

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041819\
 Data File : VX009041.D
 Acq On : 18 Apr 2019 14:11
 Operator : JC/SP
 Sample : VX0418WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBSD01

Quant Time: Apr 19 01:37:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	200650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	333335	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	295021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135515	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	143596	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
35) Dibromofluoromethane	5.50	113	105742	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
50) Toluene-d8	8.71	98	427088	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	11.13	95	150210	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	50838	21.997	ug/l	97
3) Chloromethane	1.32	50	62851	22.152	ug/l	99
4) Vinyl Chloride	1.41	62	58336	21.125	ug/l	98
5) Bromomethane	1.64	94	32838	21.376	ug/l	99
6) Chloroethane	1.72	64	34687	21.361	ug/l	100
7) Trichlorofluoromethane	1.93	101	66711	20.691	ug/l	96
8) Diethyl Ether	2.19	74	30802	20.889	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	42800	20.762	ug/l	99
10) Methyl Iodide	2.51	142	44601	22.455	ug/l	98
11) Tert butyl alcohol	3.05	59	73010	116.317	ug/l	100
12) 1,1-Dichloroethene	2.37	96	44738	20.792	ug/l	94
13) Acrolein	2.29	56	40641	74.936	ug/l	100
14) Allyl chloride	2.73	41	101291	21.577	ug/l	98
15) Acrylonitrile	3.14	53	180974	113.580	ug/l	100
16) Acetone	2.45	43	158852	108.328	ug/l	99
17) Carbon Disulfide	2.57	76	124153	20.396	ug/l	99
18) Methyl Acetate	2.78	43	83196	22.732	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	164792	21.494	ug/l	100
20) Methylene Chloride	2.85	84	53076	21.165	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	46193	20.127	ug/l	95
22) Diisopropyl ether	3.86	45	202988	22.252	ug/l	90
23) Vinyl Acetate	3.82	43	898985	112.111	ug/l	99
24) 1,1-Dichloroethane	3.70	63	97023	21.188	ug/l	100
25) 2-Butanone	4.68	43	270440	115.379	ug/l	100
26) 2,2-Dichloropropane	4.59	77	63737	18.569	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	55104	21.147	ug/l	100
28) Bromochloromethane	5.02	49	43921	22.012	ug/l	96
29) Tetrahydrofuran	5.13	42	180813	115.253	ug/l	99
30) Chloroform	5.21	83	88167	21.516	ug/l	99
31) Cyclohexane	5.58	56	93338	20.724	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	72390	21.315	ug/l	99
36) 1,1-Dichloropropene	5.80	75	67009	19.438	ug/l	100
37) Ethyl Acetate	4.84	43	100500	22.655	ug/l	99
38) Carbon Tetrachloride	5.79	117	58729	20.095	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041819\
 Data File : VX009041.D
 Acq On : 18 Apr 2019 14:11
 Operator : JC/SP
 Sample : VX0418WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBSD01

Quant Time: Apr 19 01:37:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	82720	19.708	ug/l	97
40) Benzene	6.15	78	210403	20.688	ug/l	98
41) Methacrylonitrile	5.04	41	56968	22.376	ug/l	99
42) 1,2-Dichloroethane	6.20	62	75095	20.844	ug/l	99
43) Isopropyl Acetate	6.45	43	154318	21.587	ug/l	99
44) Trichloroethene	7.21	130	49080	19.696	ug/l	98
45) 1,2-Dichloropropane	7.51	63	60516	21.449	ug/l	100
46) Dibromomethane	7.66	93	33744	20.550	ug/l	99
47) Bromodichloromethane	7.90	83	65880	20.456	ug/l	99
48) Methyl methacrylate	7.77	41	77656	21.985	ug/l	98
49) 1,4-Dioxane	7.74	88	29253	442.474	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	519729	114.120	ug/l	99
52) Toluene	8.79	92	125990	20.671	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	73514	19.834	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	83695	20.167	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	51648	21.380	ug/l	97
56) Ethyl methacrylate	9.18	69	93350	21.551	ug/l	98
57) 1,3-Dichloropropane	9.37	76	90710	21.090	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	244995	105.034	ug/l	99
59) 2-Hexanone	9.49	43	400005	113.922	ug/l	99
60) Dibromochloromethane	9.58	129	48216	20.826	ug/l	98
61) 1,2-Dibromoethane	9.67	107	52305	20.979	ug/l	99
64) Tetrachloroethene	9.34	164	45277	20.202	ug/l	98
65) Chlorobenzene	10.14	112	127559	20.484	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	45694	20.829	ug/l	99
67) Ethyl Benzene	10.25	91	235512	20.689	ug/l	99
68) m/p-Xylenes	10.36	106	168559	40.744	ug/l	98
69) o-Xylene	10.70	106	83250	20.681	ug/l	98
70) Styrene	10.71	104	143137	20.520	ug/l	98
71) Bromoform	10.85	173	35121	20.096	ug/l #	99
73) Isopropylbenzene	11.02	105	222761	21.686	ug/l	100
74) N-amyl acetate	10.90	43	131284	22.260	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	84670	22.560	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	96964	29.303	ug/l	80
77) Bromobenzene	11.26	156	53281	20.559	ug/l	97
78) n-propylbenzene	11.36	91	251848	21.362	ug/l	100
79) 2-Chlorotoluene	11.42	91	152391	21.450	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	185547	21.526	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	25384	19.694	ug/l	92
82) 4-Chlorotoluene	11.51	91	171422	20.776	ug/l	99
83) tert-Butylbenzene	11.77	119	172686	20.867	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	187614	21.382	ug/l	100
85) sec-Butylbenzene	11.94	105	209094	21.184	ug/l	100
86) p-Isopropyltoluene	12.06	119	190038	20.942	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	92447	20.381	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	93003	20.226	ug/l	99
89) n-Butylbenzene	12.38	91	171157	20.253	ug/l	99
90) Hexachloroethane	12.60	117	31344	20.940	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	93754	20.931	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17822	20.856	ug/l	99

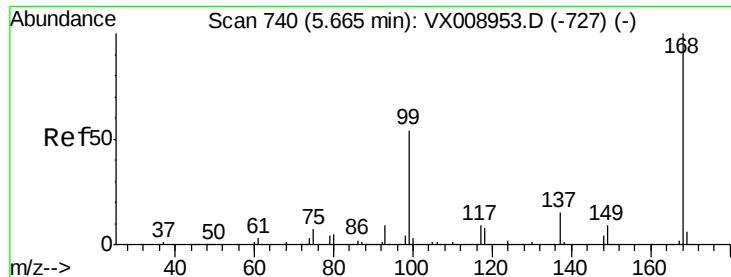
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041819\
Data File : VX009041.D
Acq On : 18 Apr 2019 14:11
Operator : JC/SP
Sample : VX0418WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0418WBSD01

Quant Time: Apr 19 01:37:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	64250	19.871	ug/l	100
94) Hexachlorobutadiene	13.78	225	32406	20.095	ug/l	99
95) Naphthalene	13.83	128	214453	20.702	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	65040	20.387	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

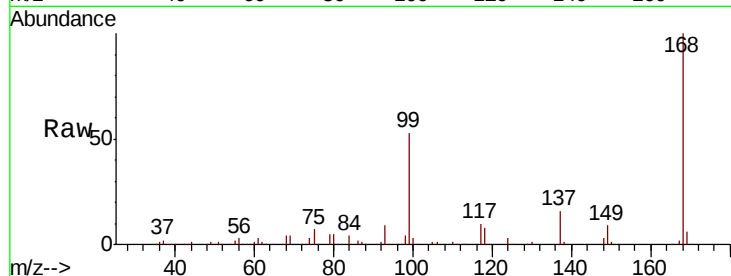
VX0418WBSD01

Tot Ion:168 Resp: 200650

Ion Ratio Lower Upper

168 100

99 52.6 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

40000

20000

0

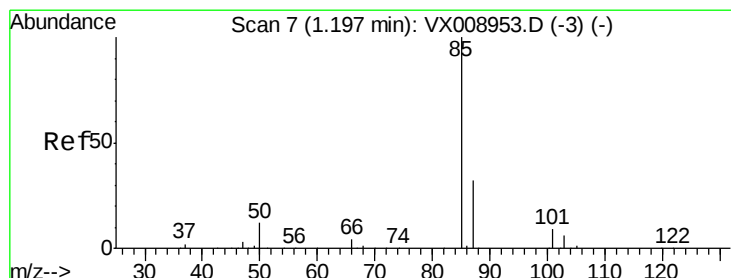
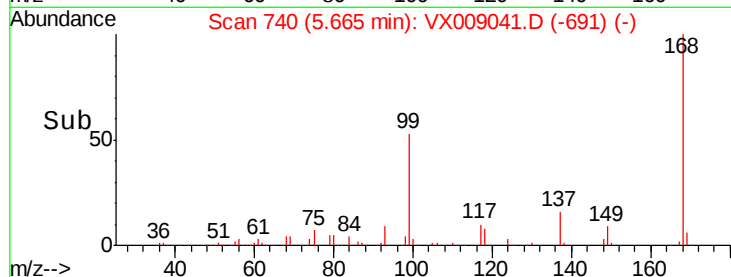
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 21.997 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009041.D

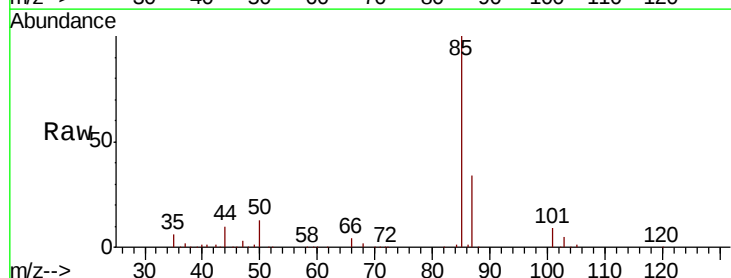
Acq: 18 Apr 2019 14:11

Tgt Ion: 85 Resp: 50838

Ion Ratio Lower Upper

85 100

87 33.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

20000

10000

0

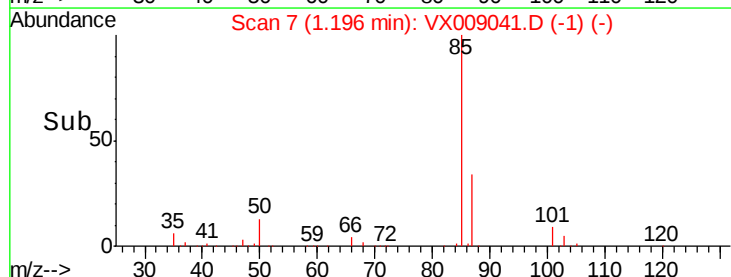
Time-->

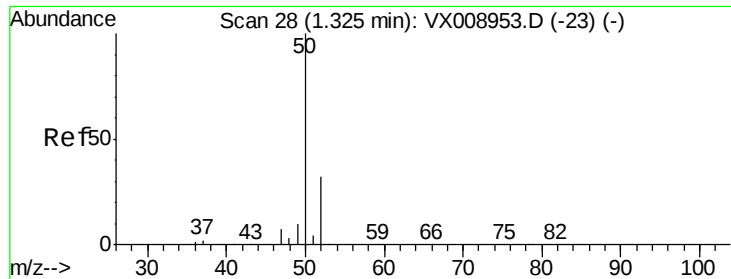
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 22.152 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

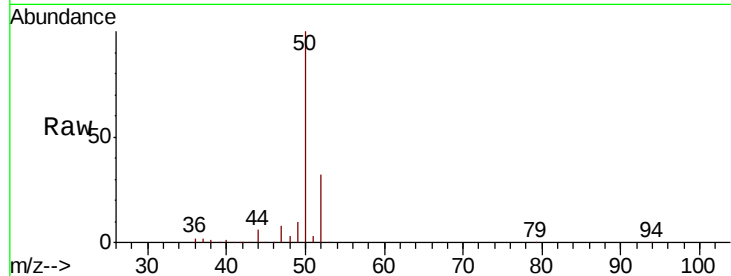
VX0418WBSD01

Tot Ion: 50 Resp: 62851

Ion Ratio Lower Upper

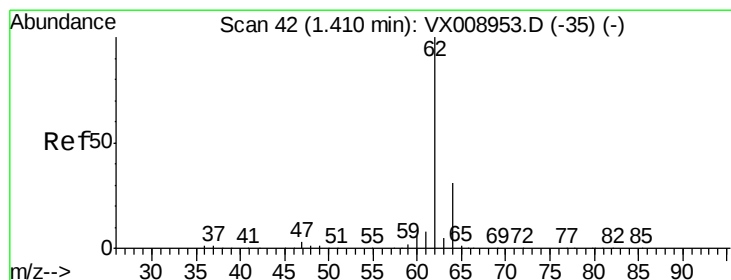
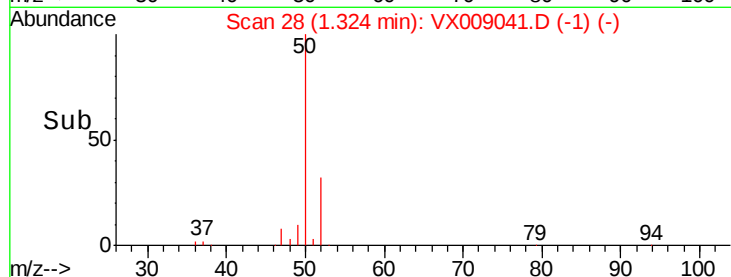
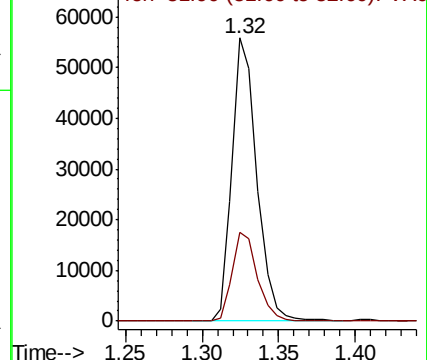
50 100

52 31.4 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.125 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009041.D

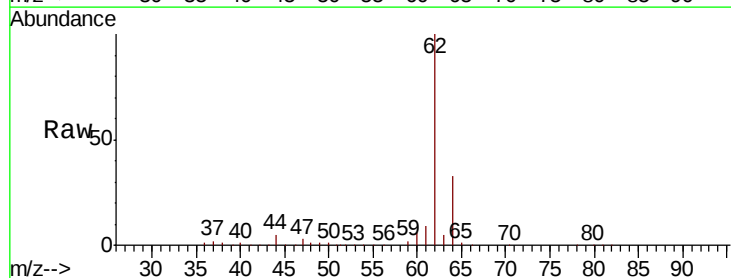
Acq: 18 Apr 2019 14:11

Tgt Ion: 62 Resp: 58336

Ion Ratio Lower Upper

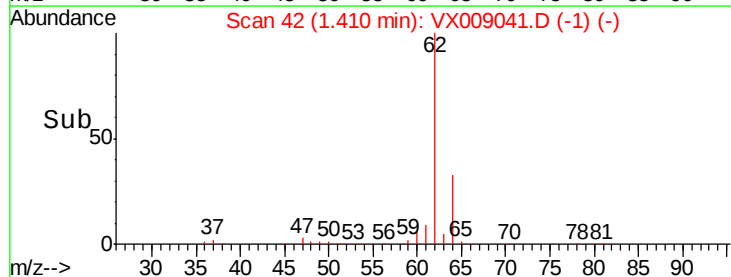
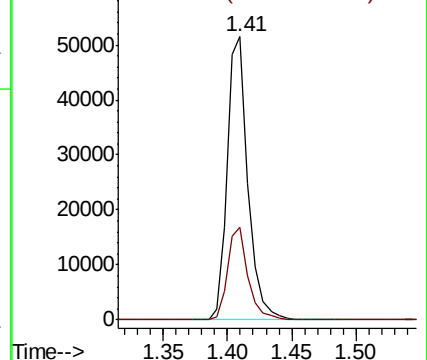
62 100

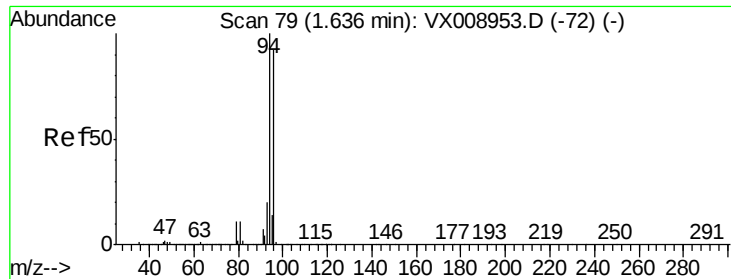
64 32.5 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.376 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

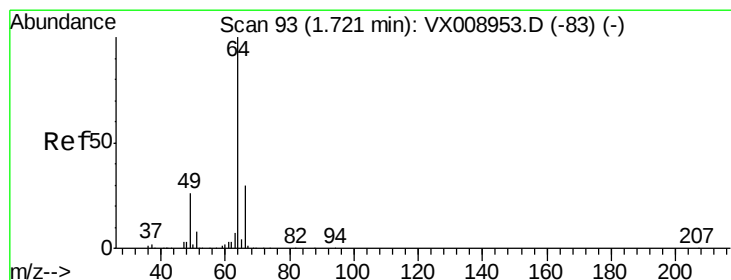
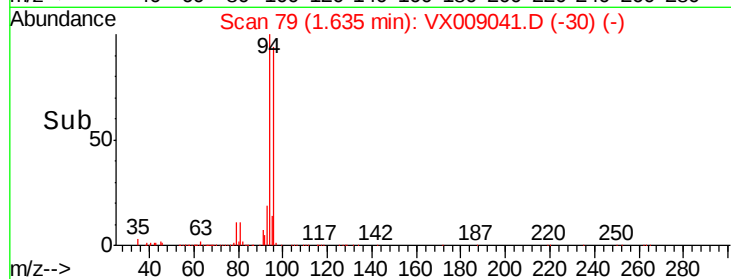
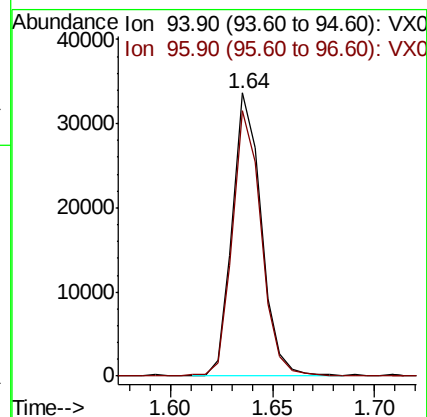
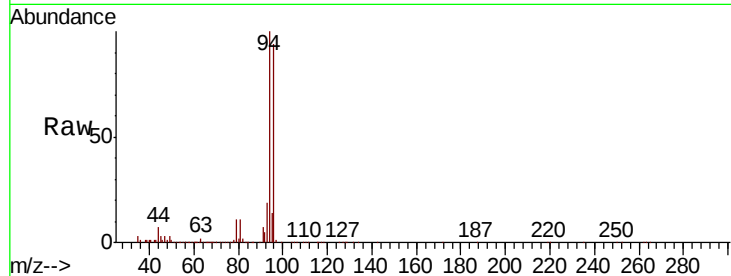
VX0418WBSD01

Tot Ion: 94 Resp: 32838

Ion Ratio Lower Upper

94 100

96 93.5 73.9 110.9



#6

Chloroethane

Concen: 21.361 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX009041.D

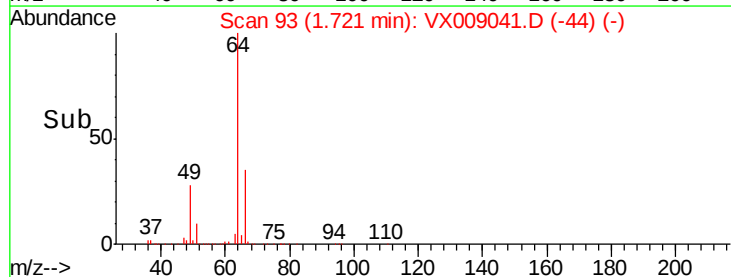
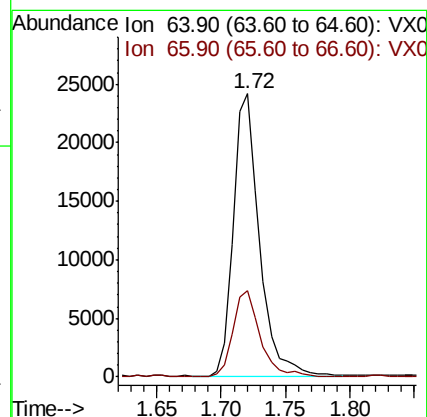
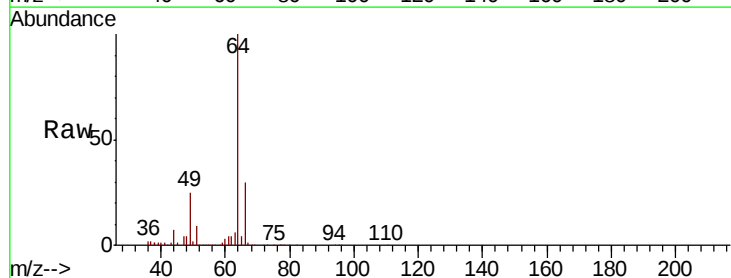
Acq: 18 Apr 2019 14:11

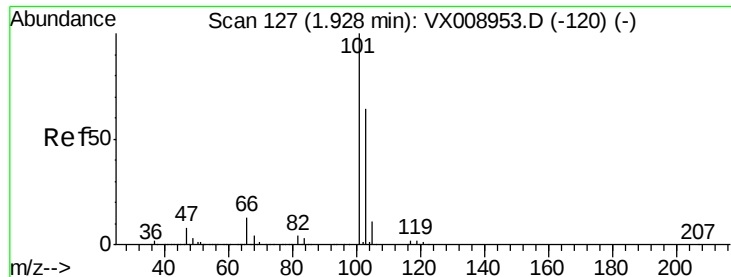
Tgt Ion: 64 Resp: 34687

Ion Ratio Lower Upper

64 100

66 30.4 24.2 36.2



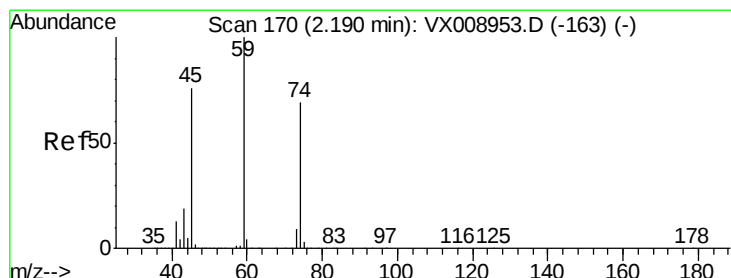
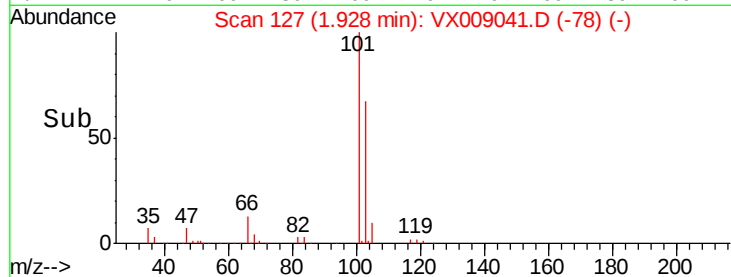
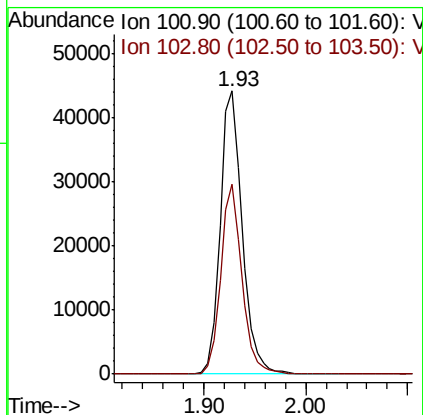
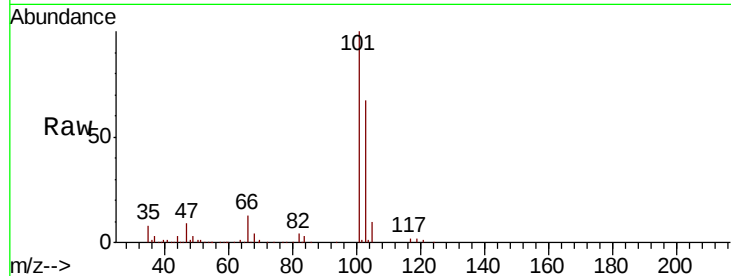


#7

Trichlorofluoromethane
 Concen: 20.691 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBSD01

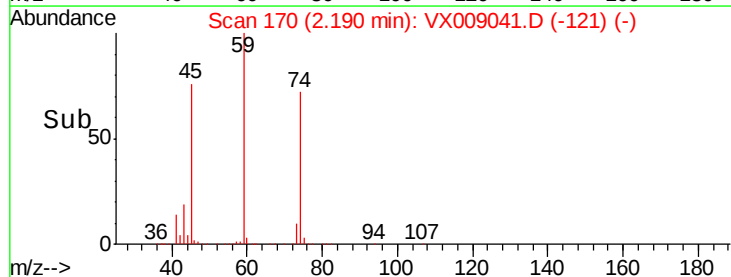
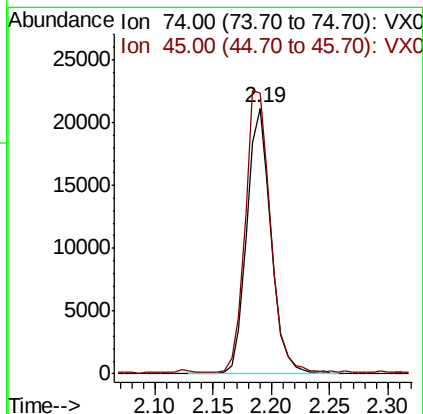
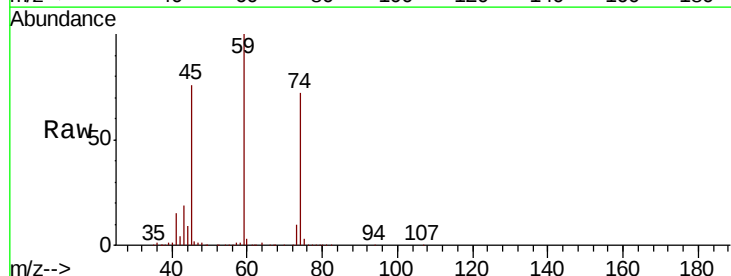
Tot Ion:101 Resp: 66711
 Ion Ratio Lower Upper
 101 100
 103 67.0 51.0 76.6



#8

Diethyl Ether
 Concen: 20.889 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Tgt Ion: 74 Resp: 30802
 Ion Ratio Lower Upper
 74 100
 45 110.1 54.9 164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.762 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0418WBSD01

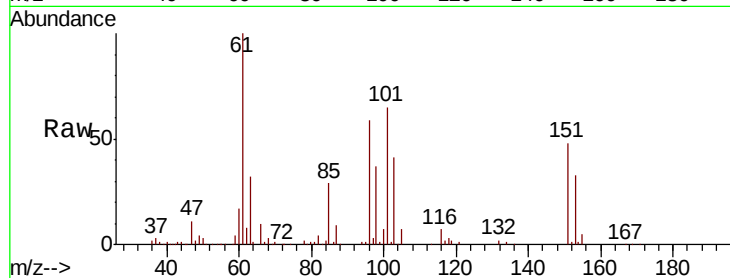
Tot Ion:101 Resp: 42800

Ion Ratio Lower Upper

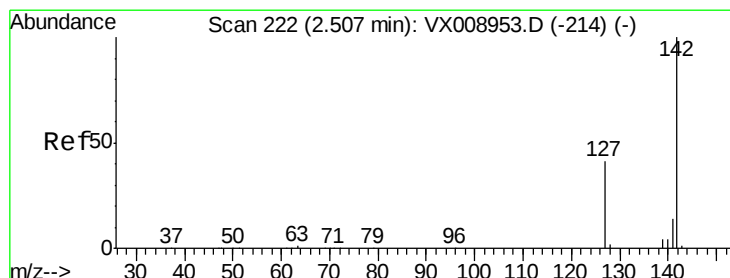
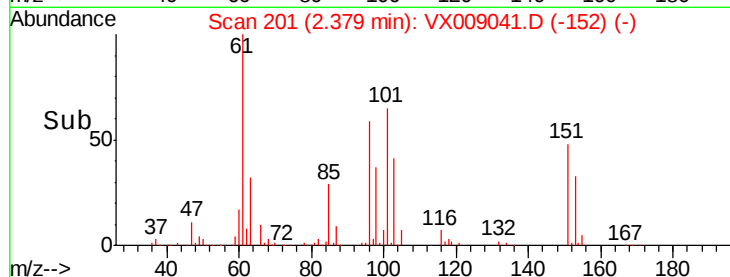
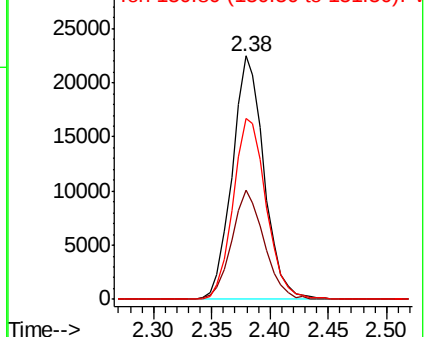
101 100

85 45.7 35.7 53.5

151 77.4 62.7 94.1



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.455 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

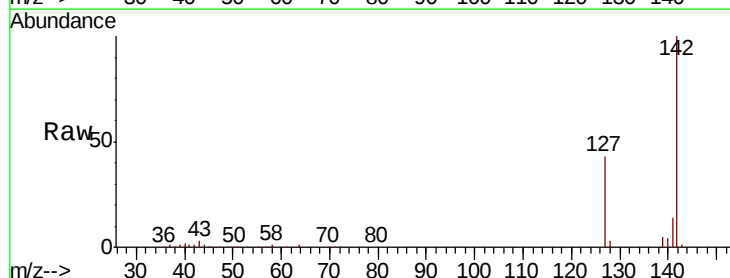
Tgt Ion:142 Resp: 44601

Ion Ratio Lower Upper

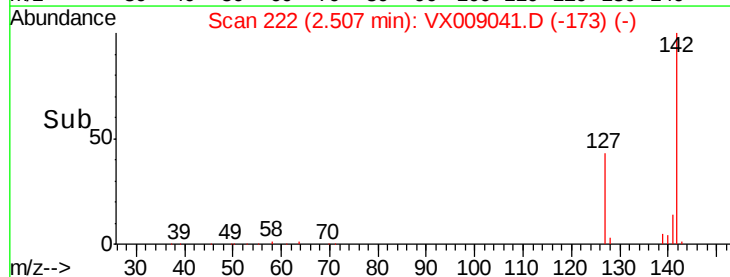
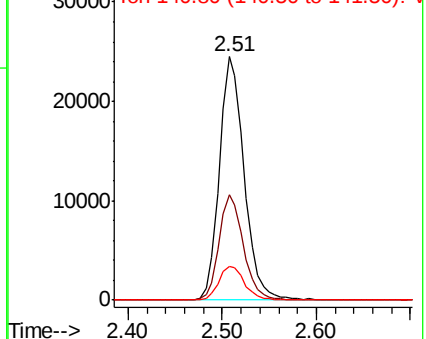
142 100

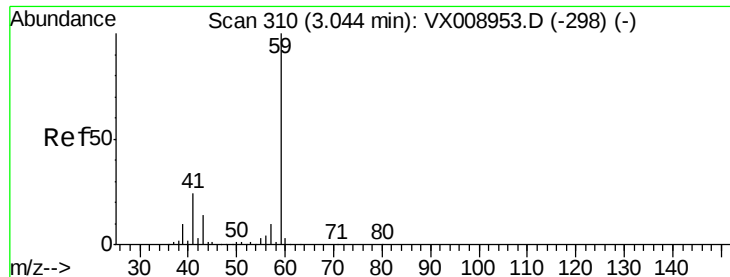
127 42.5 32.8 49.2

141 14.4 11.4 17.2



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

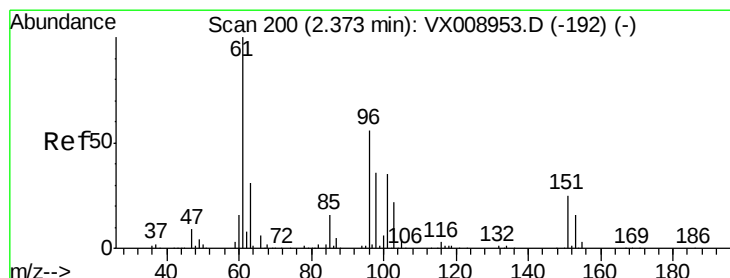
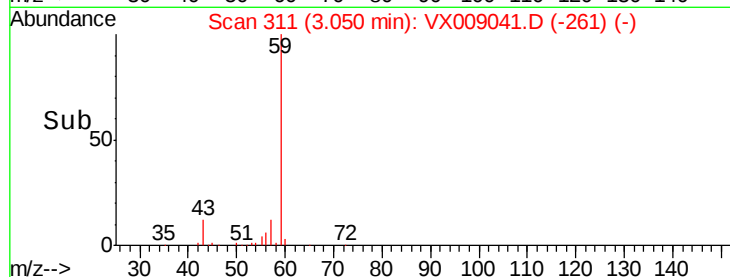
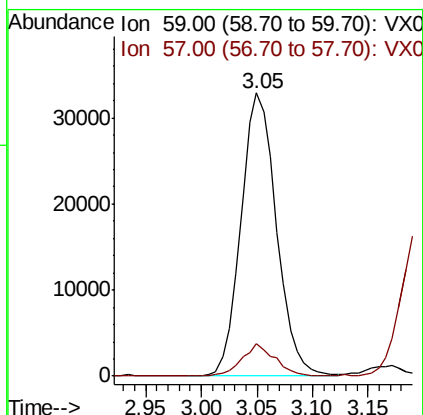
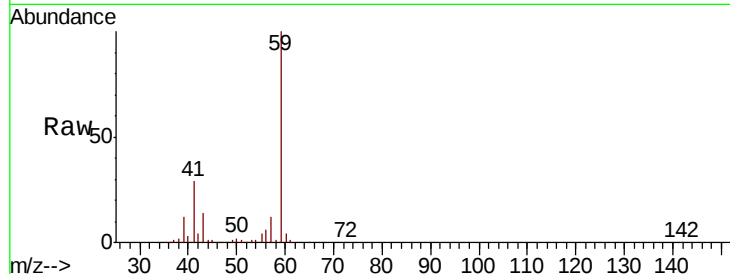




#11
Tert butyl alcohol
Concen: 116.317 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.01 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

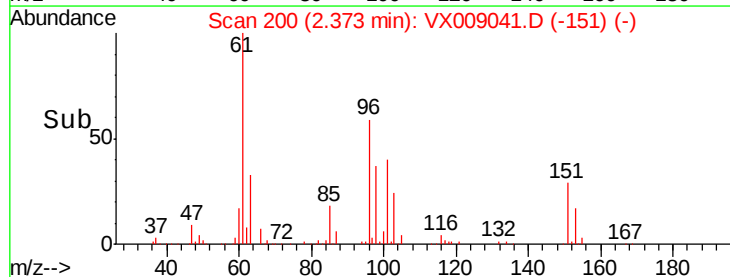
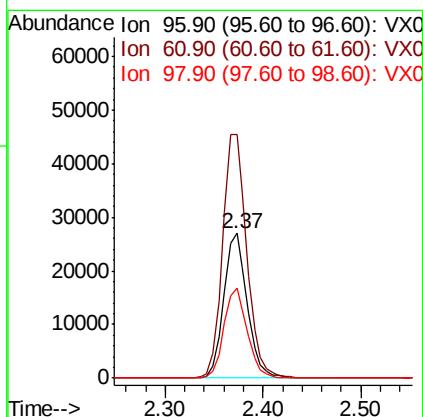
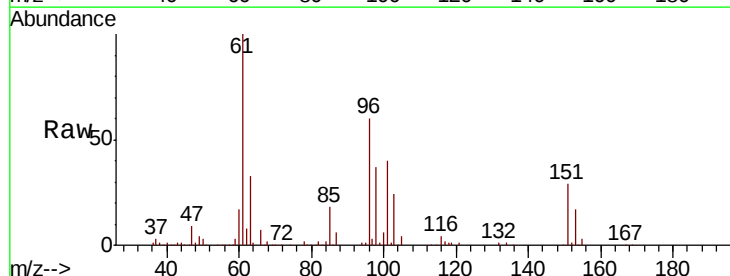
Instrument :
MSVOA_X
ClientSampled :
VX0418WBSD01

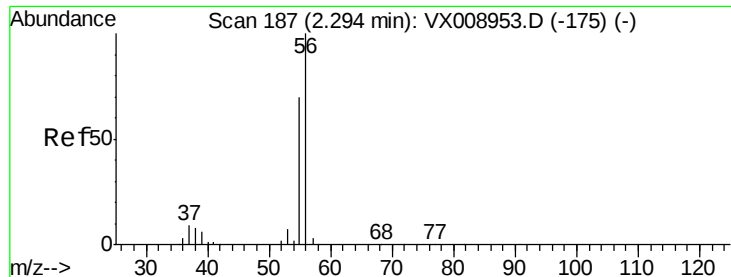
Tot Ion: 59 Resp: 73010
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6



#12
1,1-Dichloroethene
Concen: 20.792 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Tgt Ion: 96 Resp: 44738
Ion Ratio Lower Upper
96 100
61 167.9 142.2 213.2
98 61.8 50.9 76.3





#13

Acrolein

Concen: 74.936 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

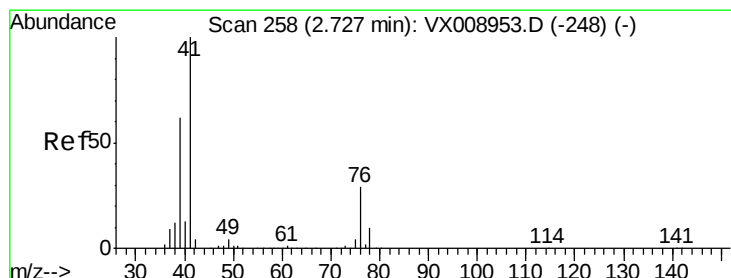
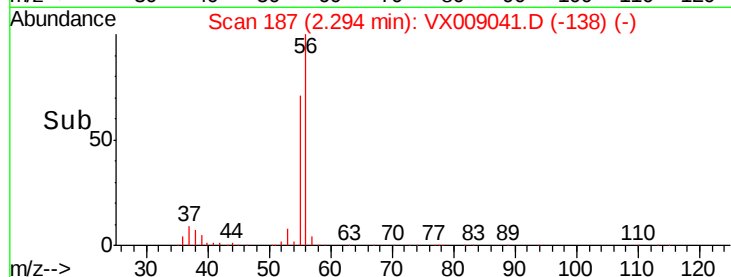
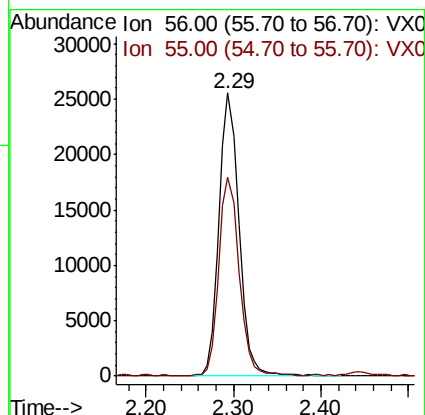
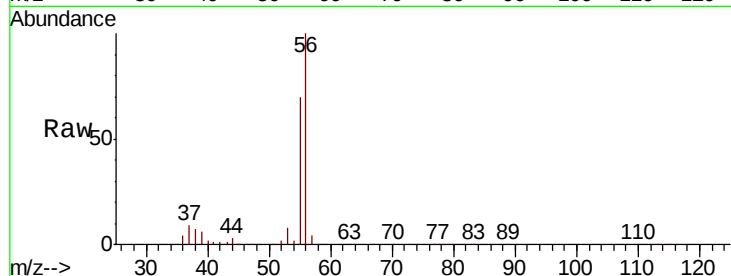
VX0418WBSD01

Tot Ion: 56 Resp: 40641

Ion Ratio Lower Upper

56 100

55 70.7 56.6 84.8



#14

Allyl chloride

Concen: 21.577 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

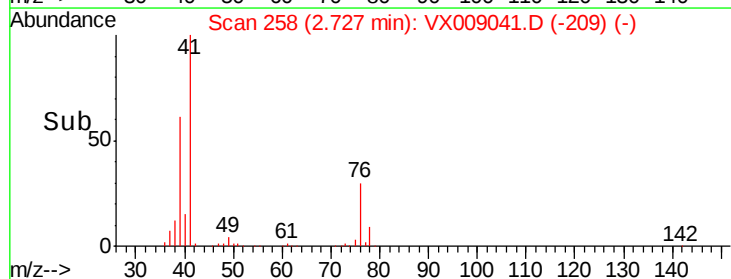
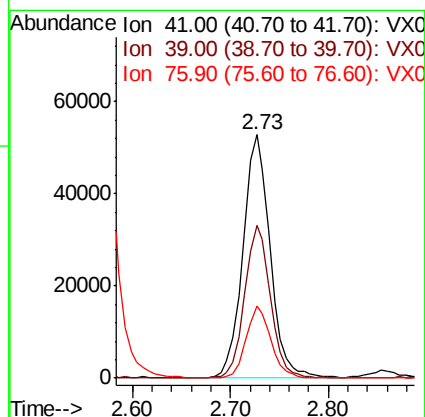
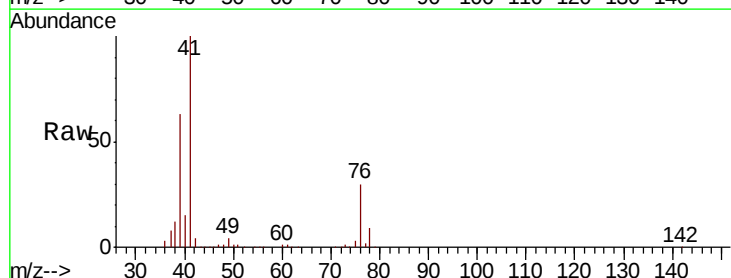
Tgt Ion: 41 Resp: 101291

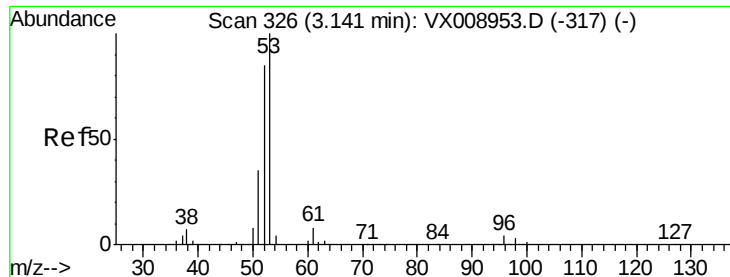
Ion Ratio Lower Upper

41 100

39 60.3 46.7 70.1

76 26.6 22.0 33.0





#15

Acrylonitrile

Concen: 113.580 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0418WBSD01

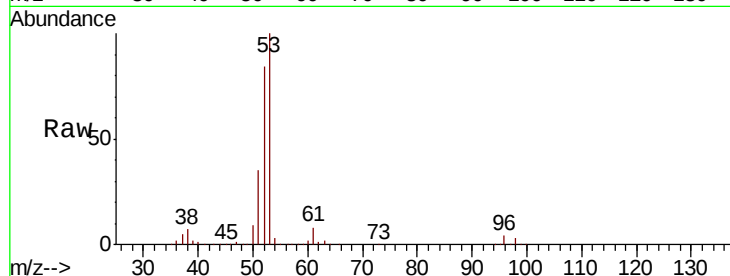
Tot Ion: 53 Resp: 180974

Ion Ratio Lower Upper

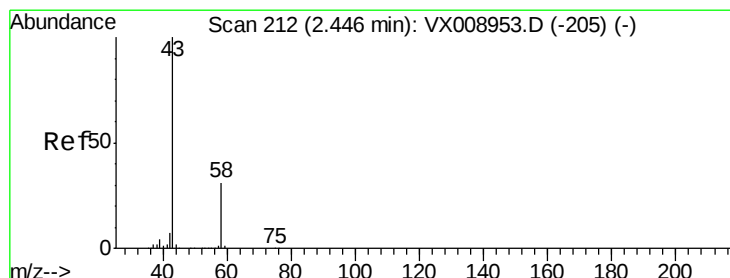
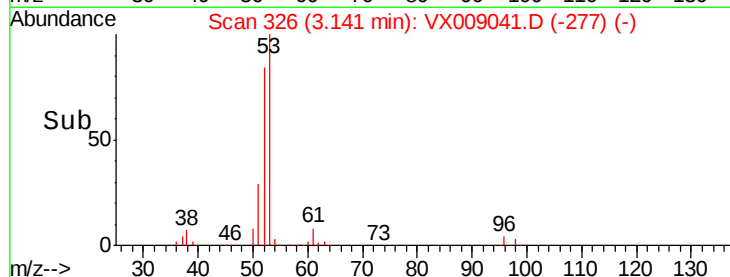
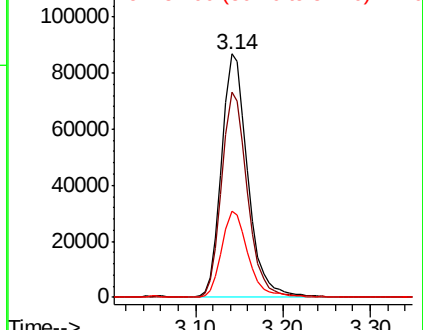
53 100

52 82.8 66.6 100.0

51 35.5 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 108.328 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009041.D

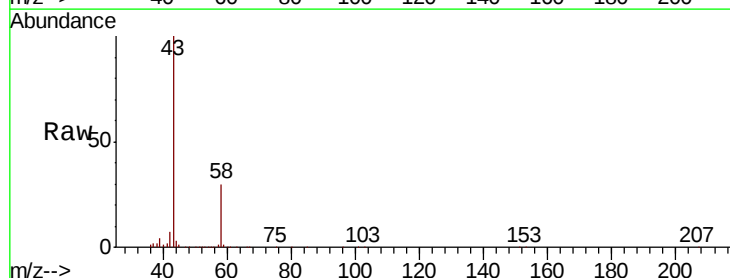
Acq: 18 Apr 2019 14:11

Tgt Ion: 43 Resp: 158852

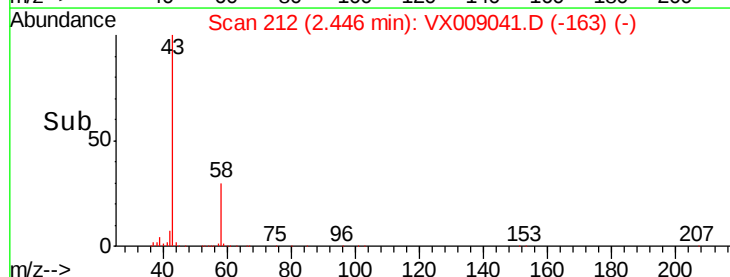
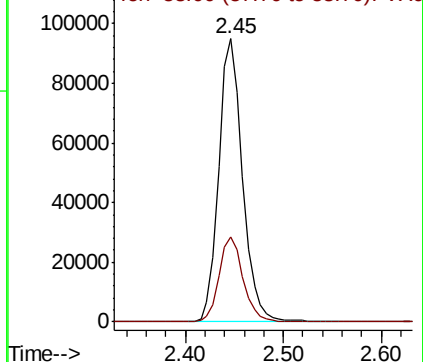
Ion Ratio Lower Upper

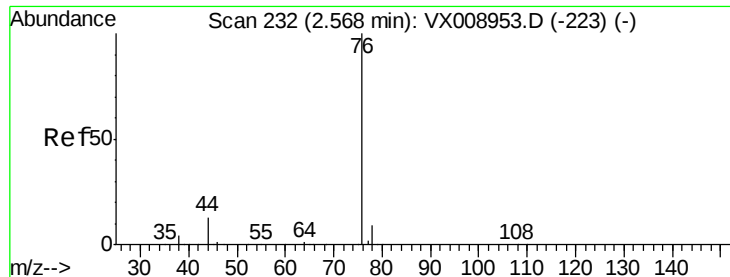
43 100

58 30.2 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

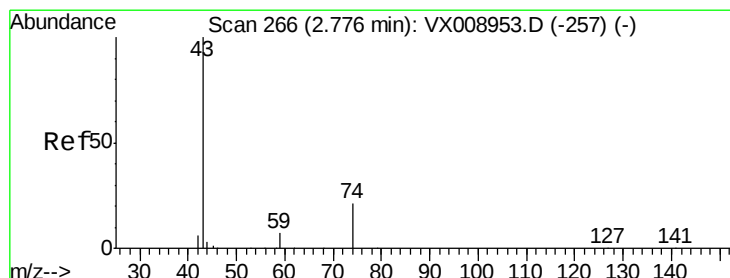
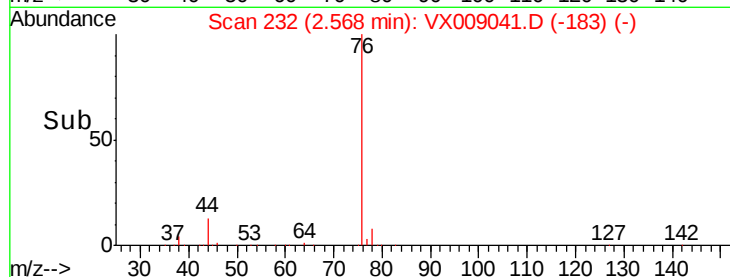
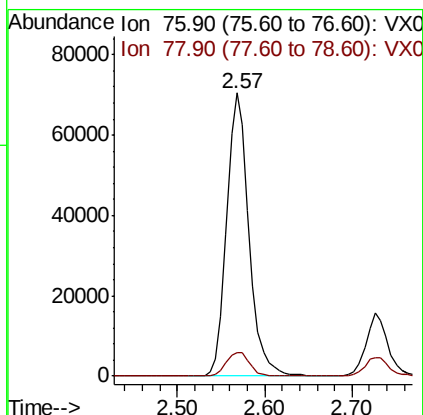
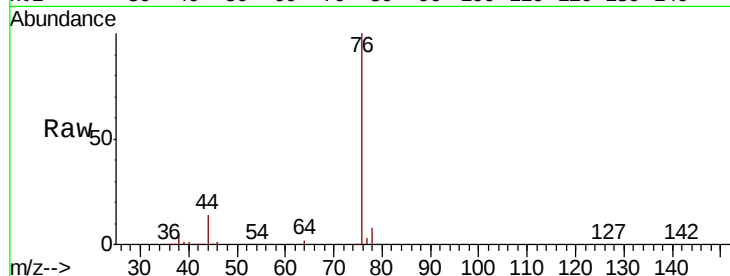




#17
Carbon Disulfide
Concen: 20.396 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

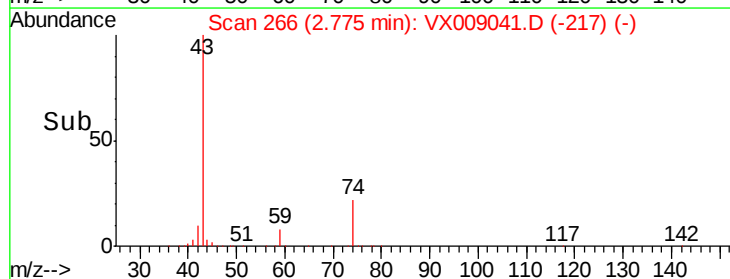
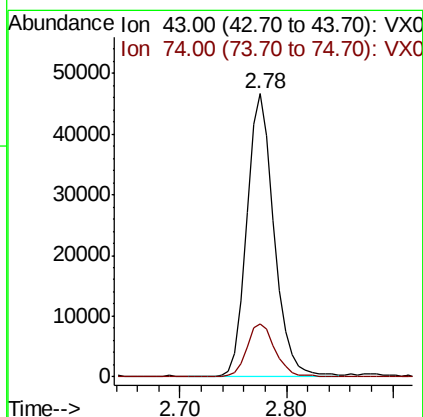
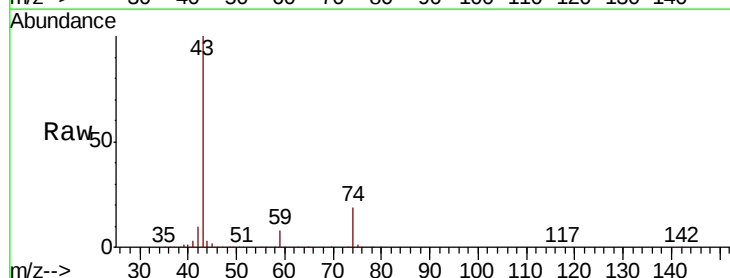
Instrument :
MSVOA_X
ClientSampleId :
VX0418WBSD01

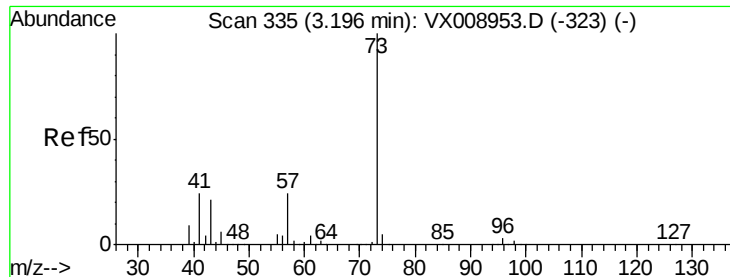
Tot Ion: 76 Resp: 124153
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8



#18
Methyl Acetate
Concen: 22.732 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Tgt Ion: 43 Resp: 83196
Ion Ratio Lower Upper
43 100
74 19.8 16.6 25.0



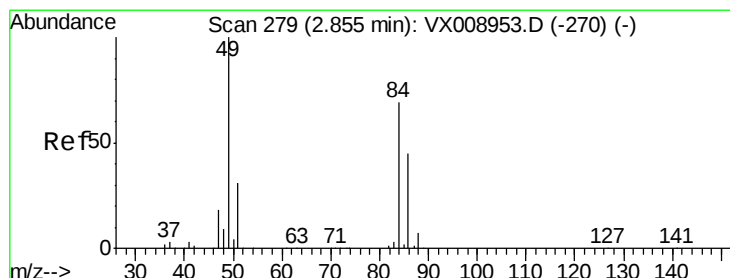
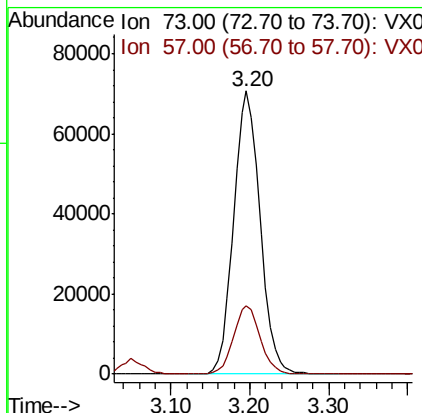
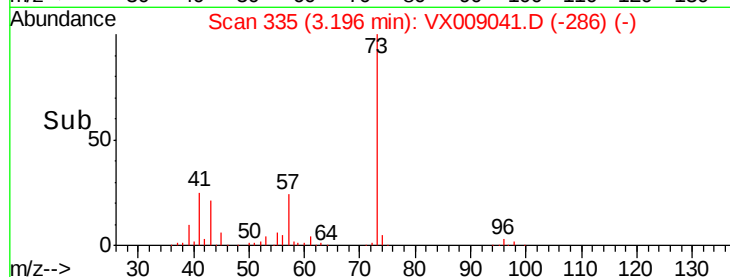
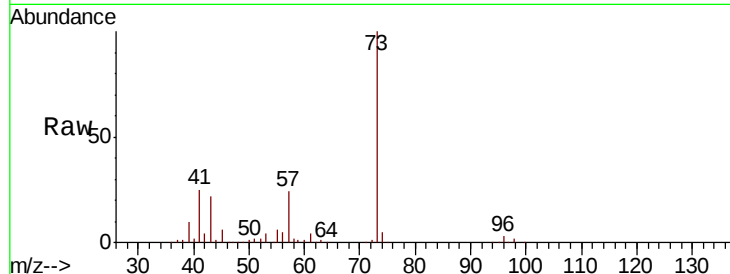


#19

Methvl tert-butvl Ether
 Concen: 21.494 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBSD01

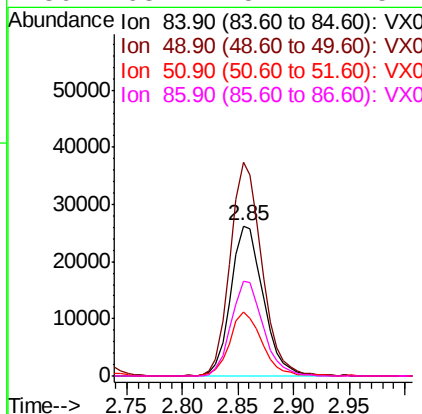
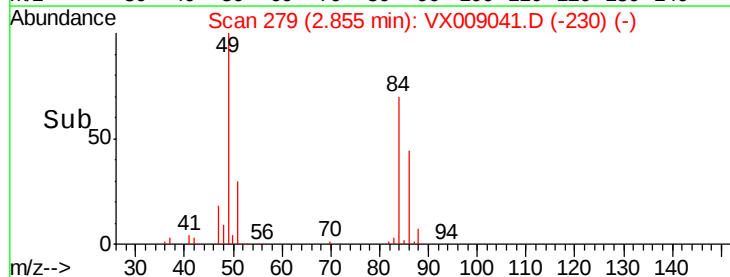
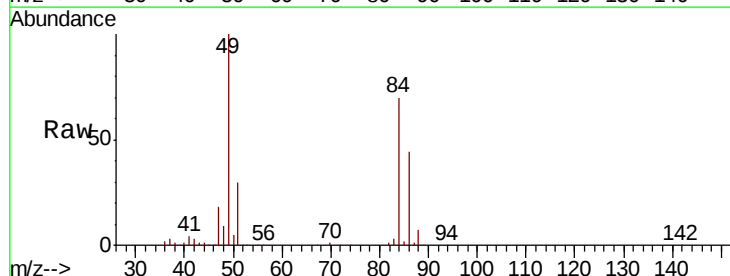
Tot Ion: 73 Resp: 164792
 Ion Ratio Lower Upper
 73 100
 57 24.2 19.2 28.8

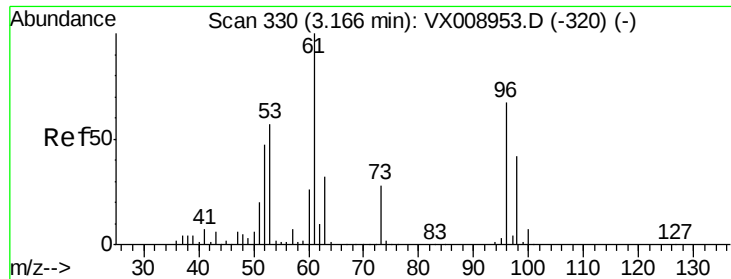


#20

Methylene Chloride
 Concen: 21.165 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Tgt Ion: 84 Resp: 53076
 Ion Ratio Lower Upper
 84 100
 49 142.2 115.4 173.0
 51 42.4 35.8 53.6
 86 63.1 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 20.127 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0418WBSD01

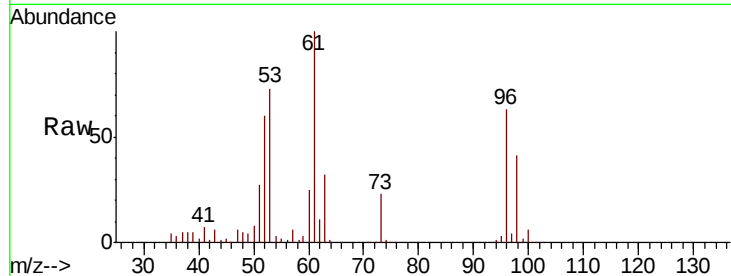
Tot Ion: 96 Resp: 46193

Ion Ratio Lower Upper

96 100

61 158.6 120.3 180.5

98 65.0 50.2 75.2

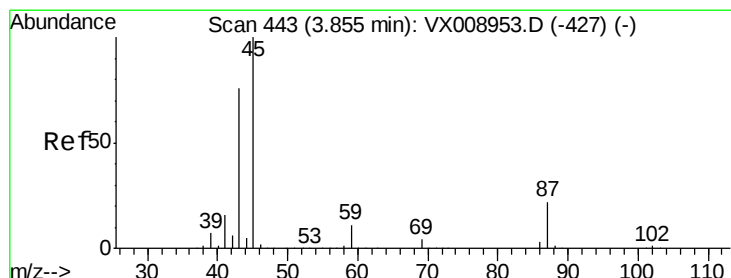
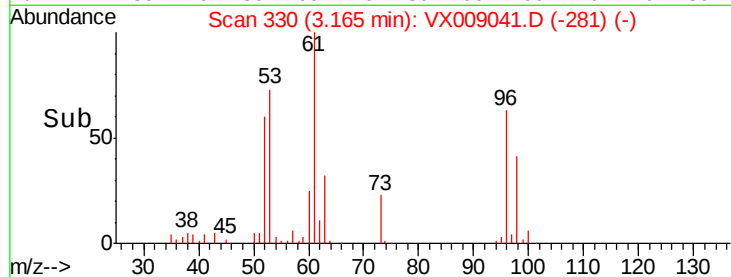
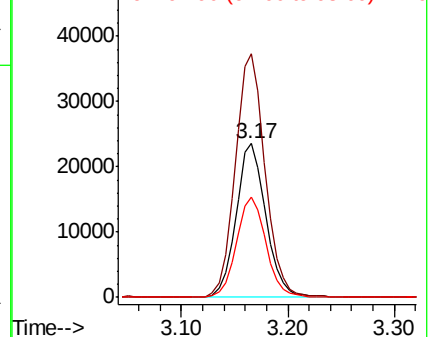


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 22.252 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Tgt Ion: 45 Resp: 202988

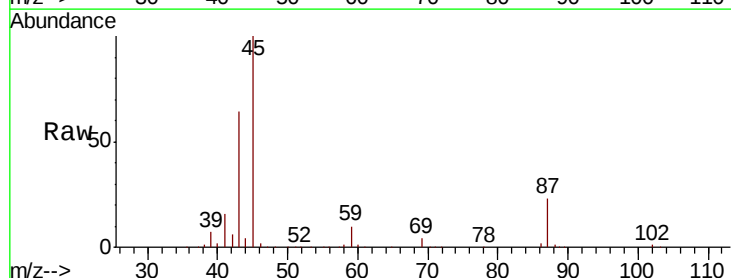
Ion Ratio Lower Upper

45 100

43 64.1 60.6 91.0

87 22.6 17.8 26.8

59 10.5 8.7 13.1



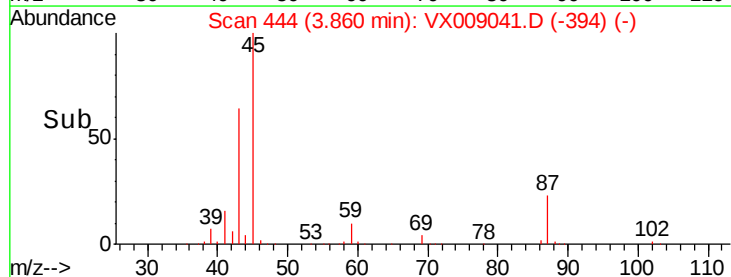
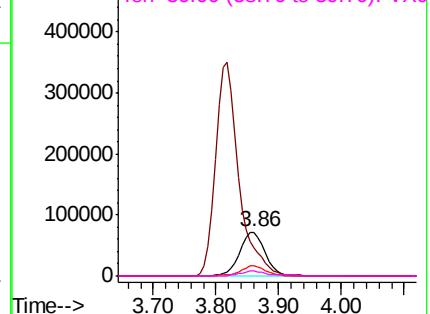
Abundance

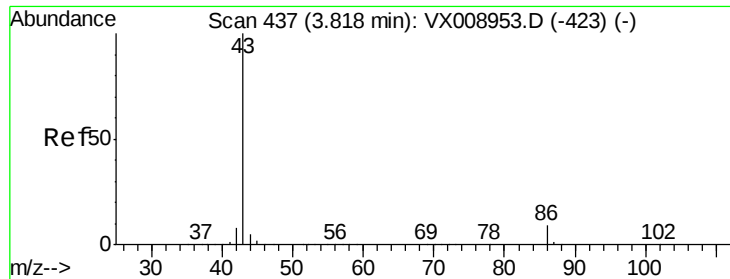
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 112.111 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

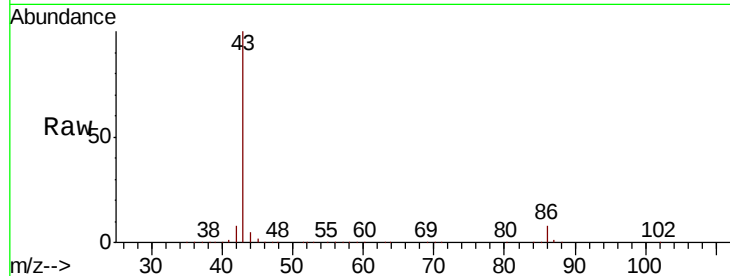
VX0418WBSD01

Tot Ion: 43 Resp: 898985

Ion Ratio Lower Upper

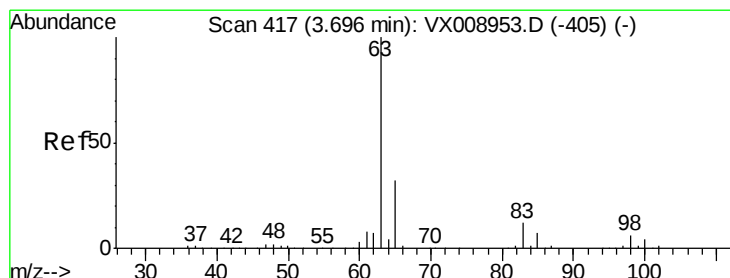
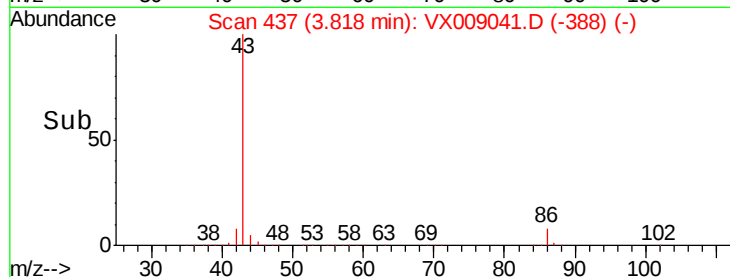
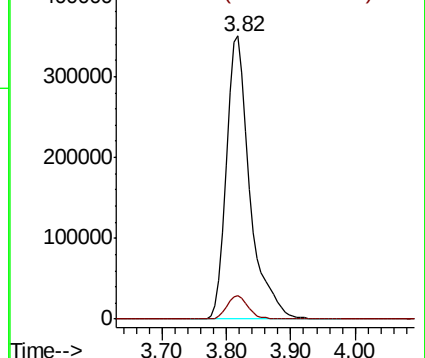
43 100

86 8.5 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.188 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

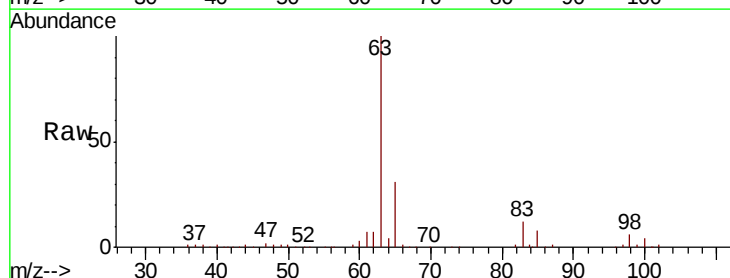
Tgt Ion: 63 Resp: 97023

Ion Ratio Lower Upper

63 100

98 6.1 3.1 9.3

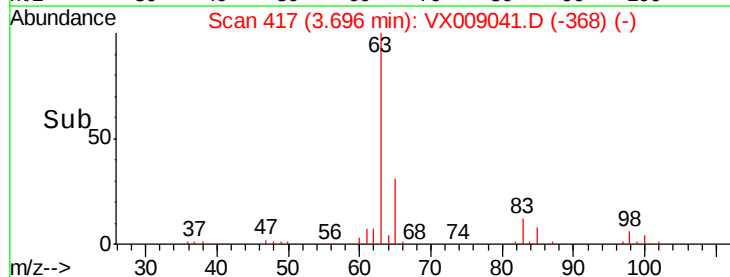
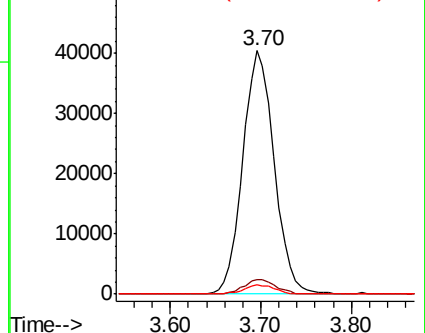
100 3.8 1.9 5.7

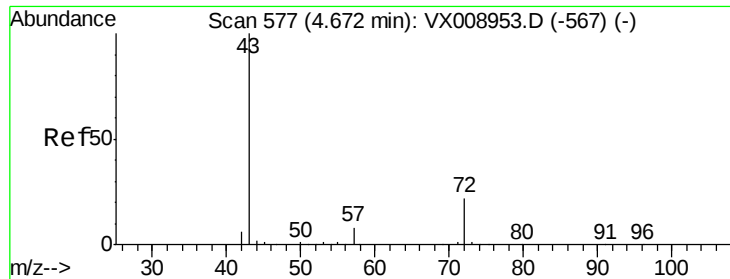


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 115.379 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

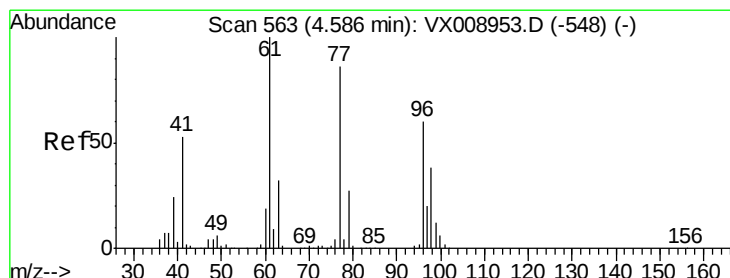
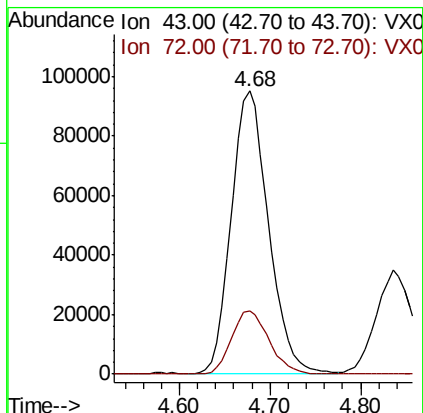
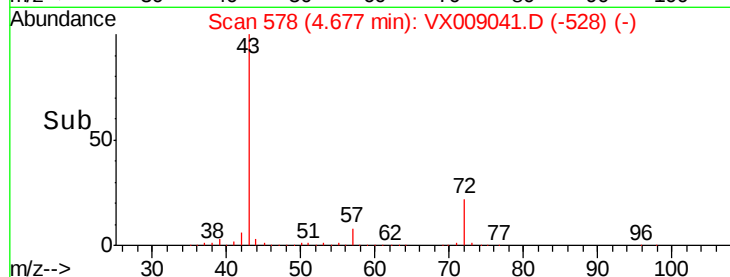
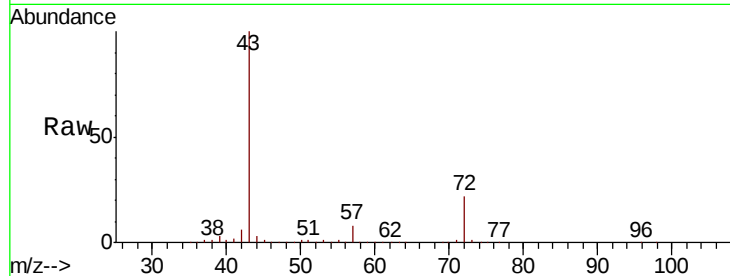
VX0418WBSD01

Tot Ion: 43 Resp: 270440

Ion Ratio Lower Upper

43 100

72 22.1 17.5 26.3



#26

2,2-Dichloropropane

Concen: 18.569 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX009041.D

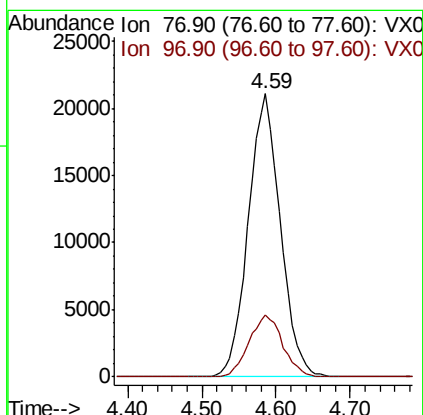
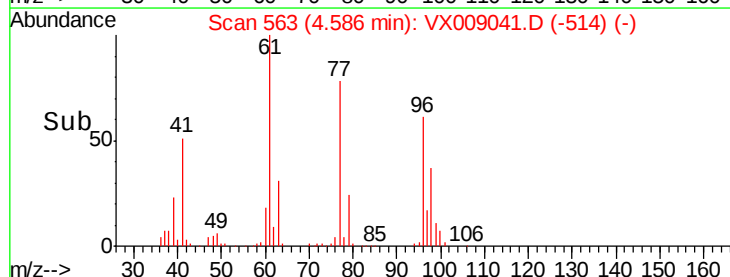
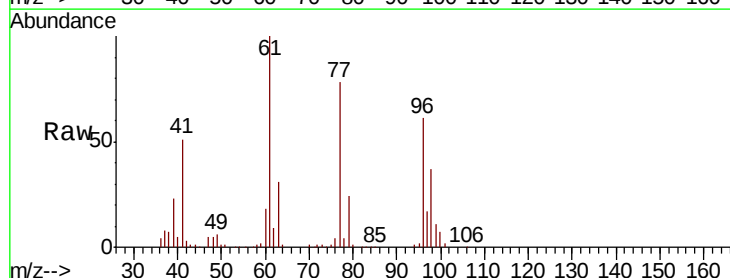
Acq: 18 Apr 2019 14:11

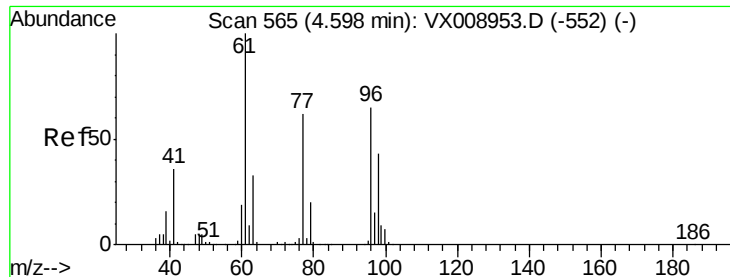
Tgt Ion: 77 Resp: 63737

Ion Ratio Lower Upper

77 100

97 22.9 11.7 35.0



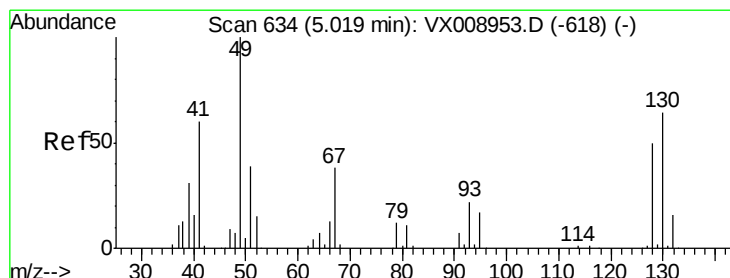
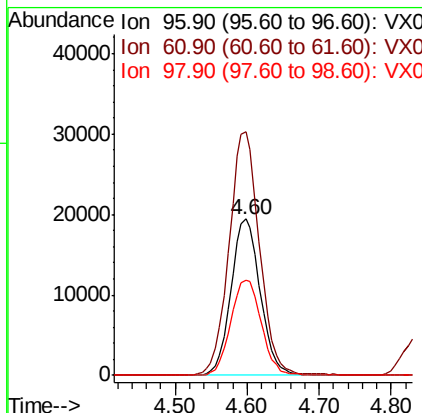
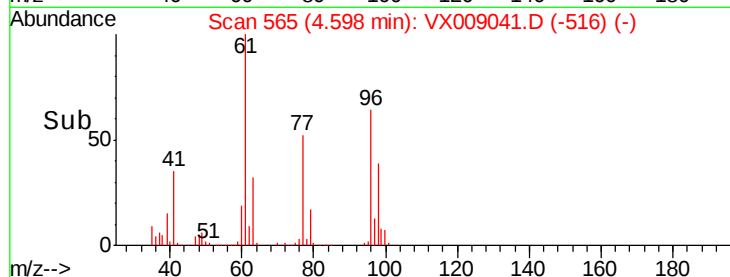
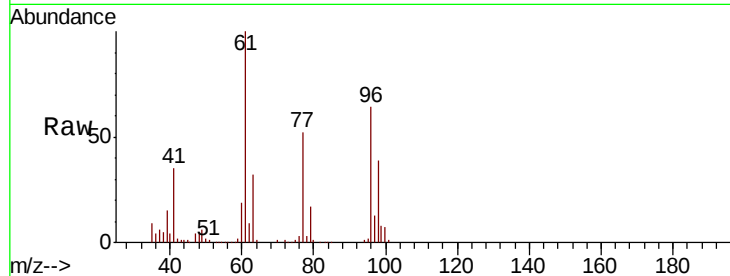


#27

cis-1,2-Dichloroethene
 Concen: 21.147 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBSD01

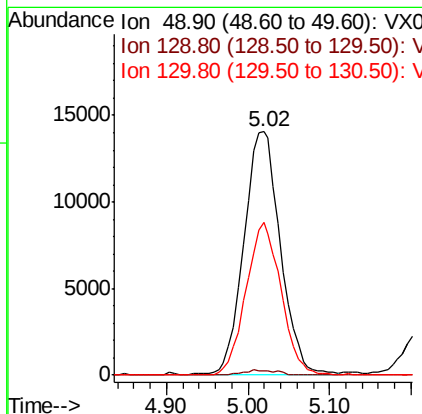
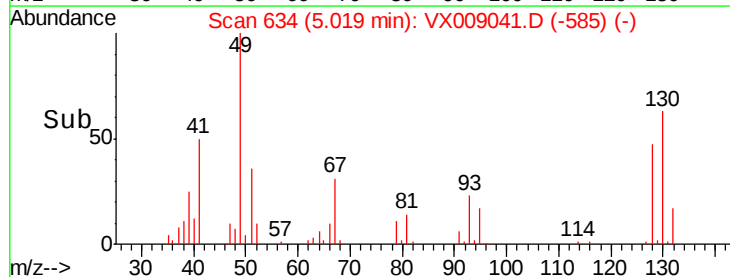
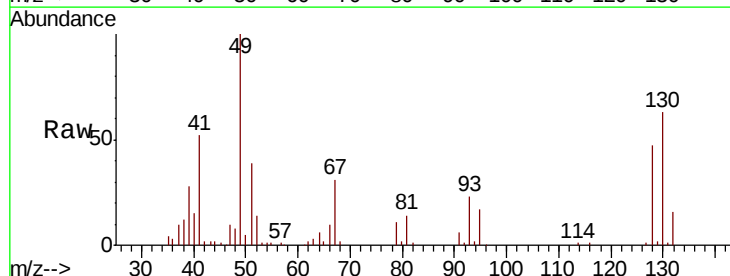
Tot Ion	96	Resp	55104
Ion	Ratio	Lower	Upper
96	100		
61	161.2	0.0	322.0
98	63.8	0.0	128.4

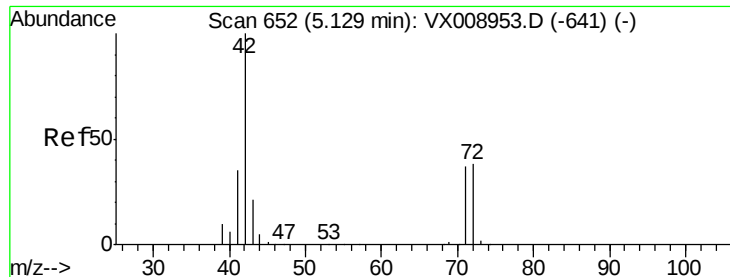


#28

Bromochloromethane
 Concen: 22.012 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Tgt Ion	49	Resp	43921
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	59.9	50.4	75.6





#29

Tetrahydrofuran

Concen: 115.253 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0418WBSD01

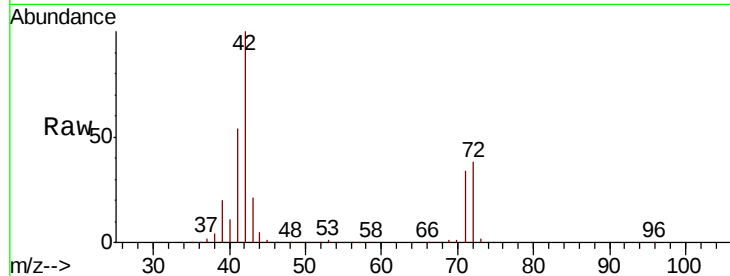
Tot Ion: 42 Resp: 180813

Ion Ratio Lower Upper

42 100

72 37.7 30.6 45.8

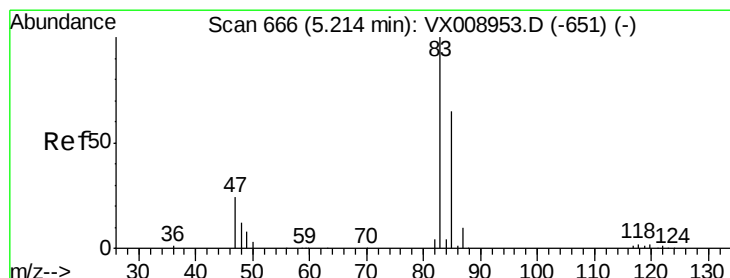
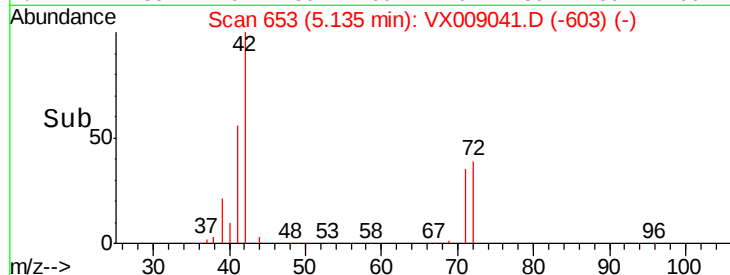
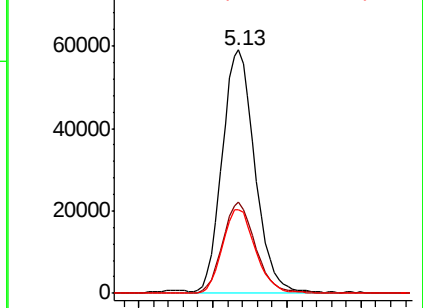
71 35.0 28.8 43.2



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 21.516 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX009041.D

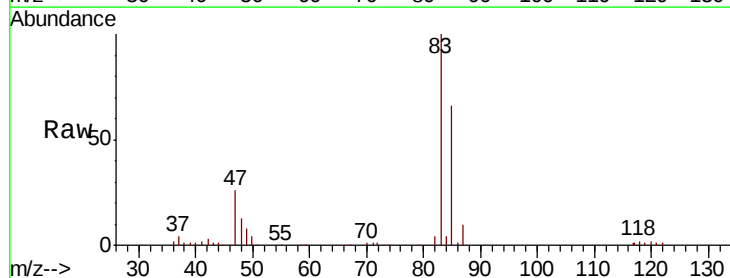
Acq: 18 Apr 2019 14:11

Tgt Ion: 83 Resp: 88167

Ion Ratio Lower Upper

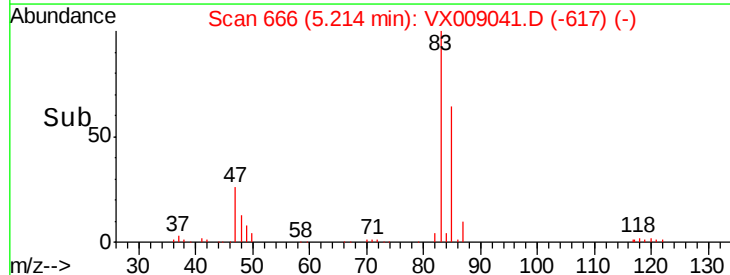
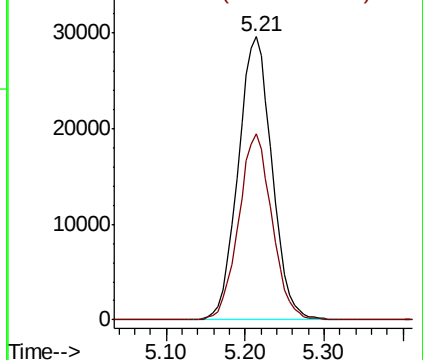
83 100

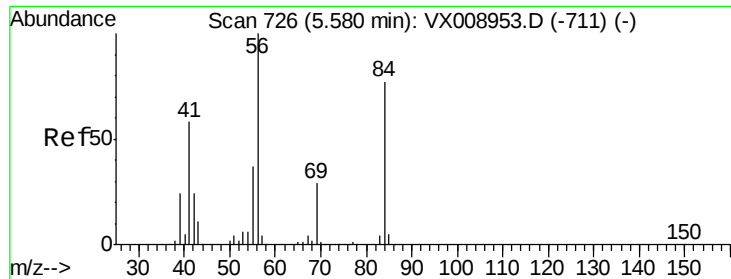
85 65.9 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

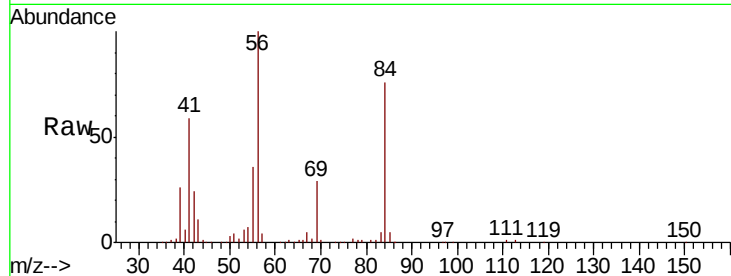




#31
Cyclohexane
Concen: 20.724 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0418WBSD01

Tot Ion	56	Resp	93338
Ion Ratio	Lower	Upper	
56	100		
69	28.7	23.3	34.9
84	75.1	61.7	92.5

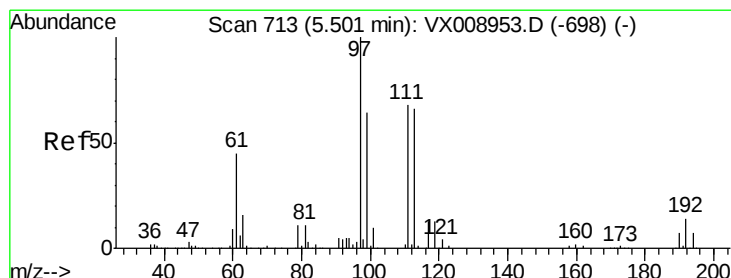
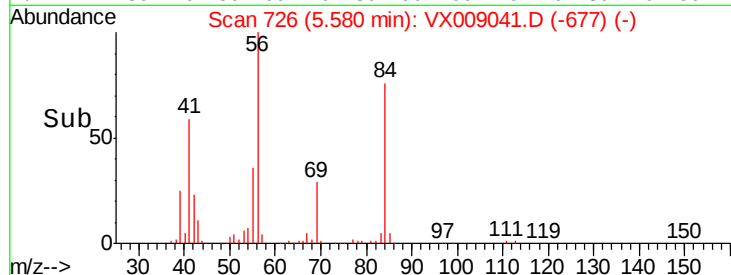
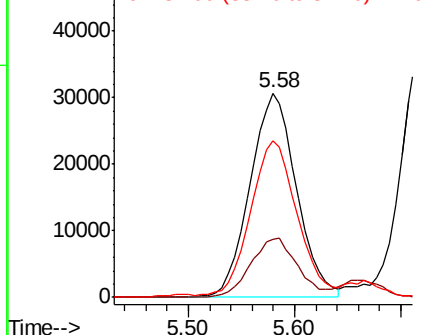


Abundance

Ion 56.00 (55.70 to 56.70): VX0

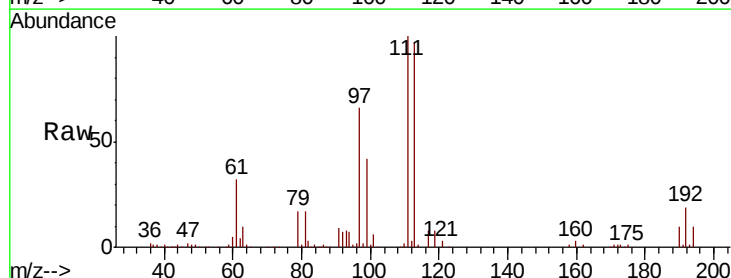
Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32
1,1,1-Trichloroethane
Concen: 21.315 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Tgt Ion	97	Resp	72390
Ion Ratio	Lower	Upper	
97	100		
99	64.1	51.6	77.4
61	48.7	37.9	56.9

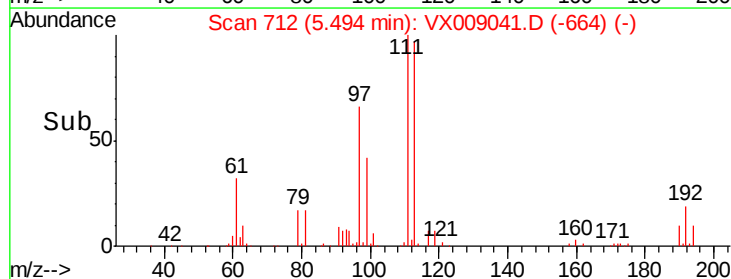
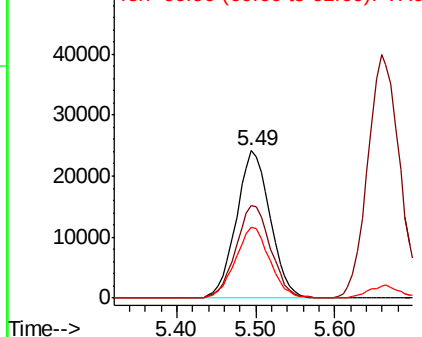


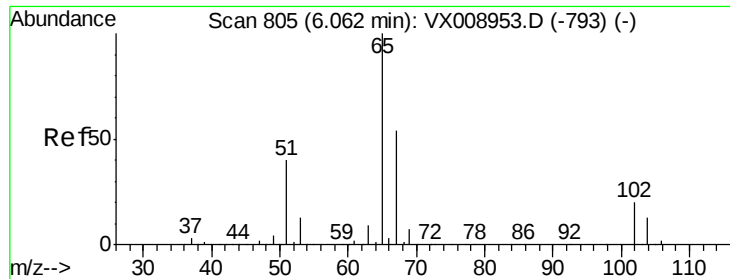
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.781 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

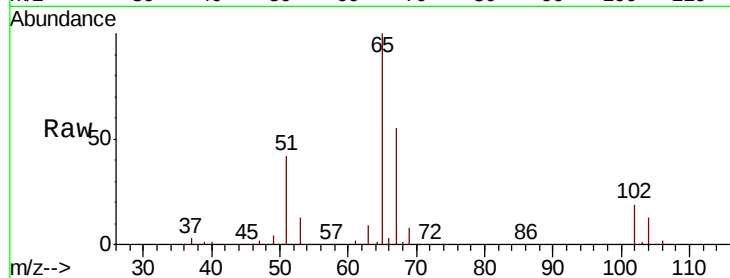
VX0418WBSD01

Tot Ion: 65 Resp: 143596

Ion Ratio Lower Upper

65 100

67 54.4 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

30000

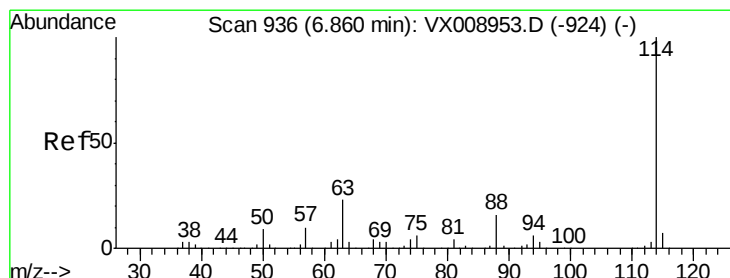
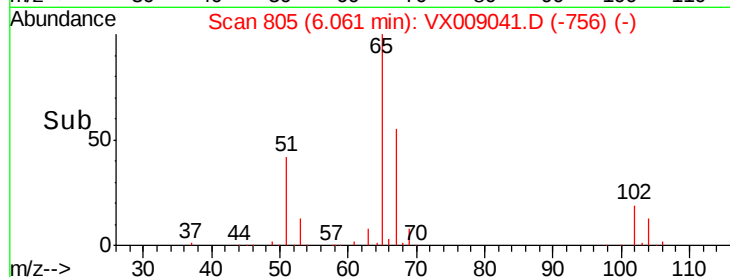
20000

10000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

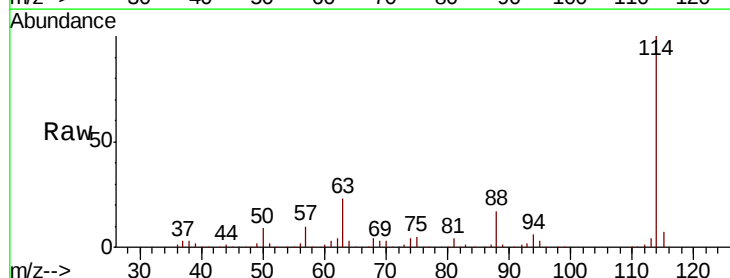
Tgt Ion: 114 Resp: 333335

Ion Ratio Lower Upper

114 100

63 23.0 0.0 46.0

88 16.6 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

150000

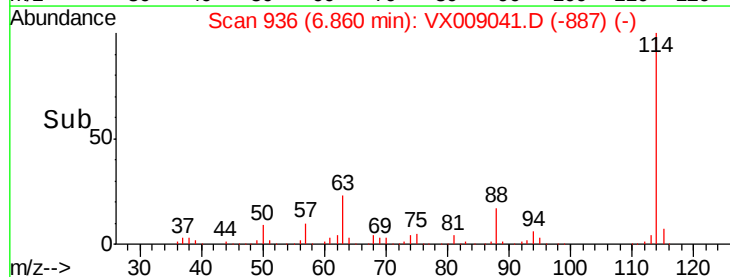
100000

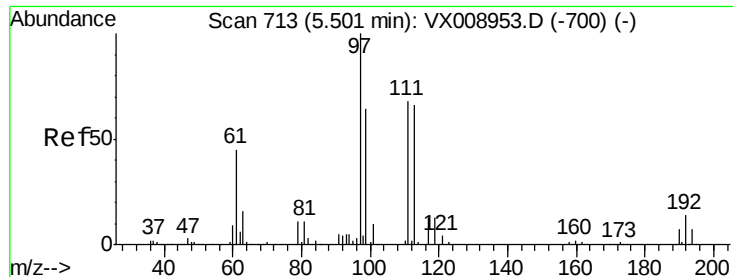
50000

0

Time-->

6.70 6.80 6.90 7.00

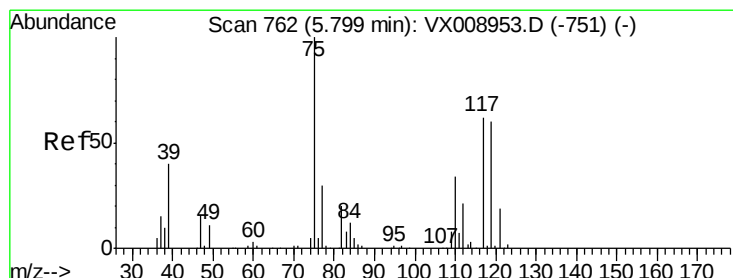
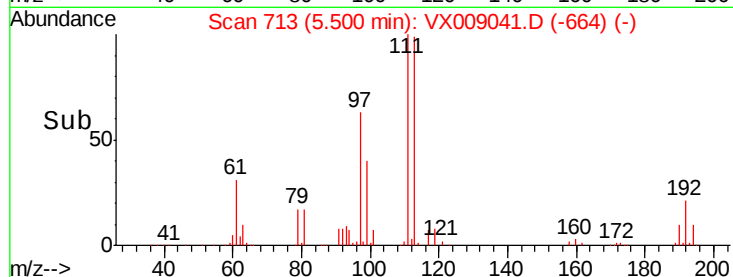
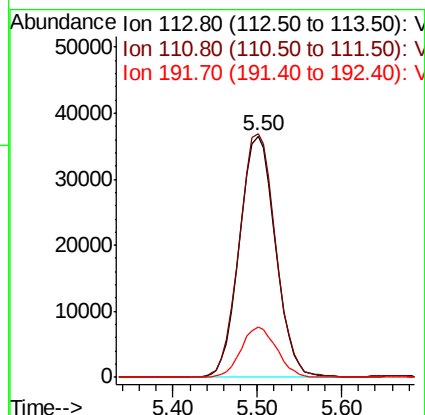
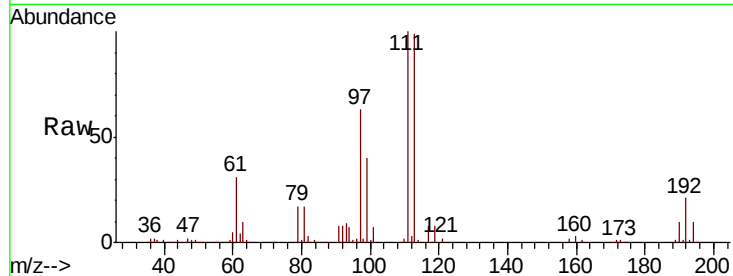




#35
 Dibromofluoromethane
 Concen: 49.429 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

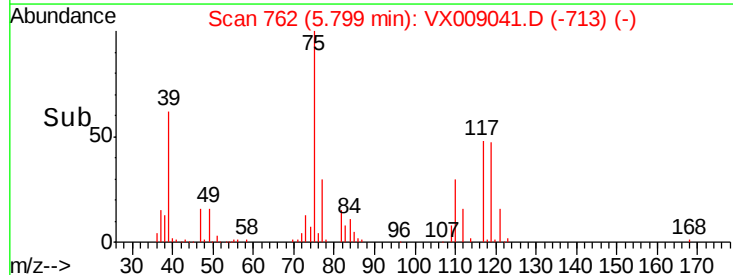
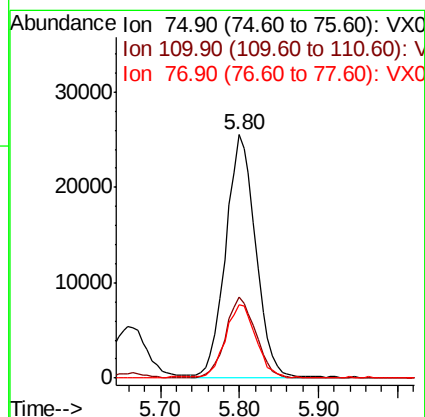
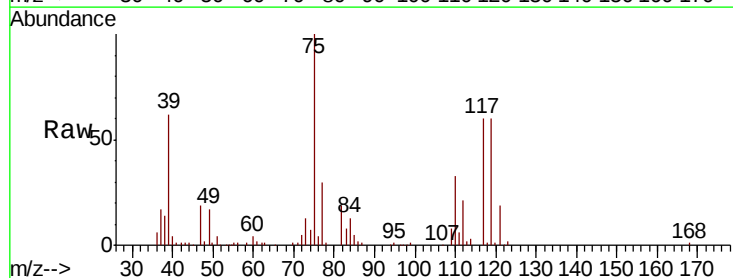
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBSD01

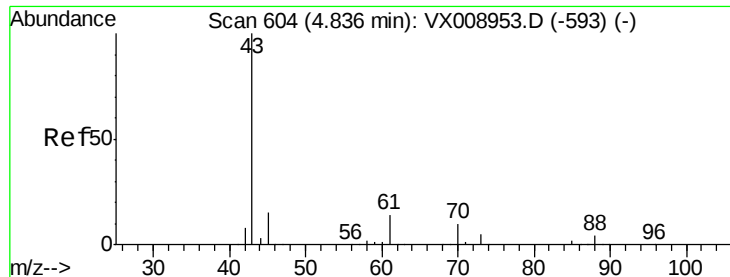
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.9	124.3
192	20.6	17.4	26.0



#36
 1,1-Dichloropropene
 Concen: 19.438 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.9	16.9	50.7
77	31.3	25.0	37.4





#37

Ethyl Acetate

Concen: 22.655 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0418WBSD01

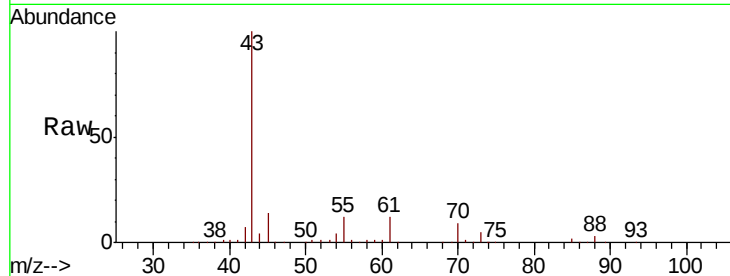
Tot Ion: 43 Resp: 100500

Ion Ratio Lower Upper

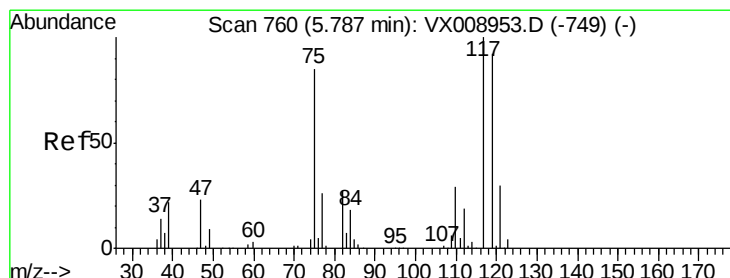
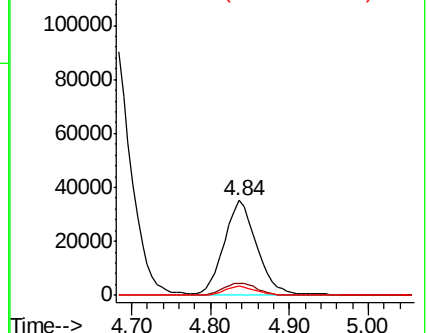
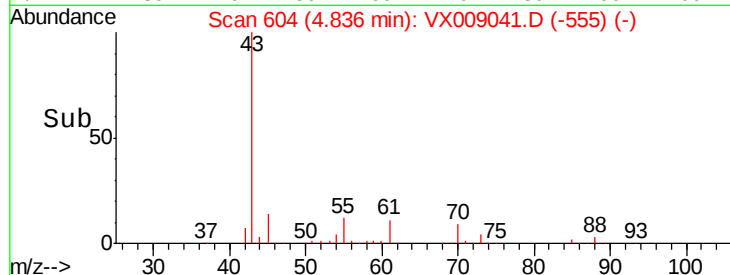
43 100

61 14.0 10.6 15.8

70 9.5 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX009041.D (-555) (-)



#38

Carbon Tetrachloride

Concen: 20.095 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

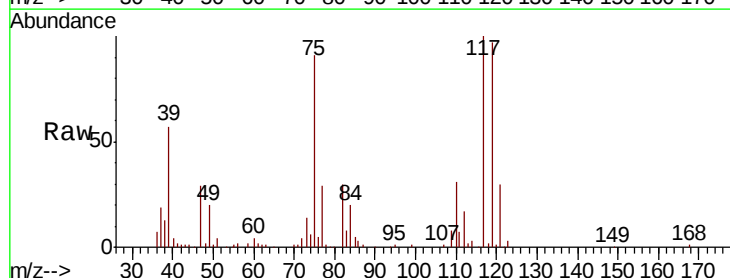
Tgt Ion: 117 Resp: 58729

Ion Ratio Lower Upper

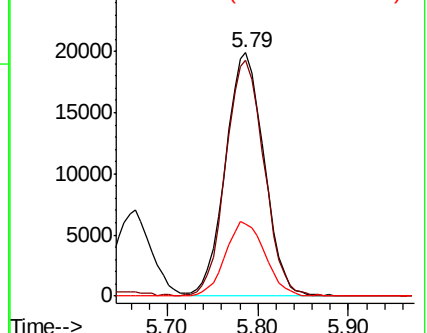
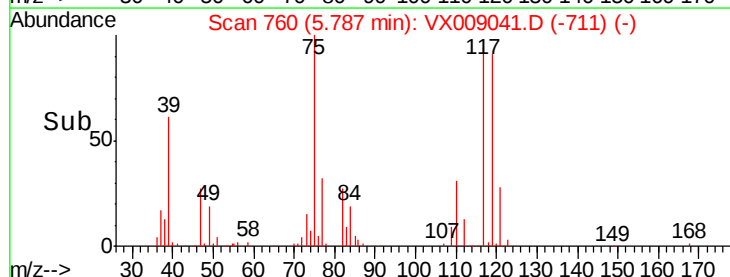
117 100

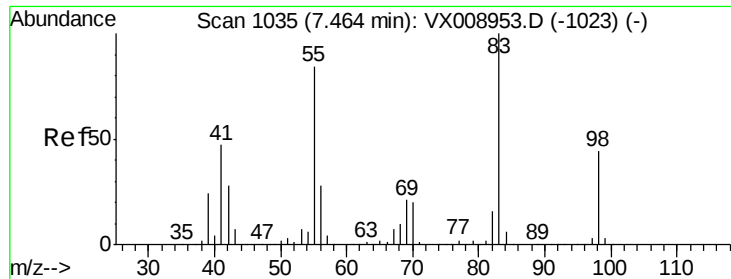
119 96.9 73.8 110.8

121 29.6 23.6 35.4



Abundance Ion 116.80 (116.50 to 117.50): VX009041.D (-711) (-)

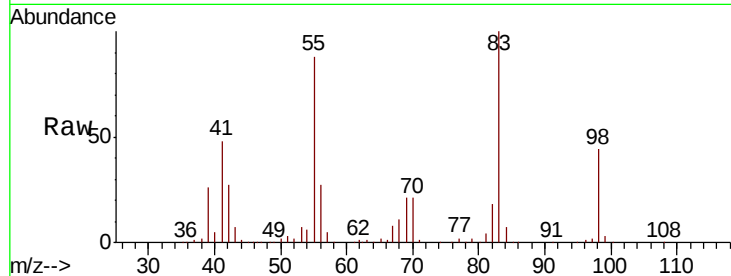




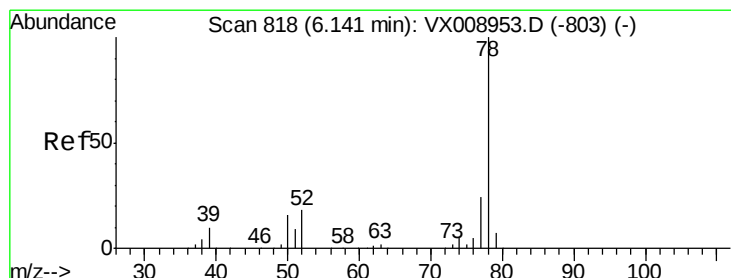
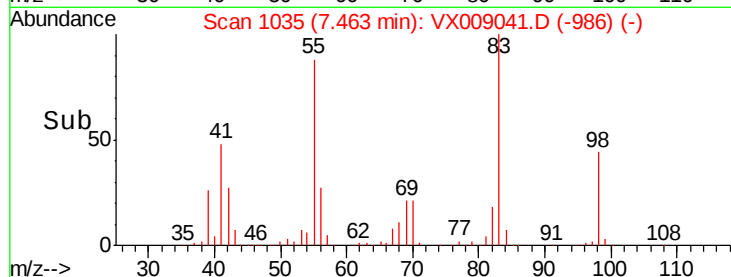
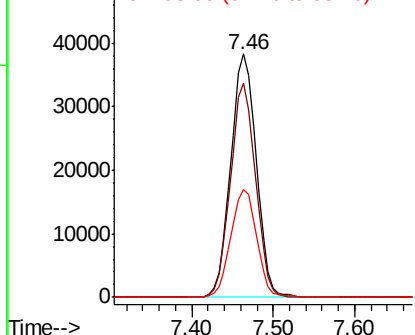
#39
Methvlcvclohexane
Concen: 19.708 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0418WBSD01

Tot Ion: 83 Resp: 82720
Ion Ratio Lower Upper
83 100
55 87.8 67.1 100.7
98 44.3 35.1 52.7

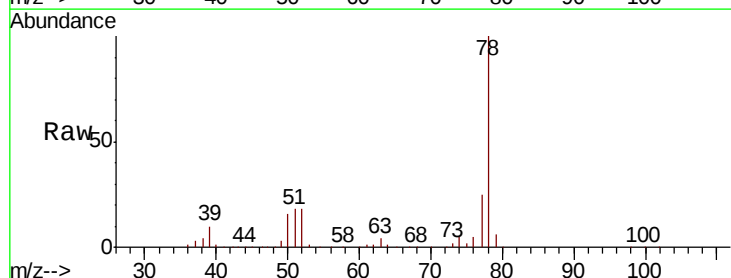


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

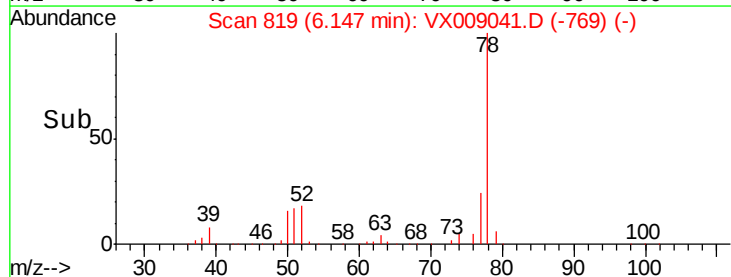
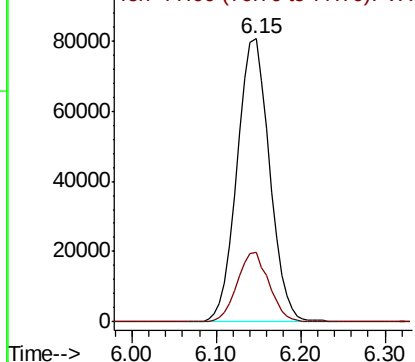


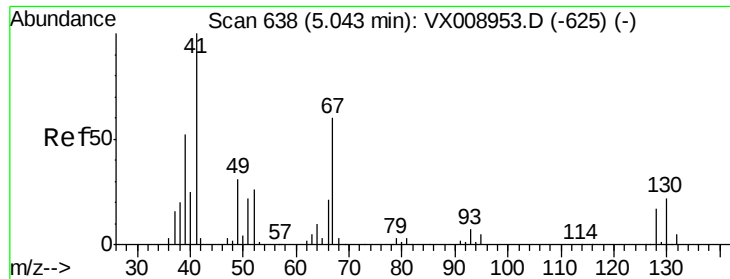
#40
Benzene
Concen: 20.688 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Tgt Ion: 78 Resp: 210403
Ion Ratio Lower Upper
78 100
77 24.8 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

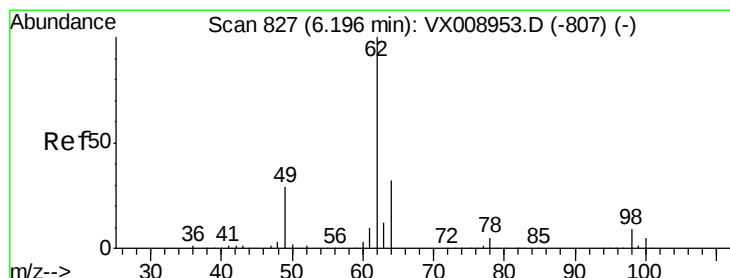
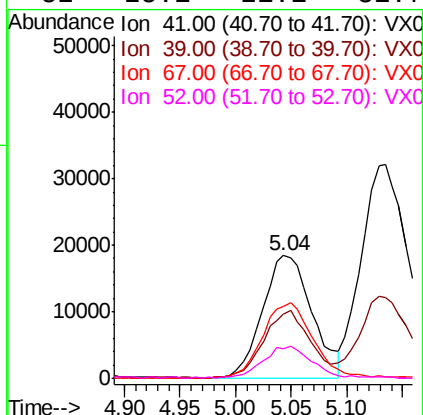
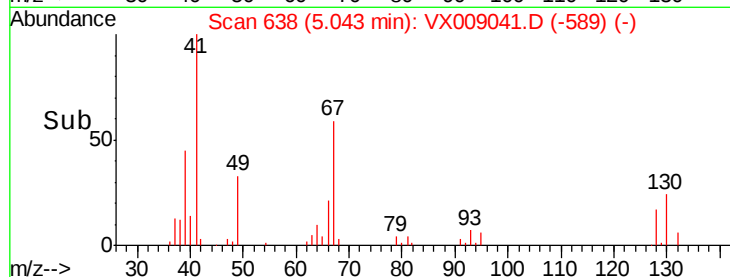
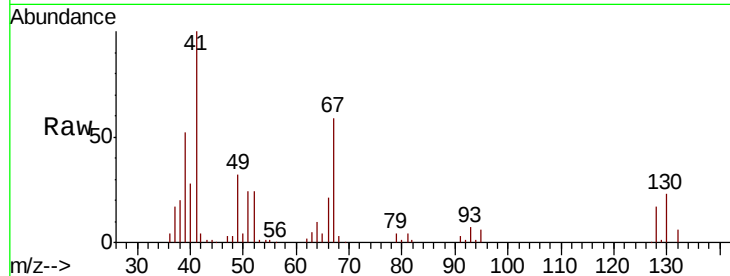




#41
Methacrylonitrile
Concen: 22.376 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

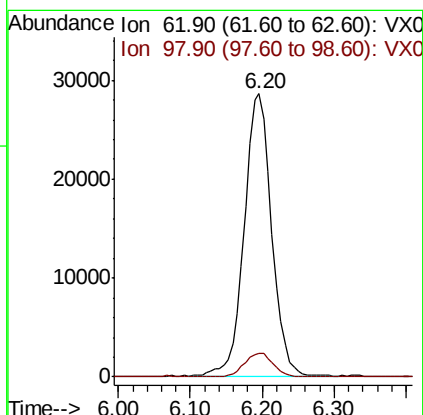
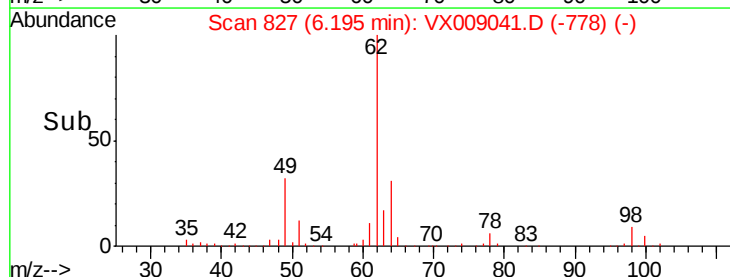
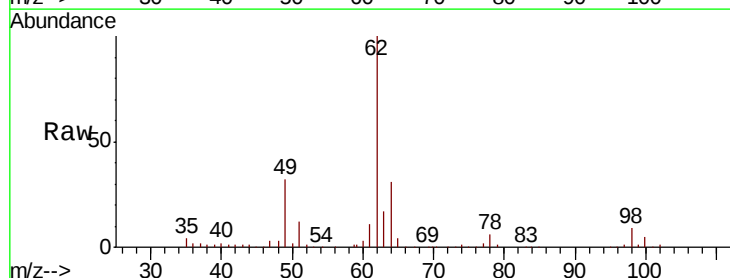
Instrument :
MSVOA_X
ClientSampleId :
VX0418WBSD01

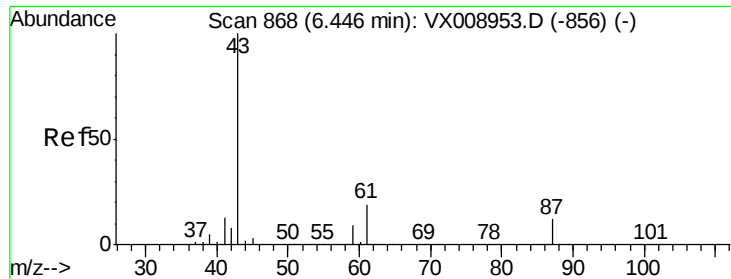
Tot Ion:	41	Resp:	56968
Ion	Ratio	Lower	Upper
41	100		
39	51.2	41.8	62.6
67	63.0	50.2	75.4
52	25.1	21.1	31.7



#42
1,2-Dichloroethane
Concen: 20.844 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Tgt Ion:	62	Resp:	75095
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.4



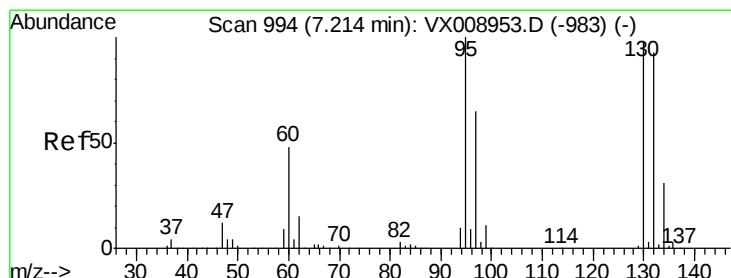
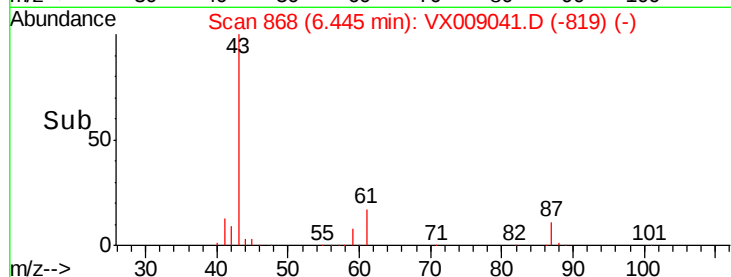
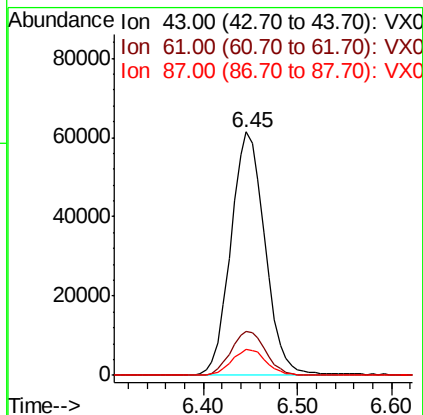
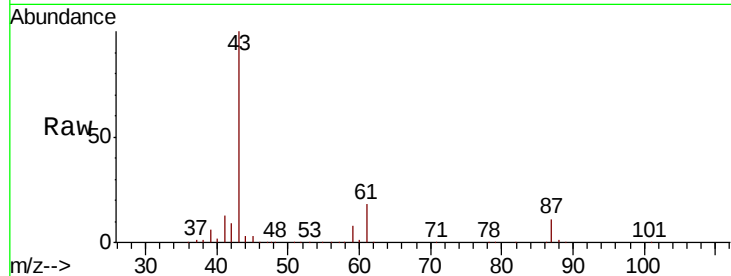


#43

Isopropyl Acetate
 Concen: 21.587 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBSD01

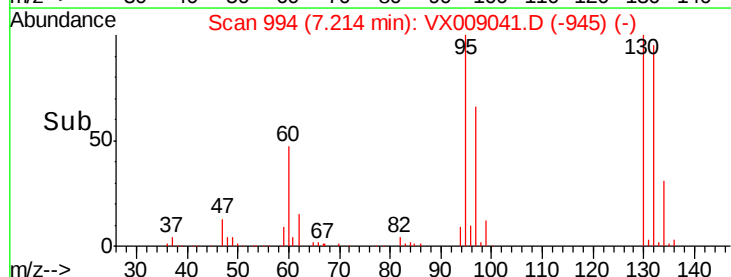
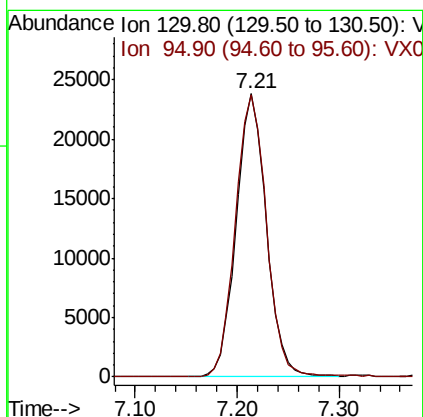
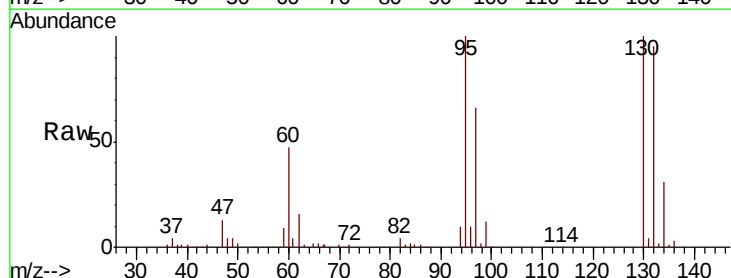
Tot Ion: 43 Resp: 154318
 Ion Ratio Lower Upper
 43 100
 61 18.9 15.4 23.0
 87 10.9 9.0 13.4

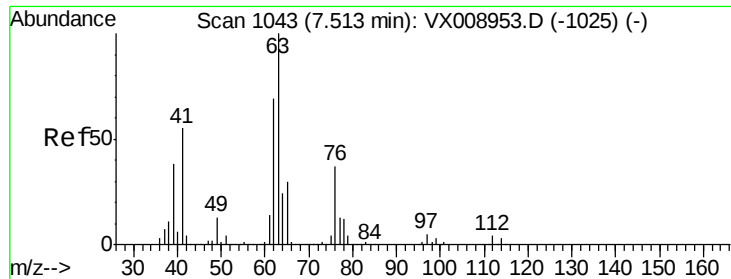


#44

Trichloroethene
 Concen: 19.696 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Tgt Ion: 130 Resp: 49080
 Ion Ratio Lower Upper
 130 100
 95 99.6 0.0 203.2

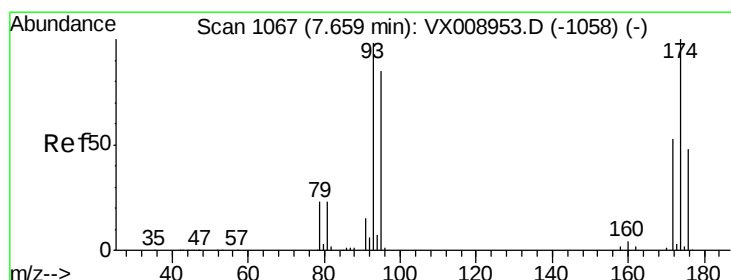
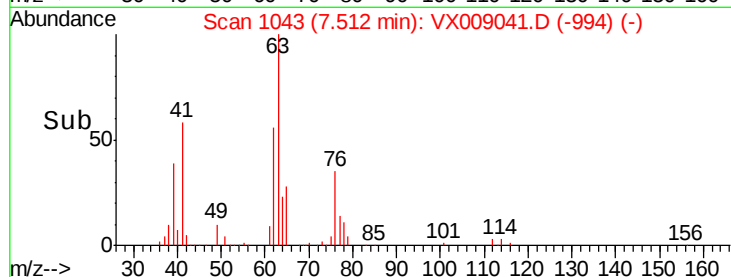
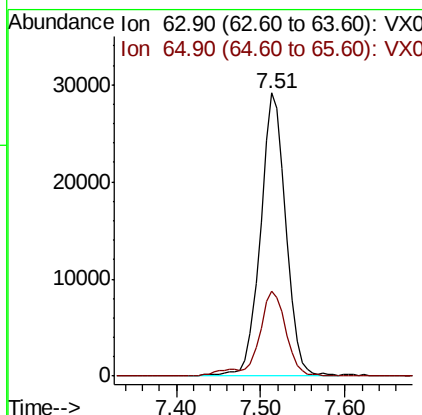
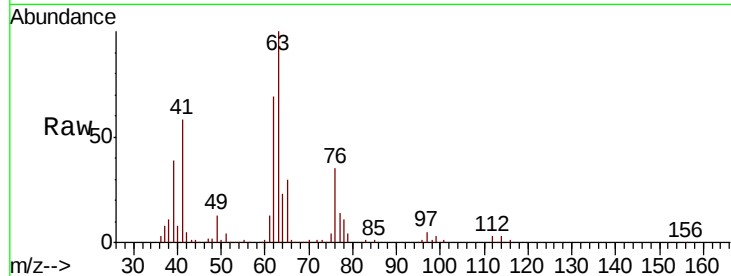




#45
 1,2-Dichloropropane
 Concen: 21.449 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

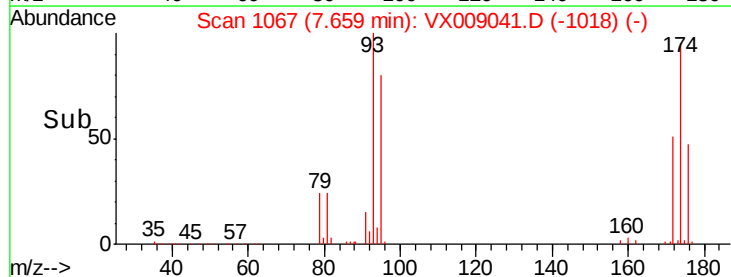
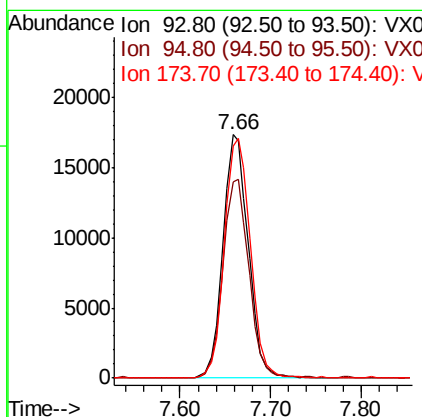
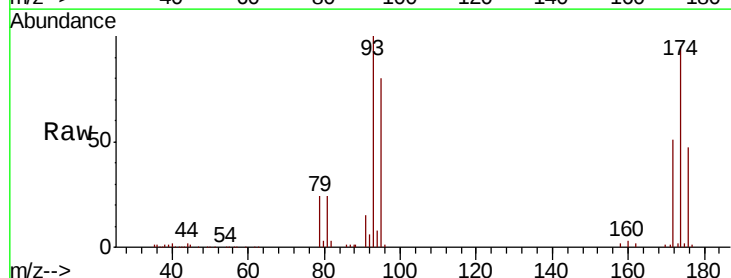
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBSD01

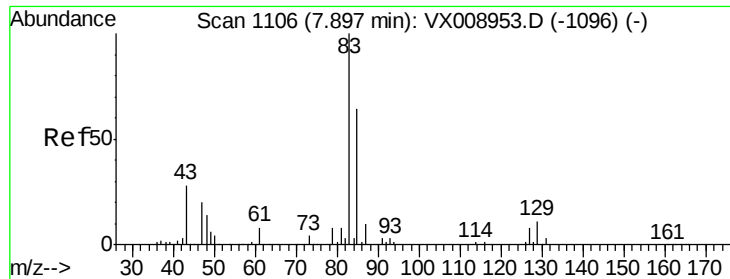
Tot Ion: 63 Resp: 60516
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.1 36.1



#46
 Dibromomethane
 Concen: 20.550 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Tgt Ion: 93 Resp: 33744
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.0 100.4
 174 100.9 81.6 122.4

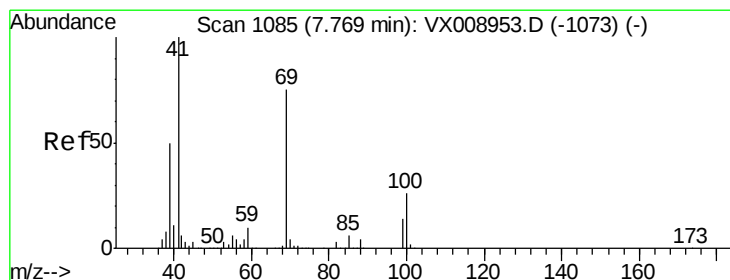
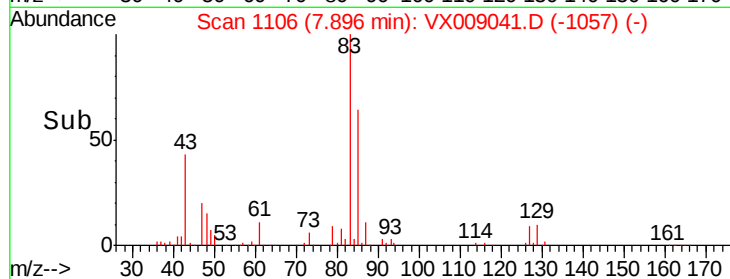
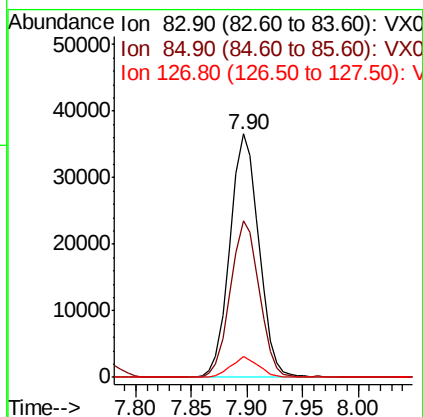
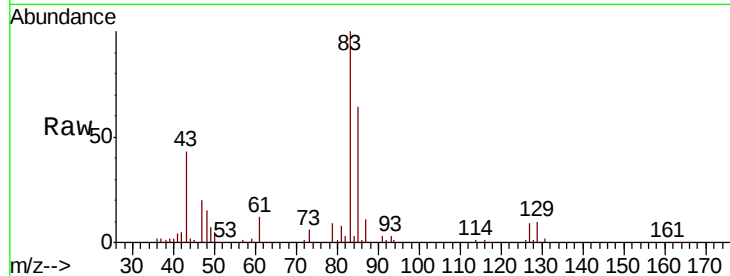




#47
 Bromodichloromethane
 Concen: 20.456 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

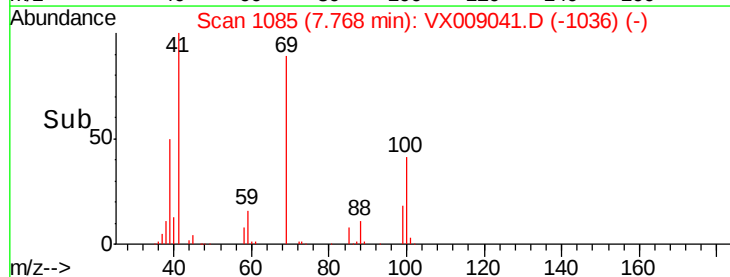
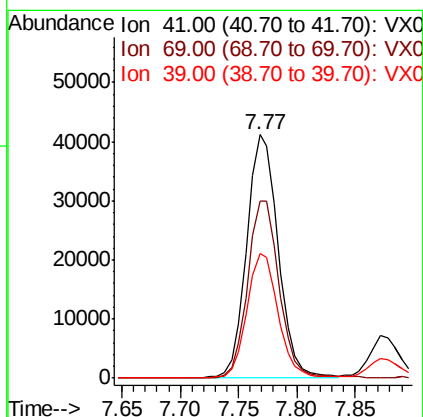
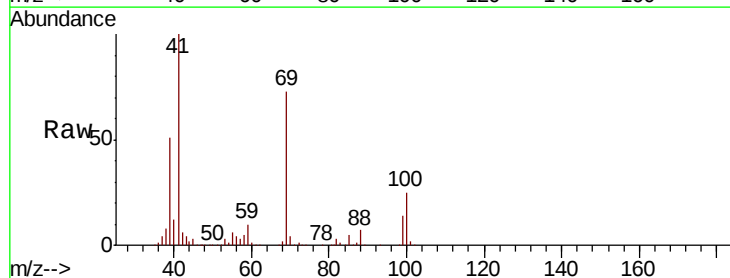
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBSD01

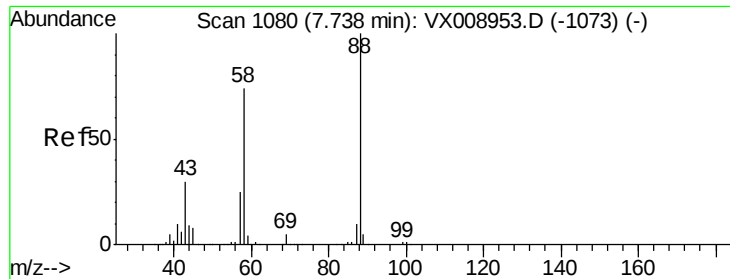
Tot Ion: 83 Resp: 65880
 Ion Ratio Lower Upper
 83 100
 85 64.1 50.8 76.2
 127 8.6 6.4 9.6



#48
 Methyl methacrylate
 Concen: 21.985 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Tgt Ion: 41 Resp: 77656
 Ion Ratio Lower Upper
 41 100
 69 73.4 59.4 89.2
 39 51.3 39.8 59.6

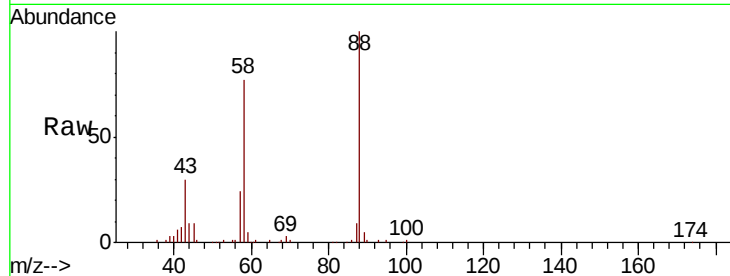




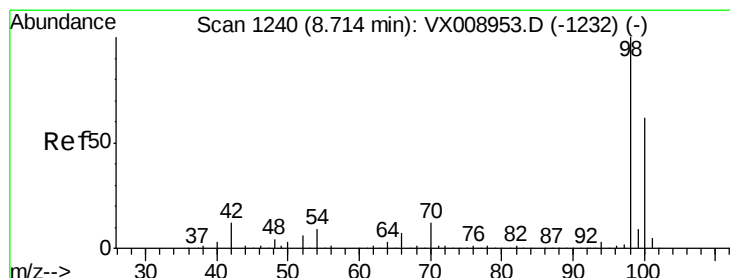
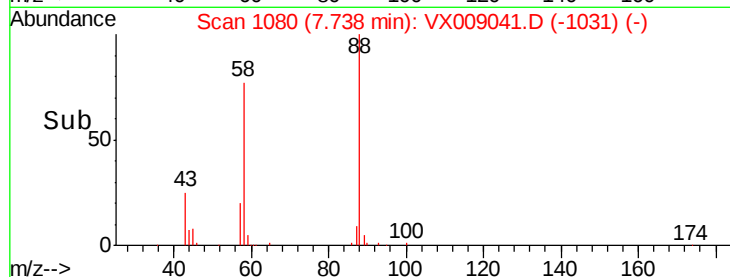
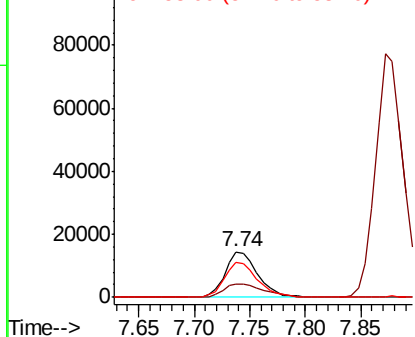
#49
1,4-Dioxane
Concen: 442.474 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0418WBSD01

Tot Ion: 88 Resp: 29253
Ion Ratio Lower Upper
88 100
43 35.9 29.3 43.9
58 79.3 62.6 93.8

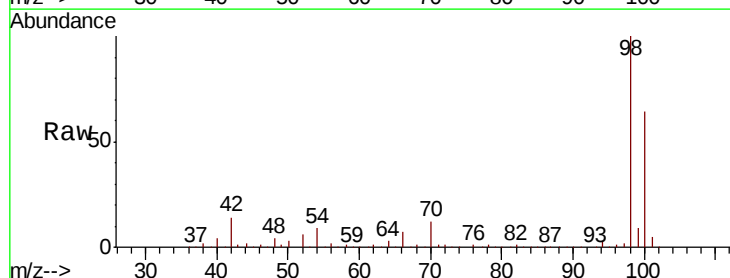


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

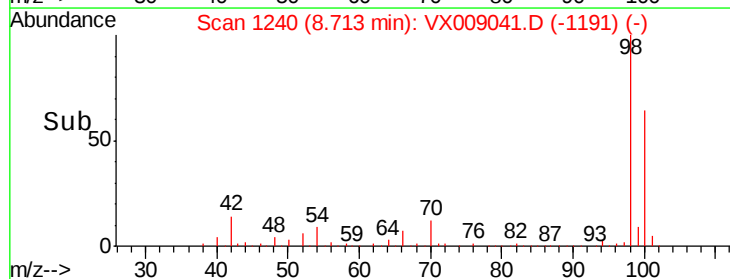
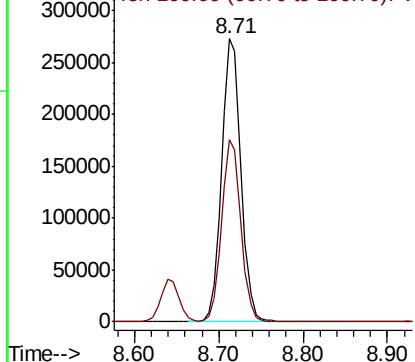


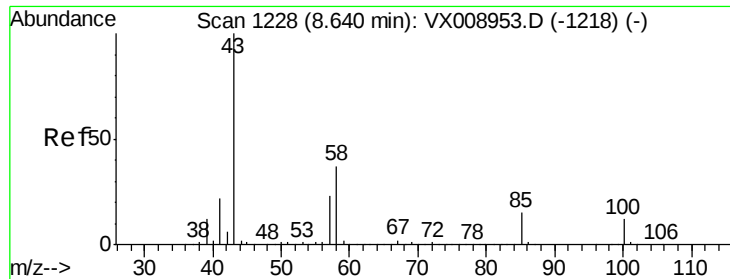
#50
Toluene-d8
Concen: 50.060 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Tgt Ion: 98 Resp: 427088
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 114.120 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

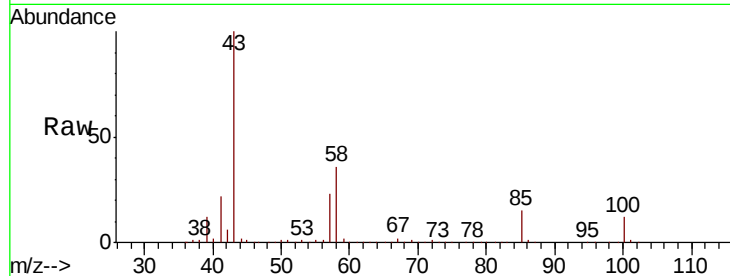
VX0418WBSD01

Tot Ion: 43 Resp: 519729

Ion Ratio Lower Upper

43 100

58 36.7 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

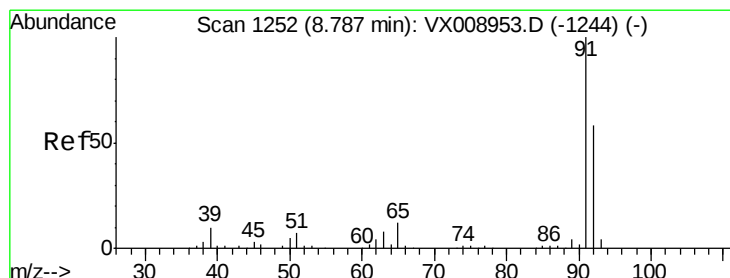
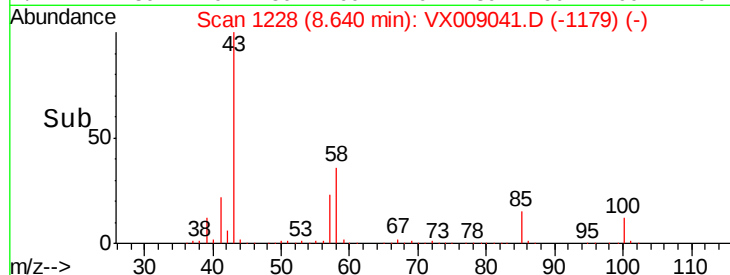
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 20.671 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009041.D

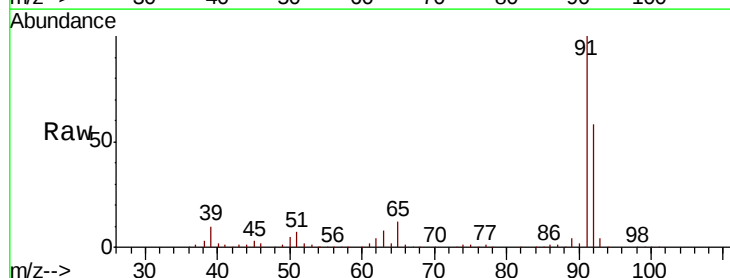
Acq: 18 Apr 2019 14:11

Tgt Ion: 92 Resp: 125990

Ion Ratio Lower Upper

92 100

91 172.2 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

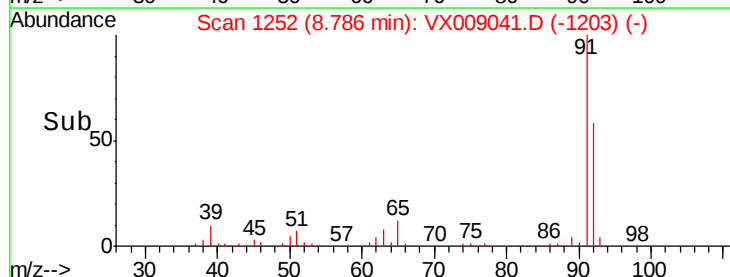
150000

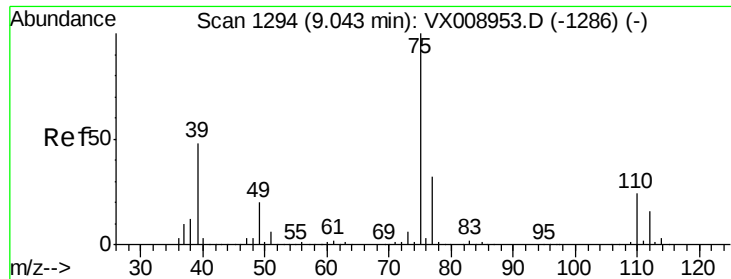
100000

50000

0

Time-->

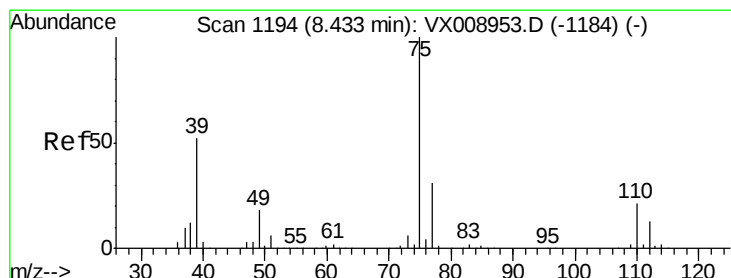
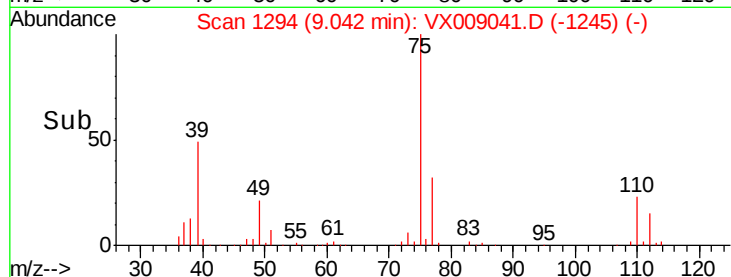
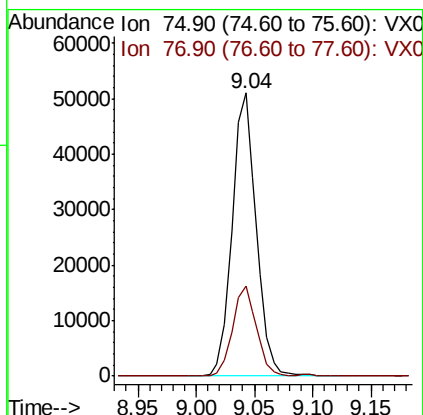
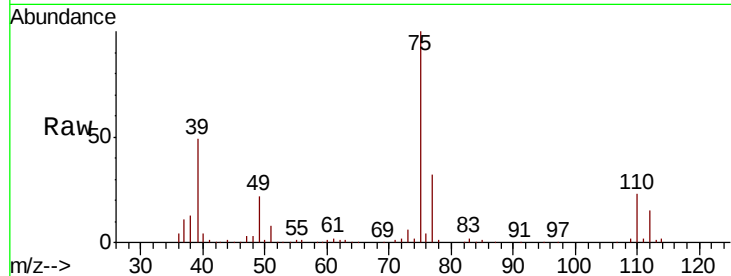




#53
t-1,3-Dichloropropene
Concen: 19.834 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

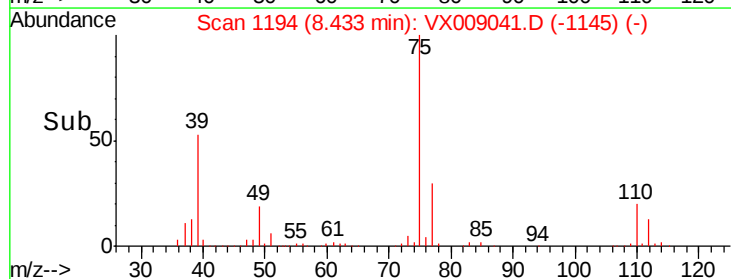
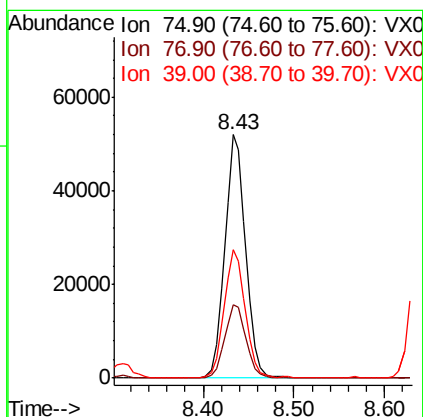
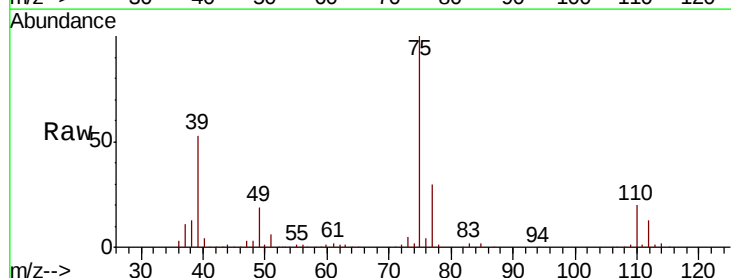
Instrument :
MSVOA_X
ClientSampleId :
VX0418WBSD01

Tot Ion: 75 Resp: 73514
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 20.167 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Tgt Ion: 75 Resp: 83695
Ion Ratio Lower Upper
75 100
77 30.1 24.8 37.2
39 52.6 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 21.380 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0418WBSD01

Tot Ion: 97 Resp: 51648

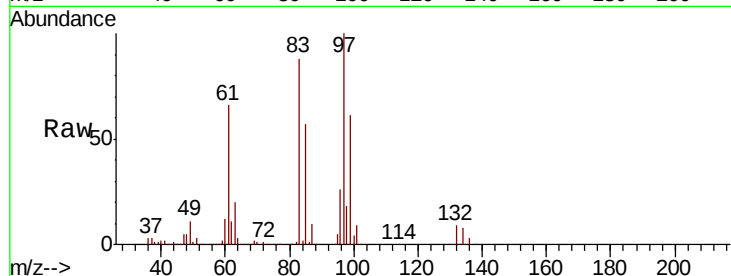
Ion Ratio Lower Upper

97 100

83 88.3 72.6 108.8

85 57.3 46.9 70.3

99 61.2 51.0 76.6

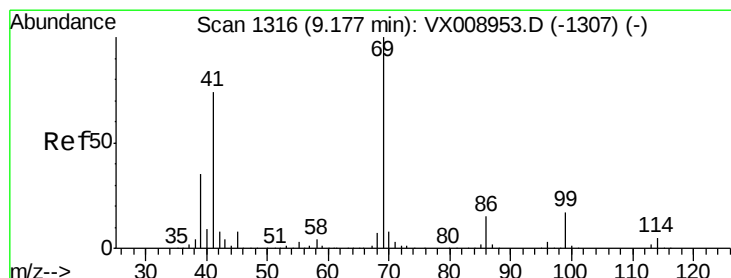
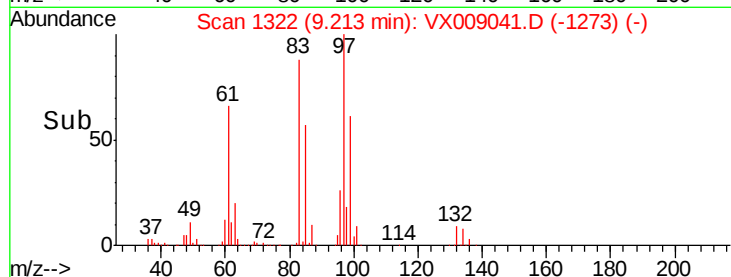
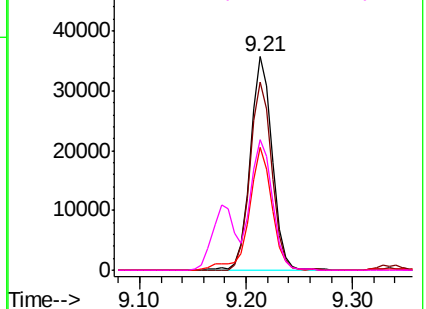


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 21.551 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

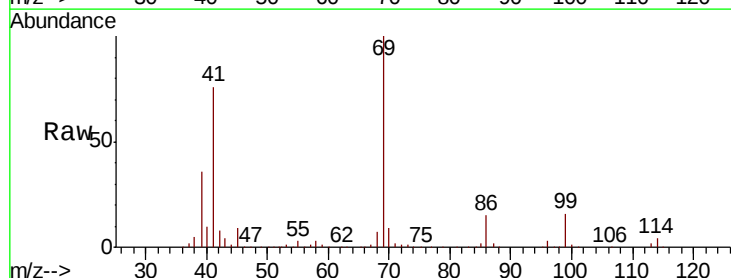
Tgt Ion: 69 Resp: 93350

Ion Ratio Lower Upper

69 100

41 76.2 60.2 90.2

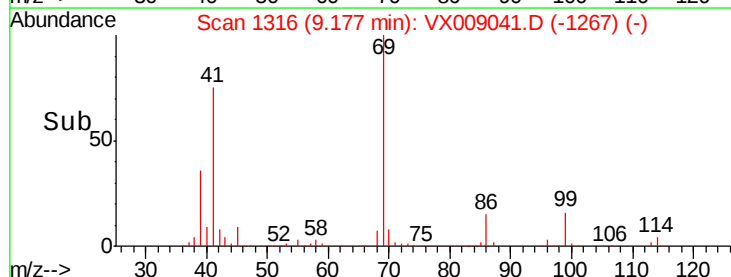
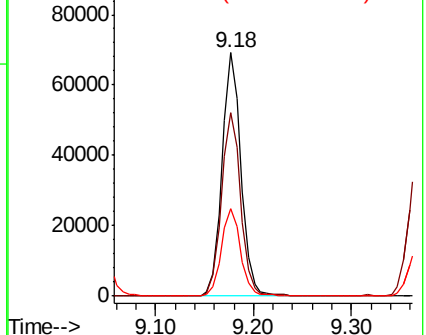
39 36.7 27.9 41.9

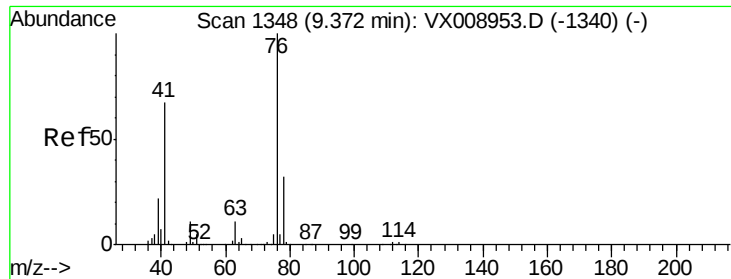


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

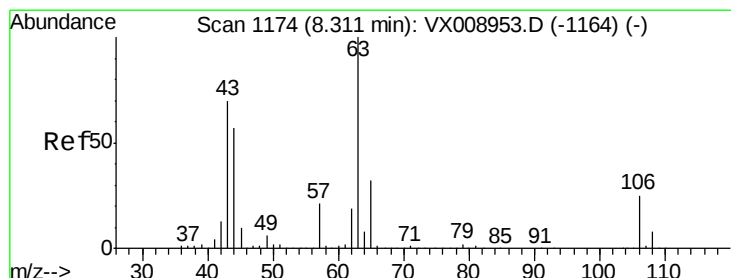
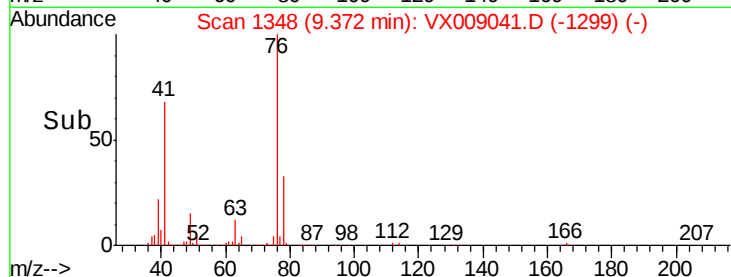
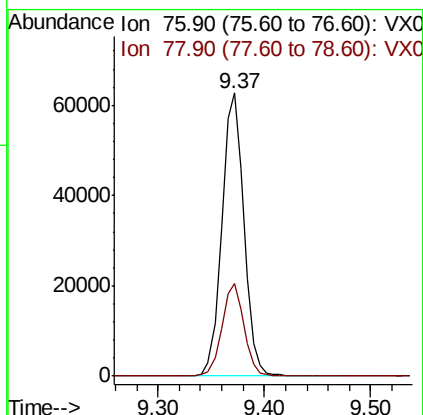
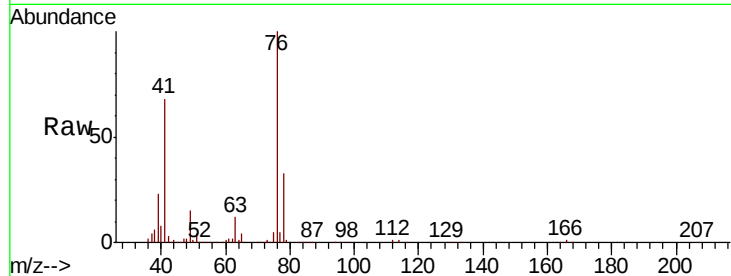




#57
 1,3-Dichloropropane
 Concen: 21.090 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

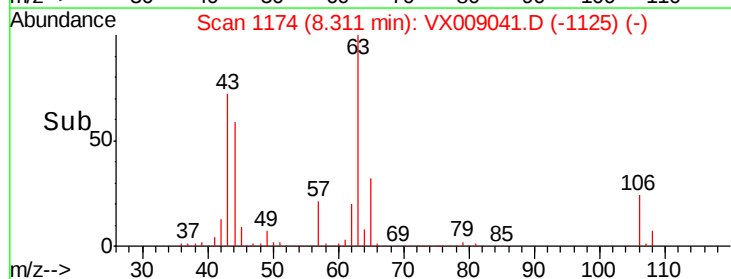
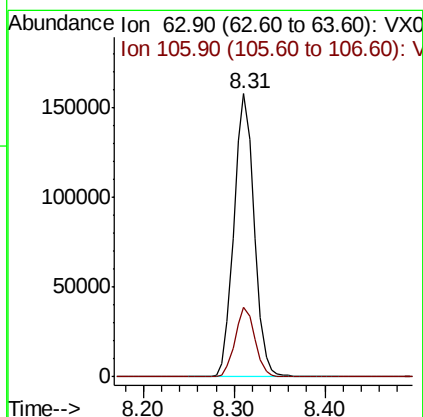
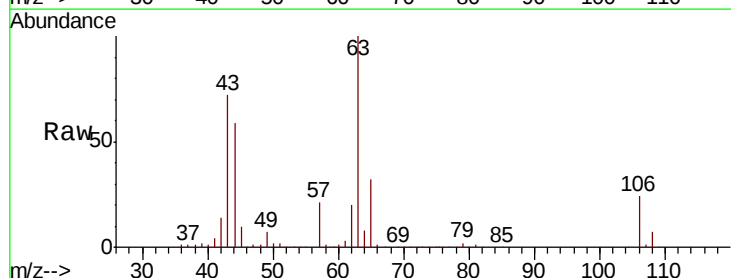
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBSD01

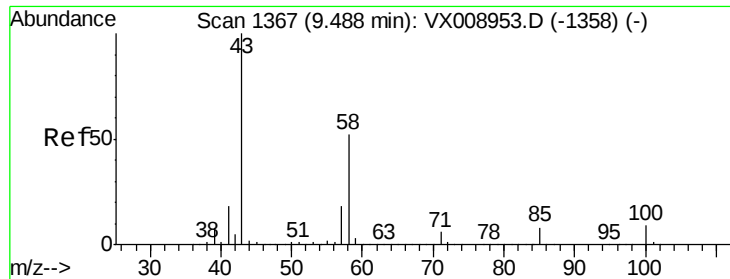
Tot Ion: 76 Resp: 90710
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.034 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Tgt Ion: 63 Resp: 244995
 Ion Ratio Lower Upper
 63 100
 106 24.3 19.8 29.6

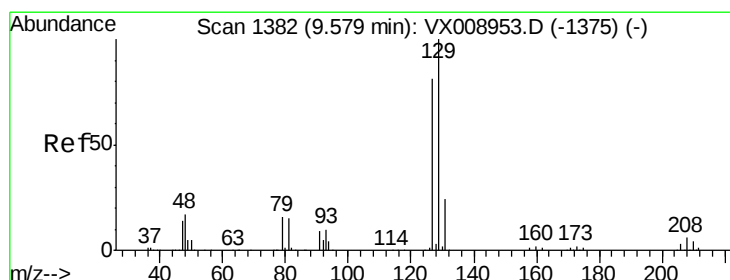
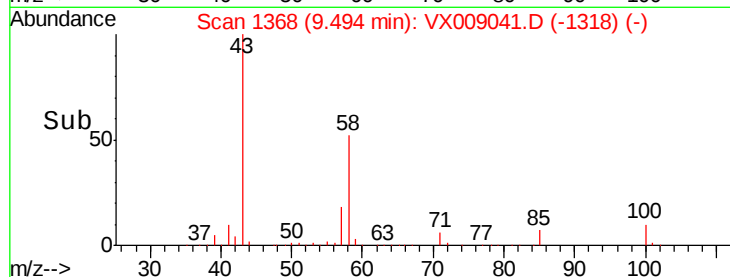
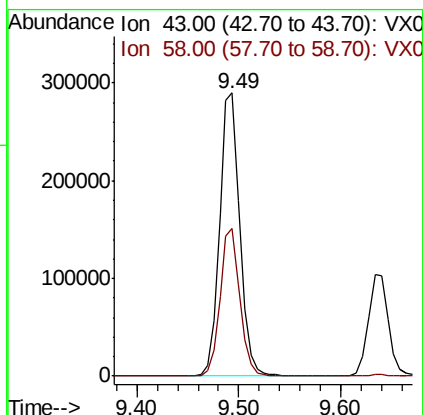
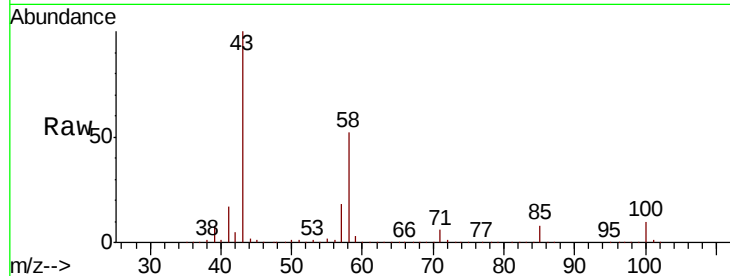




#59
2-Hexanone
Concen: 113.922 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

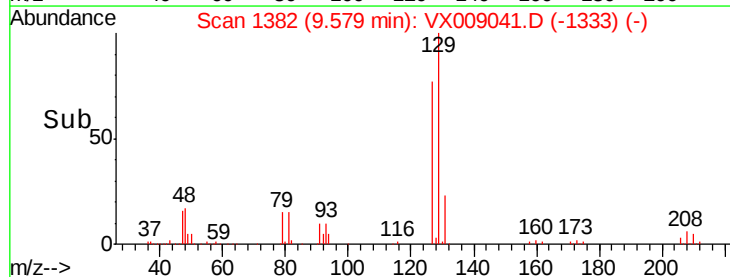
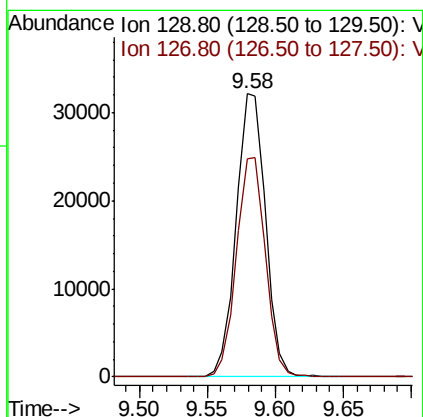
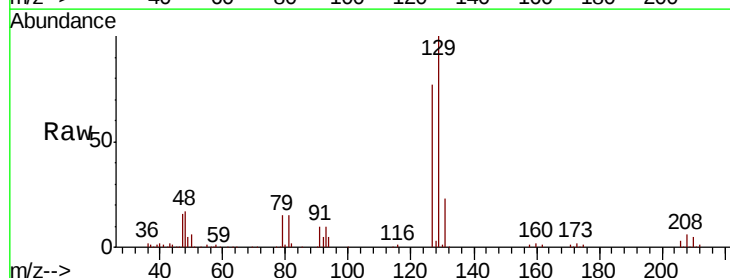
Instrument :
MSVOA_X
ClientSampleId :
VX0418WBSD01

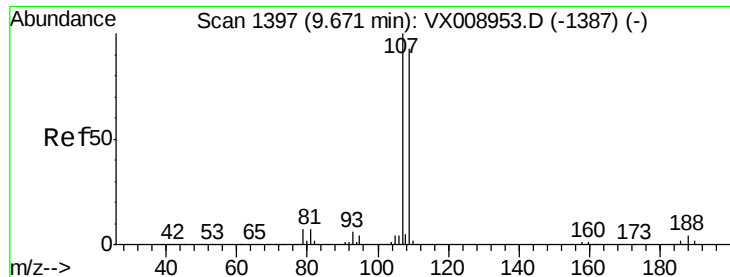
Tot Ion: 43 Resp: 400005
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.8



#60
Dibromochloromethane
Concen: 20.826 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Tgt Ion:129 Resp: 48216
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 20.979 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

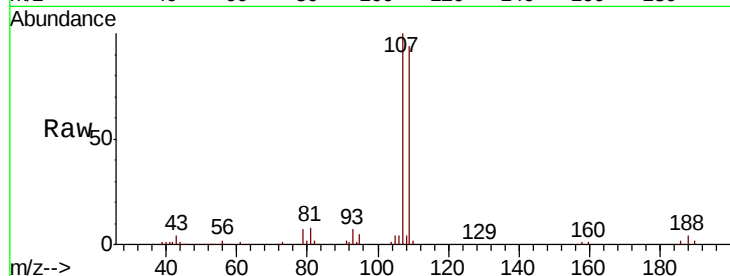
VX0418WBSD01

Tot Ion:107 Resp: 52305

Ion Ratio Lower Upper

107 100

109 93.9 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

40000

30000

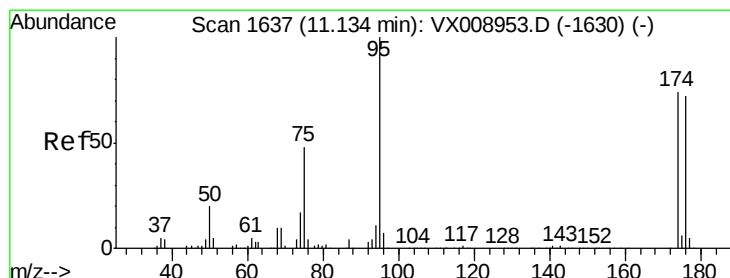
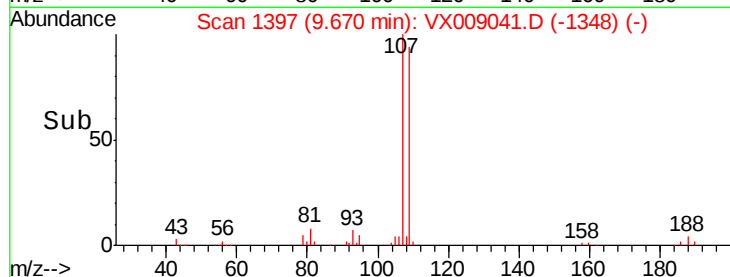
20000

10000

0

9.60 9.65 9.70 9.75 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 49.877 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

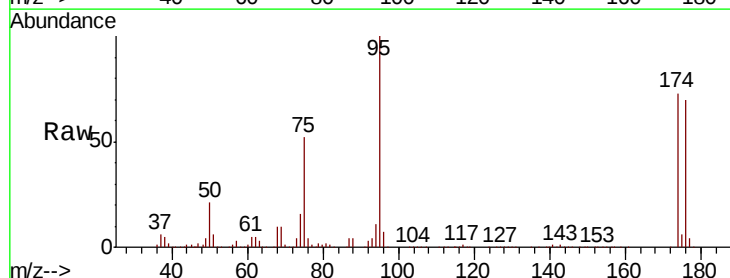
Tgt Ion: 95 Resp: 150210

Ion Ratio Lower Upper

95 100

174 77.9 0.0 159.6

176 76.1 0.0 154.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

150000

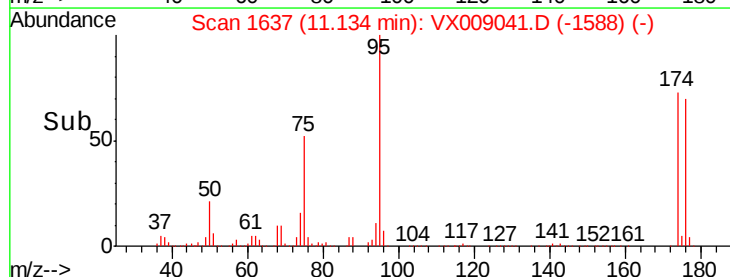
100000

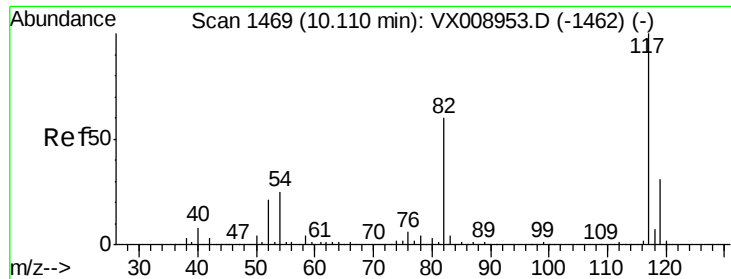
50000

0

11.10 11.20

Time-->

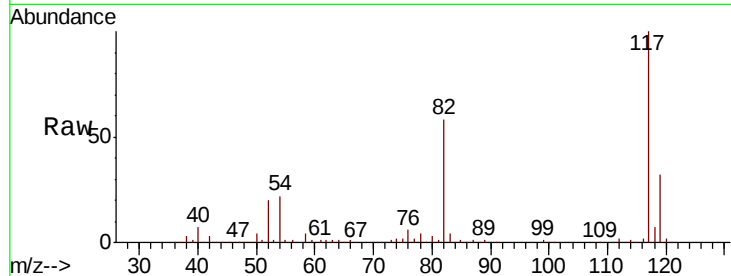




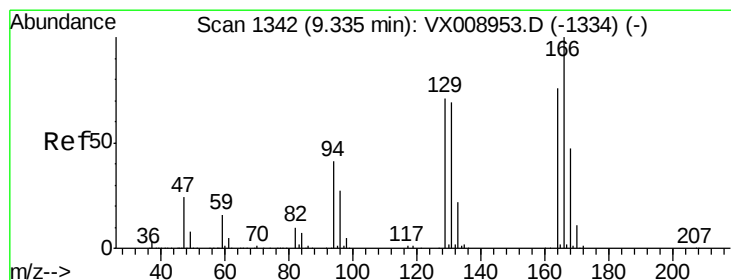
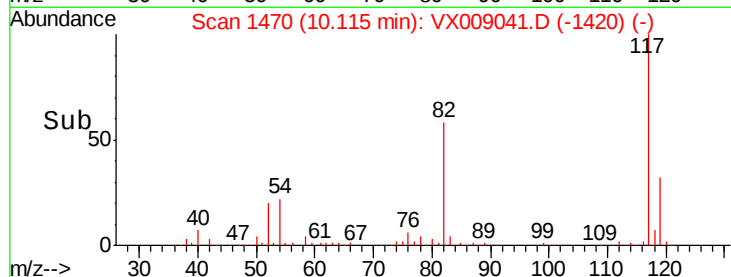
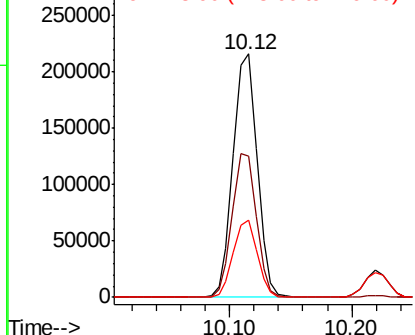
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0418WBSD01

Tot Ion:117 Resp: 295021
Ion Ratio Lower Upper
117 100
82 57.9 48.2 72.4
119 31.7 25.0 37.6



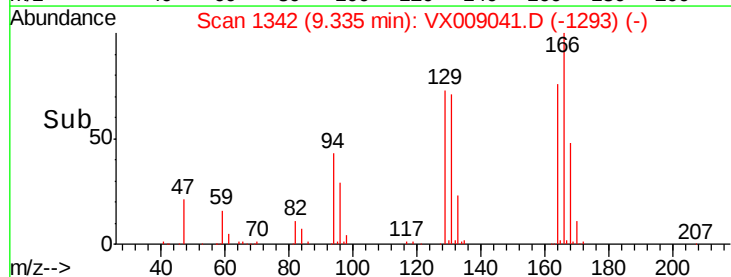
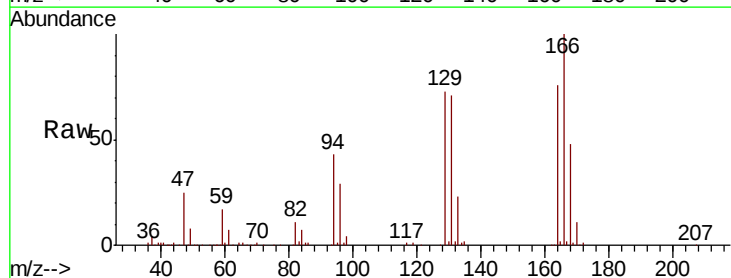
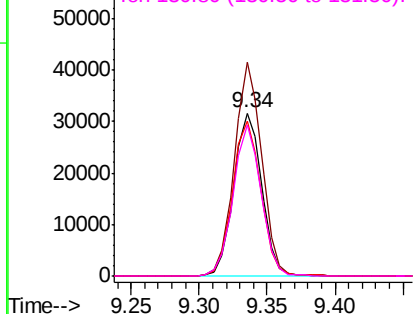
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

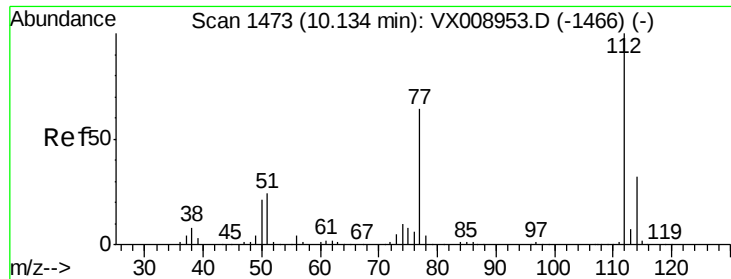


#64
Tetrachloroethene
Concen: 20.202 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Tgt Ion:164 Resp: 45277
Ion Ratio Lower Upper
164 100
166 131.2 105.0 157.4
129 95.5 74.2 111.4
131 92.6 72.2 108.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

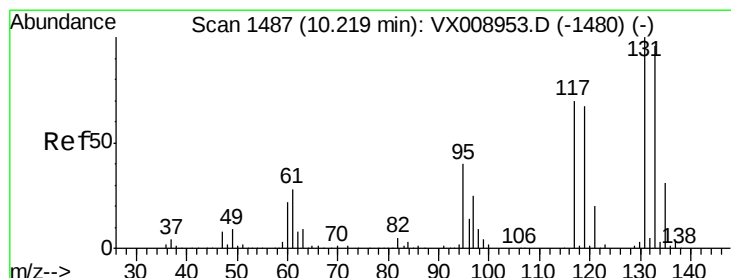
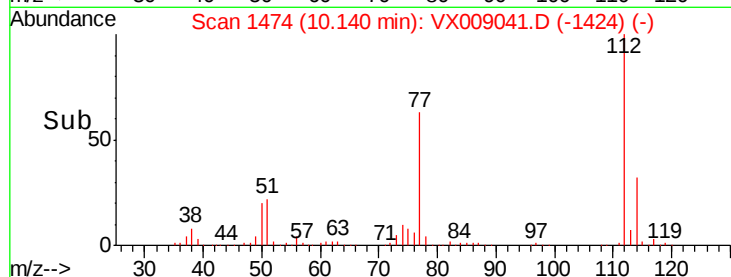
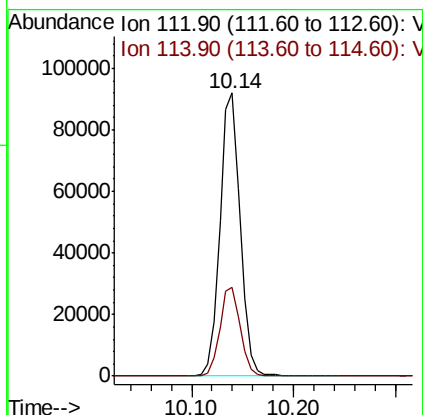
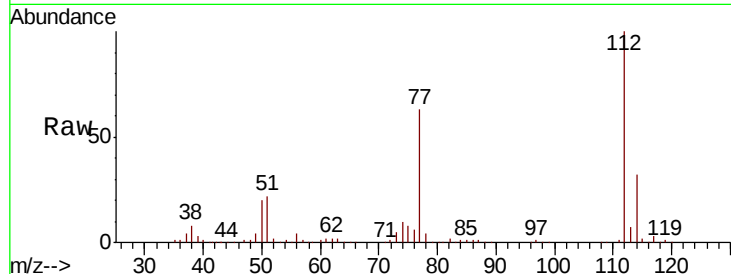




#65
Chlorobenzene
Concen: 20.484 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

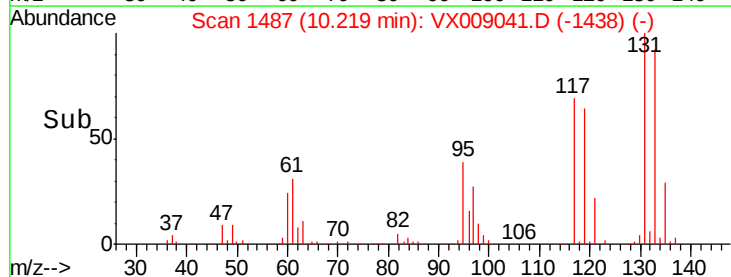
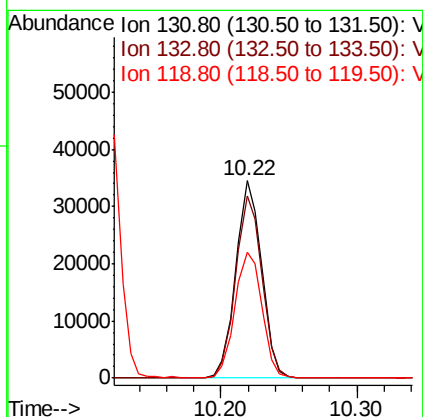
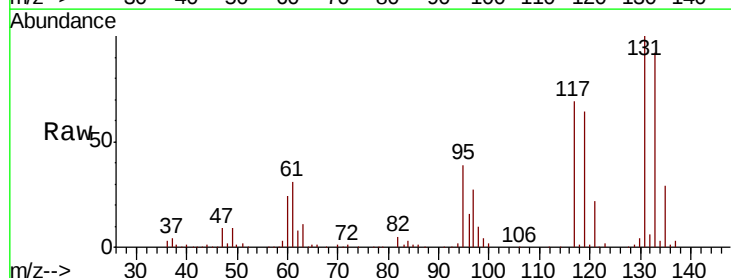
Instrument :
MSVOA_X
ClientSampled :
VX0418WBSD01

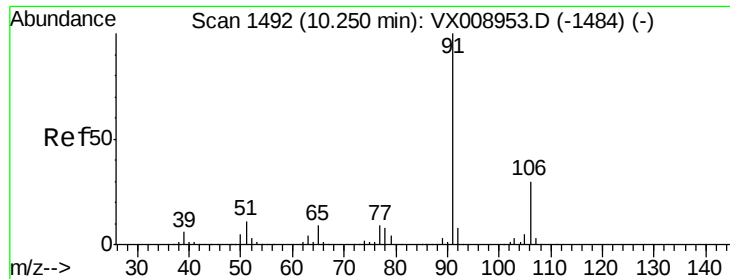
Tot Ion:112 Resp: 127559
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.829 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Tgt Ion:131 Resp: 45694
Ion Ratio Lower Upper
131 100
133 94.4 48.0 144.2
119 67.2 33.7 101.1

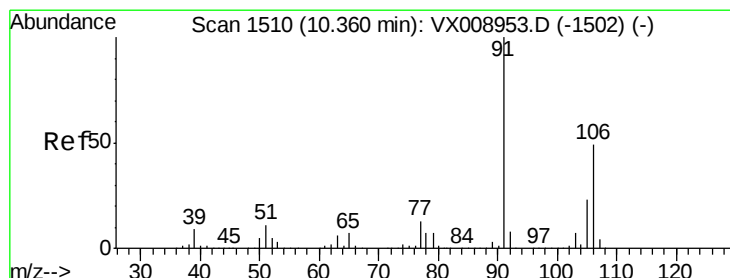
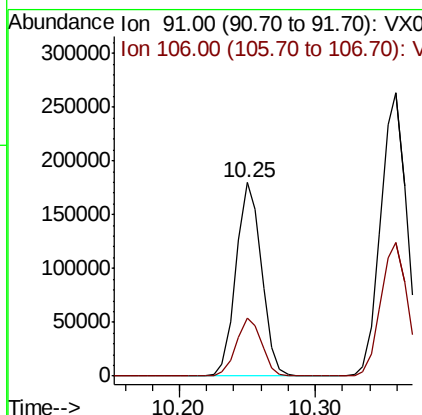
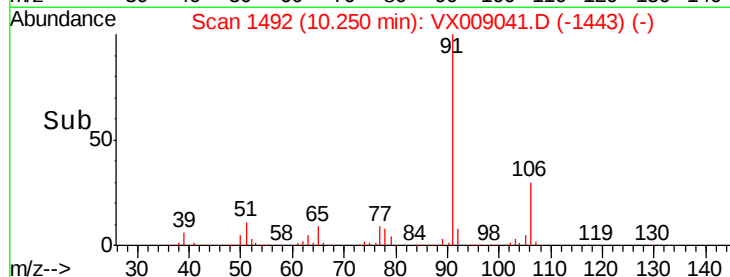
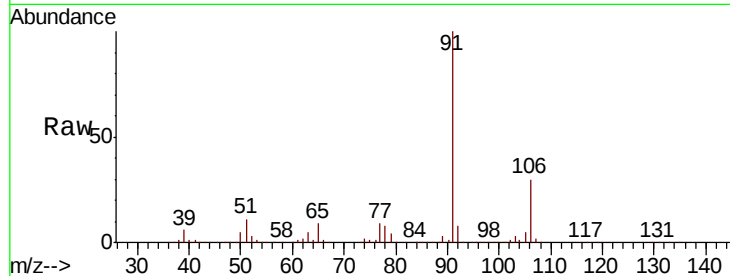




#67
Ethyl Benzene
Concen: 20.689 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

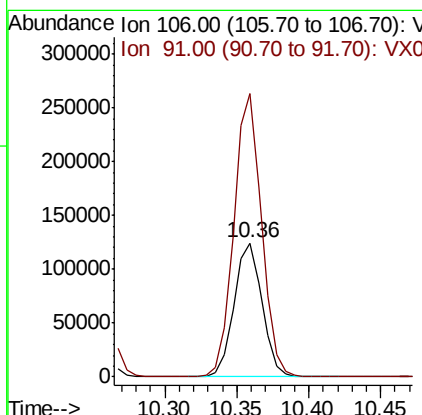
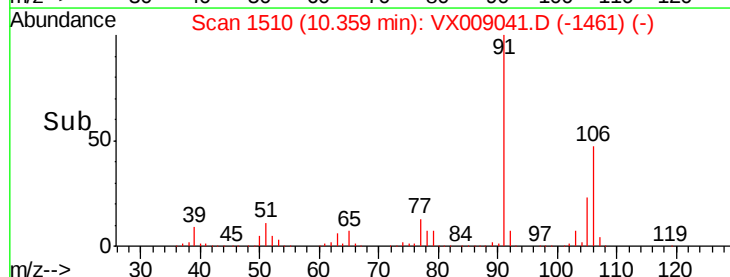
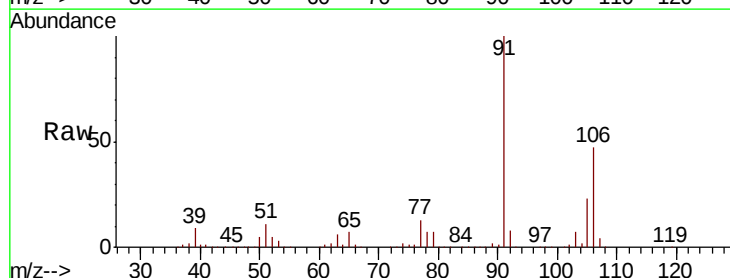
Instrument :
MSVOA_X
ClientSampleId :
VX0418WBSD01

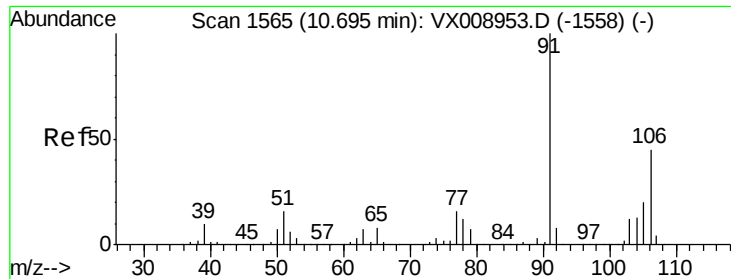
Tot Ion: 91 Resp: 235512
Ion Ratio Lower Upper
91 100
106 29.9 24.3 36.5



#68
m/p-Xylenes
Concen: 40.744 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Tgt Ion: 106 Resp: 168559
Ion Ratio Lower Upper
106 100
91 209.3 165.4 248.2

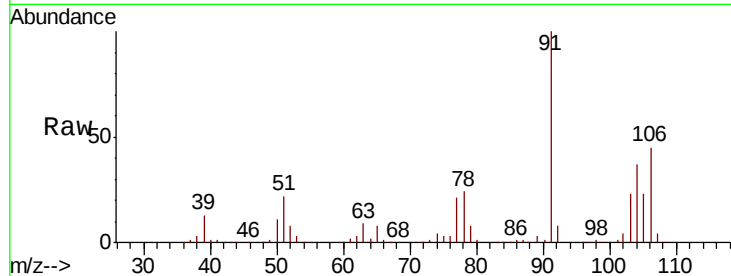




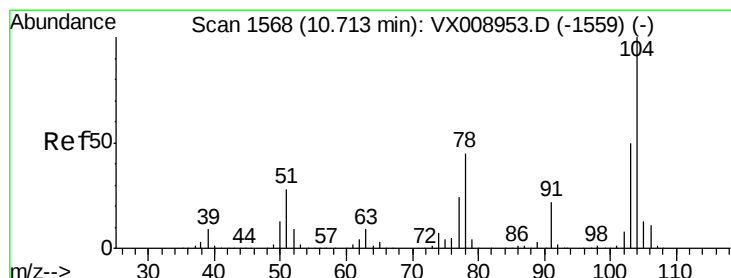
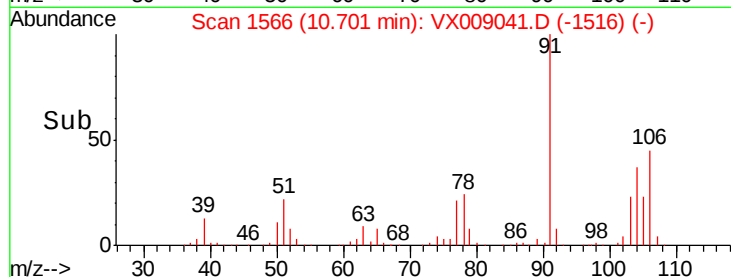
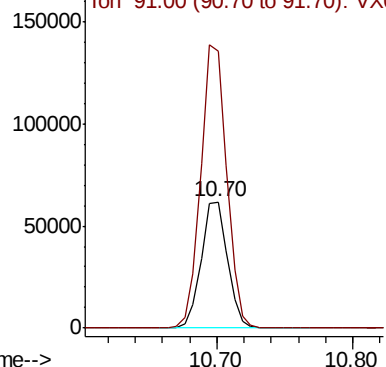
#69
o-Xylene
Concen: 20.681 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0418WBSD01

Tot Ion:106 Resp: 83250
Ion Ratio Lower Upper
106 100
91 221.5 108.9 326.7

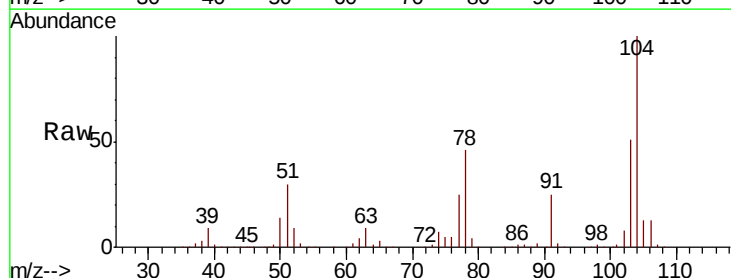


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

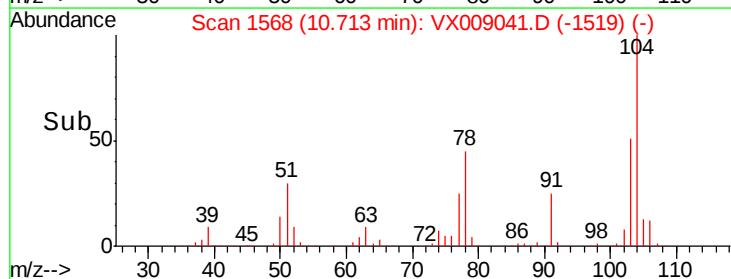
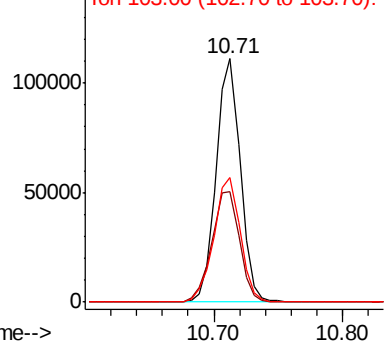


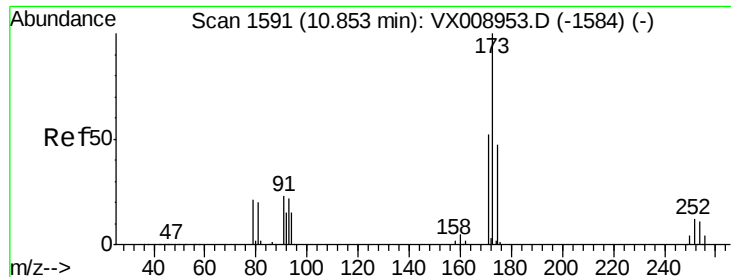
#70
Styrene
Concen: 20.520 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Tgt Ion:104 Resp: 143137
Ion Ratio Lower Upper
104 100
78 52.5 41.2 61.8
103 56.1 43.9 65.9



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





#71

Bromoform

Concen: 20.096 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampled :

VX0418WBSD01

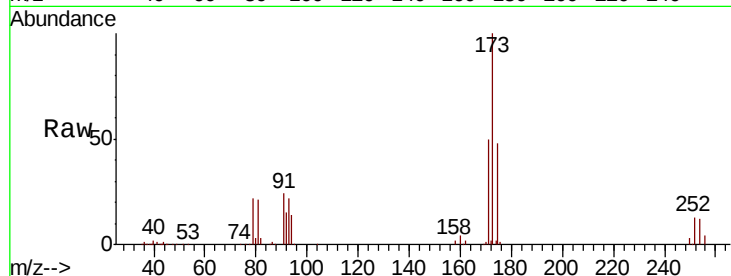
Tot Ion:173 Resp: 35121

Ion Ratio Lower Upper

173 100

175 48.3 23.9 71.8

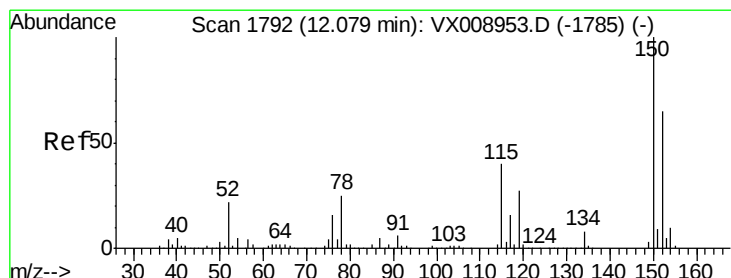
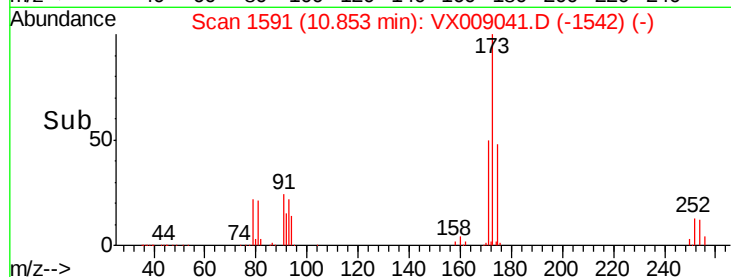
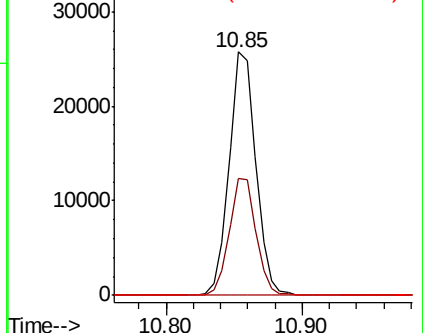
254 0.1 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

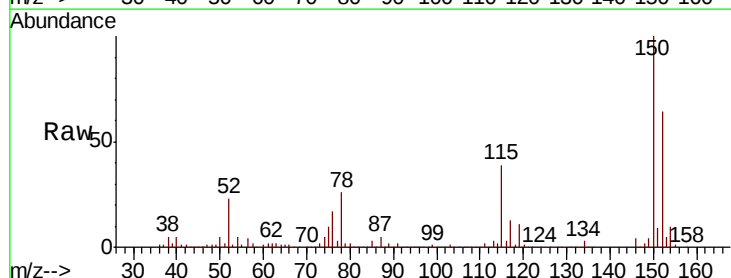
Tgt Ion:152 Resp: 135515

Ion Ratio Lower Upper

152 100

115 71.1 41.4 124.2

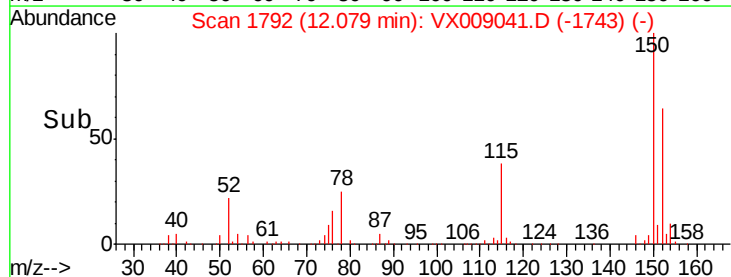
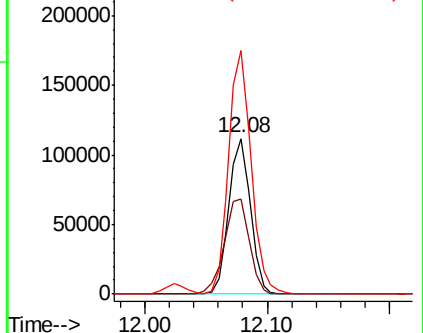
150 163.8 0.0 349.8

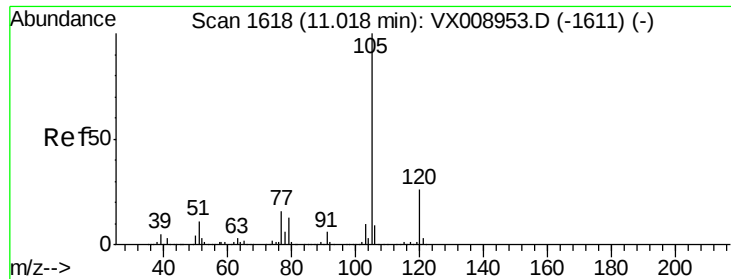


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.686 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

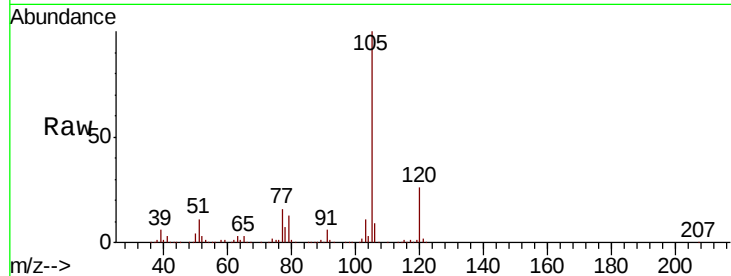
VX0418WBSD01

Tot Ion:105 Resp: 222761

Ion Ratio Lower Upper

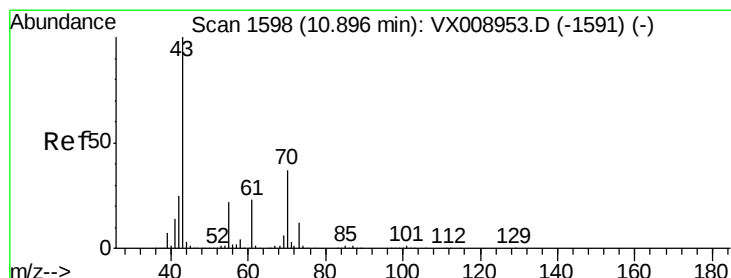
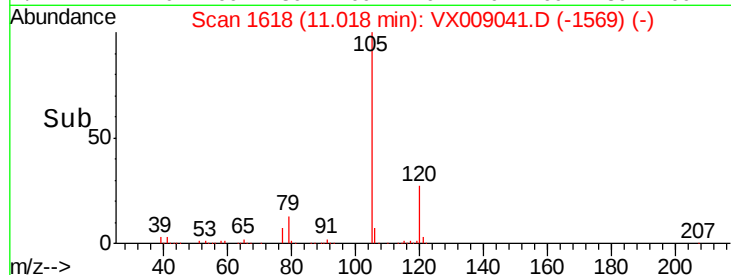
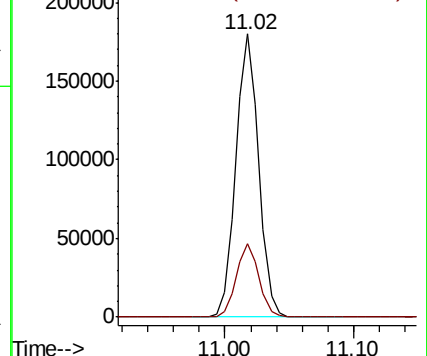
105 100

120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.260 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Tgt Ion: 43 Resp: 131284

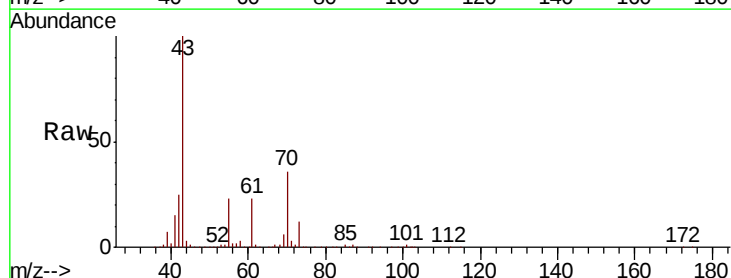
Ion Ratio Lower Upper

43 100

70 37.1 29.9 44.9

55 23.1 17.8 26.8

61 22.6 18.3 27.5

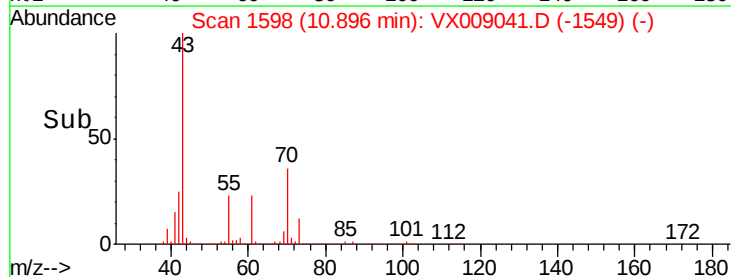
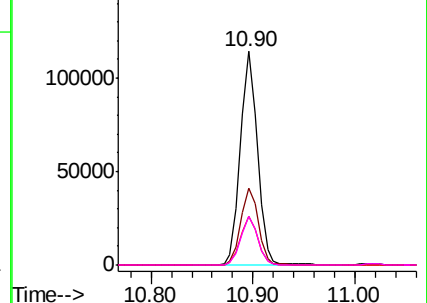


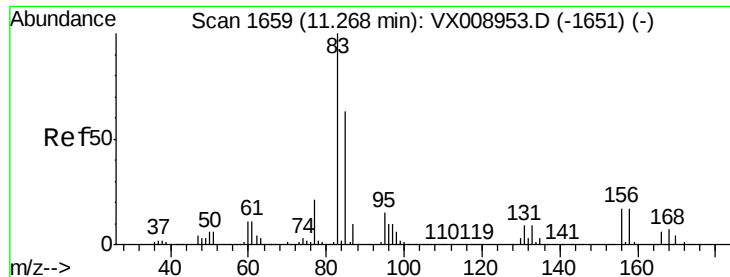
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.560 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0418WBSD01

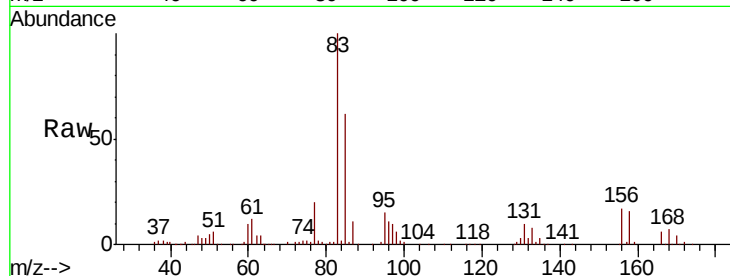
Tot Ion: 83 Resp: 84670

Ion Ratio Lower Upper

83 100

131 9.5 4.7 14.0

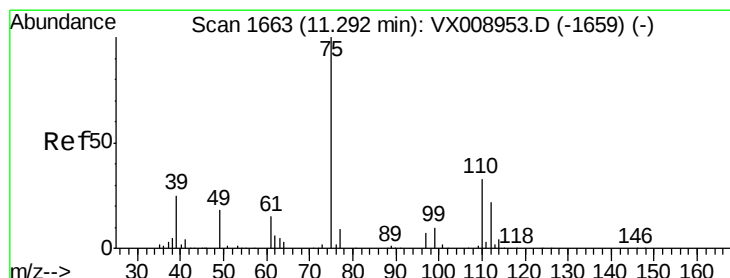
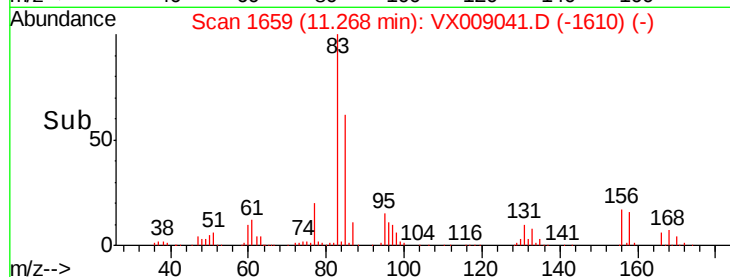
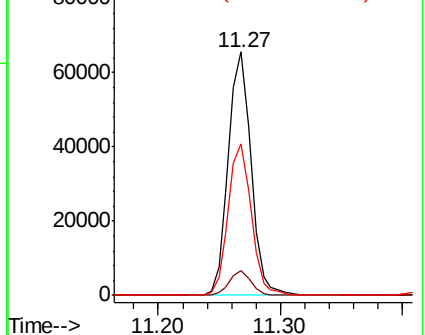
85 63.1 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 29.303 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX009041.D

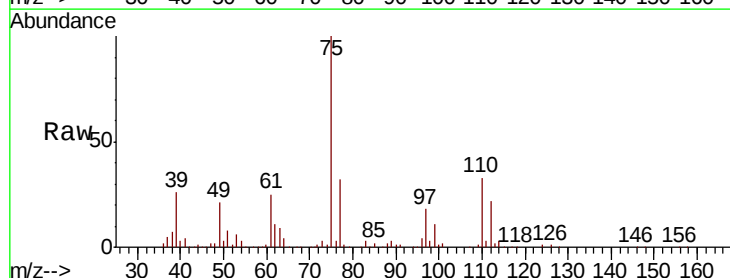
Acq: 18 Apr 2019 14:11

Tgt Ion: 75 Resp: 96964

Ion Ratio Lower Upper

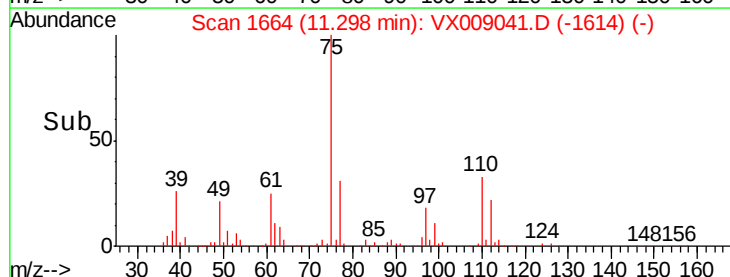
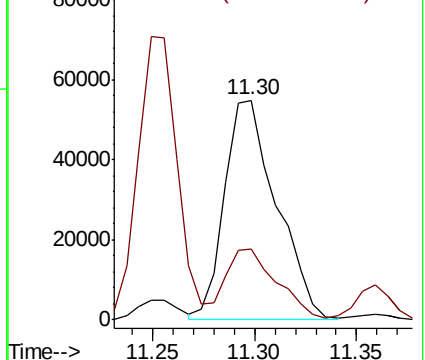
75 100

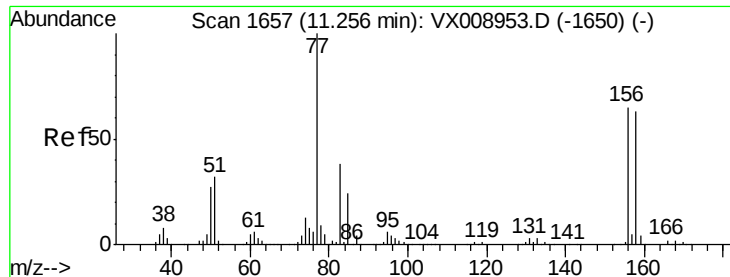
77 32.3 22.7 68.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.559 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0418WBSD01

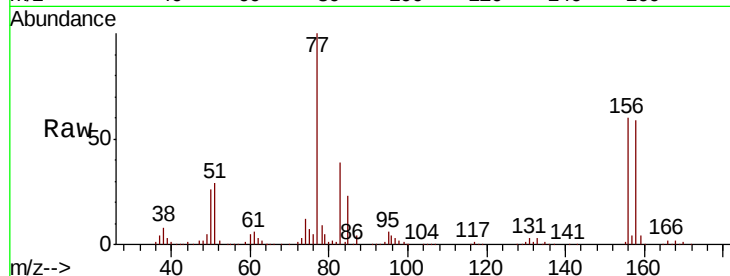
Tot Ion:156 Resp: 53281

Ion Ratio Lower Upper

156 100

77 176.6 85.4 256.1

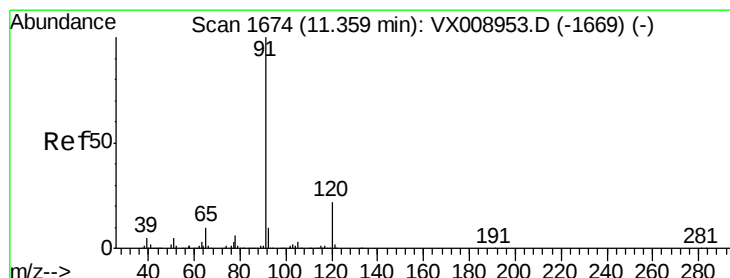
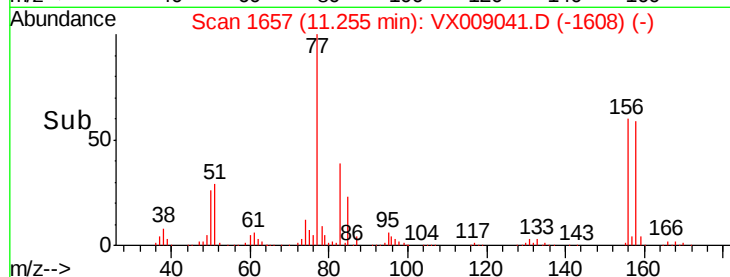
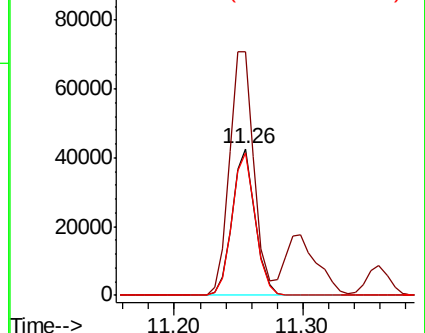
158 98.4 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.362 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009041.D

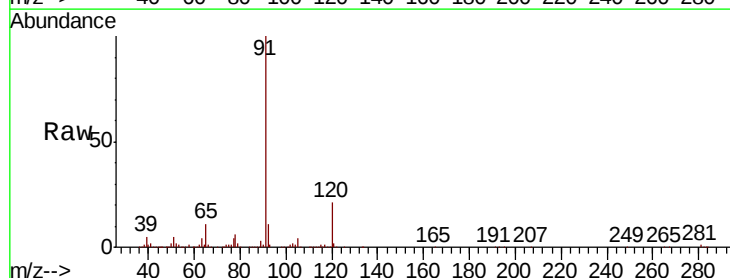
Acq: 18 Apr 2019 14:11

Tgt Ion: 91 Resp: 251848

Ion Ratio Lower Upper

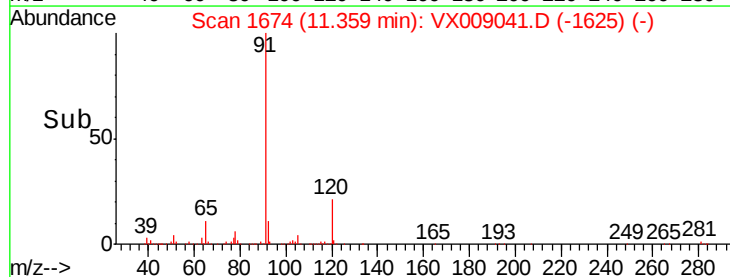
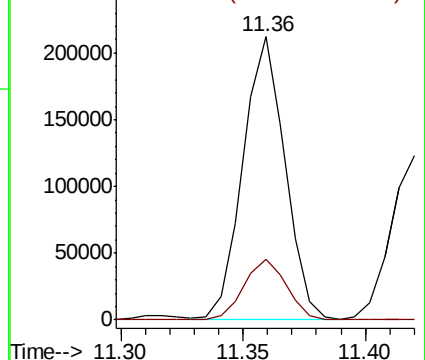
91 100

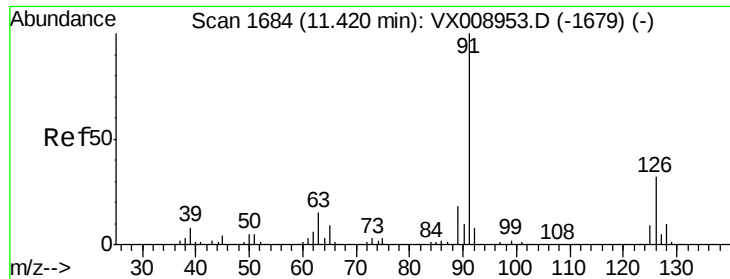
120 21.9 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

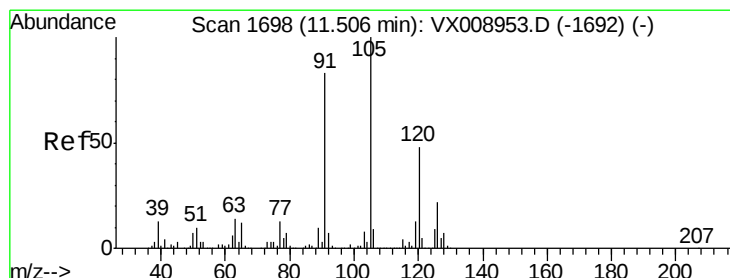
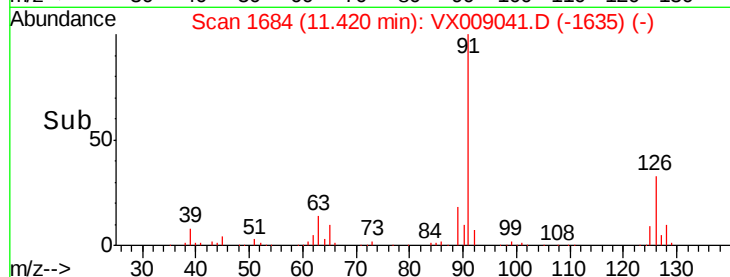
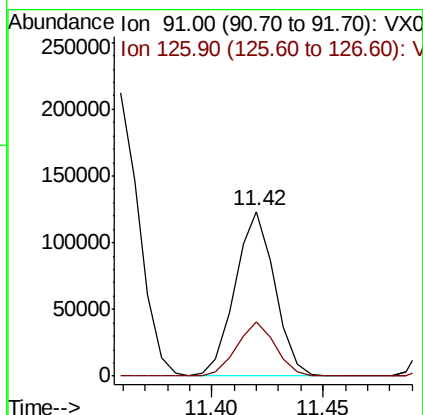
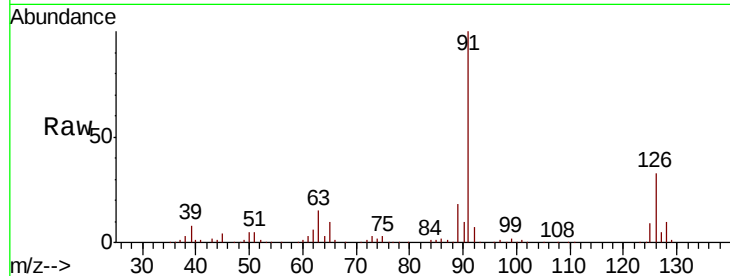




#79
 2-Chlorotoluene
 Concen: 21.450 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

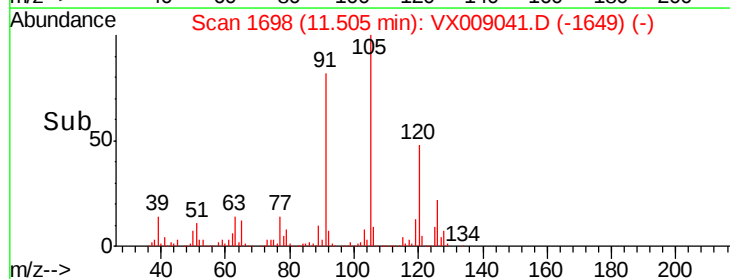
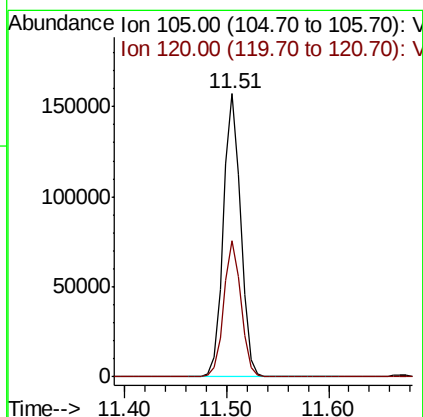
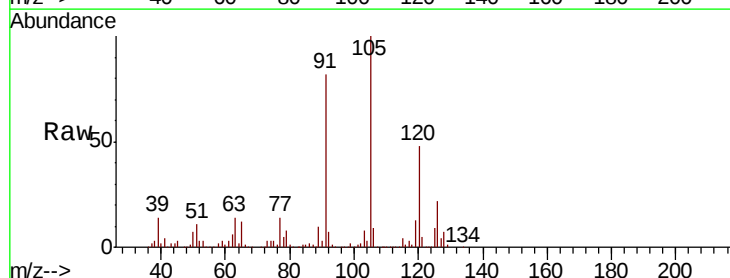
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBSD01

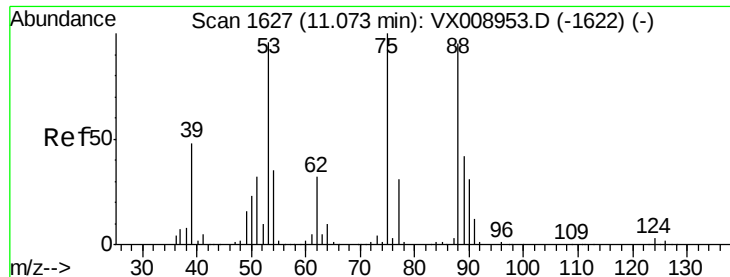
Tot Ion: 91 Resp: 152391
 Ion Ratio Lower Upper
 91 100
 126 32.2 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 21.526 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Tgt Ion:105 Resp: 185547
 Ion Ratio Lower Upper
 105 100
 120 47.5 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 19.694 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampled :

VX0418WBSD01

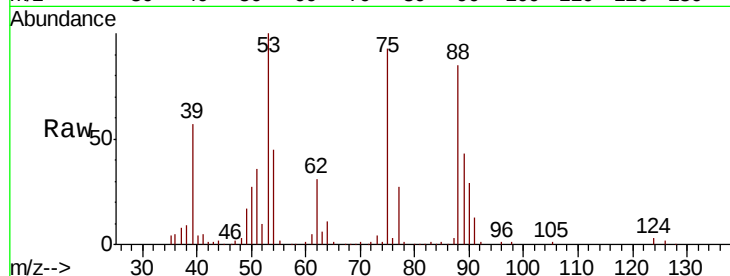
Tot Ion: 75 Resp: 25384

Ion Ratio Lower Upper

75 100

53 109.1 78.2 117.4

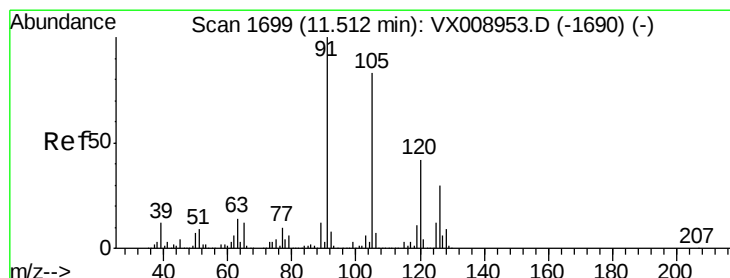
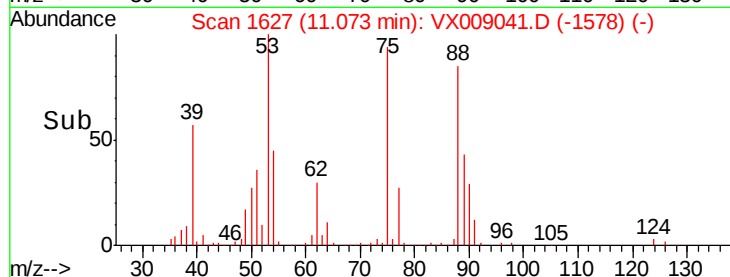
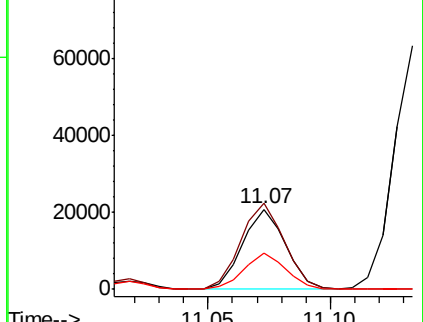
89 44.8 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.776 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX009041.D

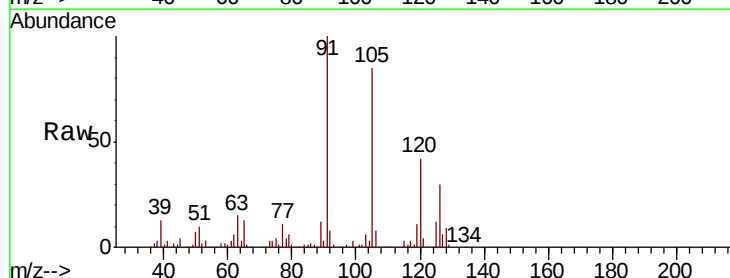
Acq: 18 Apr 2019 14:11

Tgt Ion: 91 Resp: 171422

Ion Ratio Lower Upper

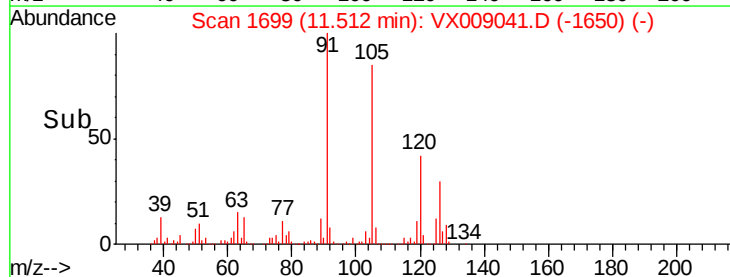
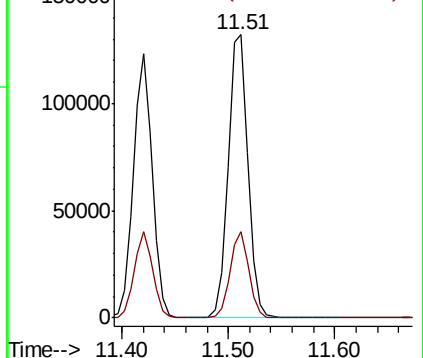
91 100

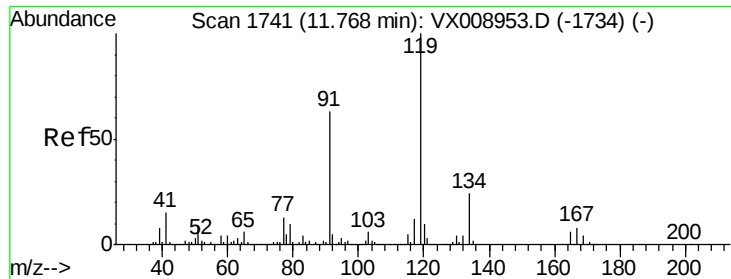
126 29.1 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

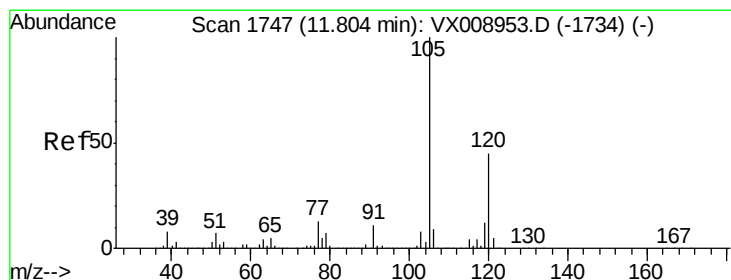
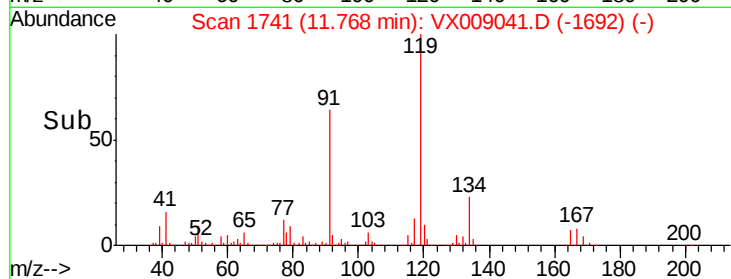
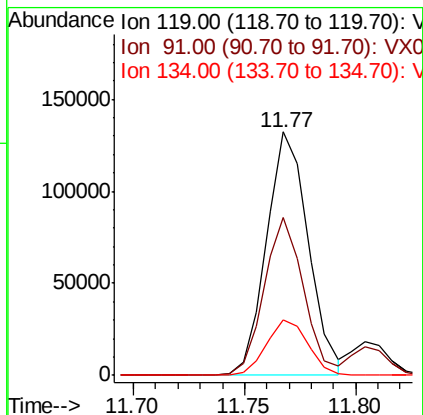
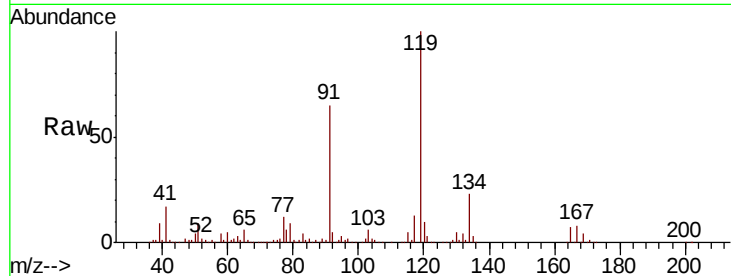




#83
tert-Butylbenzene
Concen: 20.867 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

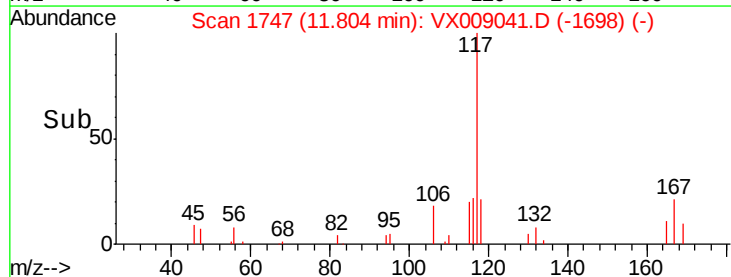
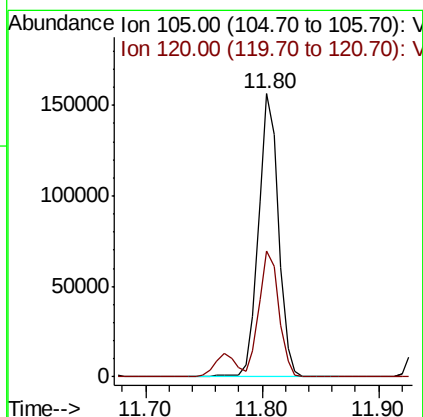
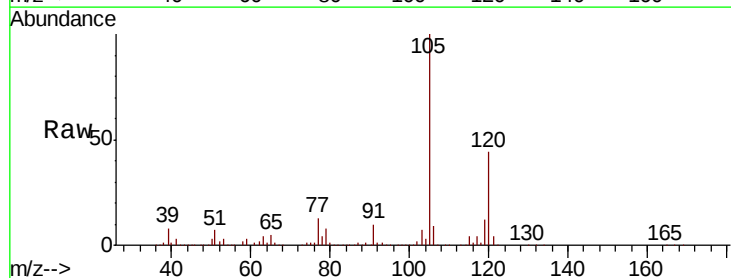
Instrument :
MSVOA_X
ClientSampleId :
VX0418WBSD01

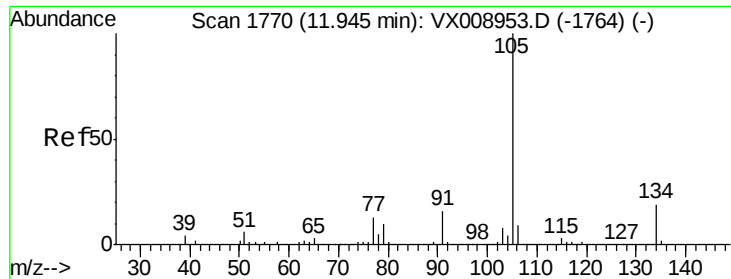
Tot Ion:119 Resp: 172686
Ion Ratio Lower Upper
119 100
91 61.2 29.7 89.1
134 22.8 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 21.382 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Tgt Ion:105 Resp: 187614
Ion Ratio Lower Upper
105 100
120 44.0 21.9 65.8





#85

sec-Butylbenzene

Concen: 21.184 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

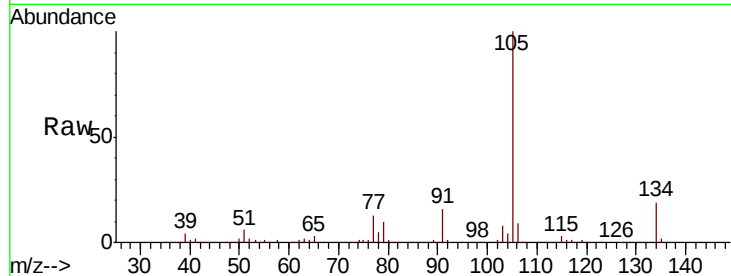
VX0418WBSD01

Tot Ion:105 Resp: 209094

Ion Ratio Lower Upper

105 100

134 19.0 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

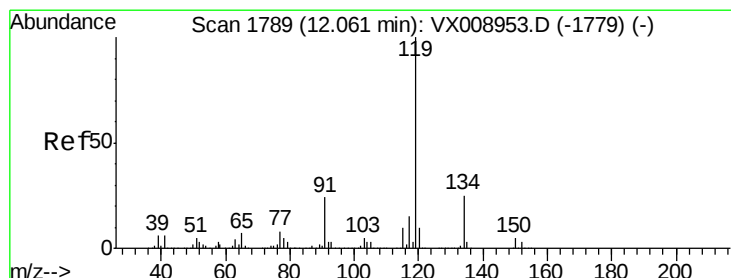
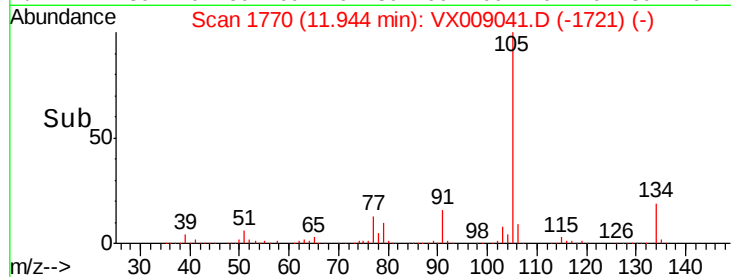
100000

50000

0

11.90 11.94 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 20.942 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

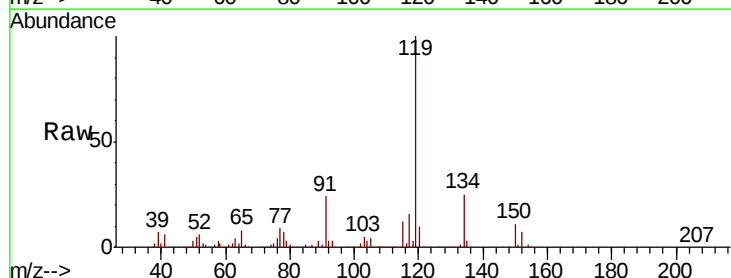
Tgt Ion:119 Resp: 190038

Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.6

91 23.7 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

200000

150000

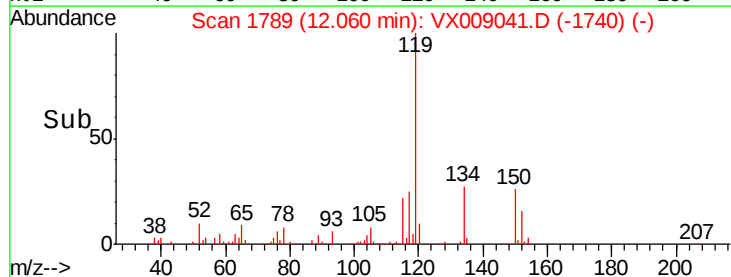
100000

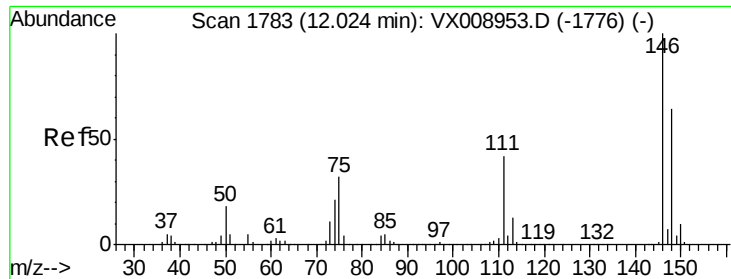
50000

0

12.00 12.06 12.10

Time-->

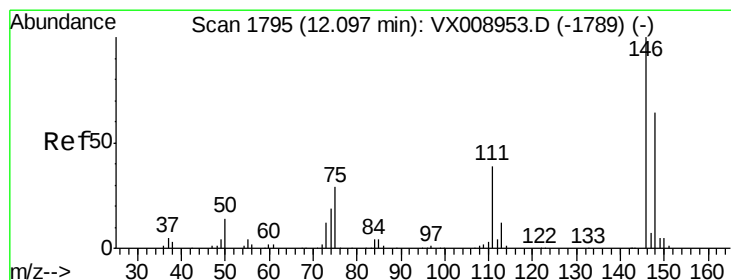
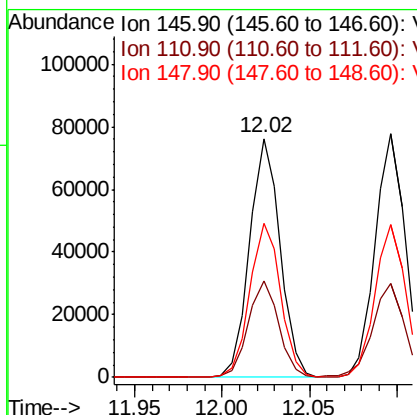
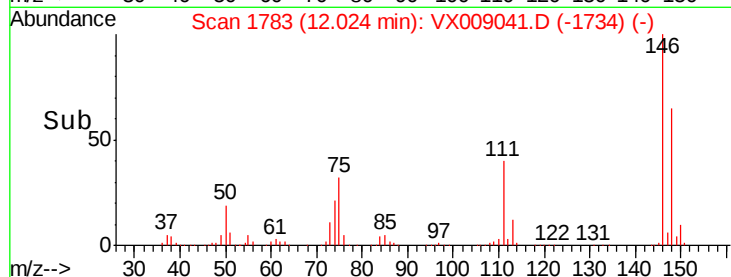
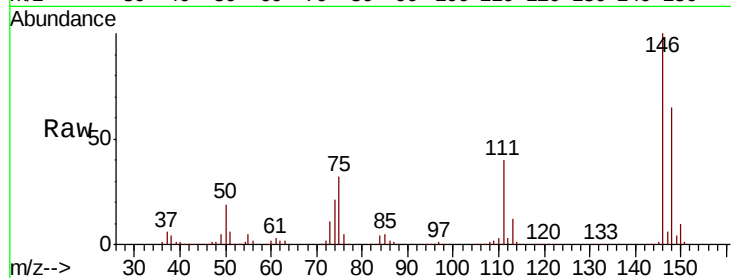




#87
 1,3-Dichlorobenzene
 Concen: 20.381 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

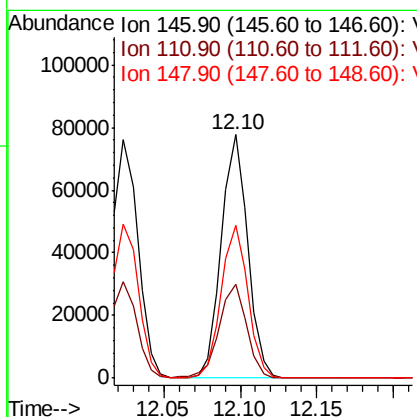
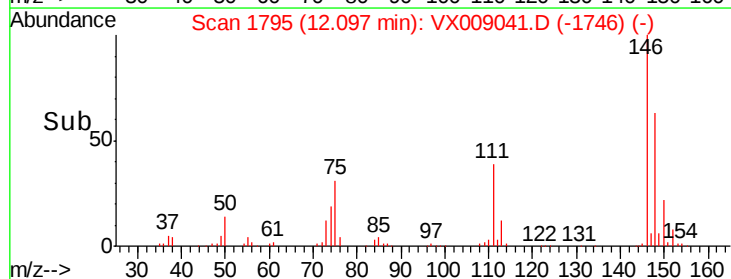
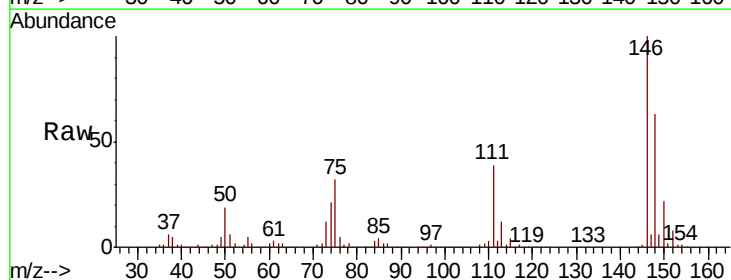
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0418WBSD01

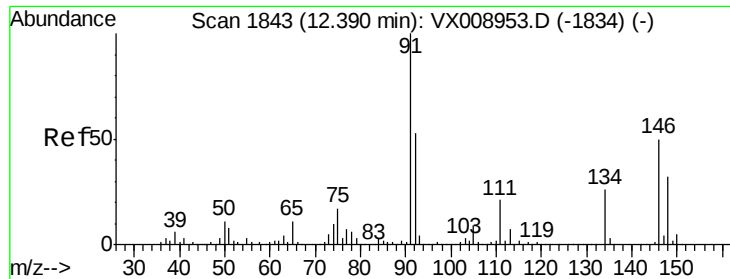
Tot Ion:146 Resp: 92447
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.5 61.6
 148 65.2 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 20.226 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Tgt Ion:146 Resp: 93003
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.0 59.9
 148 63.9 32.2 96.6





#89

n-Butylbenzene

Concen: 20.253 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampled :

VX0418WBSD01

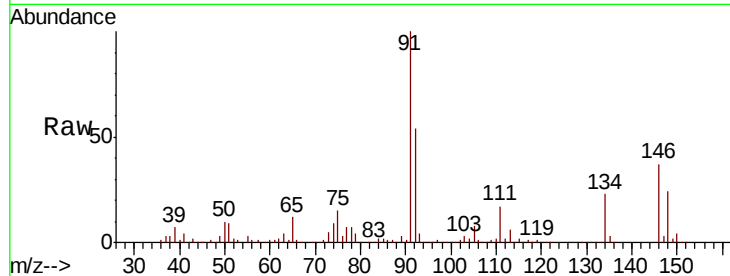
Tot Ion: 91 Resp: 171157

Ion Ratio Lower Upper

91 100

92 53.5 26.6 79.8

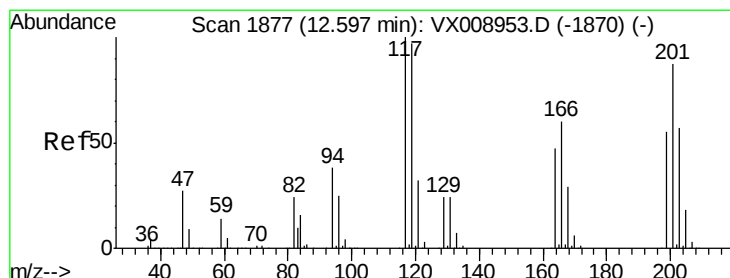
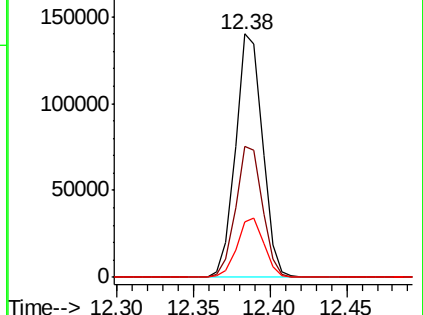
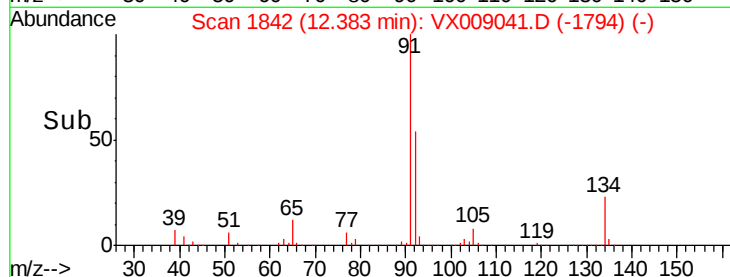
134 24.3 12.4 37.2



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



#90

Hexachloroethane

Concen: 20.940 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX009041.D

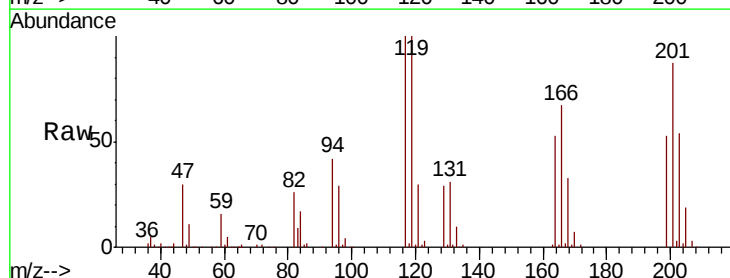
Acq: 18 Apr 2019 14:11

Tgt Ion: 117 Resp: 31344

Ion Ratio Lower Upper

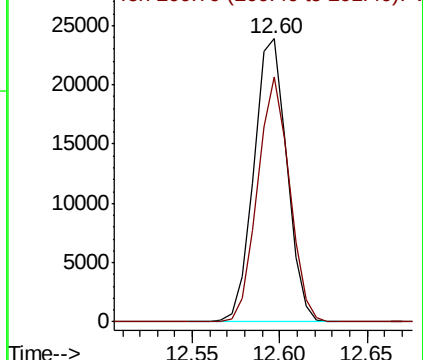
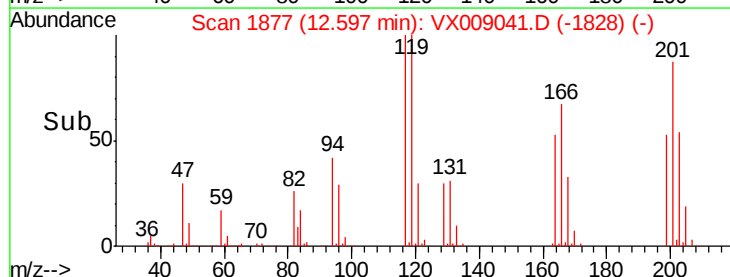
117 100

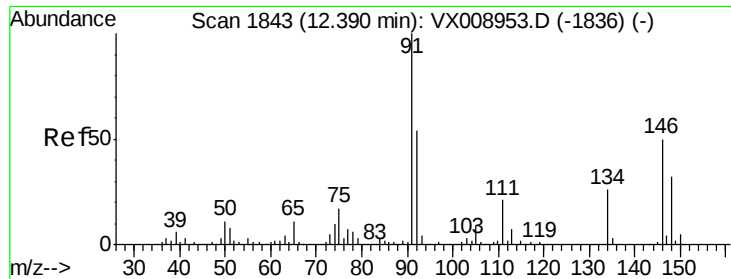
201 83.6 43.0 129.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.931 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0418WBSD01

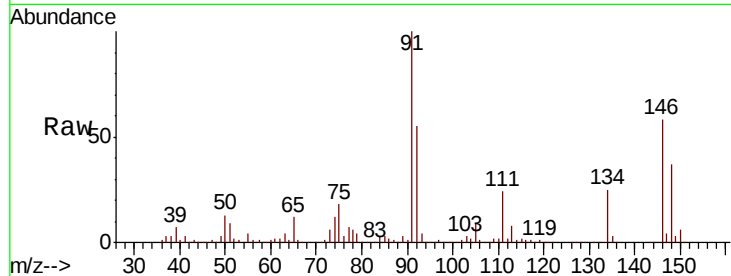
Tot Ion:146 Resp: 93754

Ion Ratio Lower Upper

146 100

111 42.0 20.6 61.9

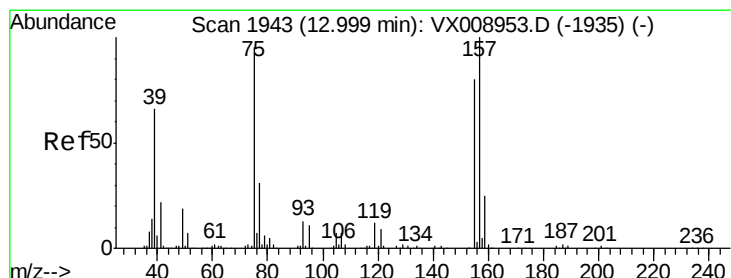
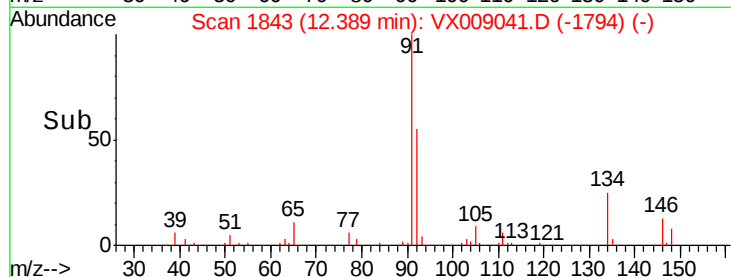
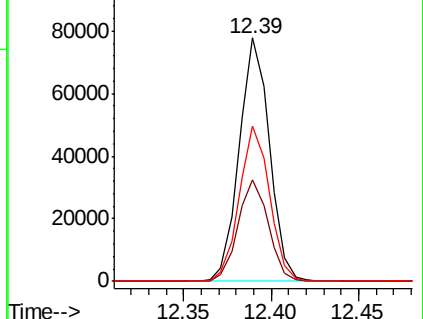
148 64.0 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.856 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

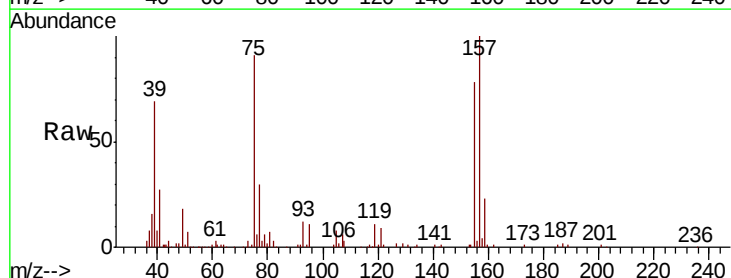
Tgt Ion: 75 Resp: 17822

Ion Ratio Lower Upper

75 100

155 83.3 41.2 123.6

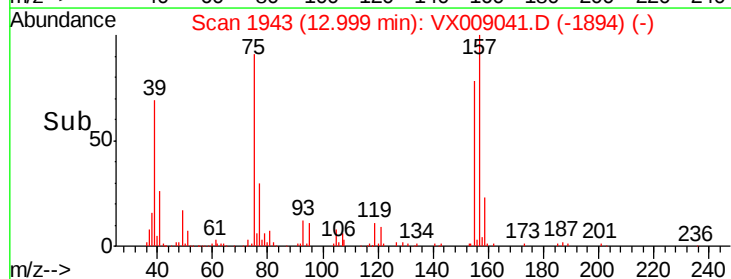
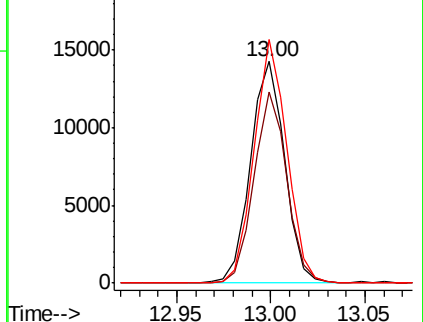
157 106.2 52.5 157.6

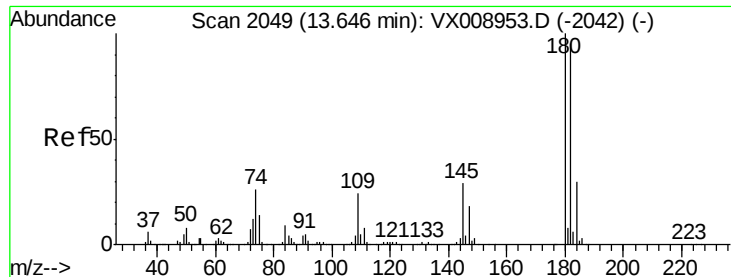


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

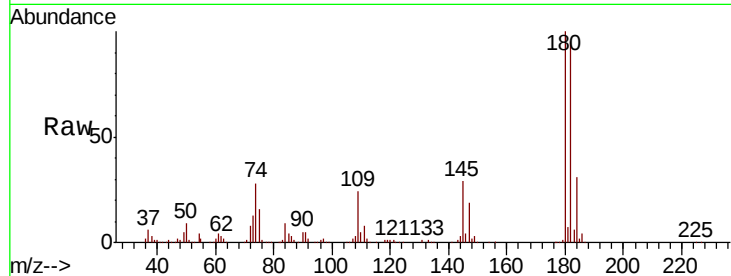




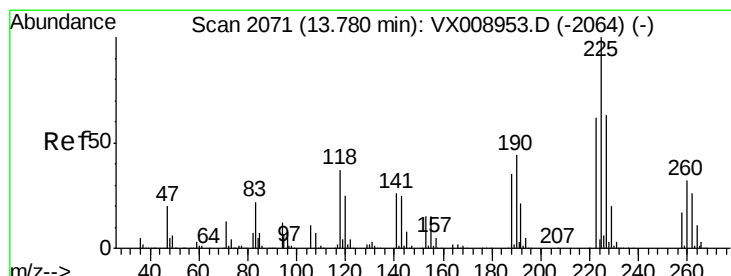
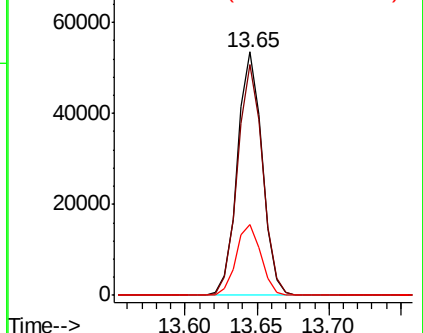
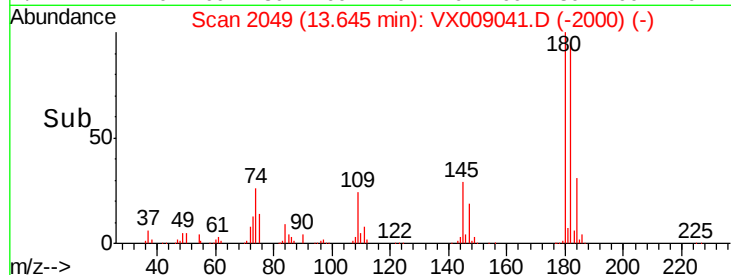
#93
 1,2,4-Trichlorobenzene
 Concen: 19.871 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Instrument :
 MSVOA_X
 ClientSampled :
 VX0418WBSD01

Tot Ion:180 Resp: 64250
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.6 142.9
 145 29.3 14.8 44.4

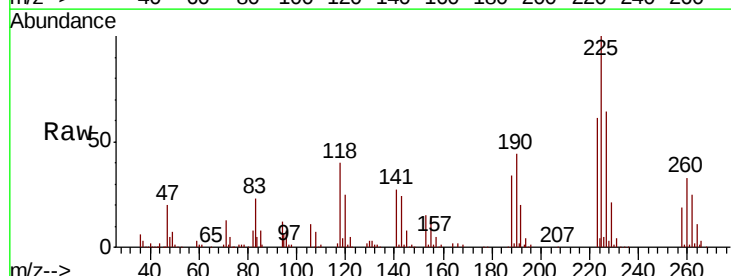


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

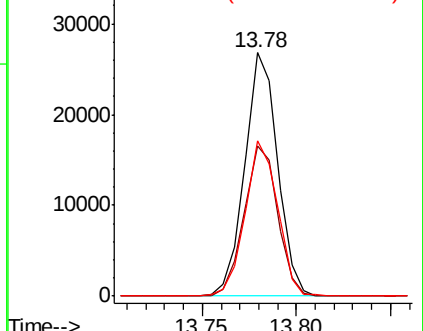
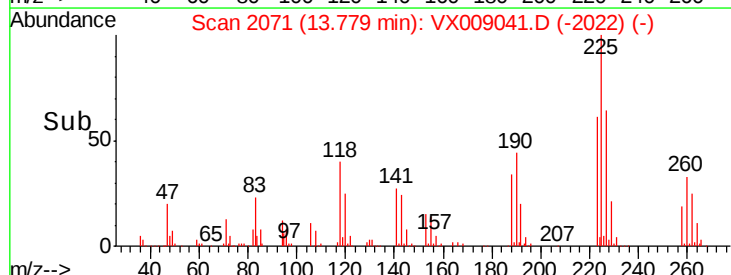


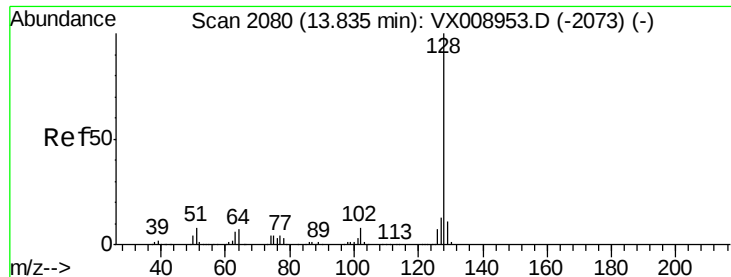
#94
 Hexachlorobutadiene
 Concen: 20.095 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Tgt Ion:225 Resp: 32406
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.1 93.2
 227 63.5 32.0 96.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

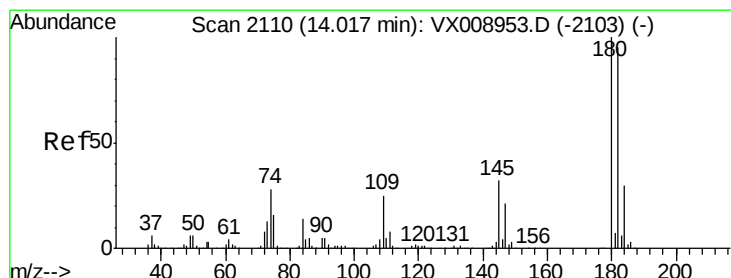
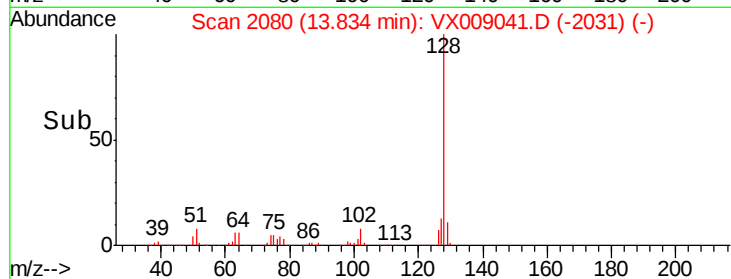
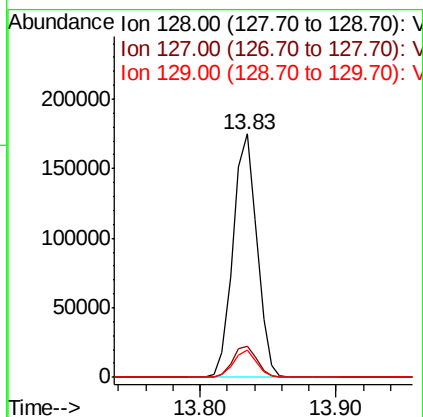
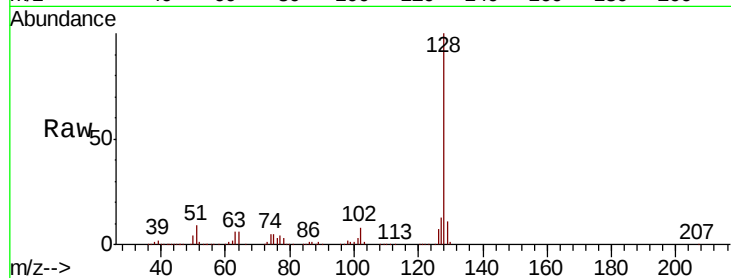




#95
Naphthalene
Concen: 20.702 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0418WBSD01

Tot Ion:128 Resp: 214453
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.387 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Tgt Ion:180 Resp: 65040
Ion Ratio Lower Upper
180 100
182 95.9 47.8 143.4
145 31.2 15.8 47.3

