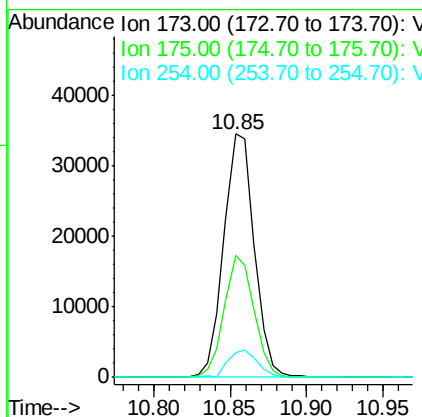
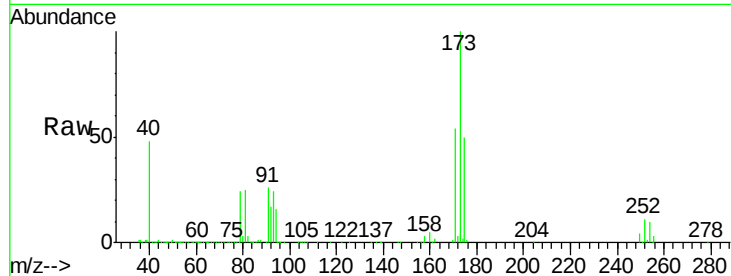




#56
Bromoform
Concen: 19.771 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008168.D
Acq: 18 Mar 2019 16:06

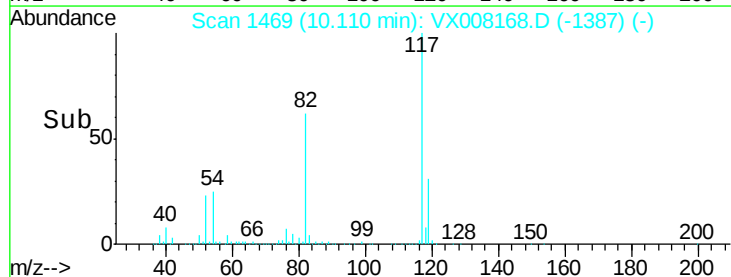
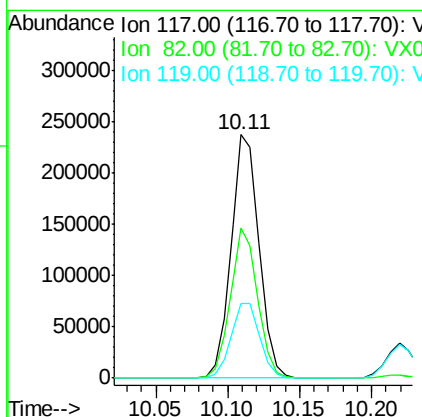
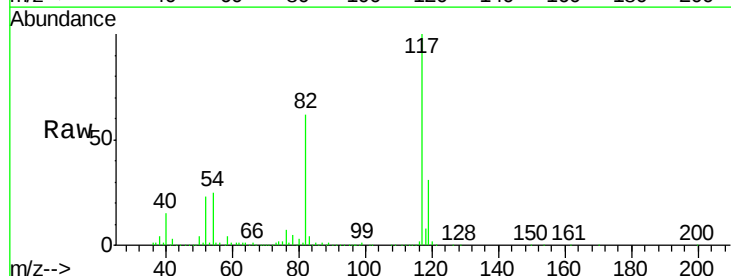
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

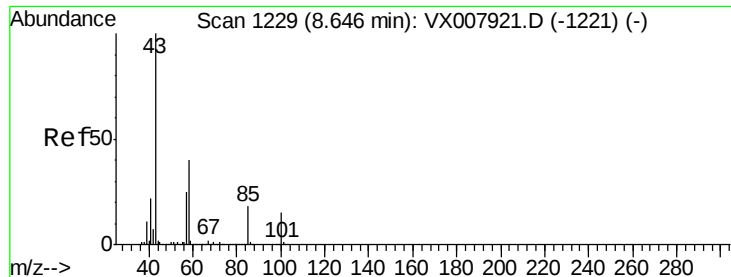
Tot Ion:173 Resp: 48016
Ion Ratio Lower Upper
173 100
175 48.8 38.5 57.7
254 10.4 7.4 11.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008168.D
Acq: 18 Mar 2019 16:06

Tgt Ion:117 Resp: 323289
Ion Ratio Lower Upper
117 100
82 60.0 40.4 60.6
119 31.9 25.8 38.6



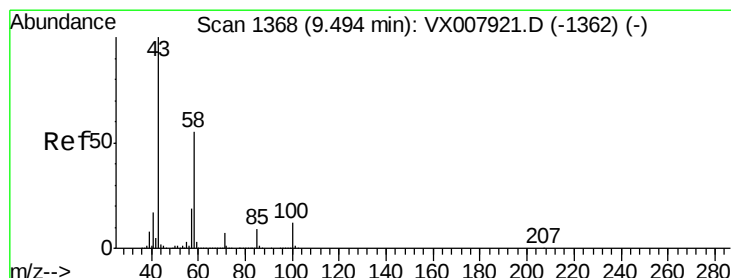
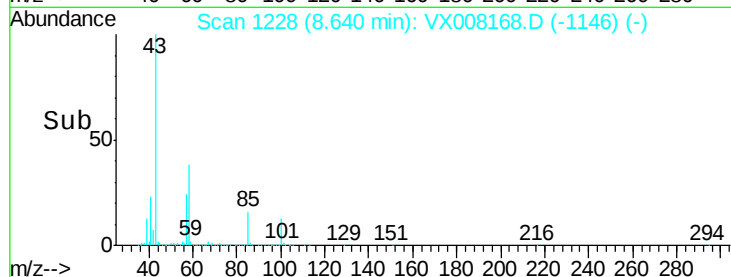
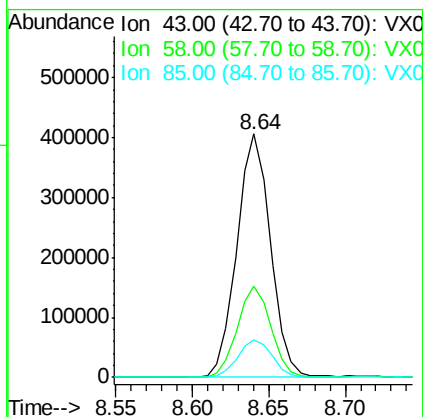
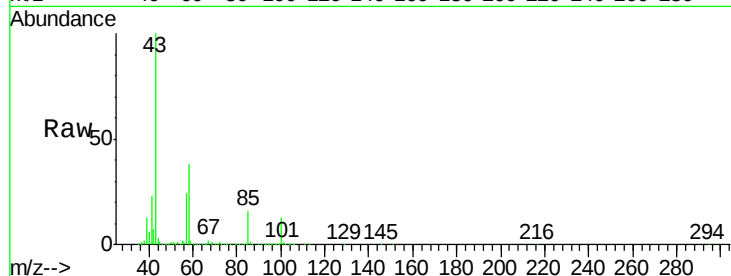


#58
 4-Methyl-2-Pentanone
 Concen: 99.898 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX008168.D
 Acq: 18 Mar 2019 16:06

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0318WBS01

Tot Ion: 43 Resp: 617663

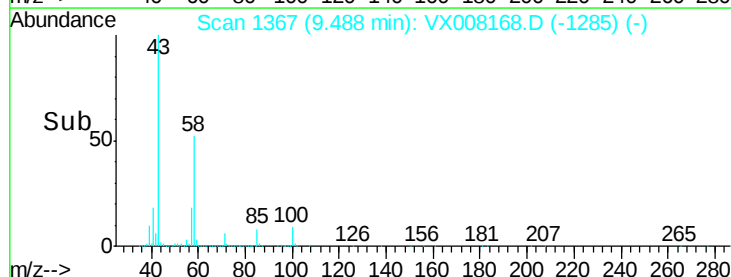
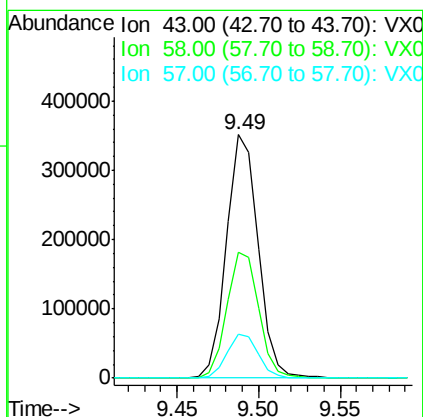
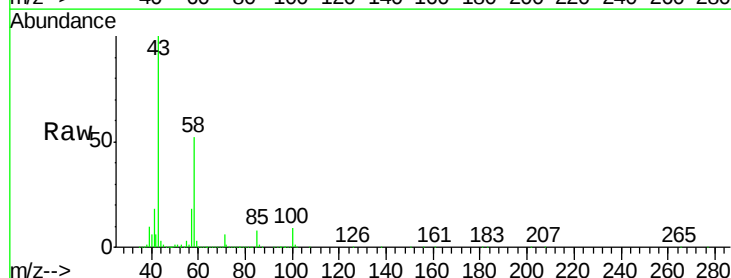
Ion	Ratio	Lower	Upper
43	100		
58	37.5	31.4	47.0
85	15.9	15.0	22.6

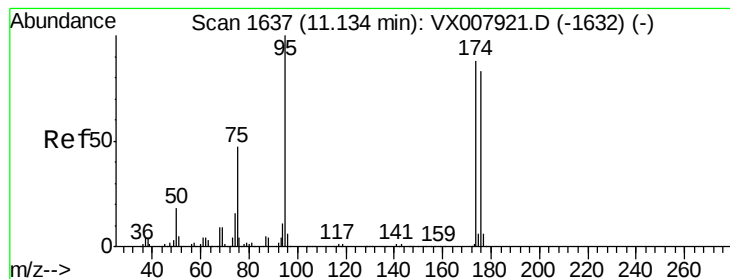


#59
 2-Hexanone
 Concen: 97.221 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VX008168.D
 Acq: 18 Mar 2019 16:06

Tgt Ion: 43 Resp: 474264

Ion	Ratio	Lower	Upper
43	100		
58	52.2	43.9	65.9
57	18.0	14.9	22.3





#60

4-Bromofluorobenzene

Concen: 30.244 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBS01

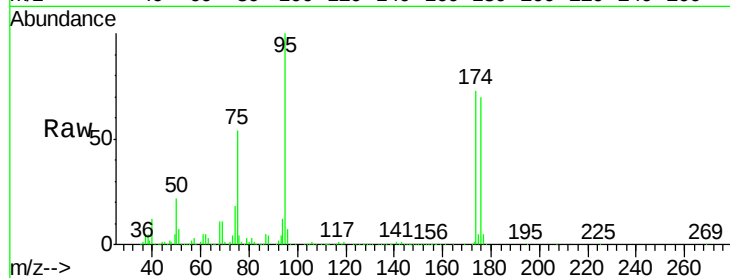
Tot Ion: 95 Resp: 163182

Ion Ratio Lower Upper

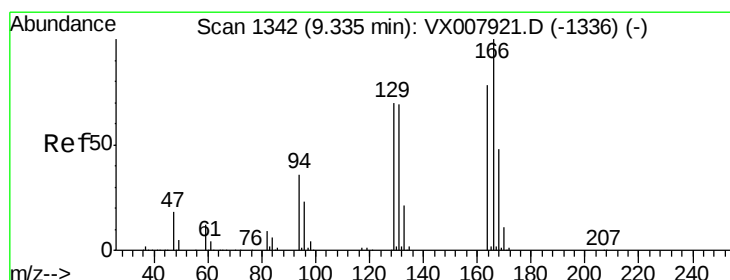
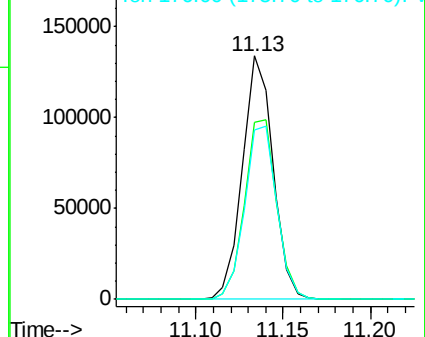
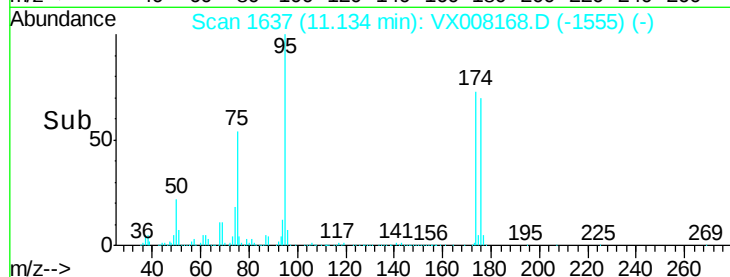
95 100

174 77.1 74.9 112.3

176 74.5 70.7 106.1



Abundance Ion 95.00 (94.70 to 95.70): VX008168.D (-1555) (-)



#61

Tetrachloroethene

Concen: 20.946 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Tgt Ion: 164 Resp: 68197

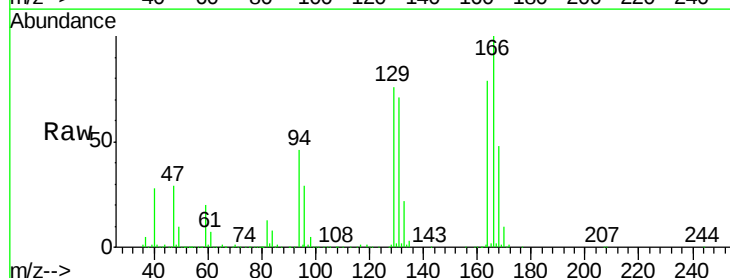
Ion Ratio Lower Upper

164 100

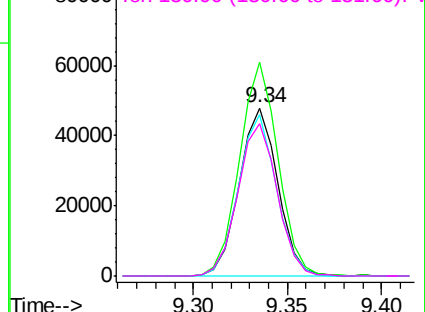
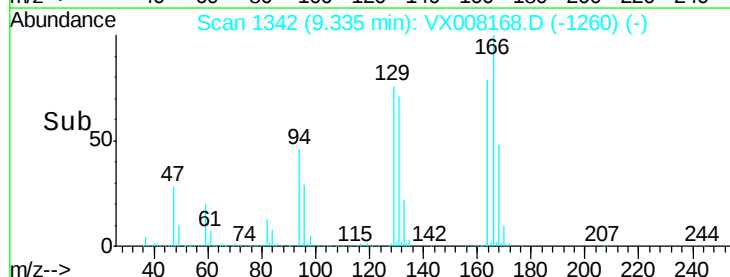
166 127.1 103.9 155.9

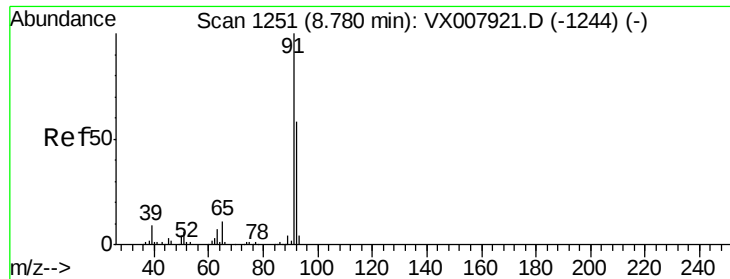
129 96.2 74.7 112.1

131 90.7 71.7 107.5



Abundance Ion 163.85 (163.55 to 164.55): VX008168.D (-1260) (-)





#62

Toluene

Concen: 20.124 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

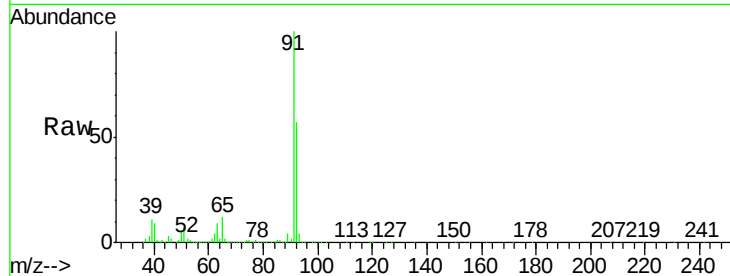
VX0318WBS01

Tot Ion: 91 Resp: 307692

Ion Ratio Lower Upper

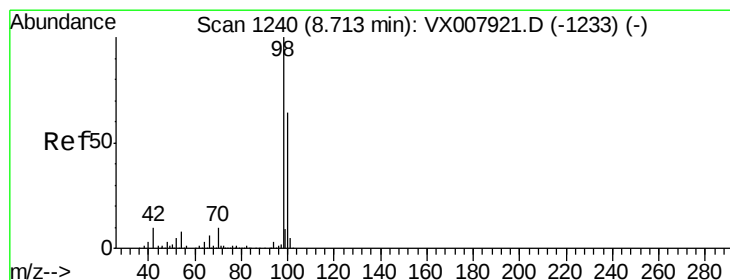
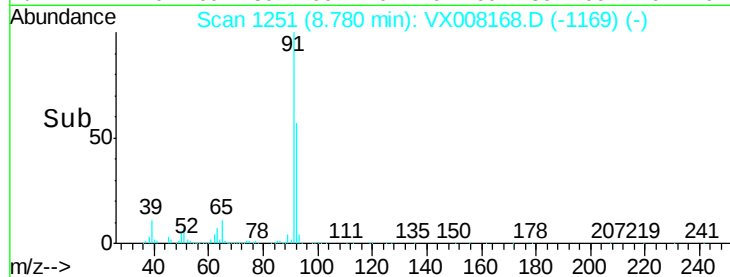
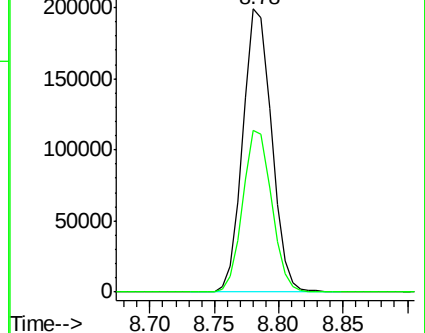
91 100

92 57.5 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: 29.771 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008168.D

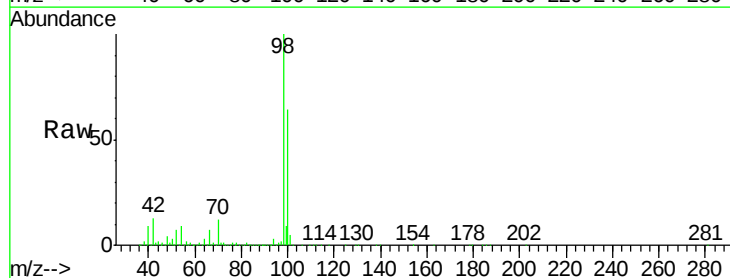
Acq: 18 Mar 2019 16:06

Tgt Ion: 98 Resp: 467641

Ion Ratio Lower Upper

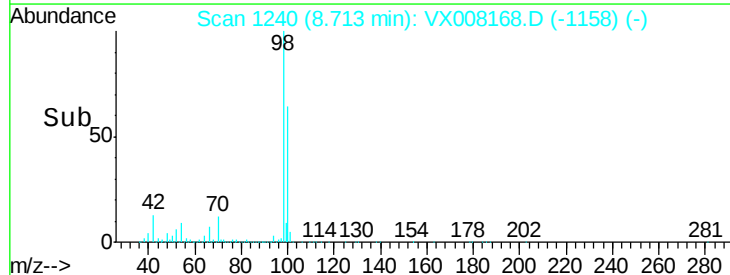
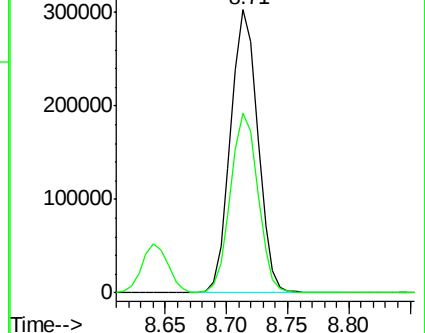
98 100

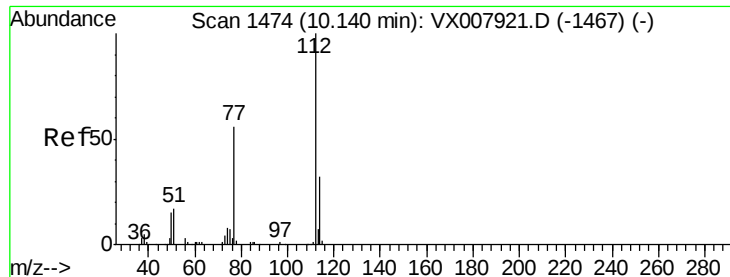
100 63.5 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

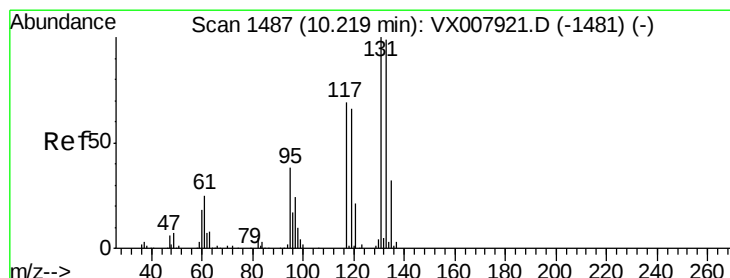
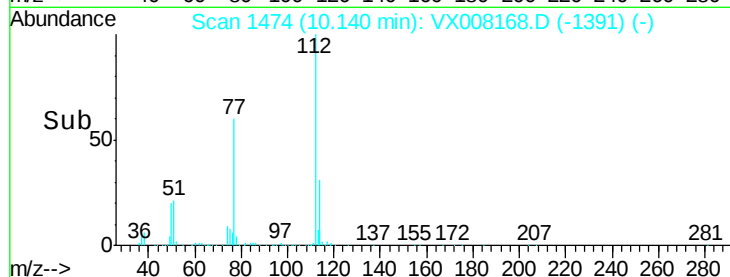
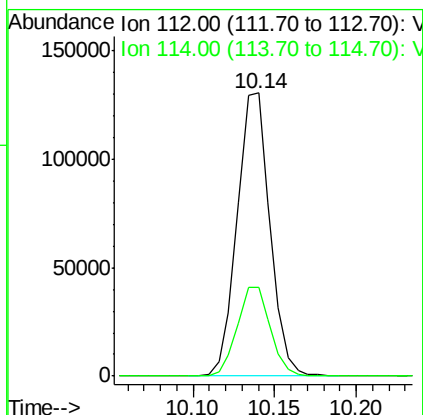
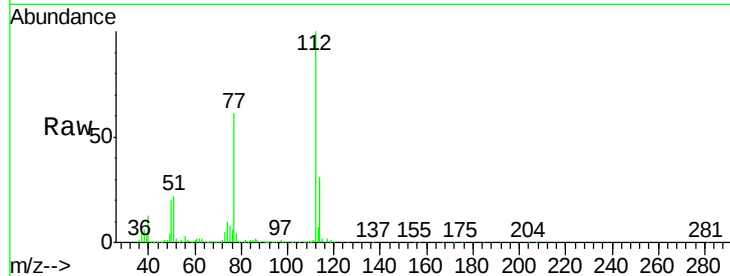




#64
Chlorobenzene
Concen: 20.149 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX008168.D
Acq: 18 Mar 2019 16:06

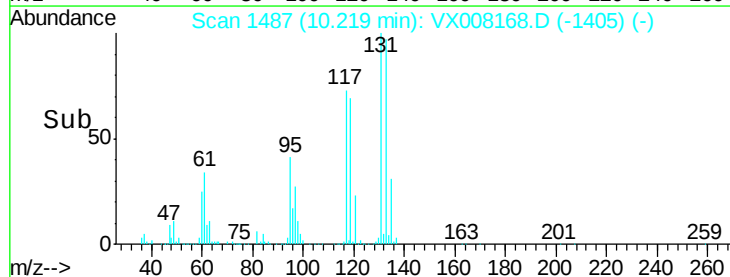
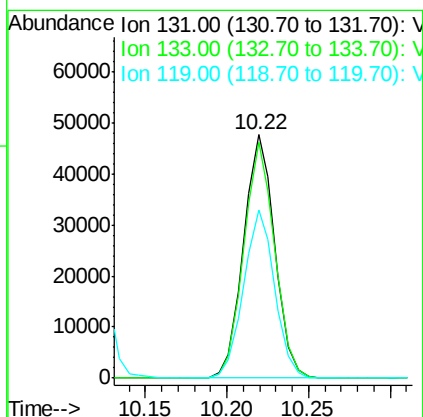
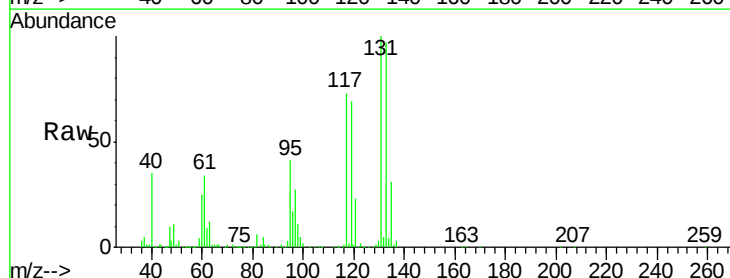
Instrument :
MSVOA_X
ClientSampled :
VX0318WBS01

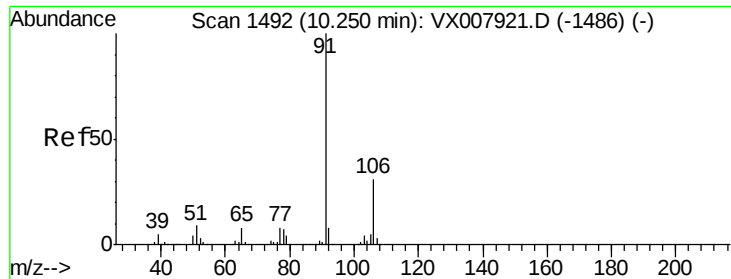
Tot Ion:112 Resp: 183350
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.2



#65
1,1,1,2-Tetrachloroethane
Concen: 19.978 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008168.D
Acq: 18 Mar 2019 16:06

Tgt Ion:131 Resp: 63745
Ion Ratio Lower Upper
131 100
133 95.7 0.0 191.6
119 68.4 0.0 127.4





#66

Ethyl Benzene

Concen: 20.242 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

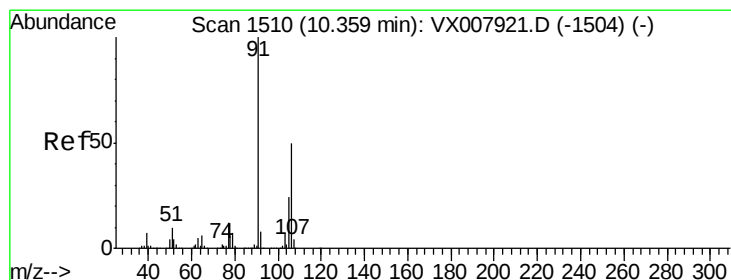
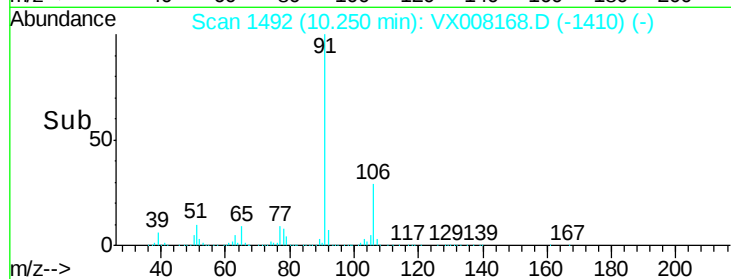
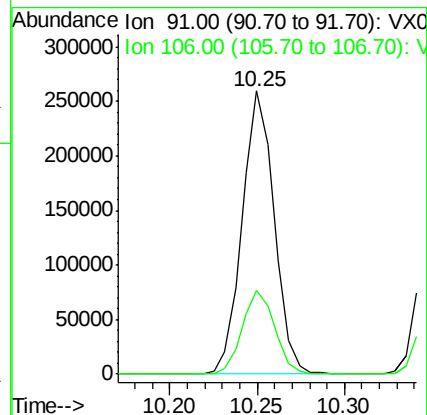
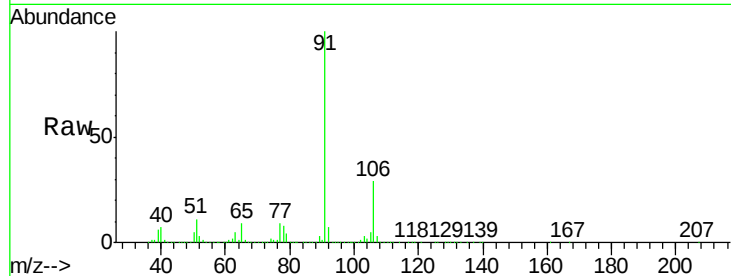
VX0318WBS01

Tot Ion: 91 Resp: 330562

Ion Ratio Lower Upper

91 100

106 29.4 26.0 39.0



#67

m/p-Xylenes

Concen: 40.126 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008168.D

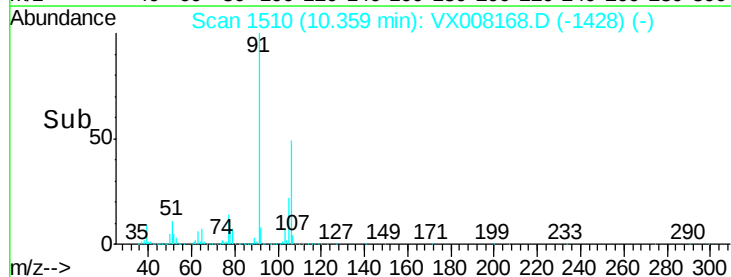
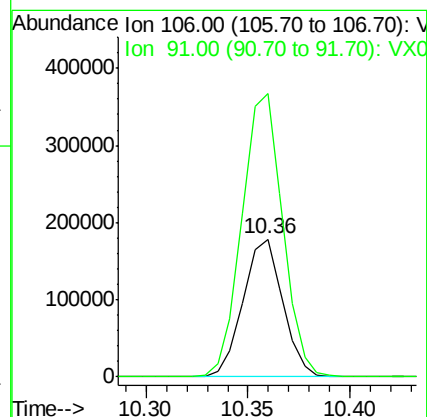
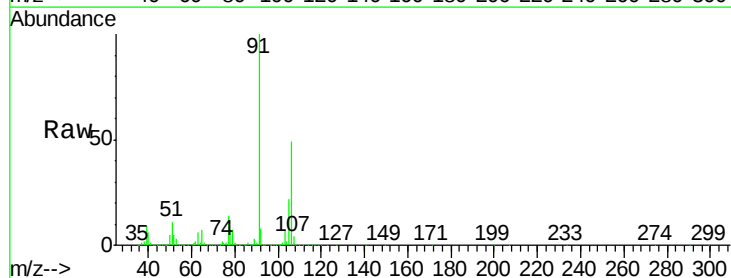
Acq: 18 Mar 2019 16:06

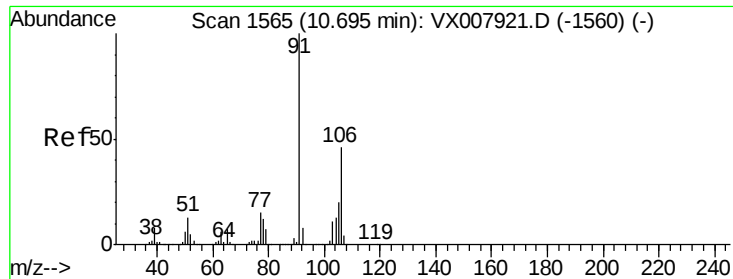
Tgt Ion: 106 Resp: 242071

Ion Ratio Lower Upper

106 100

91 210.3 157.0 235.4





#68

o-Xylene

Concen: 20.400 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA_X

ClientSampled :

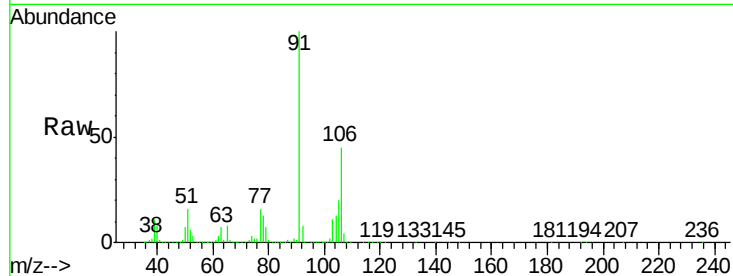
VX0318WBS01

Tot Ion:106 Resp: 118258

Ion Ratio Lower Upper

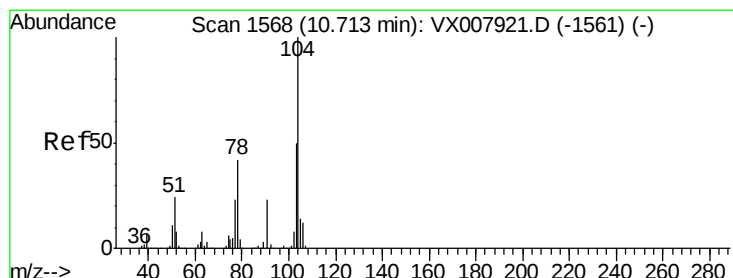
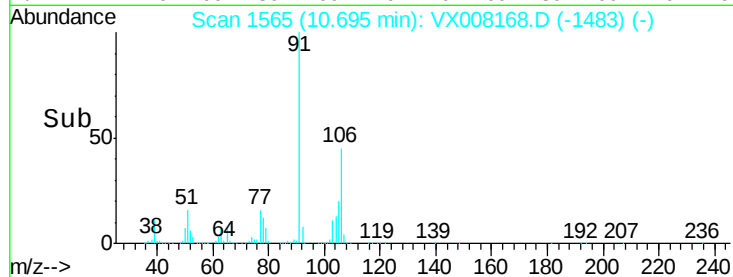
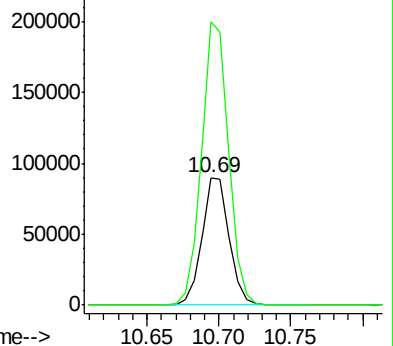
106 100

91 221.7 104.4 313.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

Styrene

Concen: 20.154 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

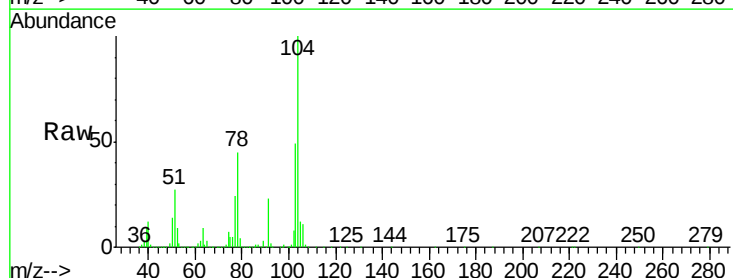
Tgt Ion:104 Resp: 190306

Ion Ratio Lower Upper

104 100

78 53.7 38.2 57.2

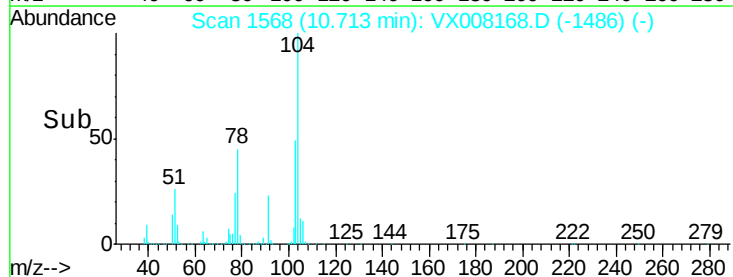
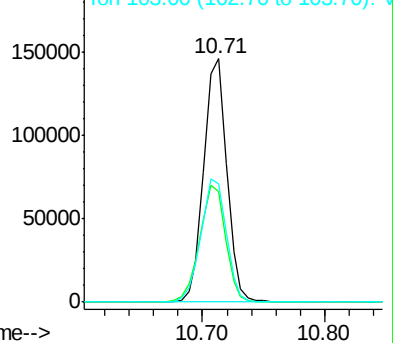
103 55.7 45.0 67.4

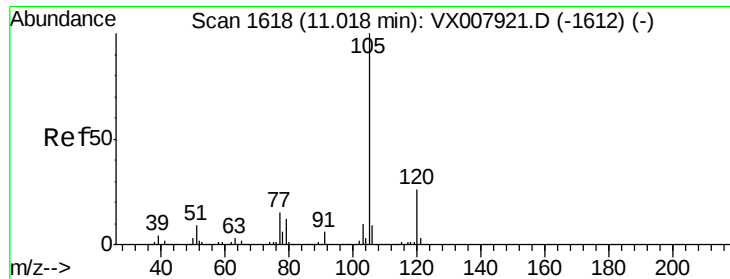


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V

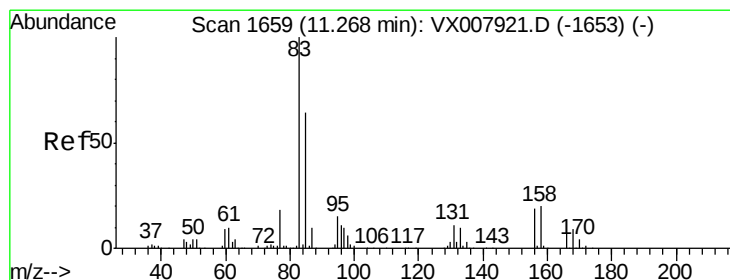
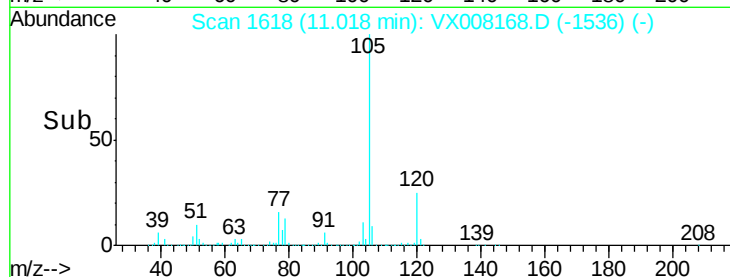
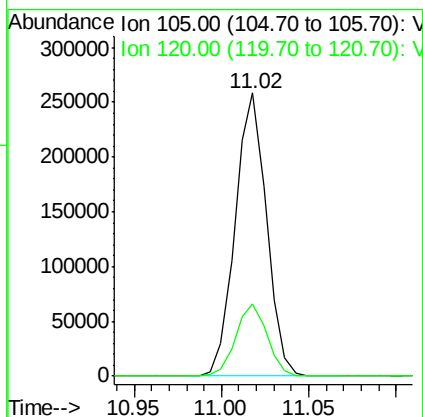
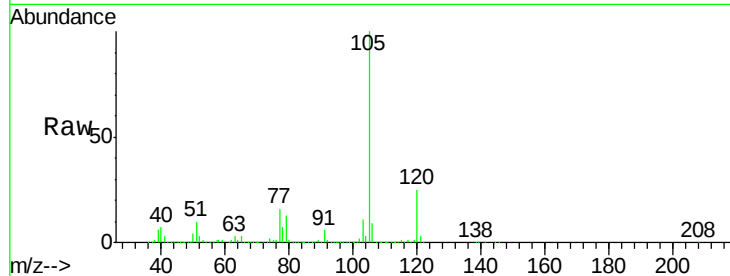




#70
Isopropylbenzene
Concen: 20.535 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008168.D
Acq: 18 Mar 2019 16:06

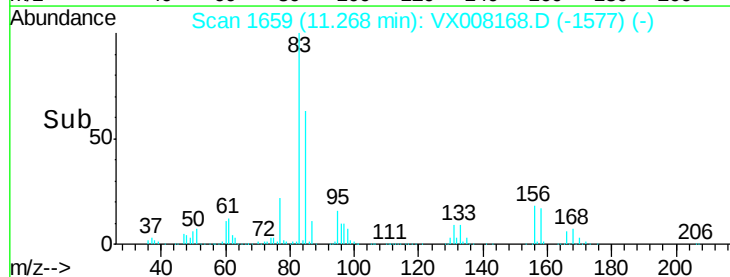
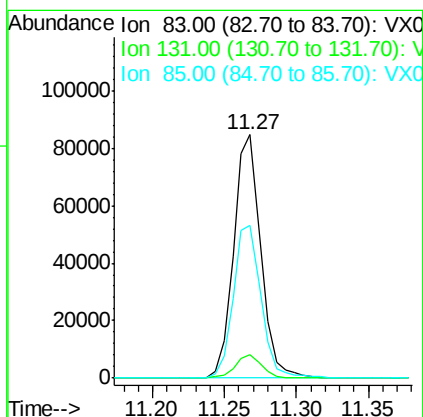
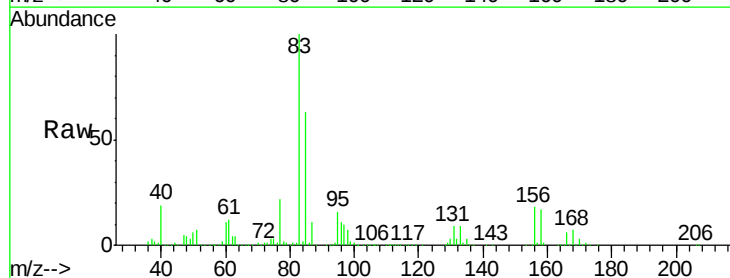
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

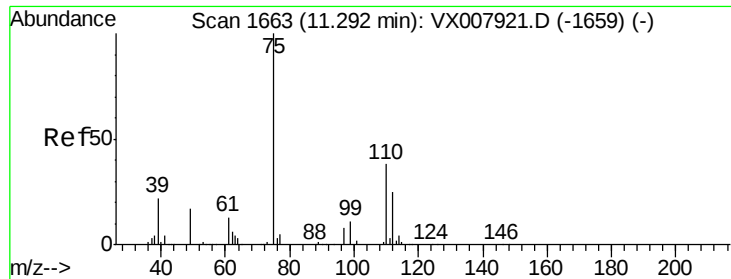
Tot Ion:105 Resp: 320985
Ion Ratio Lower Upper
105 100
120 25.5 19.8 36.8



#71
1,1,2,2-Tetrachloroethane
Concen: 20.405 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX008168.D
Acq: 18 Mar 2019 16:06

Tgt Ion: 83 Resp: 111724
Ion Ratio Lower Upper
83 100
131 9.1 5.4 16.2
85 64.1 32.8 98.4





#72

1,2,3-Trichloropropane

Concen: 27.794 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

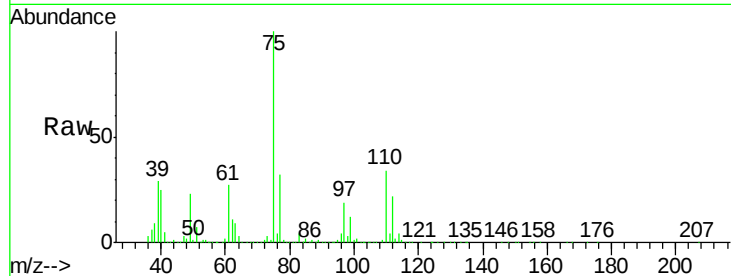
VX0318WBS01

Tot Ion: 75 Resp: 131232

Ion Ratio Lower Upper

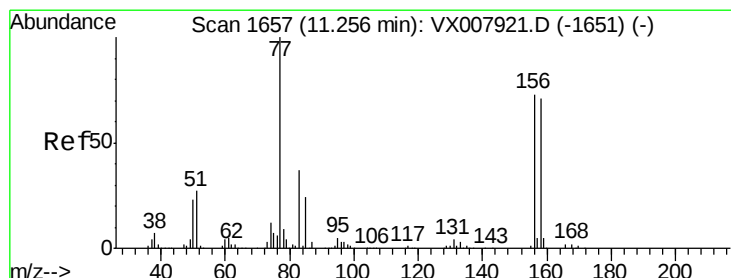
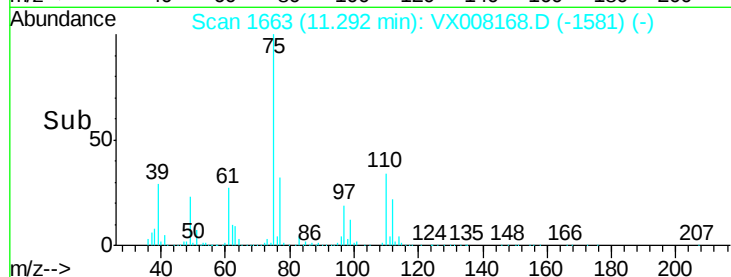
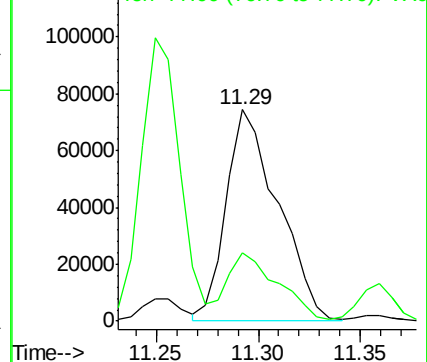
75 100

77 32.1 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: 20.064 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

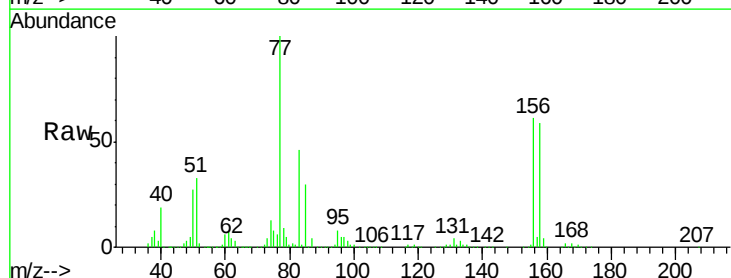
Tgt Ion: 156 Resp: 74243

Ion Ratio Lower Upper

156 100

77 175.4 0.0 271.4

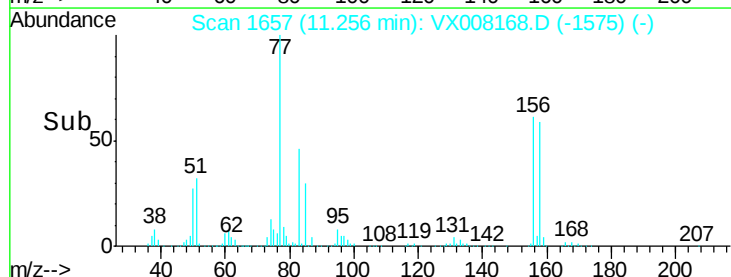
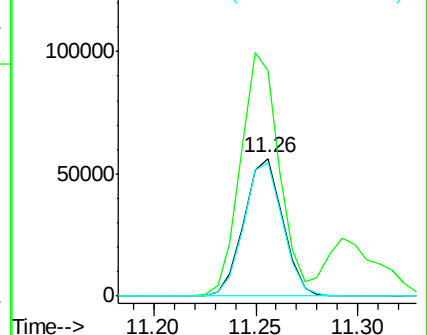
158 97.2 0.0 194.0

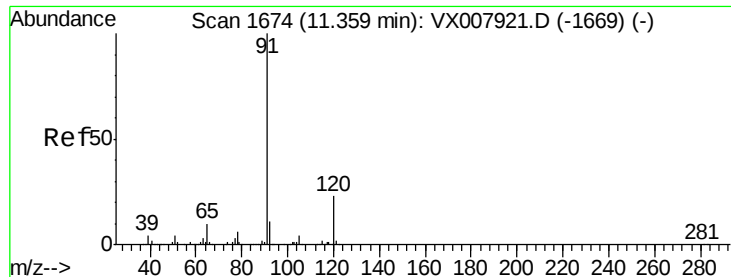


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V





#74

n-propylbenzene

Concen: 20.154 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

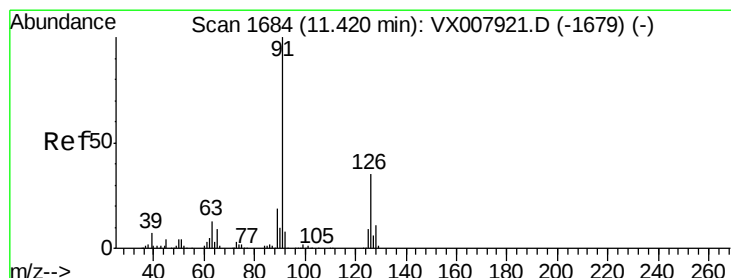
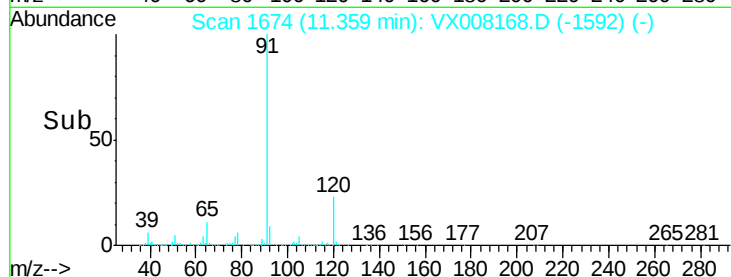
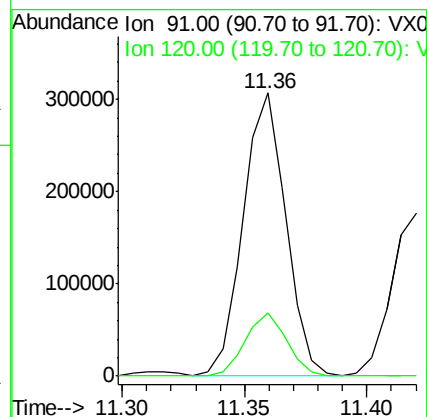
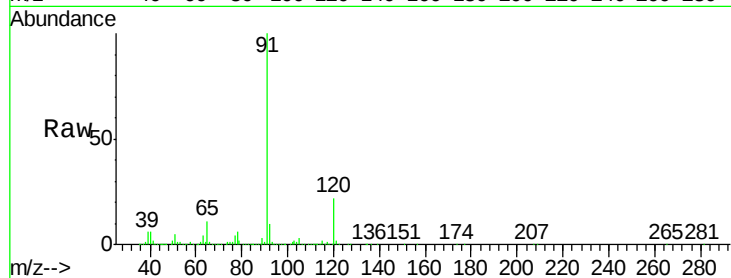
VX0318WBS01

Tot Ion: 91 Resp: 372982

Ion Ratio Lower Upper

91 100

120 21.7 0.0 48.6



#75

2-Chlorotoluene

Concen: 20.331 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008168.D

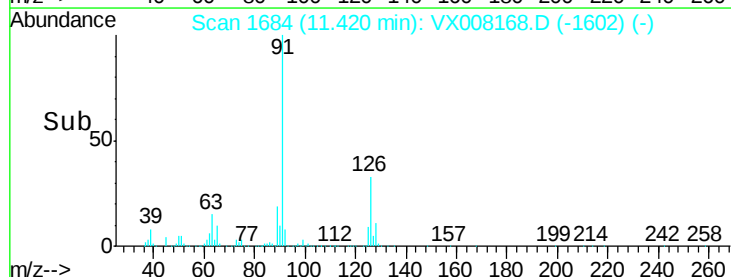
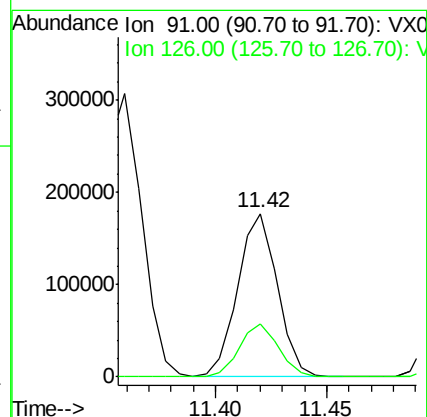
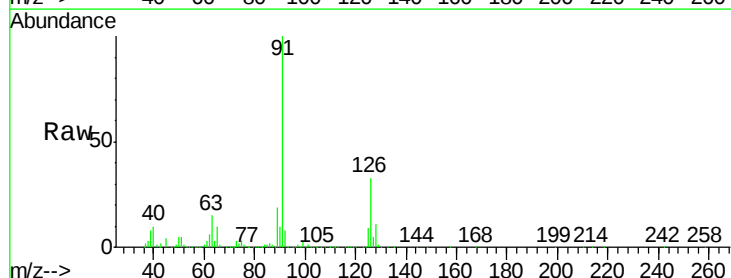
Acq: 18 Mar 2019 16:06

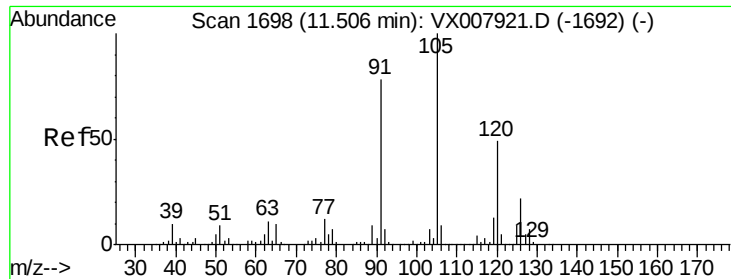
Tgt Ion: 91 Resp: 221045

Ion Ratio Lower Upper

91 100

126 32.1 0.0 75.2





#76

1,3,5-Trimethylbenzene

Concen: 20.255 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

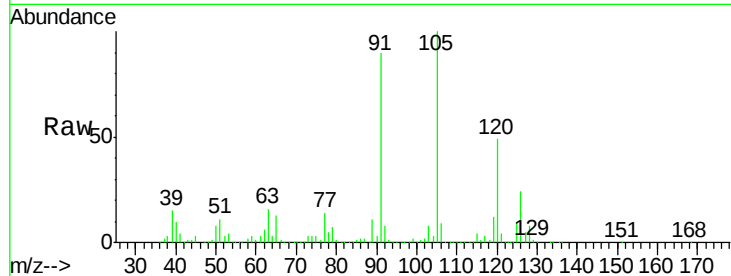
VX0318WBS01

Tot Ion:105 Resp: 261814

Ion Ratio Lower Upper

105 100

120 47.4 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

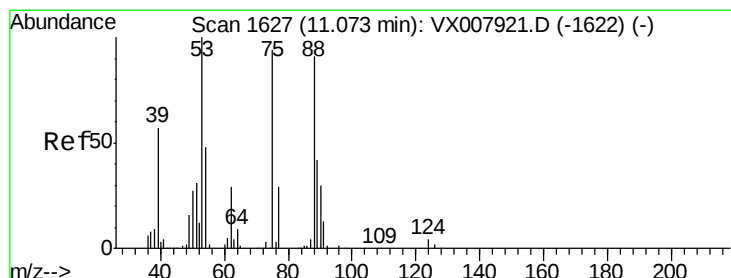
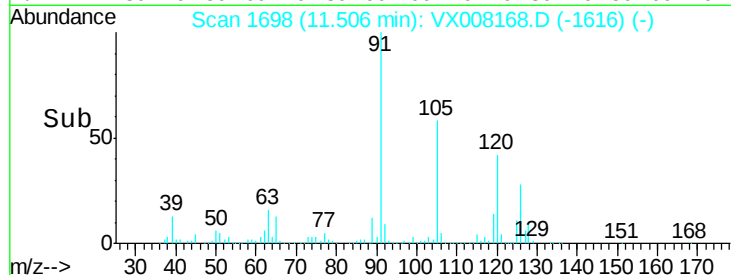
0

11.45

11.50

11.55

Time-->



#77

t-1,4-Dichloro-2-butene

Concen: 19.521 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

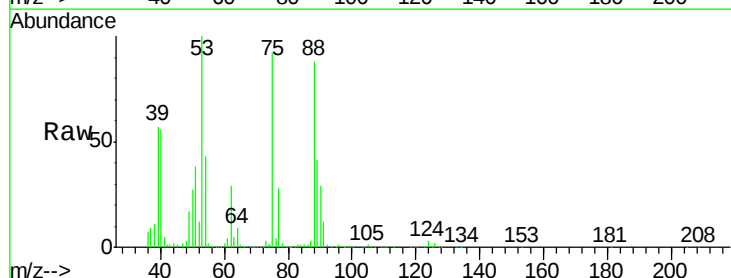
Tgt Ion: 75 Resp: 33120

Ion Ratio Lower Upper

75 100

53 108.9 55.5 166.7

89 44.4 24.4 73.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

100000

80000

60000

40000

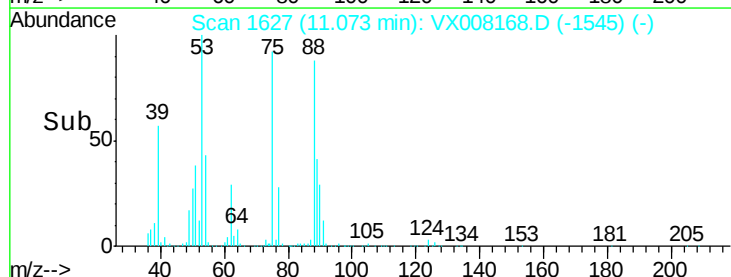
20000

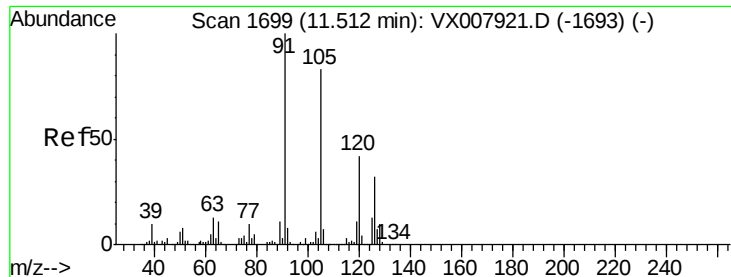
0

11.05

11.10

Time-->

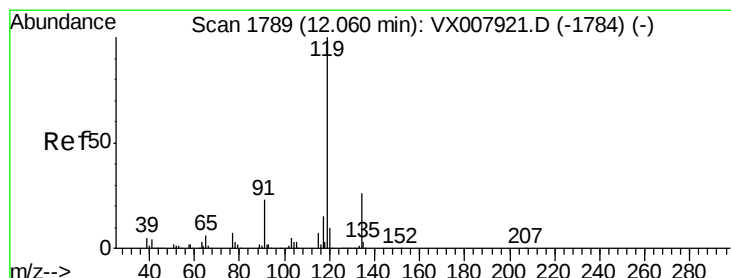
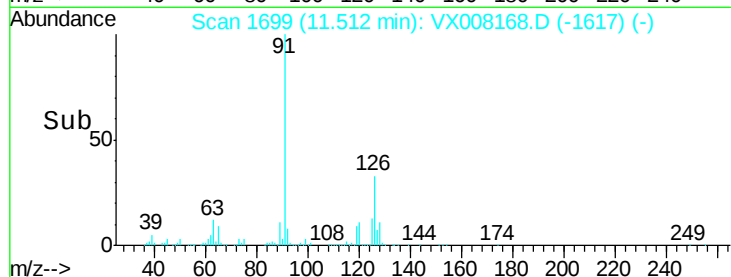
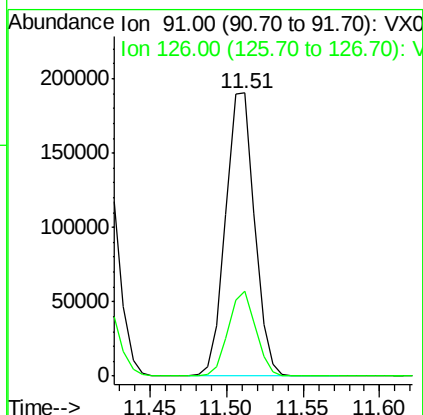
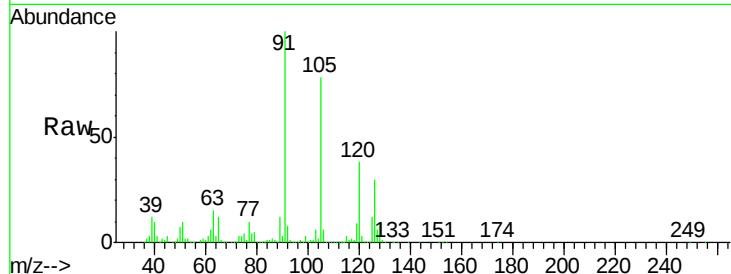




#78
4-Chlorotoluene
Concen: 19.983 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008168.D
Acq: 18 Mar 2019 16:06

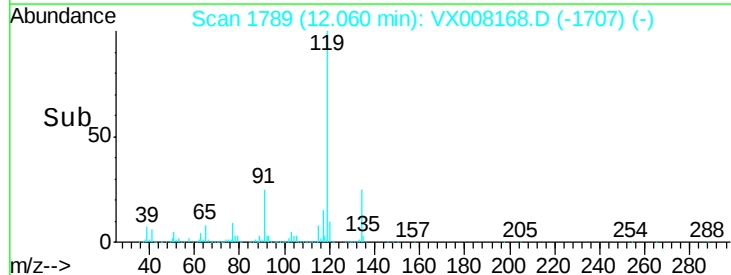
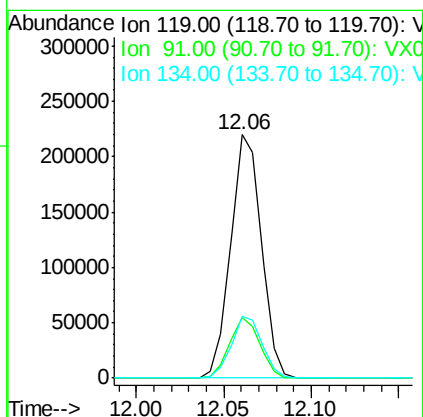
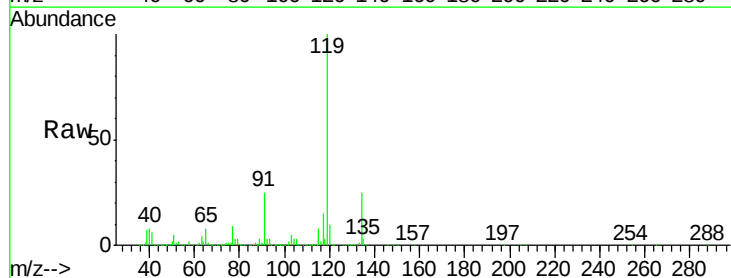
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

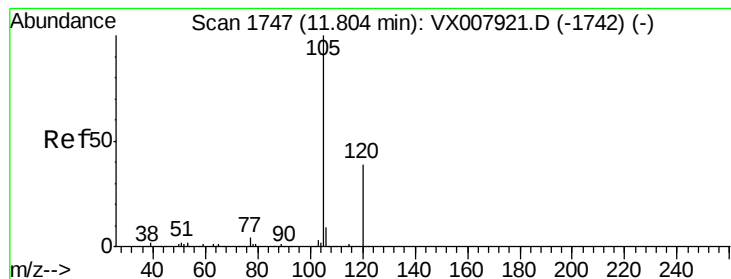
Tot Ion: 91 Resp: 250255
Ion Ratio Lower Upper
91 100
126 28.6 0.0 66.2



#79
tert-butylbenzene
Concen: 20.462 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008168.D
Acq: 18 Mar 2019 16:06

Tgt Ion: 119 Resp: 269346
Ion Ratio Lower Upper
119 100
91 24.3 0.0 45.0
134 25.3 0.0 55.4





#80

1,2,4-Trimethylbenzene

Concen: 20.470 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA_X

ClientSampled :

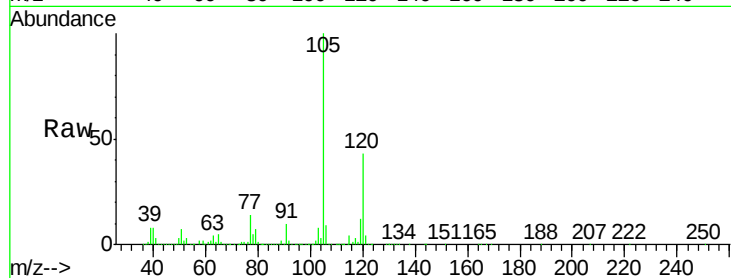
VX0318WBS01

Tot Ion:105 Resp: 267087

Ion Ratio Lower Upper

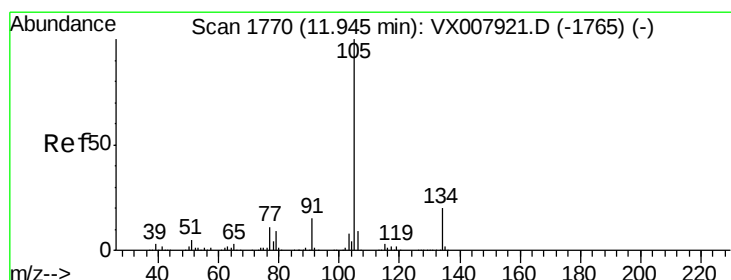
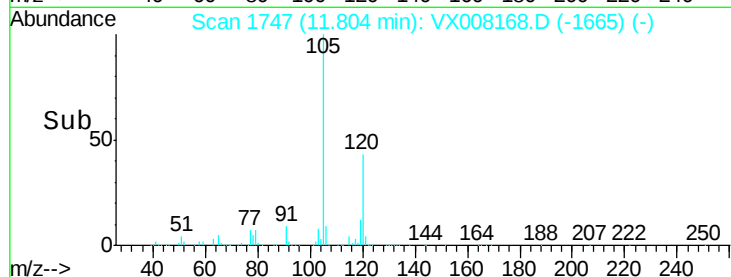
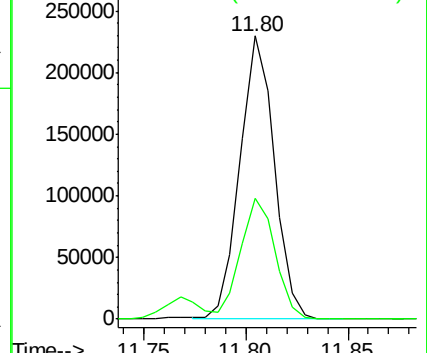
105 100

120 42.8 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: 20.296 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008168.D

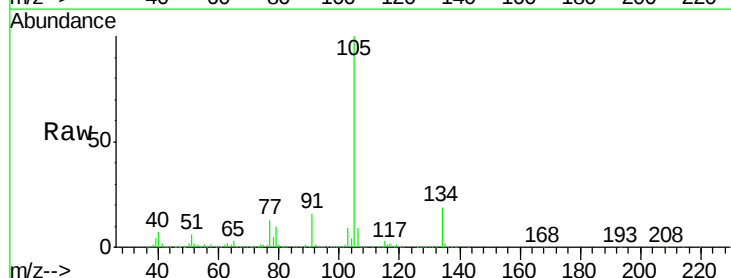
Acq: 18 Mar 2019 16:06

Tgt Ion:105 Resp: 313302

Ion Ratio Lower Upper

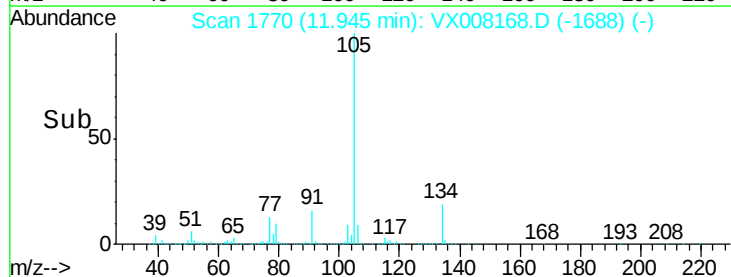
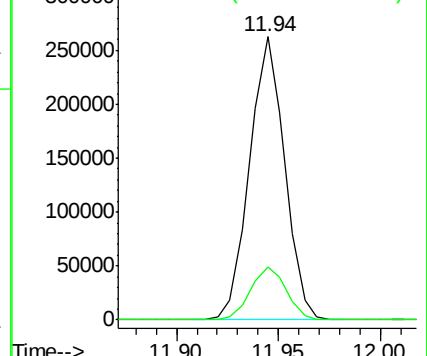
105 100

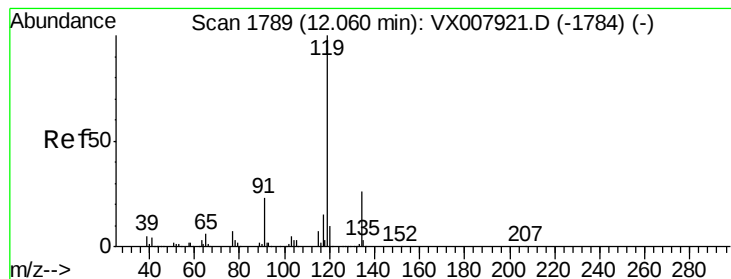
134 19.1 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#82

p-Isopropyltoluene

Concen: 20.462 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBS01

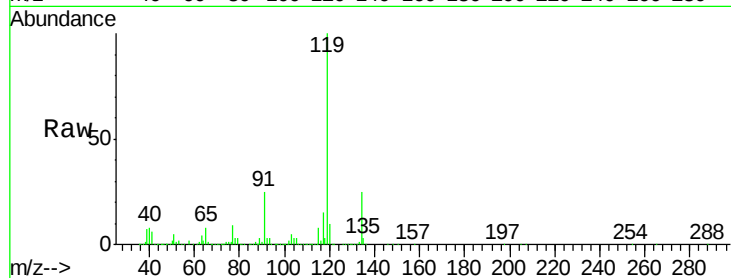
Tot Ion:119 Resp: 269346

Ion Ratio Lower Upper

119 100

134 25.3 0.0 55.4

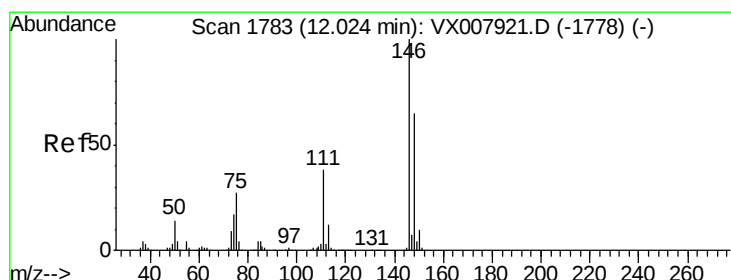
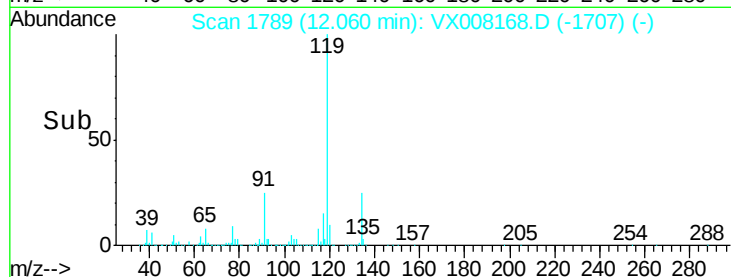
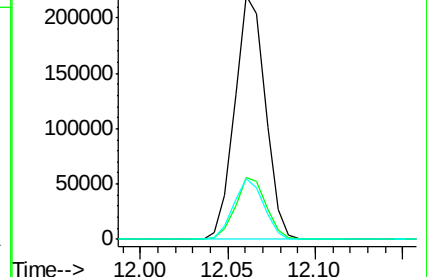
91 24.3 0.0 45.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#83

1,3-Dichlorobenzene

Concen: 20.231 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

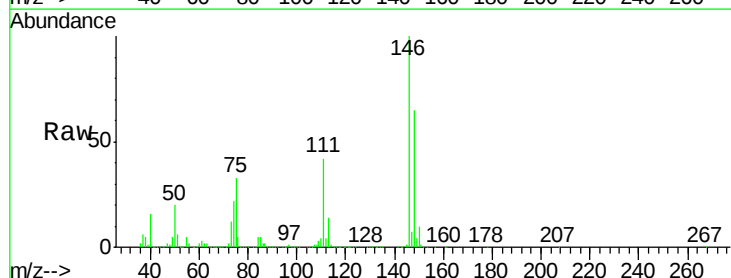
Tgt Ion:146 Resp: 134158

Ion Ratio Lower Upper

146 100

111 41.3 18.8 56.3

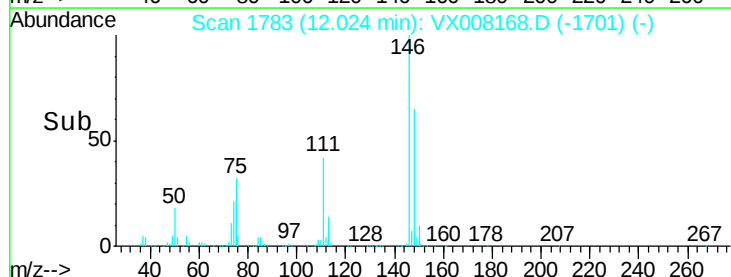
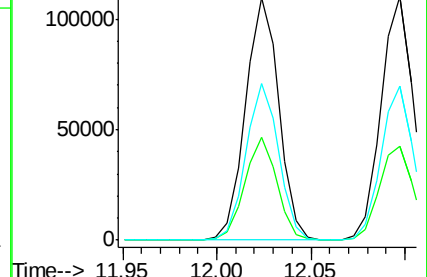
148 63.7 30.6 91.8

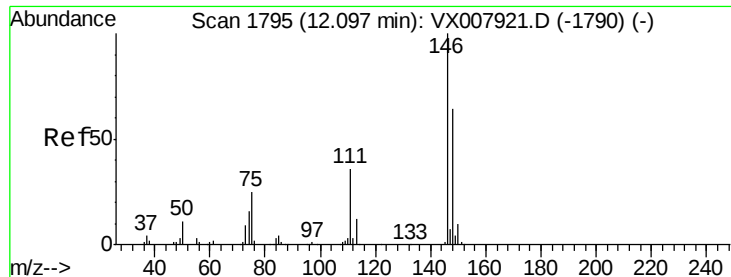


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#84

1,4-Dichlorobenzene

Concen: 20.125 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBS01

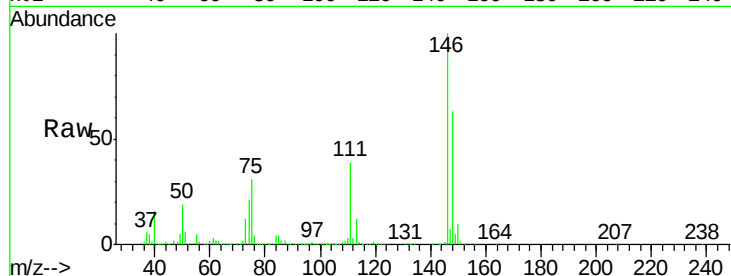
Tot Ion:146 Resp: 132450

Ion Ratio Lower Upper

146 100

111 40.4 17.6 52.8

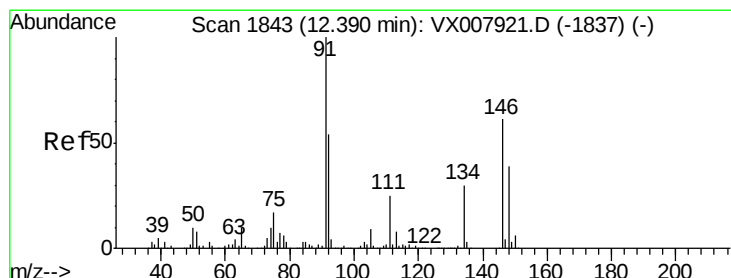
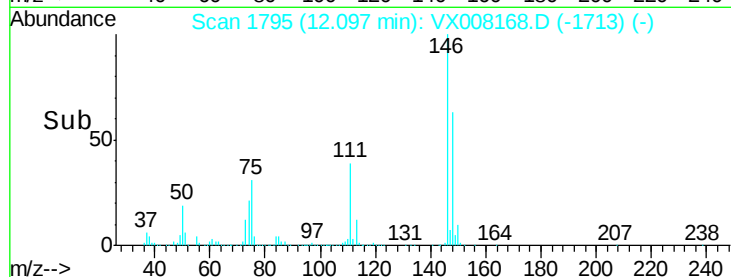
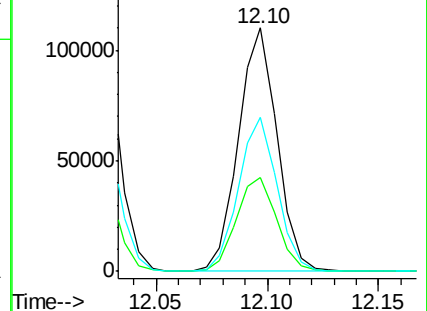
148 63.8 31.4 94.2



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: 19.841 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

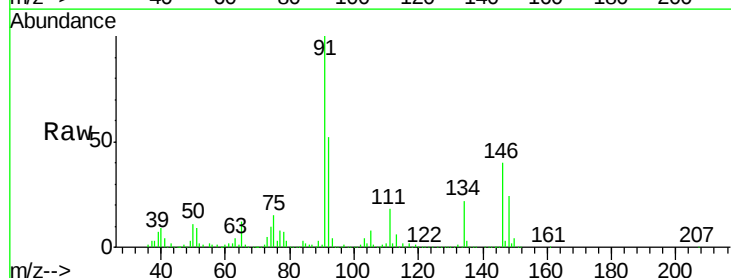
Tgt Ion: 91 Resp: 246268

Ion Ratio Lower Upper

91 100

92 52.6 0.0 105.2

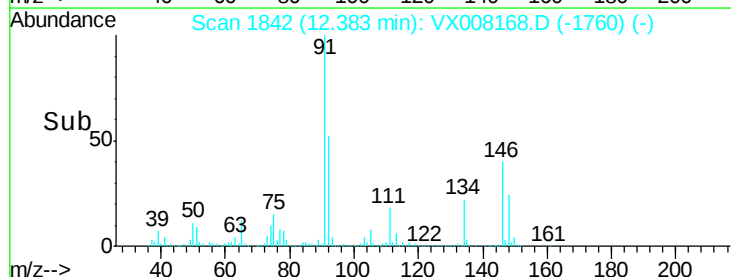
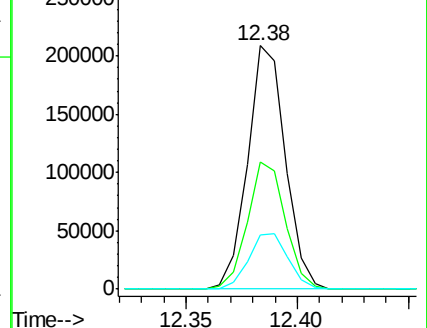
134 24.1 0.0 56.4

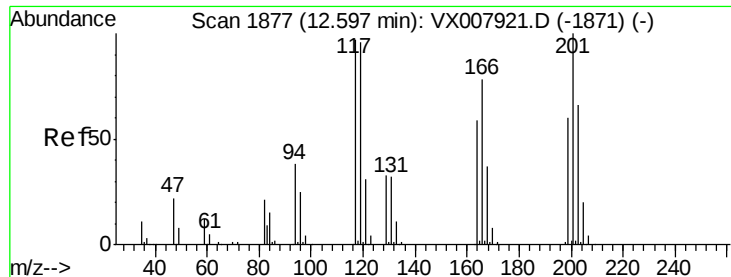


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

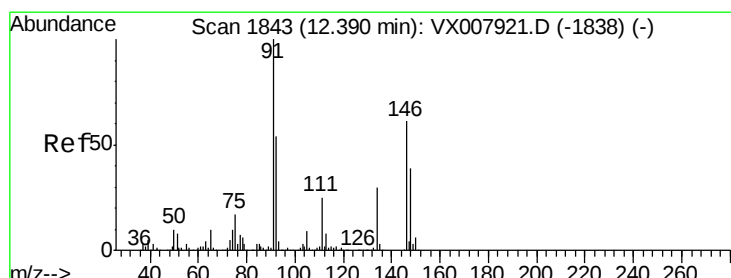
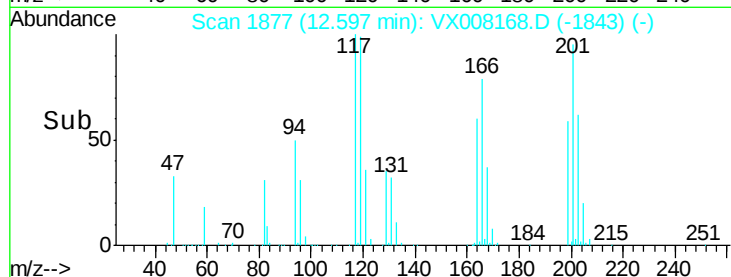
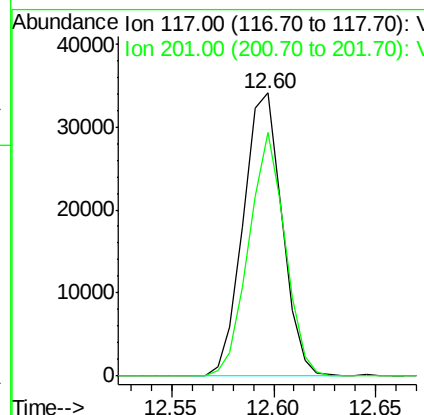
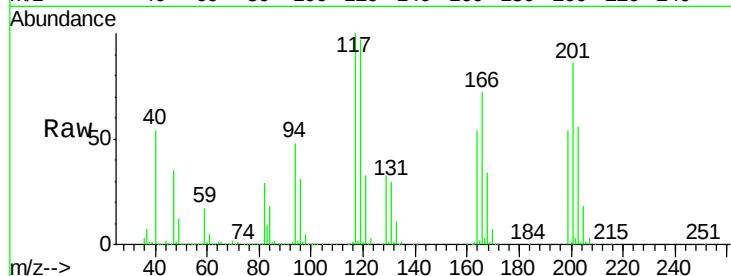




#86
Hexachloroethane
Concen: 19.925 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX008168.D
Acq: 18 Mar 2019 16:06

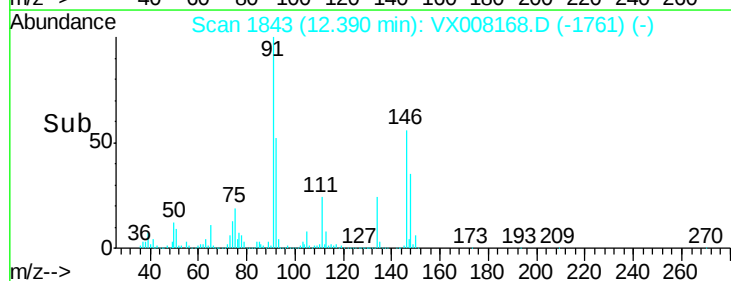
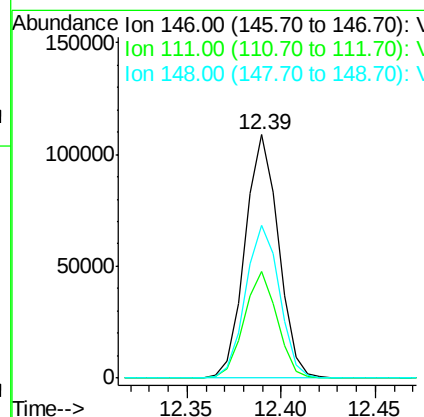
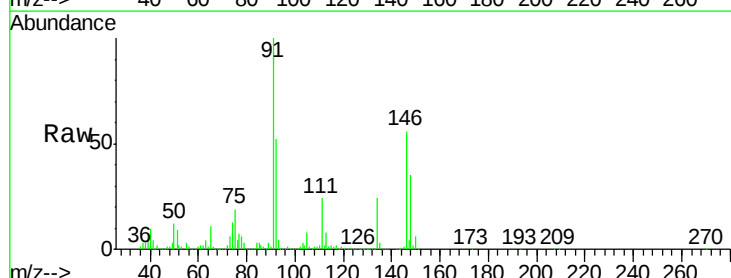
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

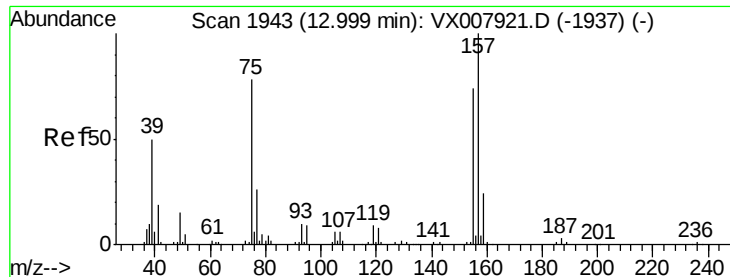
Tot Ion:117 Resp: 44959
Ion Ratio Lower Upper
117 100
201 80.6 41.1 123.3



#87
1,2-Dichlorobenzene
Concen: 20.278 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX008168.D
Acq: 18 Mar 2019 16:06

Tgt Ion:146 Resp: 133989
Ion Ratio Lower Upper
146 100
111 43.2 19.3 57.8
148 63.9 32.1 96.3





#88

1,2-Dibromo-3-Chloropropane

Concen: 19.299 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBS01

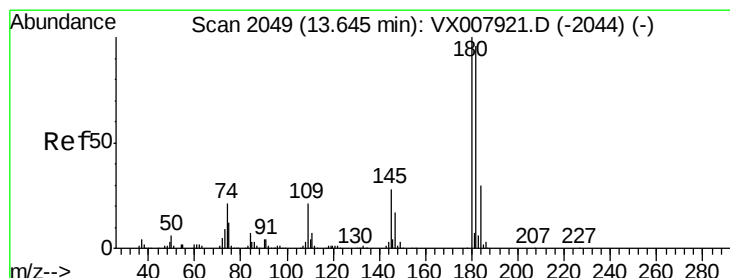
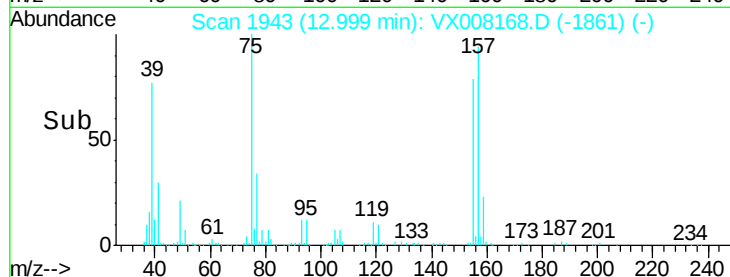
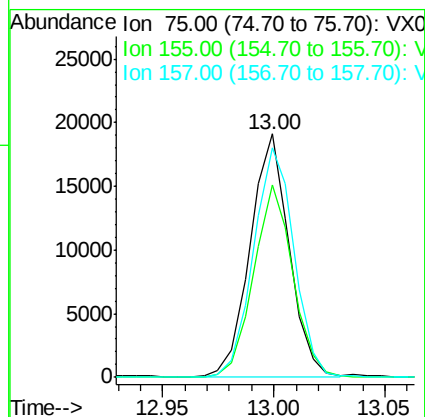
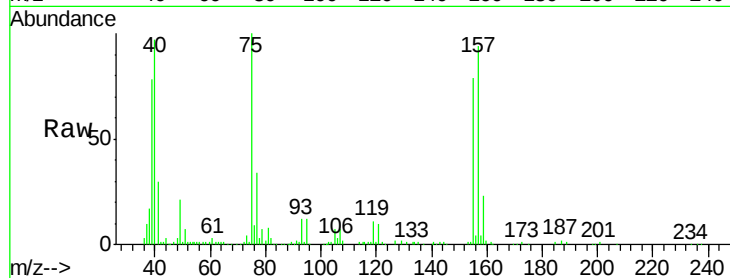
Tot Ion: 75 Resp: 23400

Ion Ratio Lower Upper

75 100

155 79.4 81.0 121.6#

157 97.8 103.2 154.8#



#89

1,2,4-Trichlorobenzene

Concen: 20.658 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

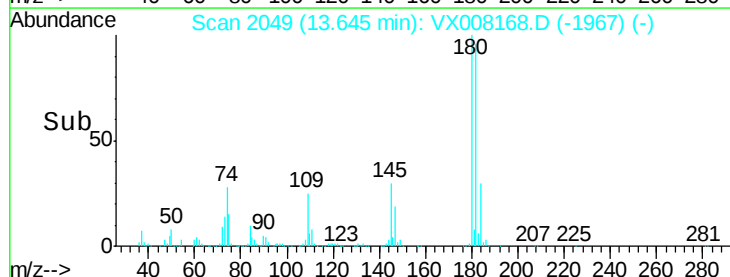
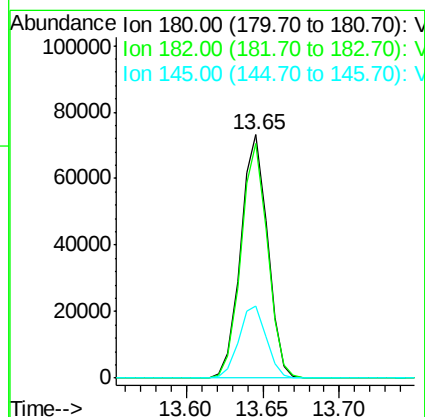
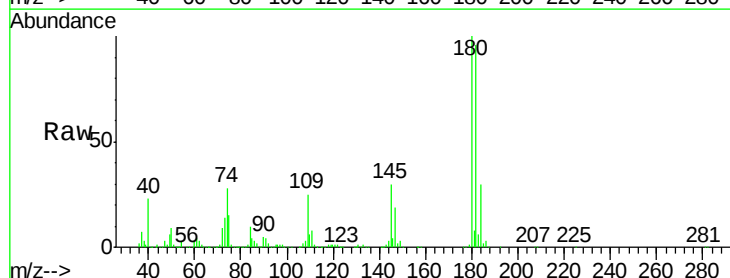
Tgt Ion: 180 Resp: 88914

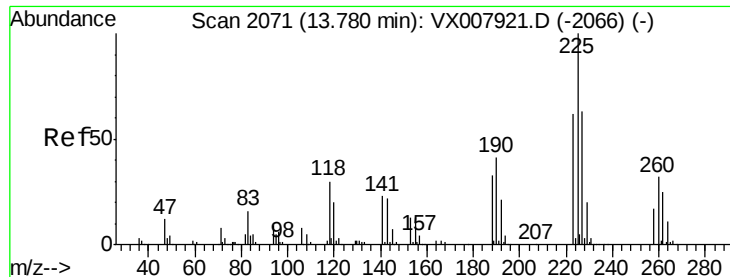
Ion Ratio Lower Upper

180 100

182 95.2 75.6 113.4

145 30.5 23.0 34.6





#90

Hexachlorobutadiene

Concen: 20.290 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBS01

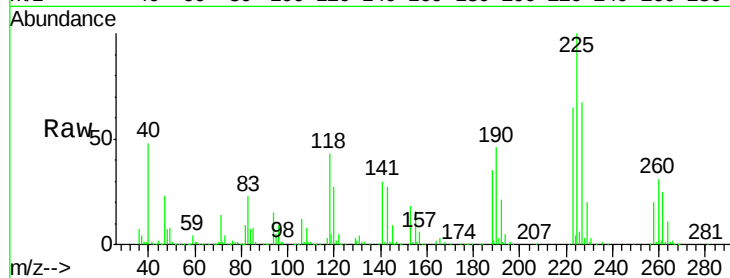
Tot Ion:225 Resp: 45320

Ion Ratio Lower Upper

225 100

223 61.9 0.0 123.8

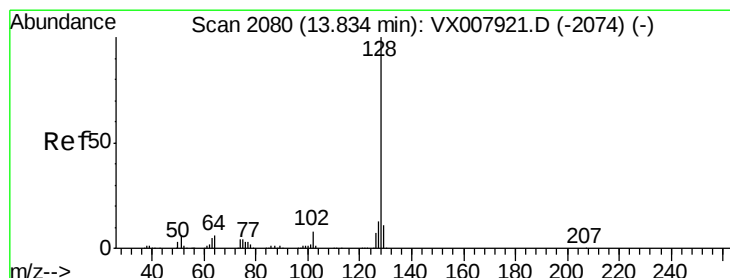
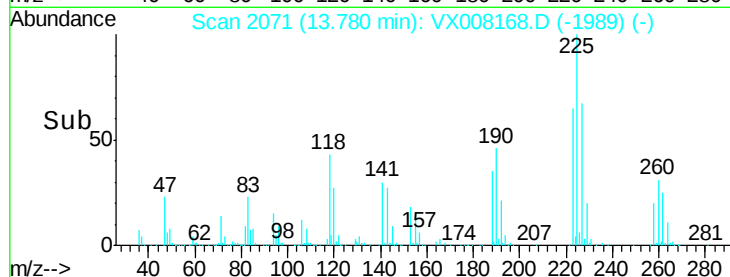
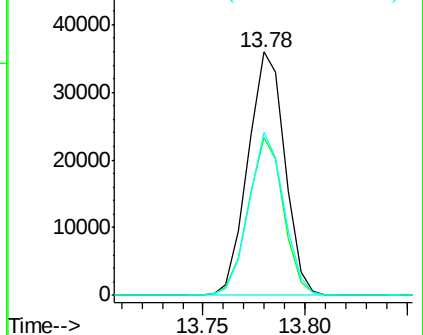
227 63.5 0.0 124.4



Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V



#91

Naphthalene

Concen: 20.249 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

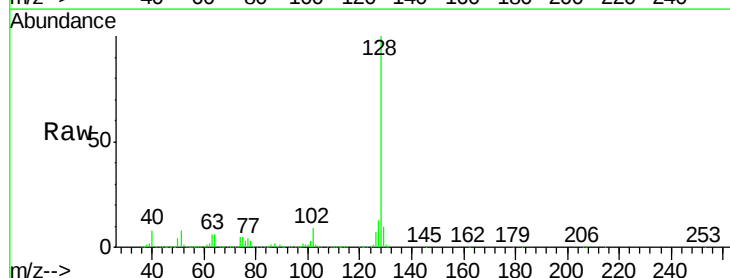
Tgt Ion:128 Resp: 282285

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

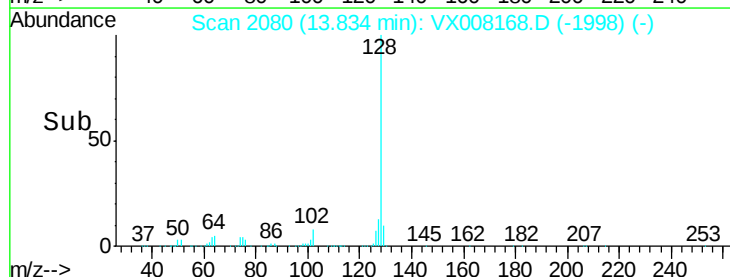
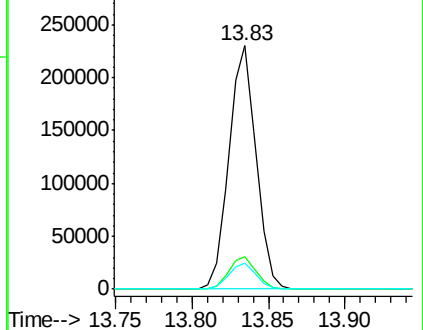
129 10.7 8.9 13.3

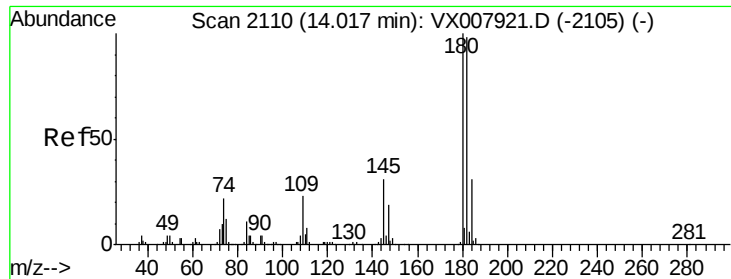


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

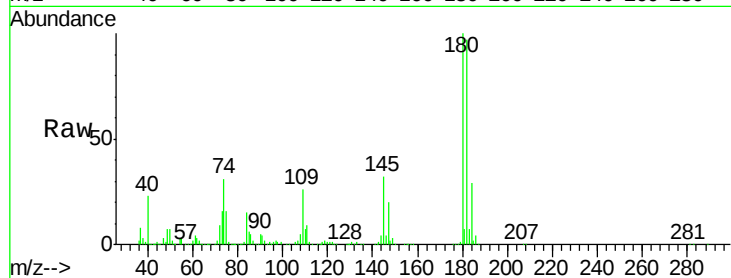




#92
 1,2,3-Trichlorobenzene
 Concen: 20.294 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX008168.D
 Acq: 18 Mar 2019 16:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	0.0	193.0
145	31.4	0.0	63.0



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

