

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042419\
 Data File : VX009138.D
 Acq On : 24 Apr 2019 12:27
 Operator : JC/SP
 Sample : VX0424WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

Quant Time: Apr 25 05:19:39 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	191639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	316422	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	272961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	127337	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	133847	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
35) Dibromofluoromethane	5.49	113	98941	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
50) Toluene-d8	8.71	98	390670	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
62) 4-Bromofluorobenzene	11.13	95	134245	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	46389	21.016	ug/l	98
3) Chloromethane	1.32	50	54306	20.040	ug/l	99
4) Vinyl Chloride	1.41	62	54604	20.703	ug/l	99
5) Bromomethane	1.64	94	32195	21.841	ug/l	97
6) Chloroethane	1.72	64	32864	21.190	ug/l	96
7) Trichlorofluoromethane	1.93	101	64926	21.084	ug/l	99
8) Diethyl Ether	2.19	74	30004	21.305	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	40845	20.745	ug/l	99
10) Methyl Iodide	2.51	142	38260	20.618	ug/l	100
11) Tert butyl alcohol	3.05	59	64920	108.292	ug/l	100
12) 1,1-Dichloroethene	2.37	96	42260	20.563	ug/l	98
13) Acrolein	2.29	56	37676	72.736	ug/l	98
14) Allyl chloride	2.73	41	97820	21.817	ug/l	99
15) Acrylonitrile	3.14	53	165297	108.619	ug/l	100
16) Acetone	2.45	43	152676	109.012	ug/l	99
17) Carbon Disulfide	2.57	76	121121	20.806	ug/l	99
18) Methyl Acetate	2.78	43	77203	22.087	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	158011	21.579	ug/l	99
20) Methylene Chloride	2.85	84	48818	20.383	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	44884	20.476	ug/l	90
22) Diisopropyl ether	3.85	45	192690	22.117	ug/l	98
23) Vinyl Acetate	3.81	43	858446	112.089	ug/l	98
24) 1,1-Dichloroethane	3.70	63	92736	21.204	ug/l	99
25) 2-Butanone	4.67	43	251393	112.296	ug/l	99
26) 2,2-Dichloropropane	4.59	77	68806	20.988	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	51872	20.843	ug/l	97
28) Bromochloromethane	5.01	49	45015	23.768	ug/l	99
29) Tetrahydrofuran	5.13	42	163546	109.148	ug/l	99
30) Chloroform	5.21	83	85452	21.834	ug/l	100
31) Cyclohexane	5.58	56	91173	21.195	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	69199	21.334	ug/l	99
36) 1,1-Dichloropropene	5.80	75	66040	20.180	ug/l	99
37) Ethyl Acetate	4.84	43	92785	22.034	ug/l	99
38) Carbon Tetrachloride	5.78	117	58213	20.983	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX042419\
 Data File : VX009138.D
 Acq On : 24 Apr 2019 12:27
 Operator : JC/SP
 Sample : VX0424WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0424WBSD01

Quant Time: Apr 25 05:19:39 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	81513	20.458	ug/l	99
40) Benzene	6.14	78	201782	20.901	ug/l	100
41) Methacrylonitrile	5.04	41	51940	21.491	ug/l	99
42) 1,2-Dichloroethane	6.19	62	72336	21.152	ug/l	100
43) Isopropyl Acetate	6.45	43	144936	21.358	ug/l	99
44) Trichloroethene	7.21	130	47730	20.178	ug/l	98
45) 1,2-Dichloropropane	7.51	63	57363	21.418	ug/l	99
46) Dibromomethane	7.66	93	32380	20.774	ug/l	99
47) Bromodichloromethane	7.90	83	63892	20.899	ug/l	98
48) Methyl methacrylate	7.77	41	71660	21.372	ug/l	99
49) 1,4-Dioxane	7.74	88	26182	417.191	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	471688	109.107	ug/l	99
52) Toluene	8.78	92	118296	20.446	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	72167	20.511	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	81501	20.688	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	48432	21.121	ug/l	99
56) Ethyl methacrylate	9.18	69	85025	20.679	ug/l	99
57) 1,3-Dichloropropane	9.37	76	86509	21.188	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	215460	97.309	ug/l	99
59) 2-Hexanone	9.49	43	362051	108.624	ug/l	98
60) Dibromochloromethane	9.58	129	46997	21.384	ug/l	98
61) 1,2-Dibromoethane	9.67	107	49923	21.094	ug/l	100
64) Tetrachloroethene	9.34	164	42470	20.481	ug/l	97
65) Chlorobenzene	10.13	112	118284	20.530	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	43242	21.305	ug/l	100
67) Ethyl Benzene	10.25	91	220028	20.891	ug/l	99
68) m/p-Xylenes	10.36	106	159021	41.545	ug/l	99
69) o-Xylene	10.69	106	77928	20.924	ug/l	99
70) Styrene	10.71	104	132804	20.577	ug/l	99
71) Bromoform	10.85	173	33782	20.892	ug/l #	100
73) Isopropylbenzene	11.02	105	207724	21.521	ug/l	100
74) N-amyl acetate	10.90	43	119441	21.552	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	76995	21.832	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	89567	28.806	ug/l	82
77) Bromobenzene	11.26	156	50383	20.689	ug/l	98
78) n-propylbenzene	11.36	91	236233	21.324	ug/l	100
79) 2-Chlorotoluene	11.42	91	140569	21.056	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	173160	21.379	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	24671	20.370	ug/l	94
82) 4-Chlorotoluene	11.51	91	160597	20.714	ug/l	100
83) tert-Butylbenzene	11.77	119	165540	21.288	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	174694	21.189	ug/l	100
85) sec-Butylbenzene	11.94	105	198097	21.359	ug/l	100
86) p-Isopropyltoluene	12.06	119	178937	20.985	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	87927	20.629	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	86808	20.091	ug/l	99
89) n-Butylbenzene	12.38	91	164646	20.733	ug/l	99
90) Hexachloroethane	12.60	117	29984	21.318	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	87010	20.673	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16719	20.822	ug/l	98

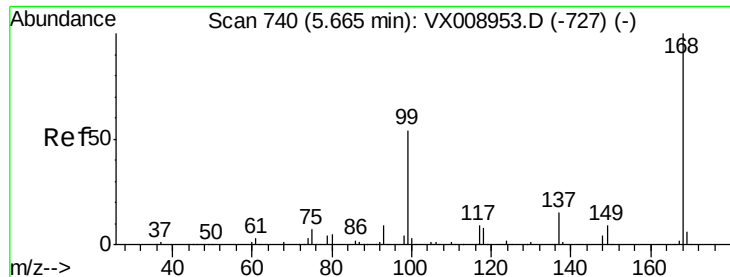
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX042419\
Data File : VX009138.D
Acq On : 24 Apr 2019 12:27
Operator : JC/SP
Sample : VX0424WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

Quant Time: Apr 25 05:19:39 2019
Quant Method : Z:\V0ASRV\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	60768	20.001	ug/l	100
94) Hexachlorobutadiene	13.78	225	30802	20.327	ug/l	99
95) Naphthalene	13.83	128	200460	20.594	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	60826	20.291	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009138.D

Acq: 24 Apr 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

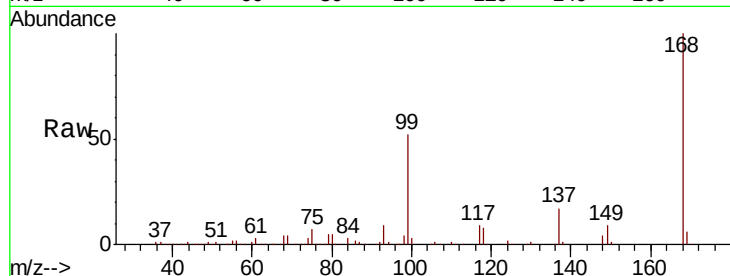
VX0424WBSD01

Tgt Ion:168 Resp: 191639

Ion Ratio Lower Upper

168 100

99 52.4 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

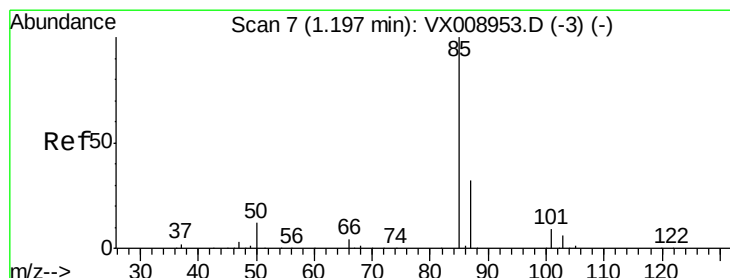
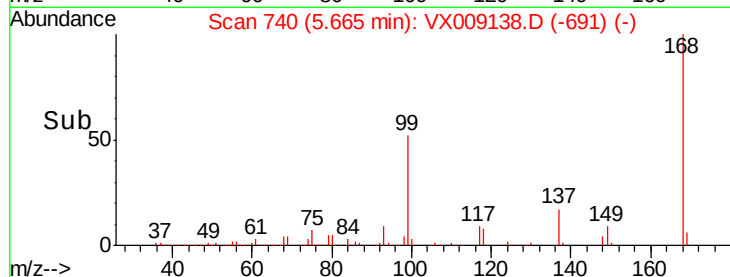
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 21.016 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009138.D

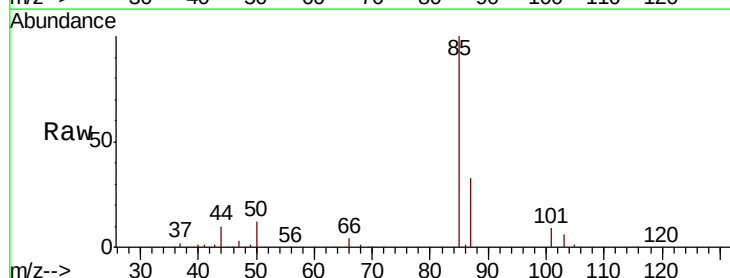
Acq: 24 Apr 2019 12:27

Tgt Ion: 85 Resp: 46389

Ion Ratio Lower Upper

85 100

87 32.8 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

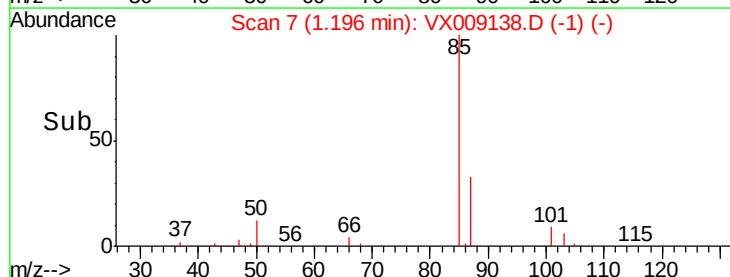
30000

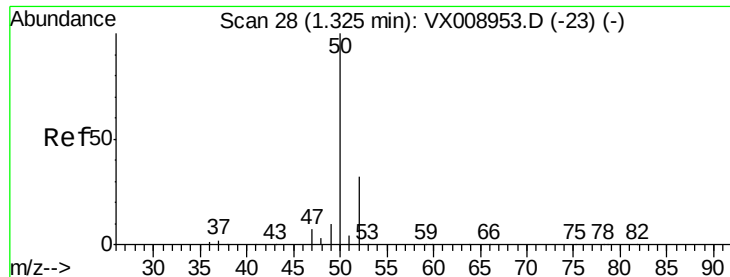
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 20.040 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009138.D

Acq: 24 Apr 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

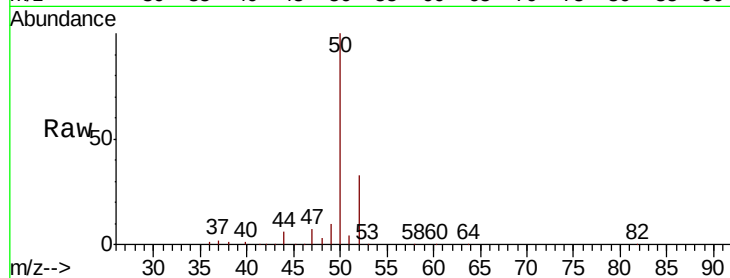
VX0424WBSD01

Tgt Ion: 50 Resp: 54306

Ion Ratio Lower Upper

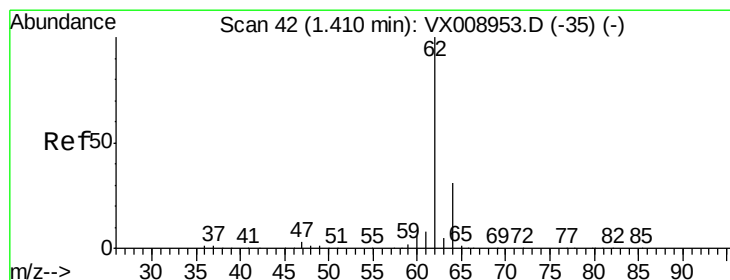
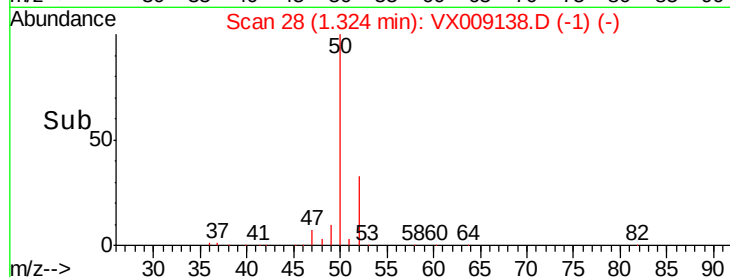
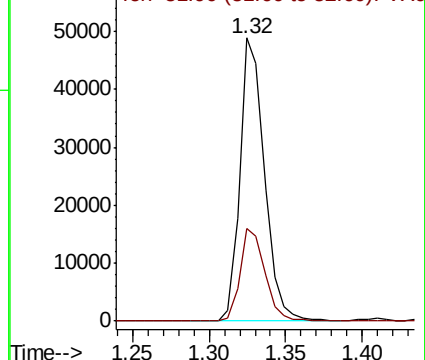
50 100

52 32.6 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: 20.703 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009138.D

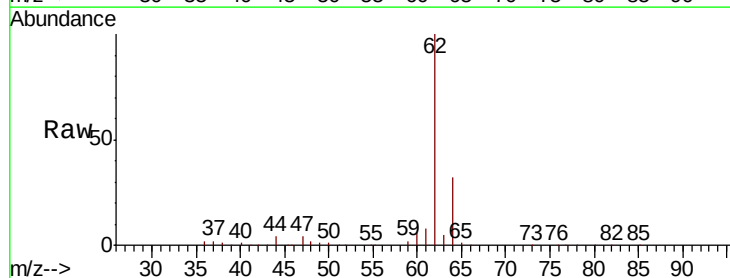
Acq: 24 Apr 2019 12:27

Tgt Ion: 62 Resp: 54604

Ion Ratio Lower Upper

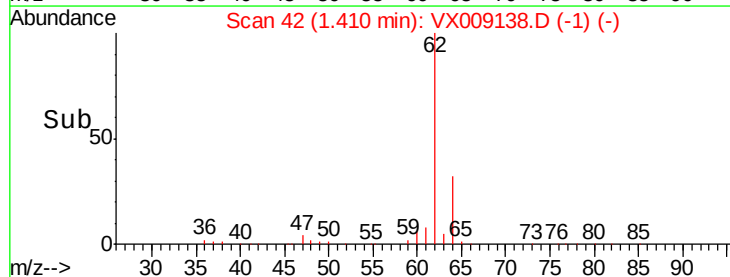
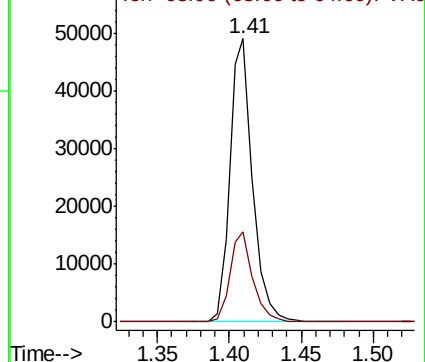
62 100

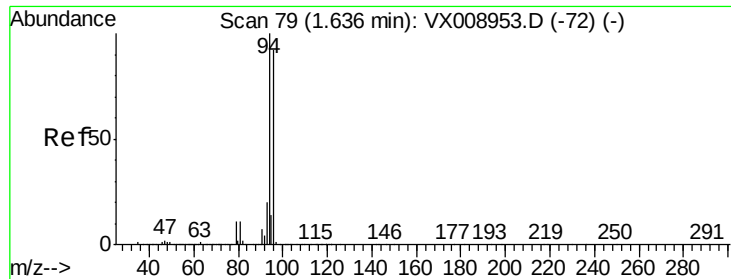
64 31.7 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.841 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009138.D

Acq: 24 Apr 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

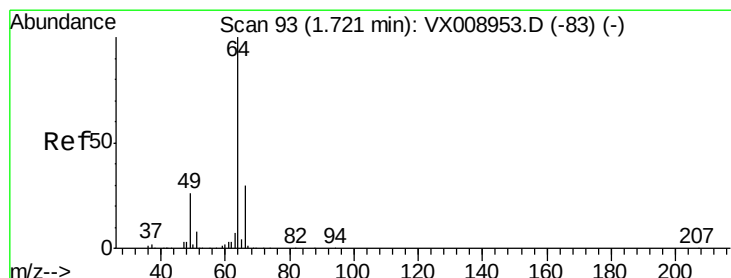
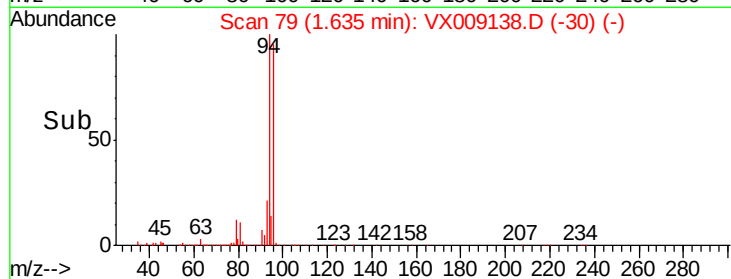
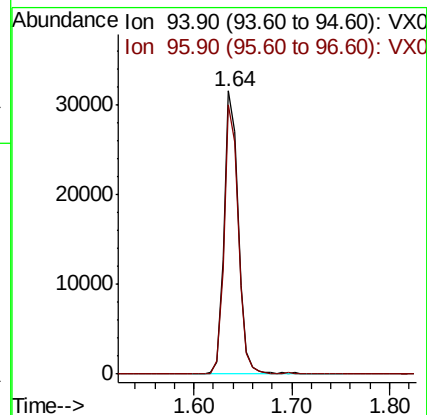
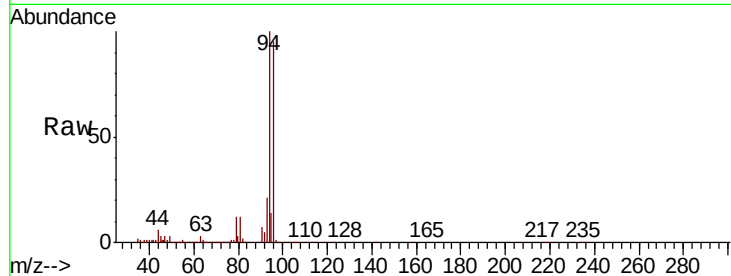
VX0424WBSD01

Tgt Ion: 94 Resp: 32195

Ion Ratio Lower Upper

94 100

96 95.2 73.9 110.9



#6

Chloroethane

Concen: 21.190 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX009138.D

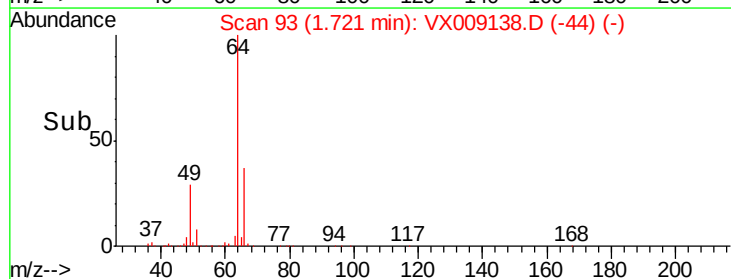
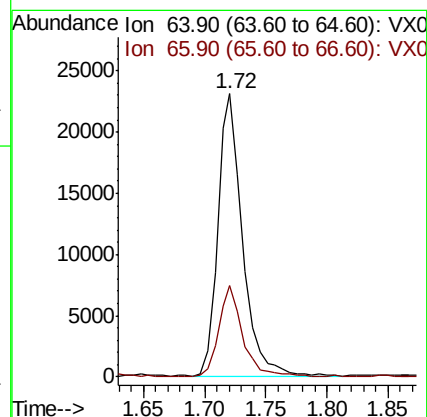
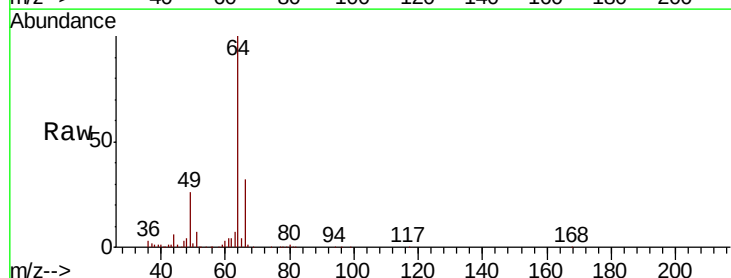
Acq: 24 Apr 2019 12:27

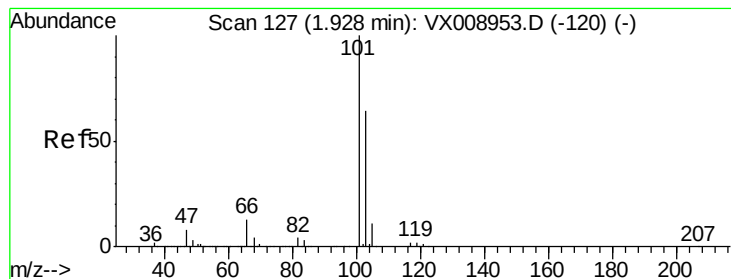
Tgt Ion: 64 Resp: 32864

Ion Ratio Lower Upper

64 100

66 32.4 24.2 36.2



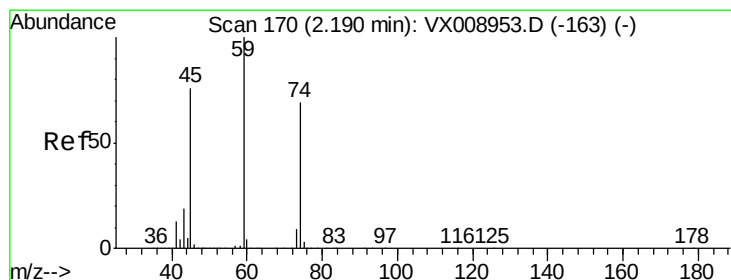
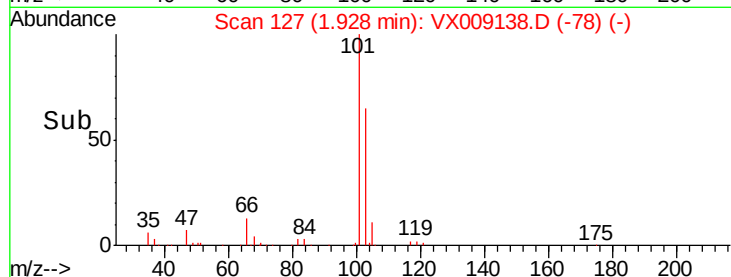
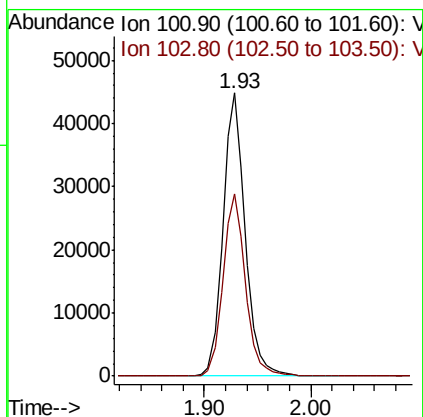
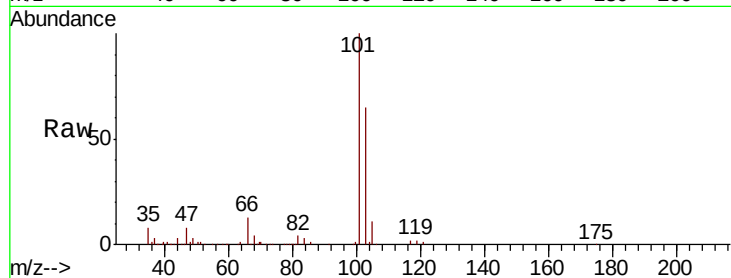


#7

Trichlorofluoromethane
 Concen: 21.084 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX009138.D
 Acq: 24 Apr 2019 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

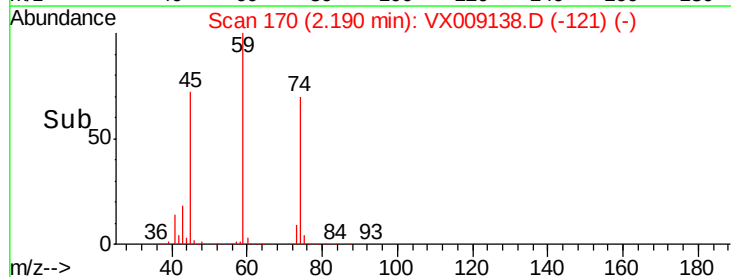
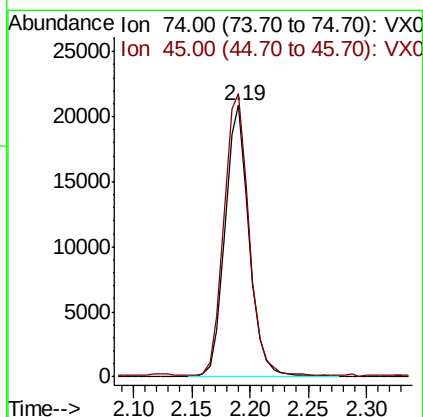
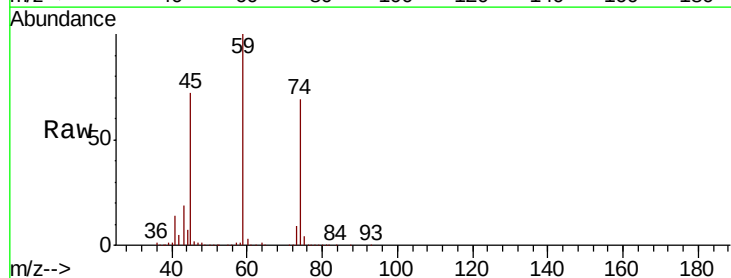
Tgt Ion:101 Resp: 64926
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.0 76.6

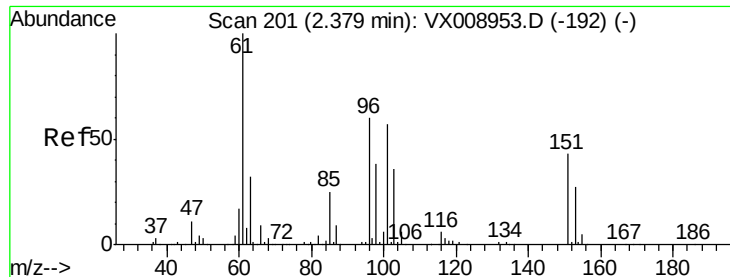


#8

Diethyl Ether
 Concen: 21.305 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX009138.D
 Acq: 24 Apr 2019 12:27

Tgt Ion: 74 Resp: 30004
 Ion Ratio Lower Upper
 74 100
 45 106.8 54.9 164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.745 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009138.D

Acq: 24 Apr 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

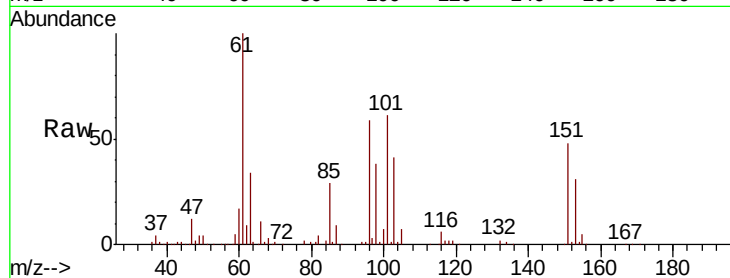
Tgt Ion:101 Resp: 40845

Ion Ratio Lower Upper

101 100

85 45.9 35.7 53.5

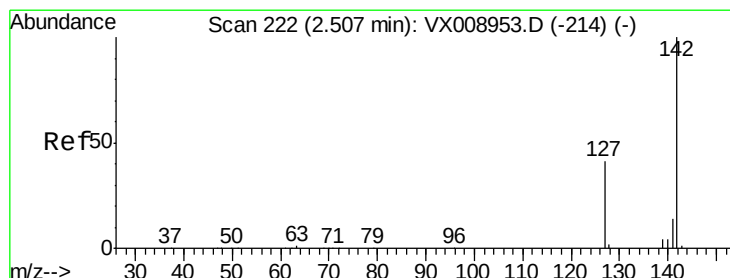
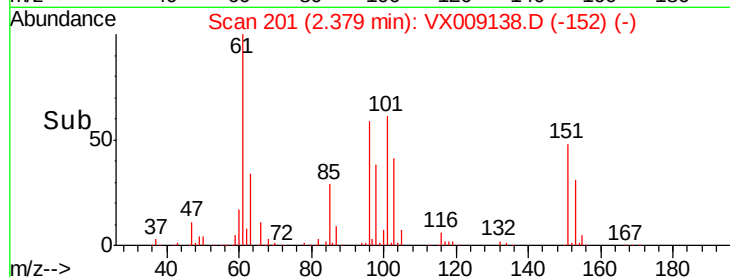
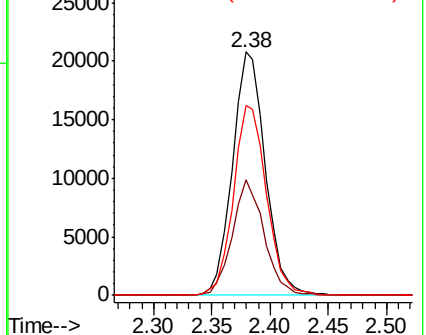
151 78.5 62.7 94.1



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: 20.618 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009138.D

Acq: 24 Apr 2019 12:27

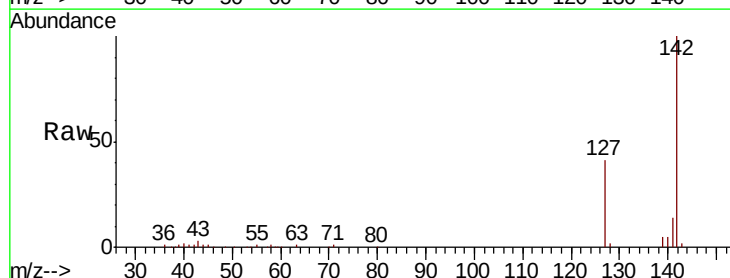
Tgt Ion:142 Resp: 38260

Ion Ratio Lower Upper

142 100

127 41.1 32.8 49.2

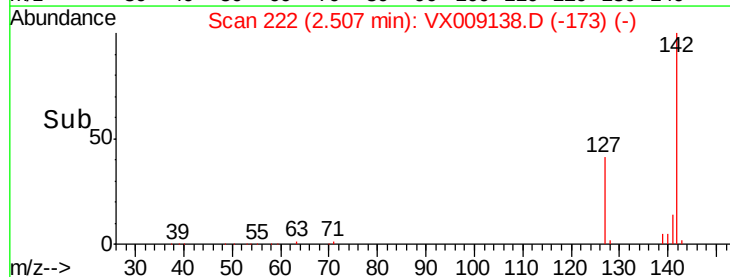
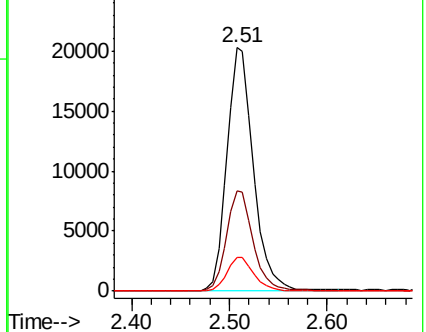
141 14.0 11.4 17.2

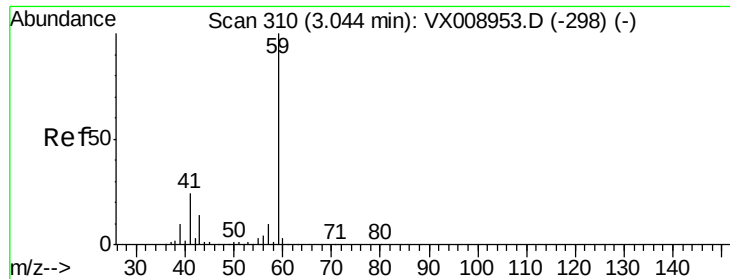


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

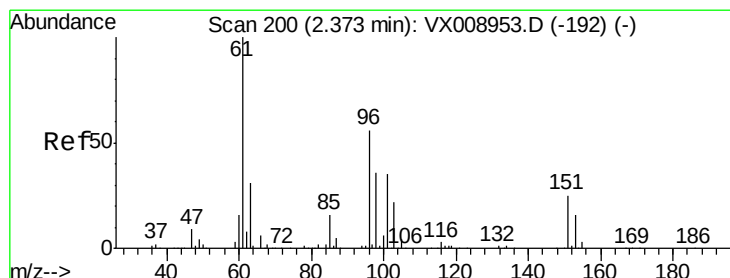
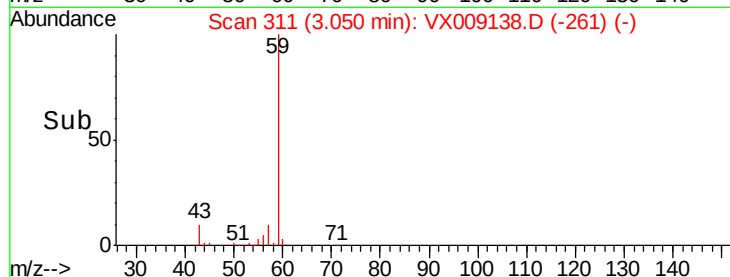
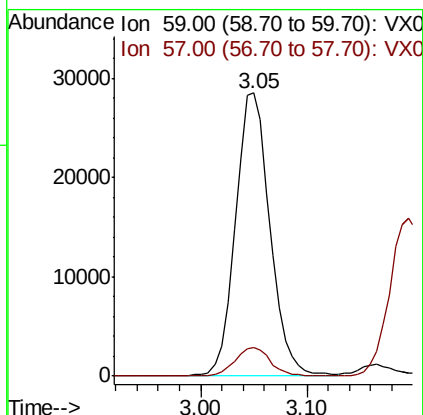
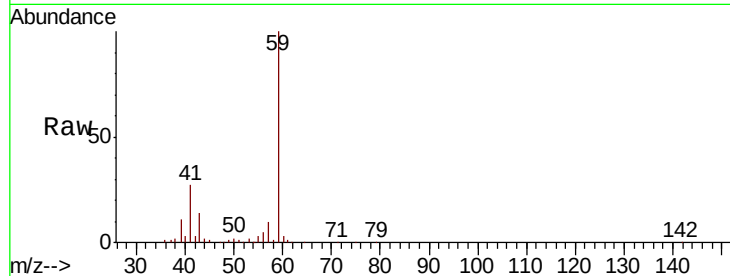




#11
Tert butyl alcohol
Concen: 108.292 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.01 min
Lab File: VX009138.D
Acq: 24 Apr 2019 12:27

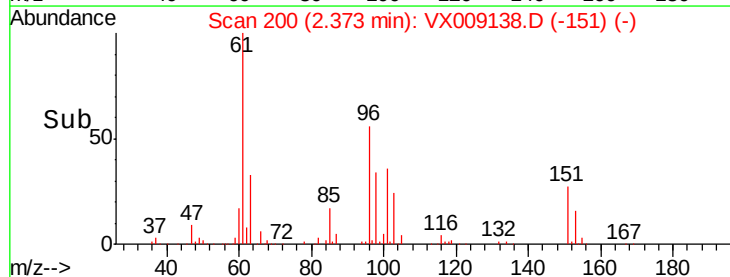
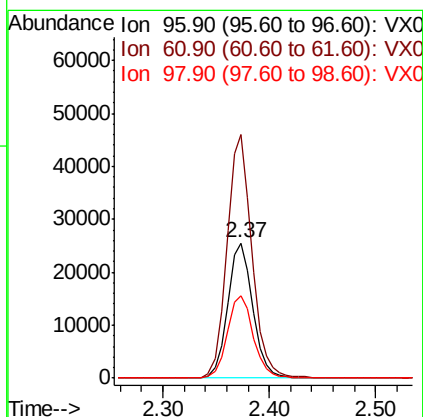
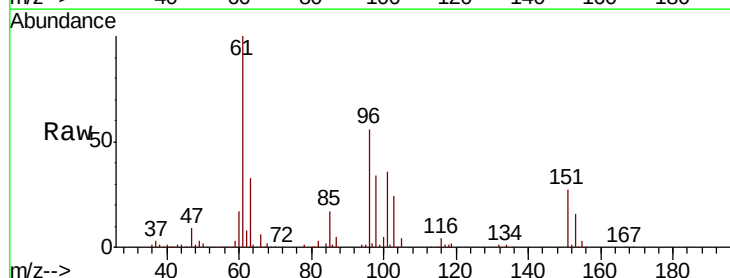
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

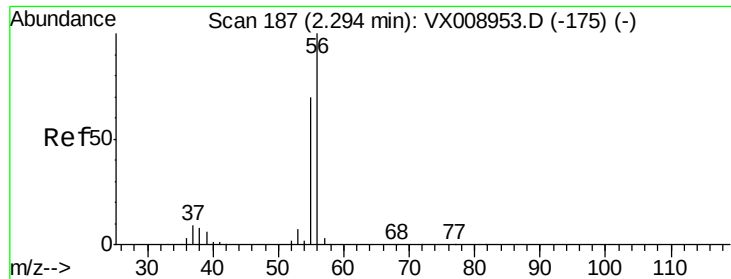
Tgt Ion: 59 Resp: 64920
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6



#12
1,1-Dichloroethene
Concen: 20.563 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX009138.D
Acq: 24 Apr 2019 12:27

Tgt Ion: 96 Resp: 42260
Ion Ratio Lower Upper
96 100
61 180.2 142.2 213.2
98 61.2 50.9 76.3





#13

Acrolein

Concen: 72.736 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009138.D

Acq: 24 Apr 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

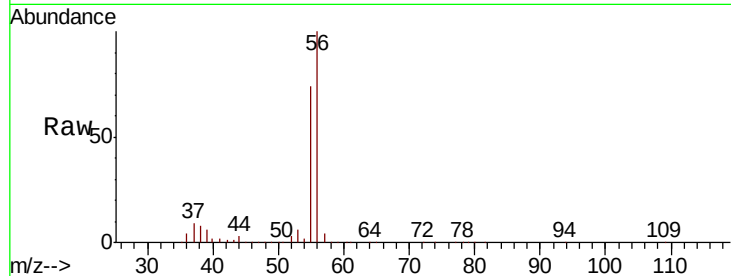
VX0424WBSD01

Tgt Ion: 56 Resp: 37676

Ion Ratio Lower Upper

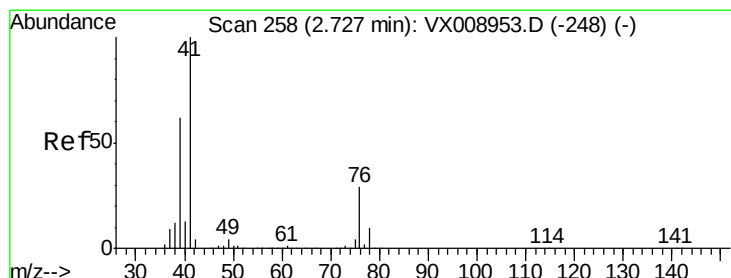
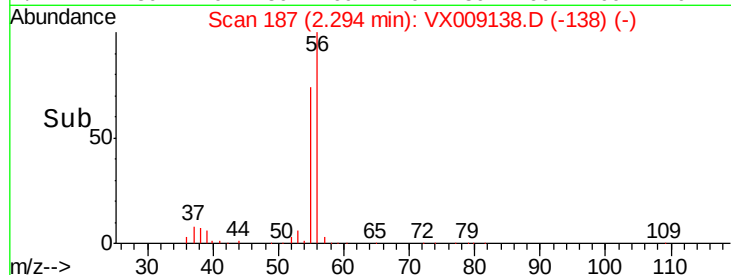
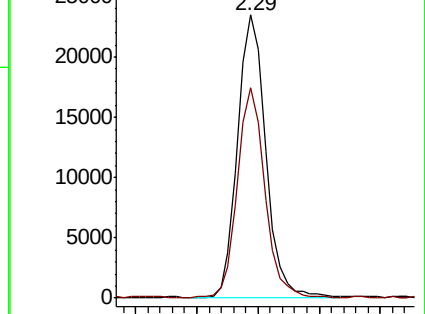
56 100

55 72.2 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 21.817 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009138.D

Acq: 24 Apr 2019 12:27

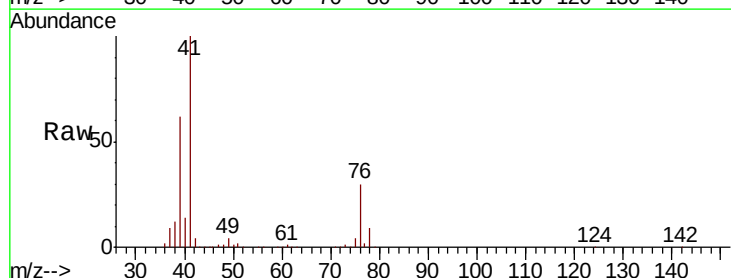
Tgt Ion: 41 Resp: 97820

Ion Ratio Lower Upper

41 100

39 59.1 46.7 70.1

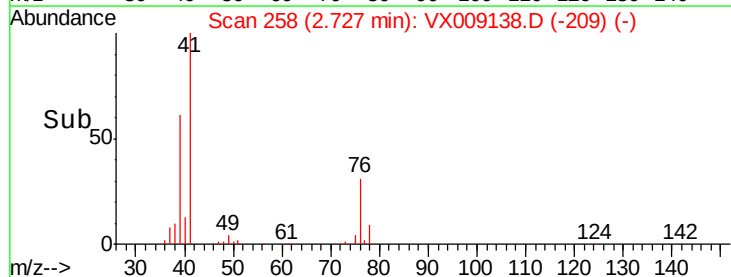
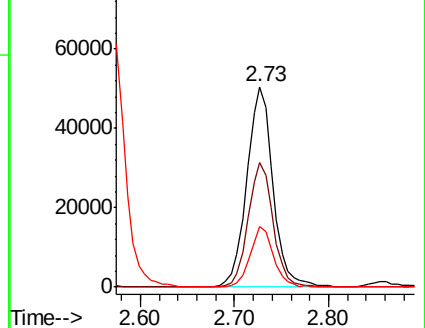
76 27.3 22.0 33.0

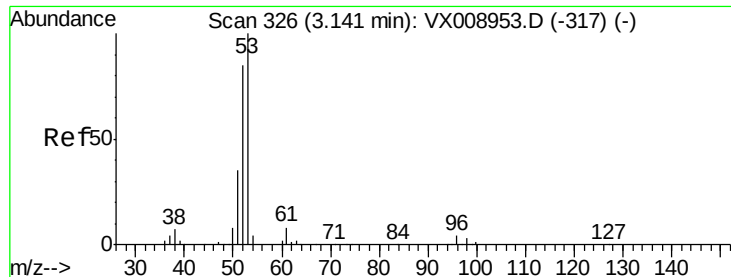


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 108.619 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009138.D

Acq: 24 Apr 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

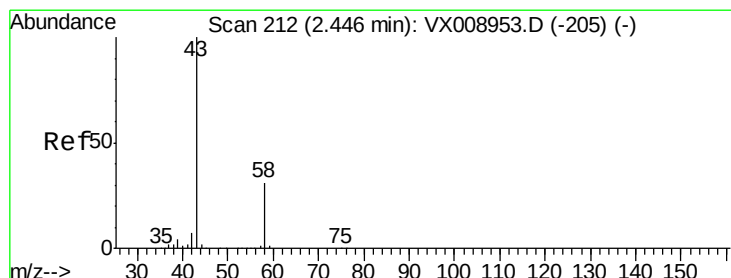
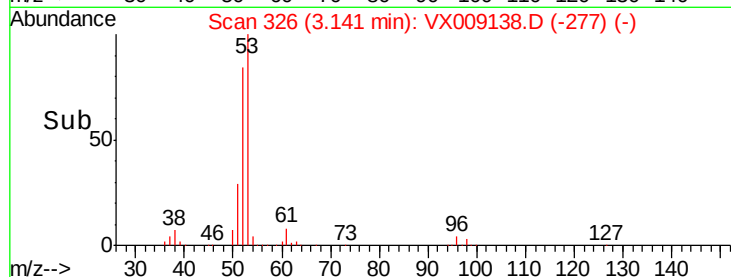
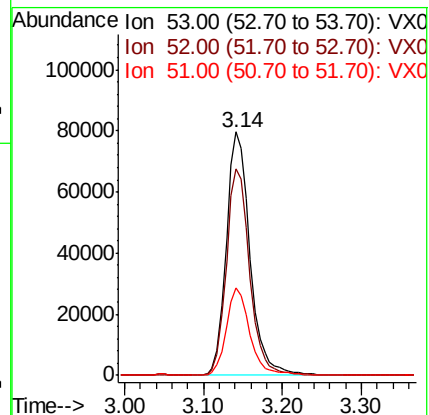
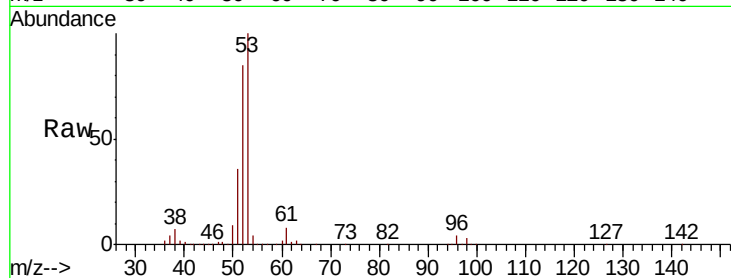
Tgt Ion: 53 Resp: 165297

Ion Ratio Lower Upper

53 100

52 83.7 66.6 100.0

51 35.6 28.3 42.5



#16

Acetone

Concen: 109.012 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009138.D

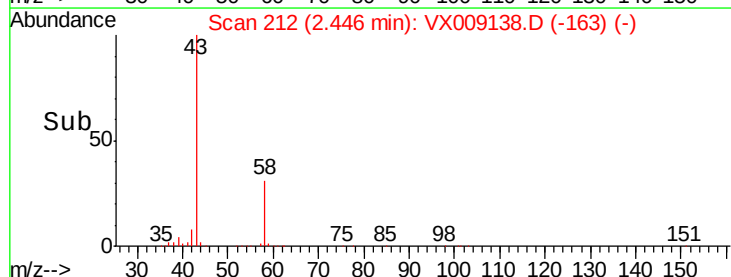
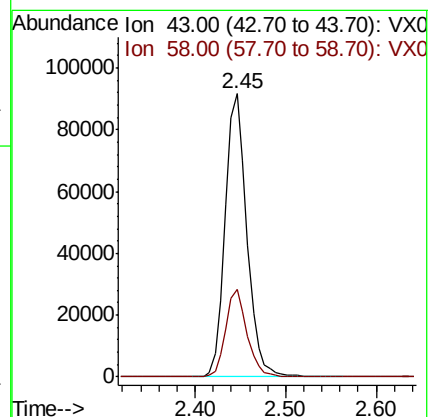
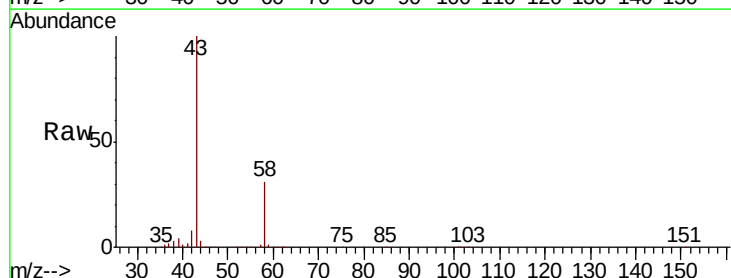
Acq: 24 Apr 2019 12:27

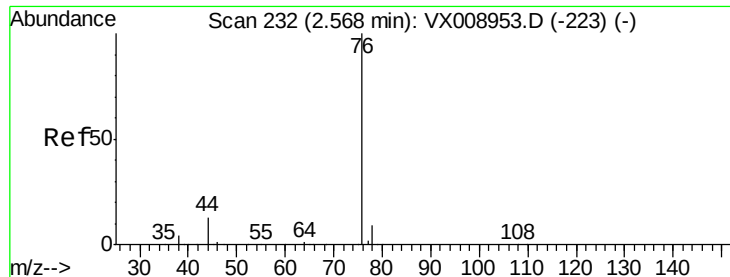
Tgt Ion: 43 Resp: 152676

Ion Ratio Lower Upper

43 100

58 30.7 24.8 37.2

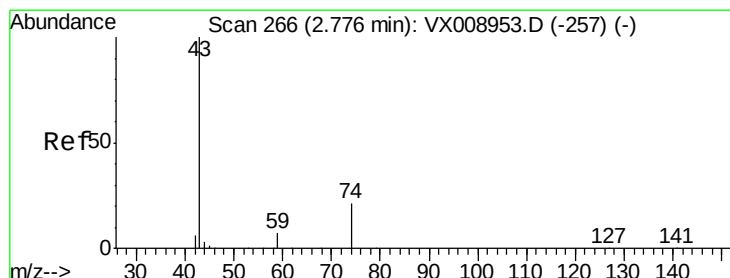
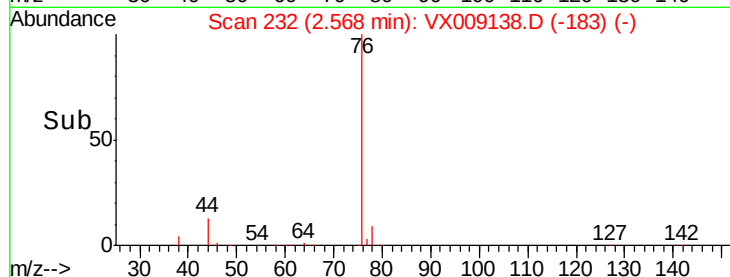
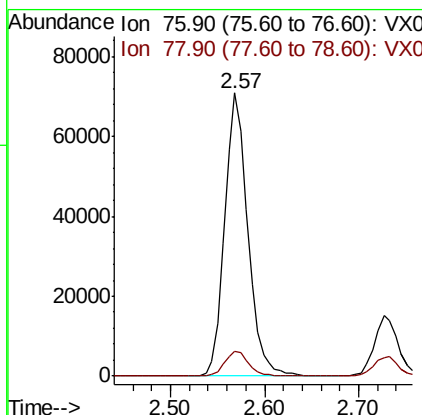
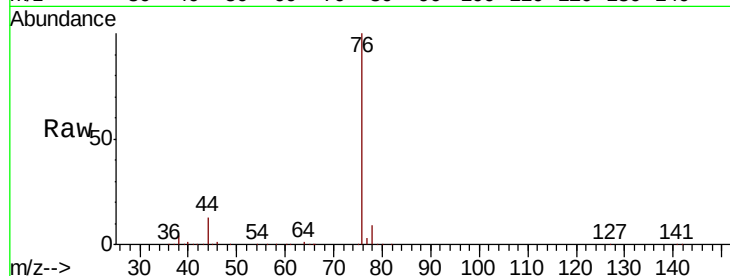




#17
Carbon Disulfide
Concen: 20.806 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009138.D
Acq: 24 Apr 2019 12:27

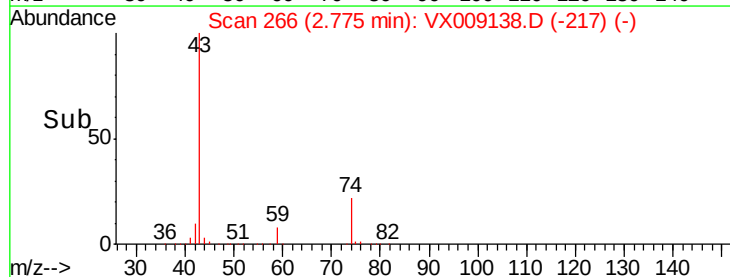
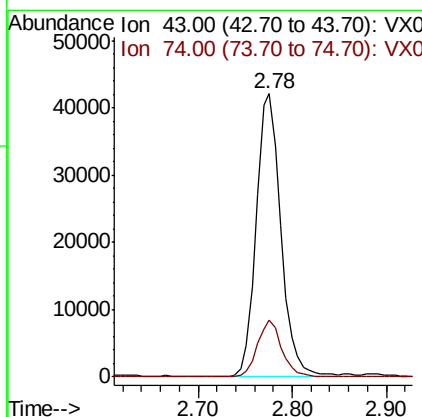
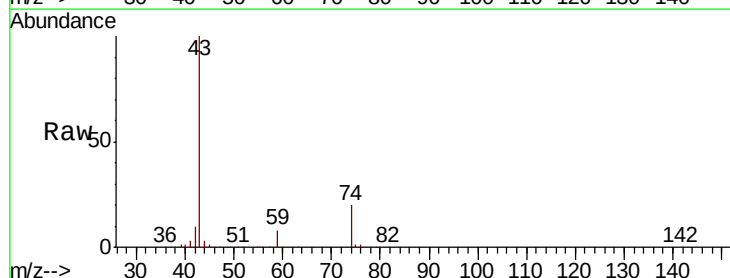
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

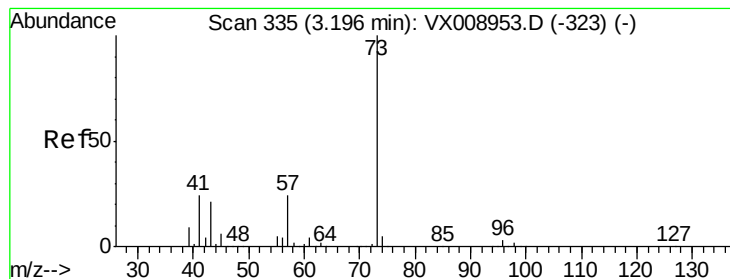
Tgt Ion: 76 Resp: 121121
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 22.087 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009138.D
Acq: 24 Apr 2019 12:27

Tgt Ion: 43 Resp: 77203
Ion Ratio Lower Upper
43 100
74 20.1 16.6 25.0



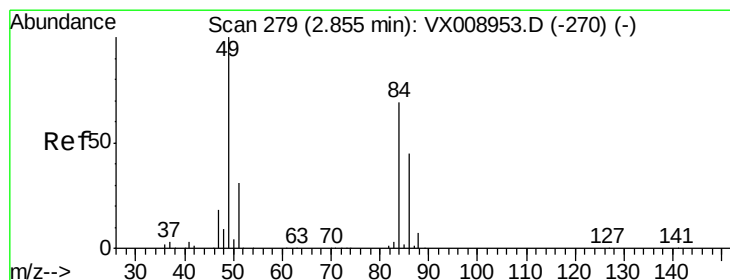
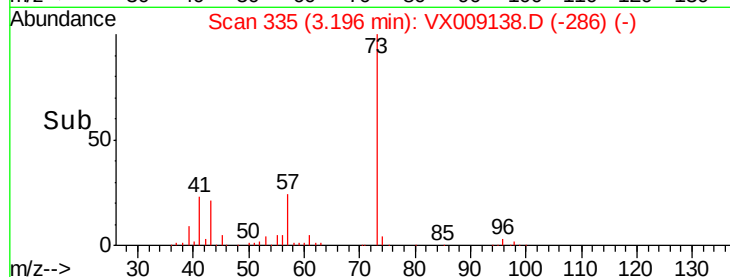
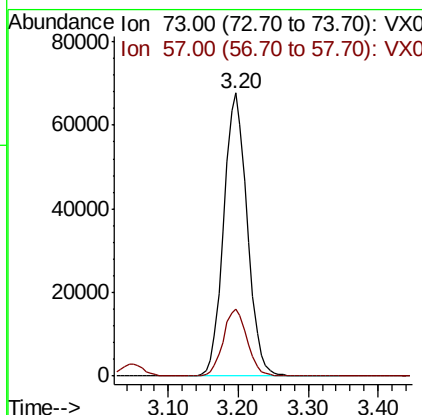
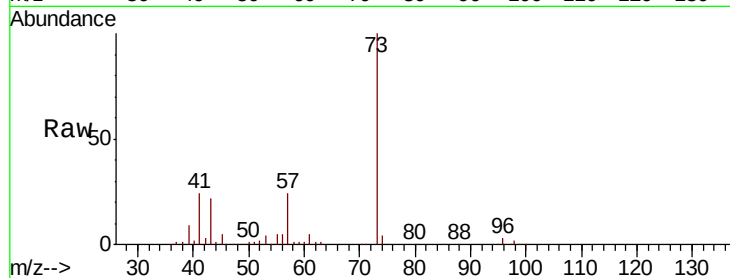


#19

Methyl tert-butyl Ether
 Concen: 21.579 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX009138.D
 Acq: 24 Apr 2019 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

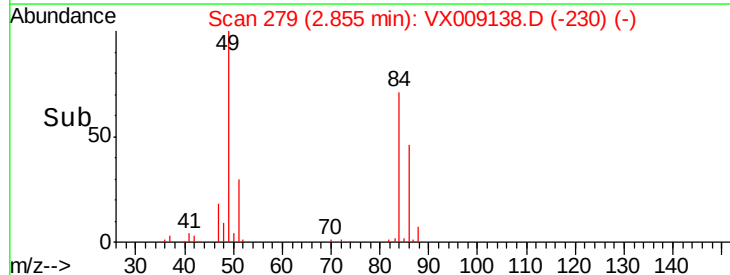
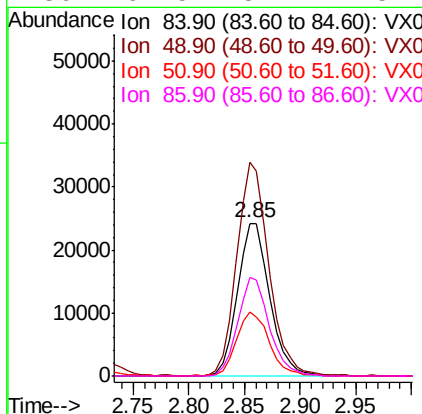
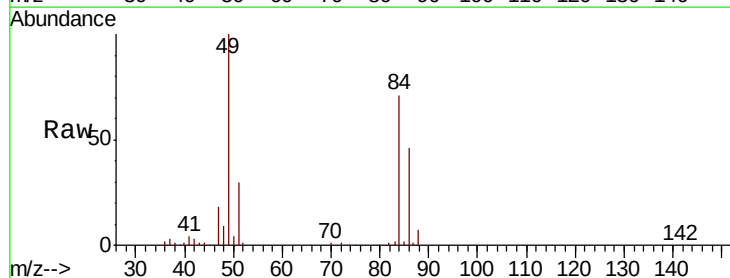
Tgt Ion: 73 Resp: 158011
 Ion Ratio Lower Upper
 73 100
 57 23.6 19.2 28.8

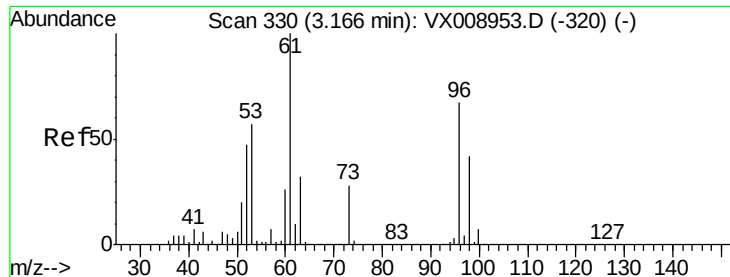


#20

Methylene Chloride
 Concen: 20.383 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009138.D
 Acq: 24 Apr 2019 12:27

Tgt Ion: 84 Resp: 48818
 Ion Ratio Lower Upper
 84 100
 49 140.1 115.4 173.0
 51 41.6 35.8 53.6
 86 64.5 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 20.476 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009138.D

Acq: 24 Apr 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

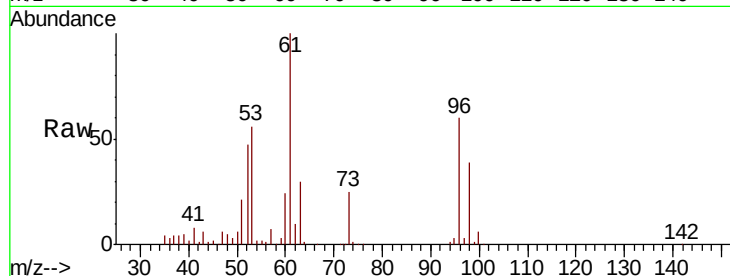
Tgt Ion: 96 Resp: 44884

Ion Ratio Lower Upper

96 100

61 167.0 120.3 180.5

98 64.7 50.2 75.2

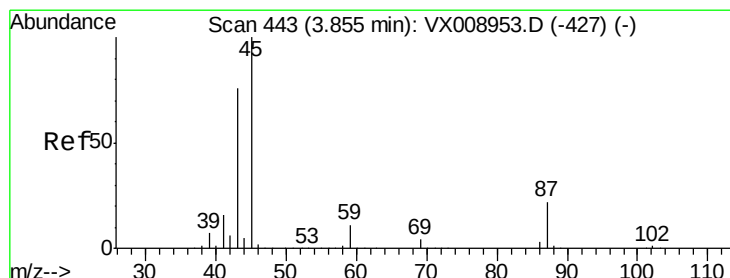
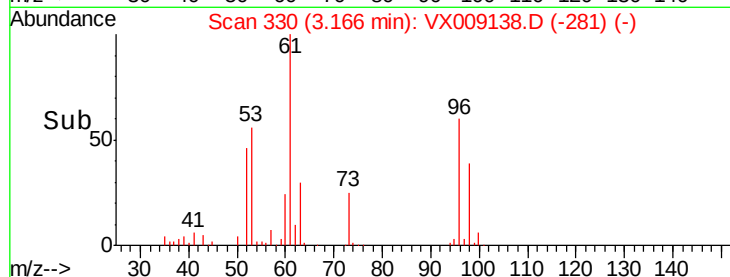
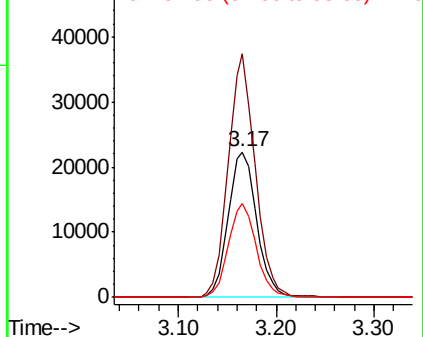


Abundance

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: 22.117 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009138.D

Acq: 24 Apr 2019 12:27

Tgt Ion: 45 Resp: 192690

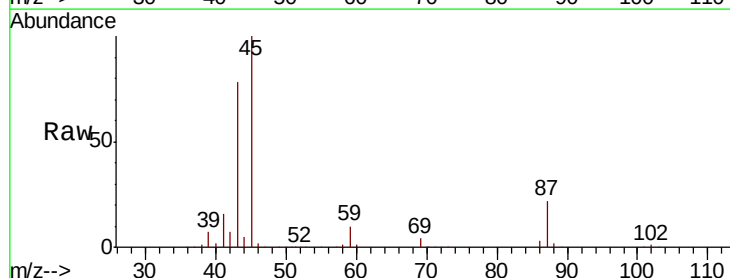
Ion Ratio Lower Upper

45 100

43 78.0 60.6 91.0

87 22.3 17.8 26.8

59 10.4 8.7 13.1



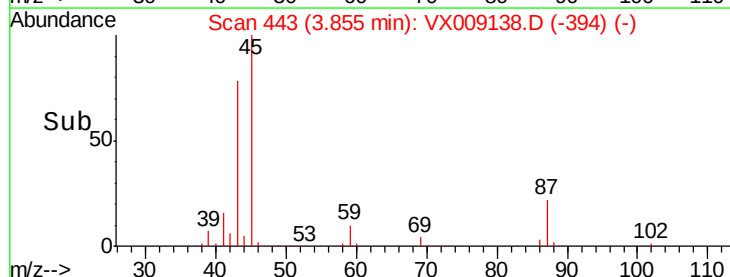
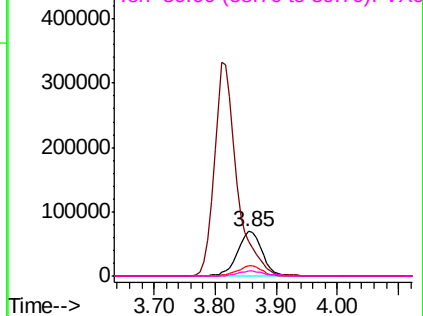
Abundance

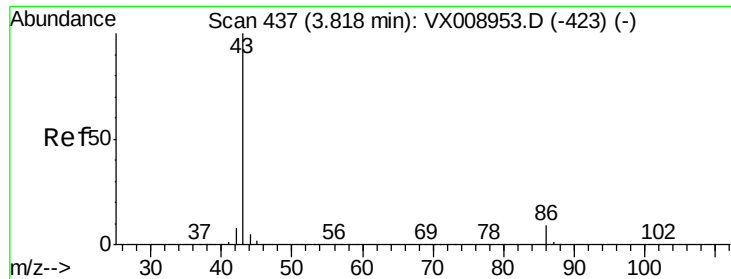
Ion 45.00 (44.70 to 45.70): VX0

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: 112.089 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX009138.D

Acq: 24 Apr 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

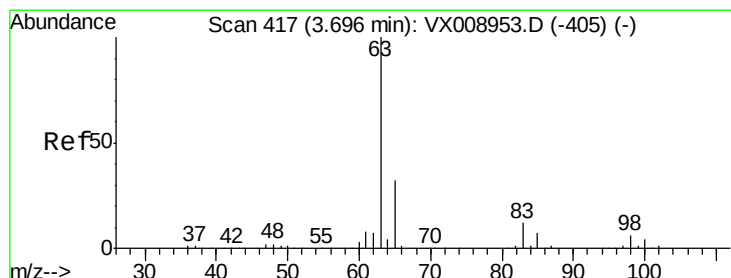
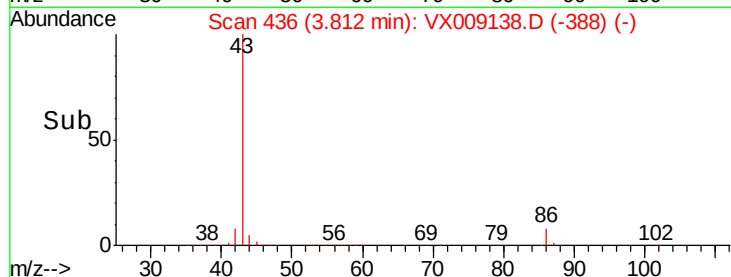
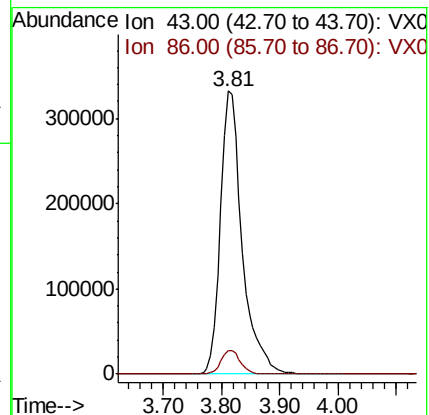
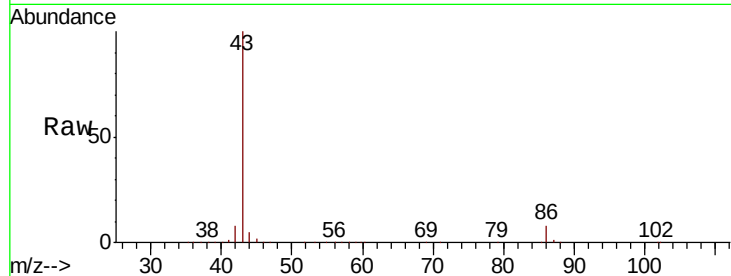
VX0424WBSD01

Tgt Ion: 43 Resp: 858446

Ion Ratio Lower Upper

43 100

86 8.3 7.1 10.7



#24

1,1-Dichloroethane

Concen: 21.204 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009138.D

Acq: 24 Apr 2019 12:27

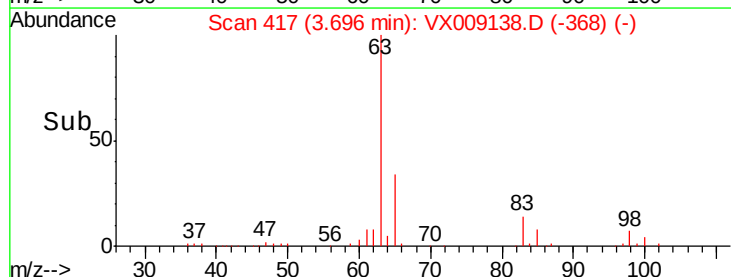
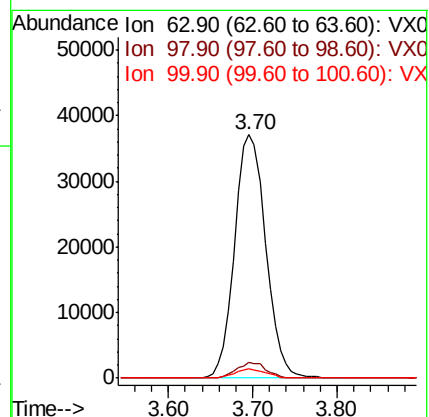
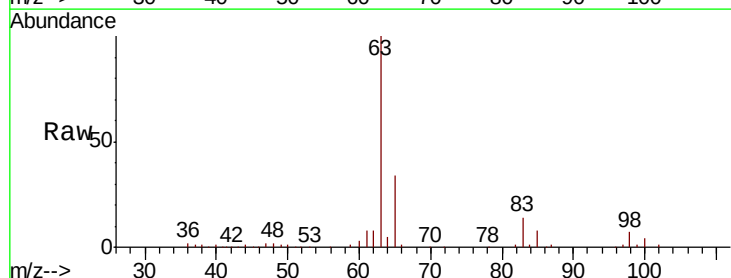
Tgt Ion: 63 Resp: 92736

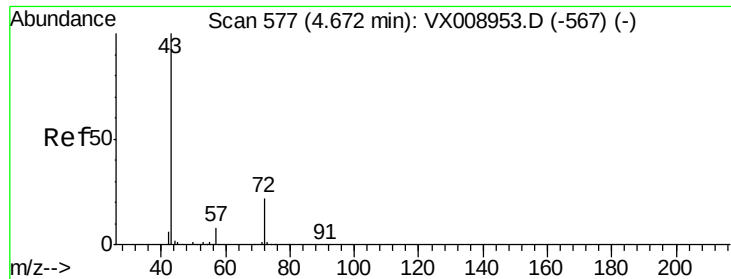
Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.3

100 3.8 1.9 5.7





#25

2-Butanone

Concen: 112.296 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009138.D

Acq: 24 Apr 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

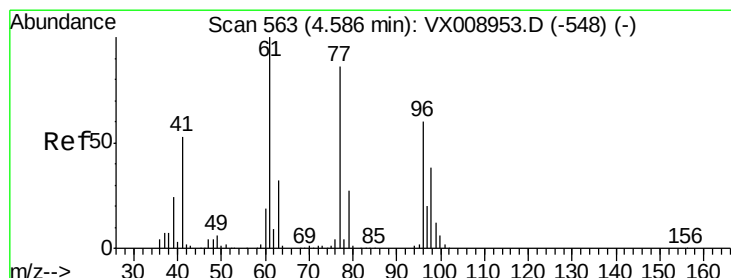
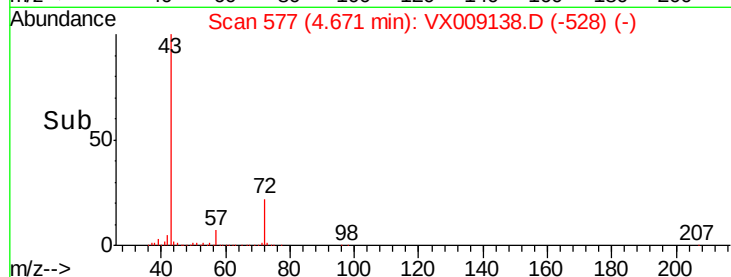
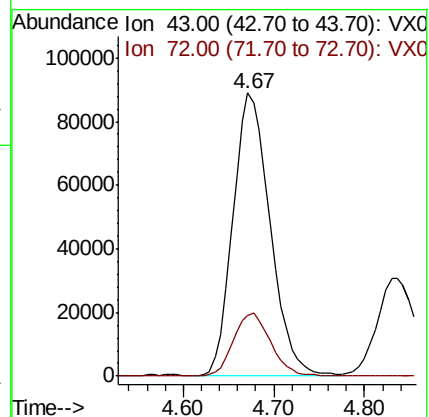
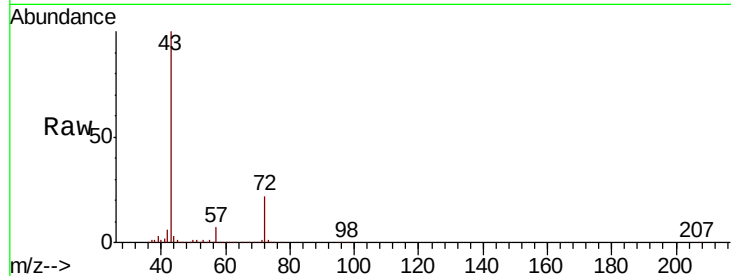
VX0424WBSD01

Tgt Ion: 43 Resp: 251393

Ion Ratio Lower Upper

43 100

72 21.5 17.5 26.3



#26

2,2-Dichloropropane

Concen: 20.988 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX009138.D

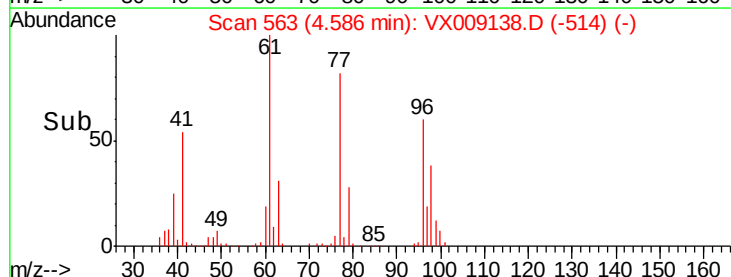
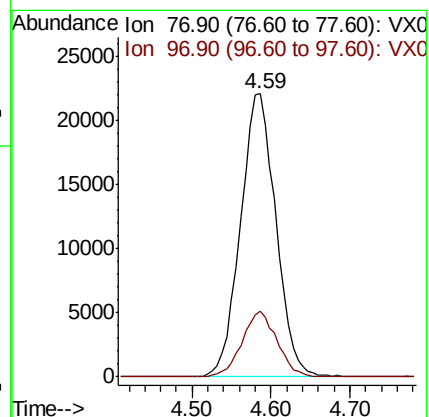
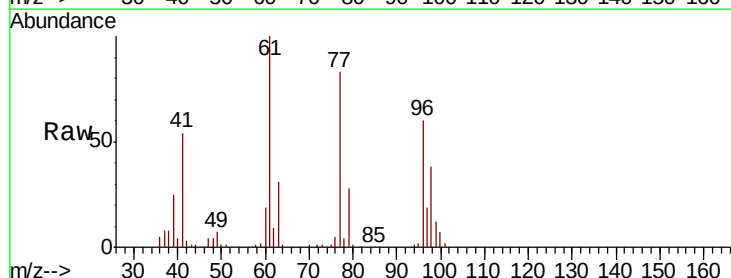
Acq: 24 Apr 2019 12:27

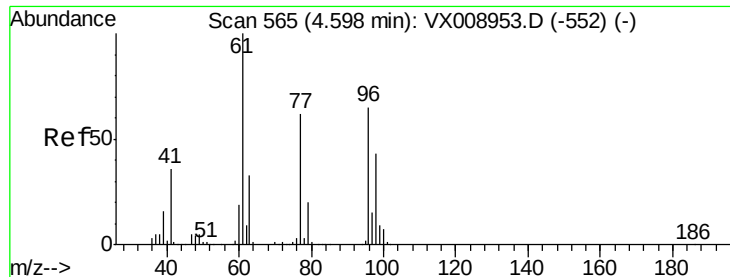
Tgt Ion: 77 Resp: 68806

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.0



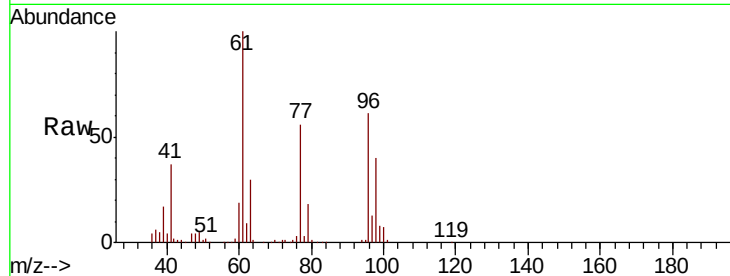


#27

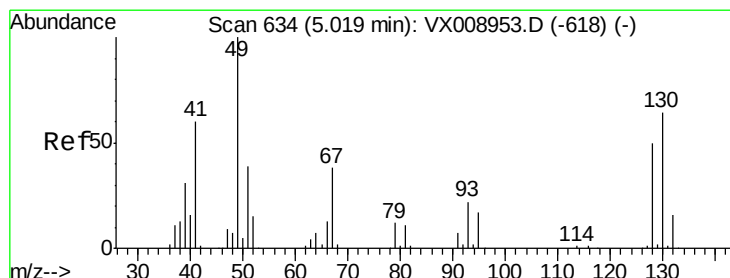
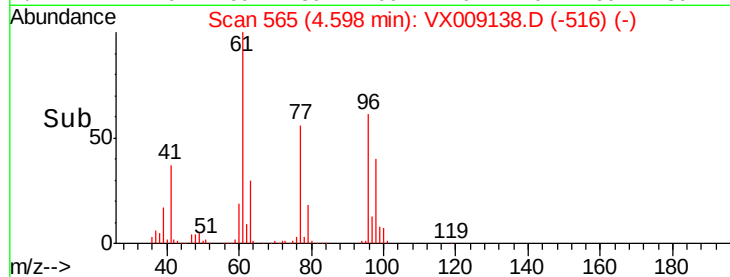
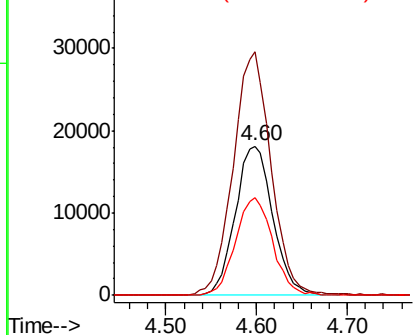
cis-1,2-Dichloroethene
Concen: 20.843 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX009138.D
Acq: 24 Apr 2019 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

Tgt Ion: 96 Resp: 51872
Ion Ratio Lower Upper
96 100
61 165.6 0.0 322.0
98 65.1 0.0 128.4



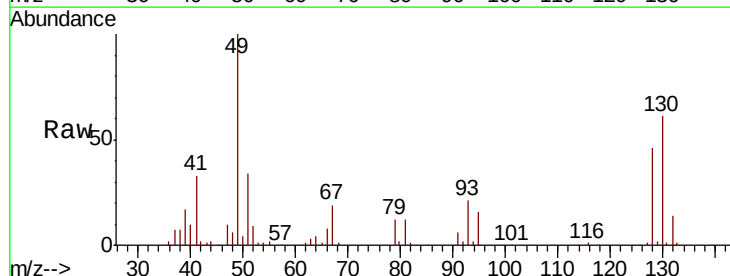
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



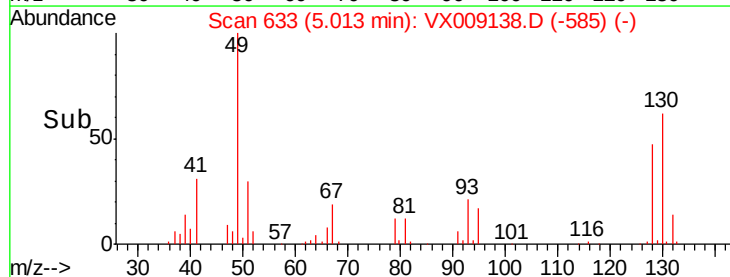
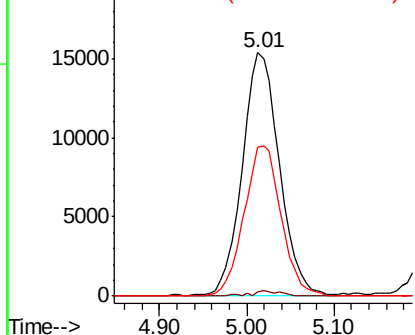
#28

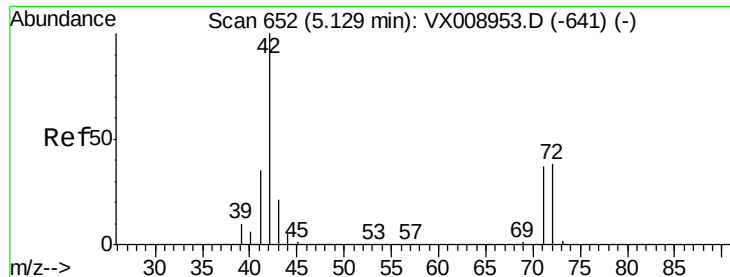
Bromochloromethane
Concen: 23.768 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX009138.D
Acq: 24 Apr 2019 12:27

Tgt Ion: 49 Resp: 45015
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.6
130 62.4 50.4 75.6



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 109.148 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX009138.D

Acq: 24 Apr 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

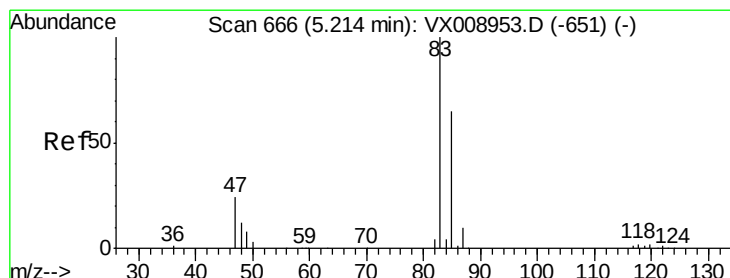
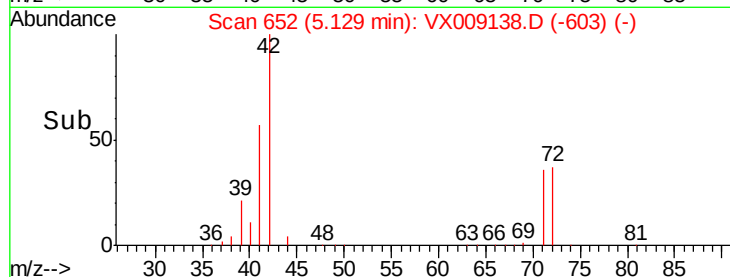
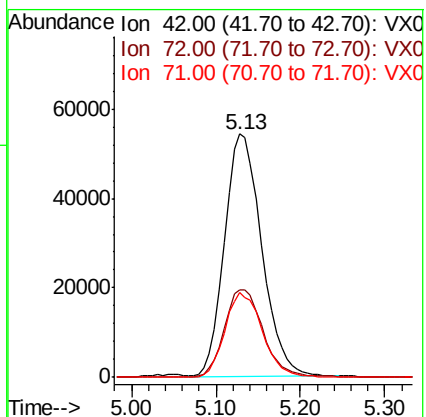
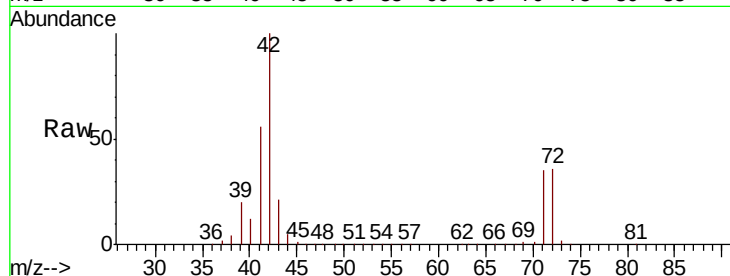
Tgt Ion: 42 Resp: 163546

Ion Ratio Lower Upper

42 100

72 37.9 30.6 45.8

71 35.5 28.8 43.2



#30

Chloroform

Concen: 21.834 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX009138.D

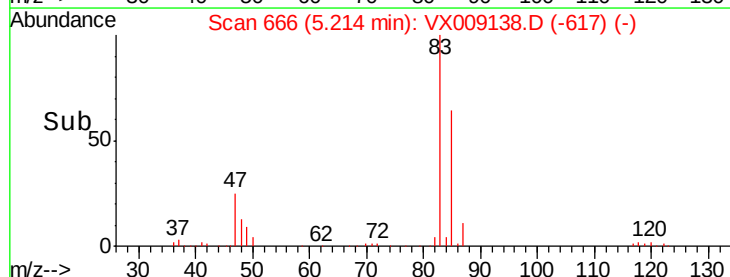
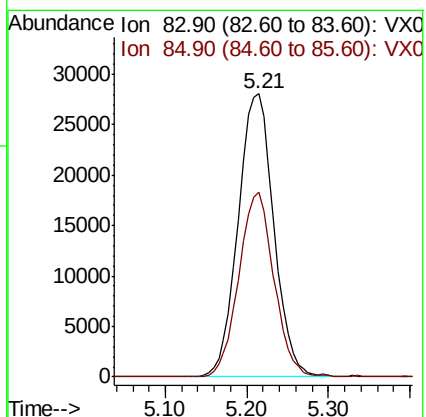
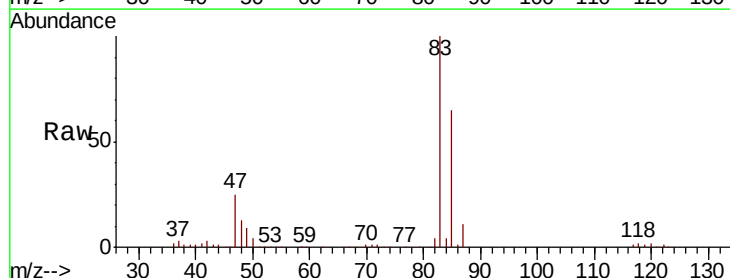
Acq: 24 Apr 2019 12:27

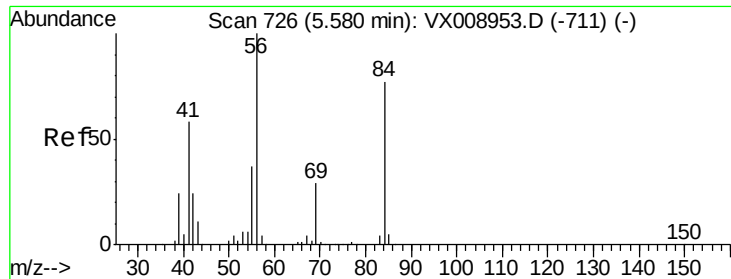
Tgt Ion: 83 Resp: 85452

Ion Ratio Lower Upper

83 100

85 65.1 51.9 77.9

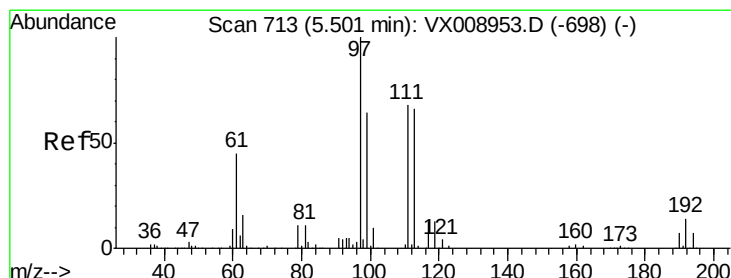
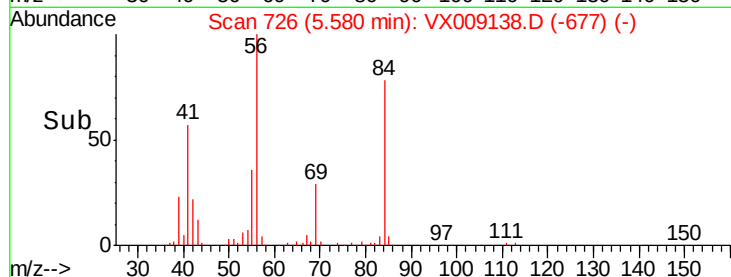
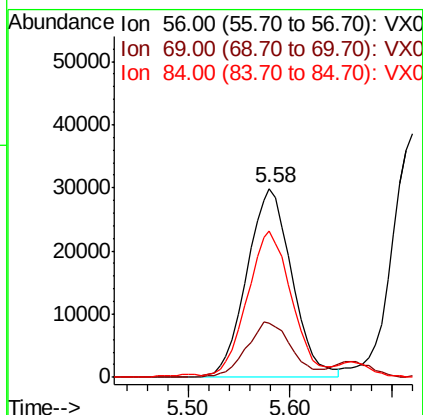
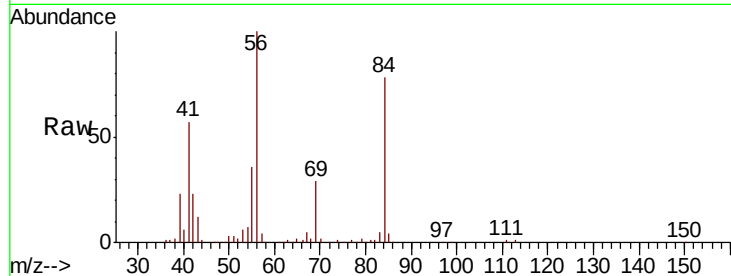




#31
Cyclohexane
Concen: 21.195 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009138.D
Acq: 24 Apr 2019 12:27

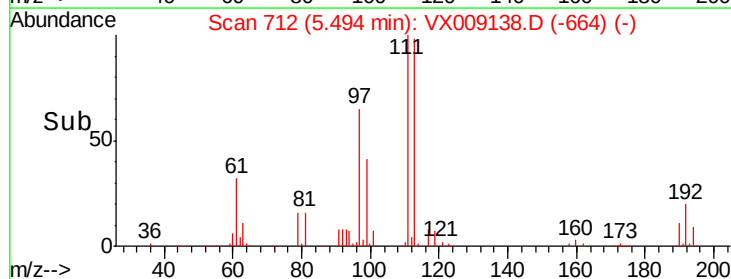
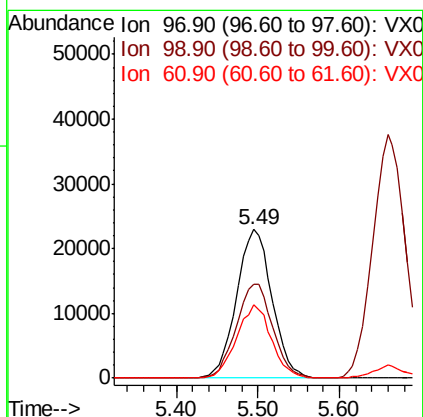
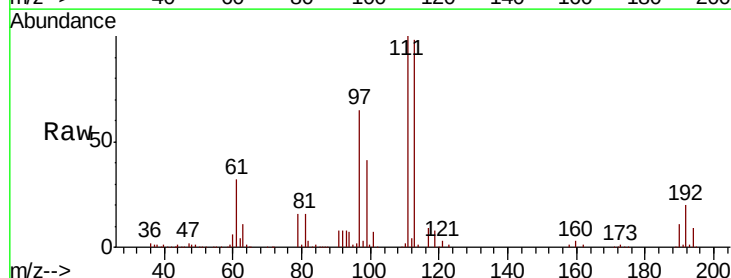
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

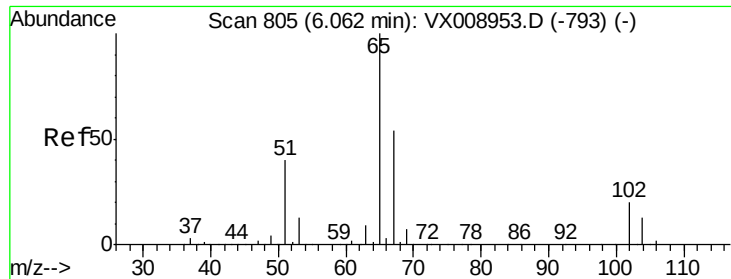
Tgt Ion: 56 Resp: 91173
Ion Ratio Lower Upper
56 100
69 28.6 23.3 34.9
84 76.4 61.7 92.5



#32
1,1,1-Trichloroethane
Concen: 21.334 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX009138.D
Acq: 24 Apr 2019 12:27

Tgt Ion: 97 Resp: 69199
Ion Ratio Lower Upper
97 100
99 65.0 51.6 77.4
61 48.5 37.9 56.9

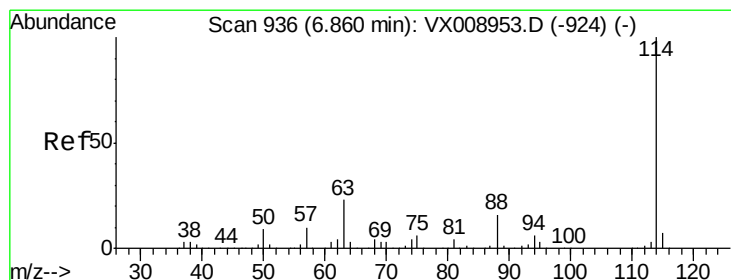
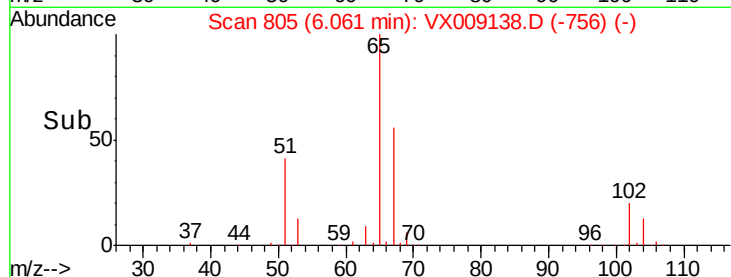
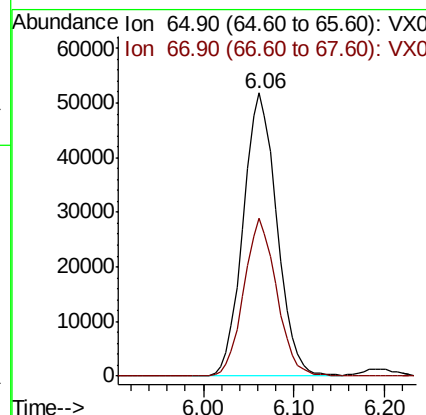
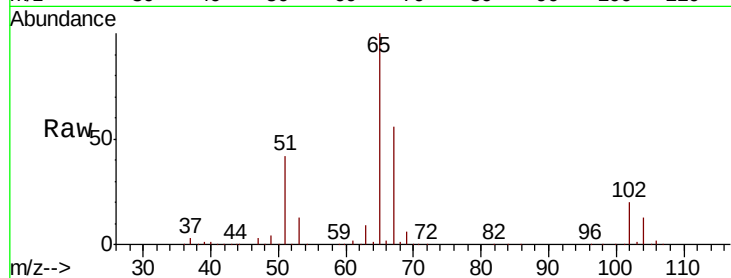




#33
 1,2-Dichloroethane-d4
 Concen: 49.559 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009138.D
 Acq: 24 Apr 2019 12:27

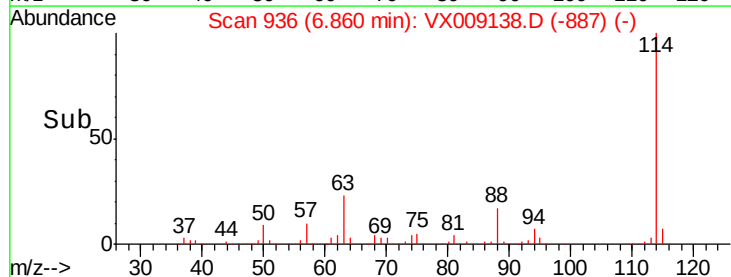
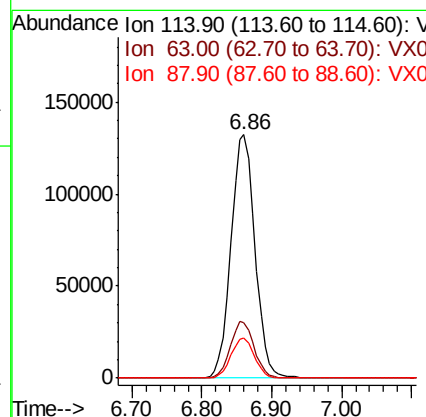
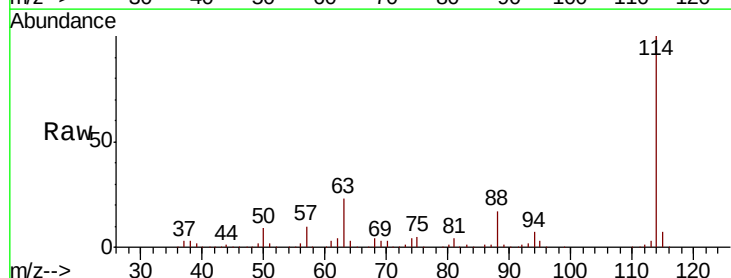
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

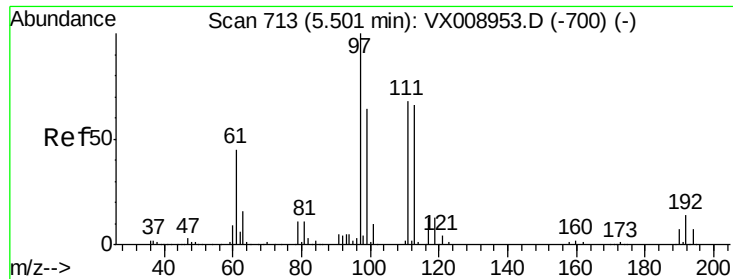
Tgt Ion: 65 Resp: 133847
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009138.D
 Acq: 24 Apr 2019 12:27

Tgt Ion: 114 Resp: 316422
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 46.0
 88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.722 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009138.D

Acq: 24 Apr 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

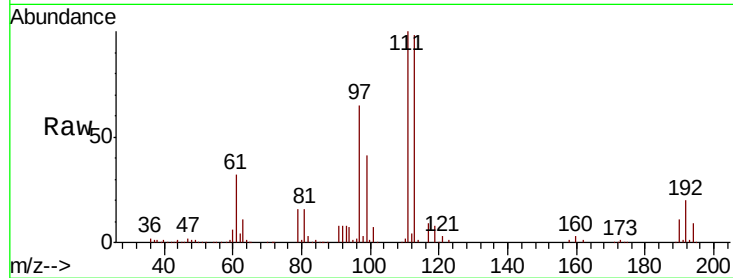
Tgt Ion:113 Resp: 98941

Ion Ratio Lower Upper

113 100

111 103.6 82.9 124.3

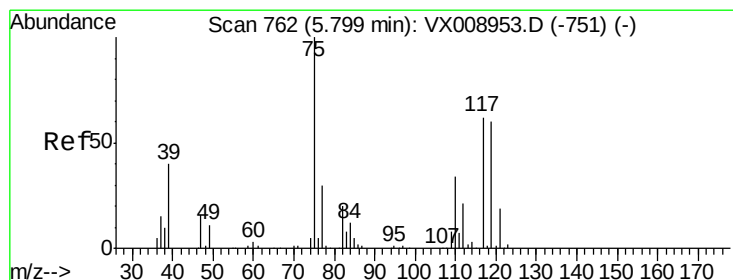
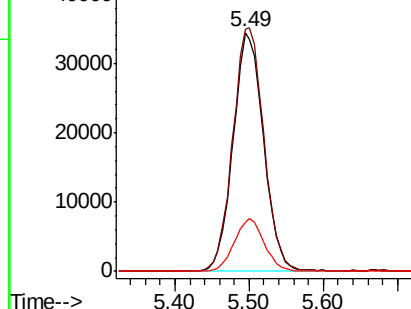
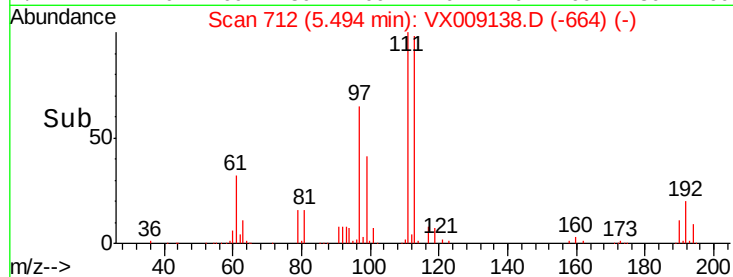
192 21.6 17.4 26.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.180 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX009138.D

Acq: 24 Apr 2019 12:27

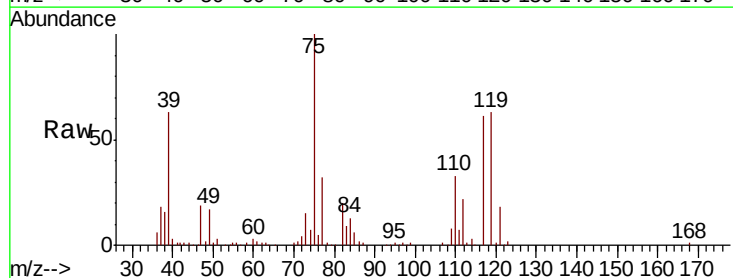
Tgt Ion: 75 Resp: 66040

Ion Ratio Lower Upper

75 100

110 32.7 16.9 50.7

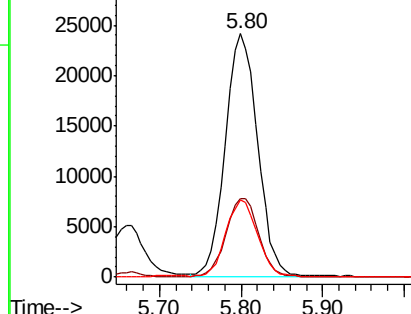
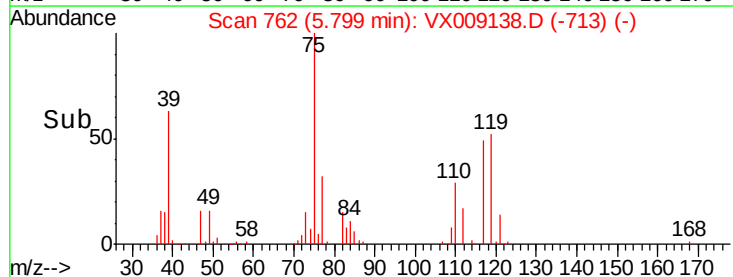
77 31.7 25.0 37.4

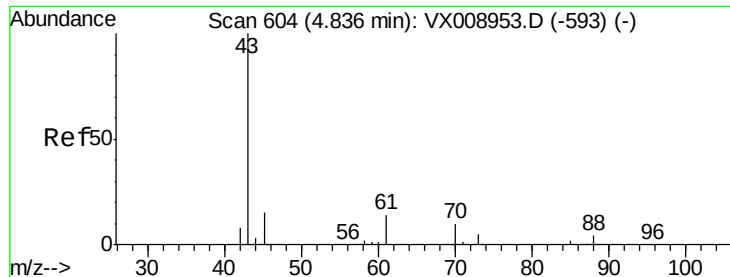


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

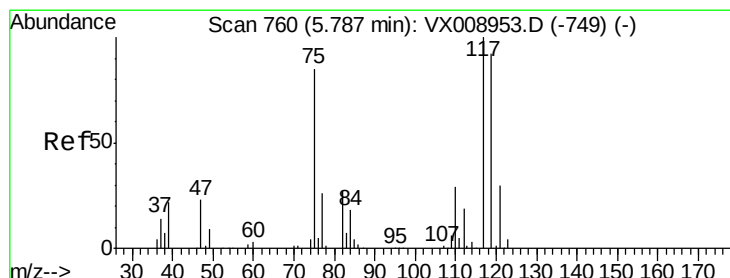
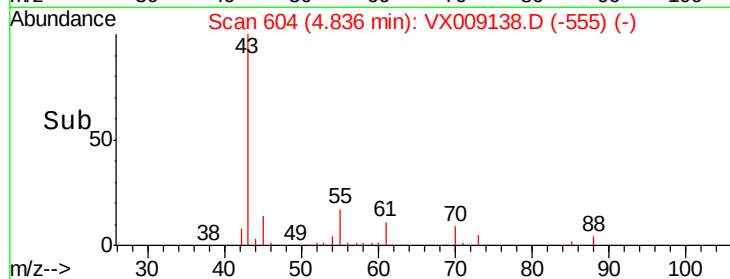
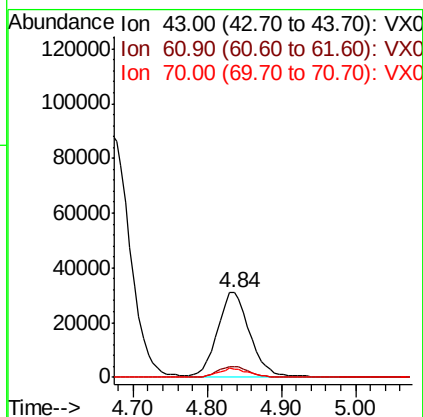
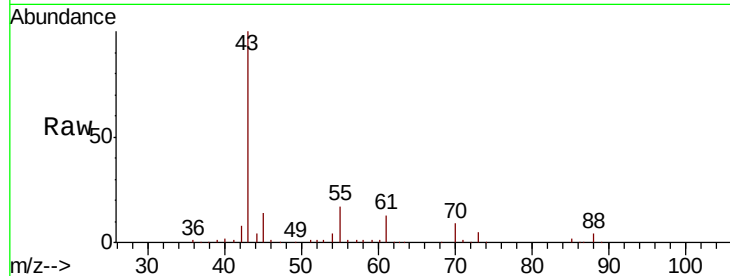




#37
 Ethyl Acetate
 Concen: 22.034 ug/l
 RT: 4.84 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VX009138.D
 Acq: 24 Apr 2019 12:27

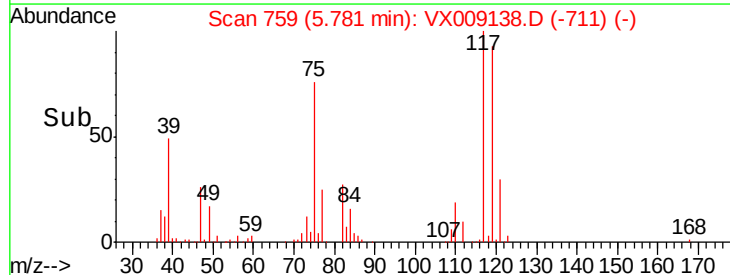
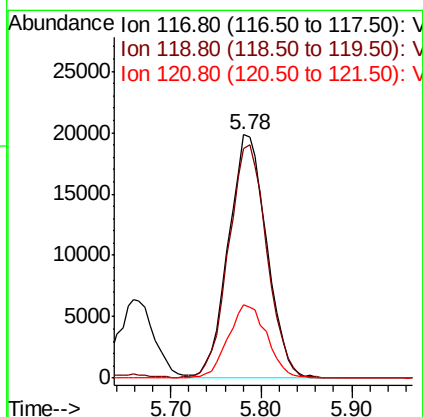
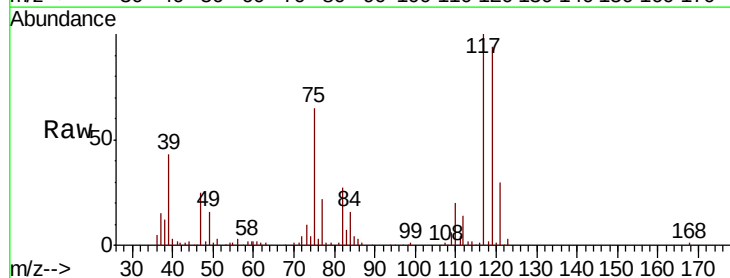
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

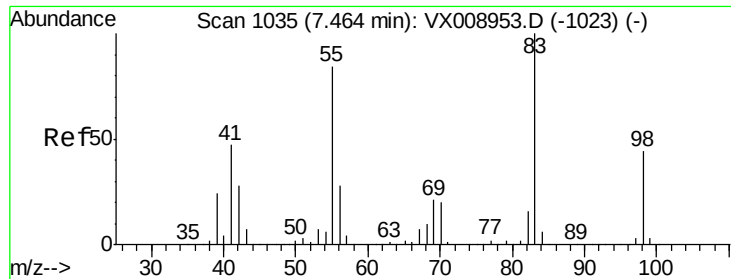
Tgt Ion: 43 Resp: 92785
 Ion Ratio Lower Upper
 43 100
 61 13.6 10.6 15.8
 70 9.9 7.7 11.5



#38
 Carbon Tetrachloride
 Concen: 20.983 ug/l
 RT: 5.78 min Scan# 759
 Delta R.T. -0.01 min
 Lab File: VX009138.D
 Acq: 24 Apr 2019 12:27

Tgt Ion: 117 Resp: 58213
 Ion Ratio Lower Upper
 117 100
 119 94.1 73.8 110.8
 121 29.9 23.6 35.4

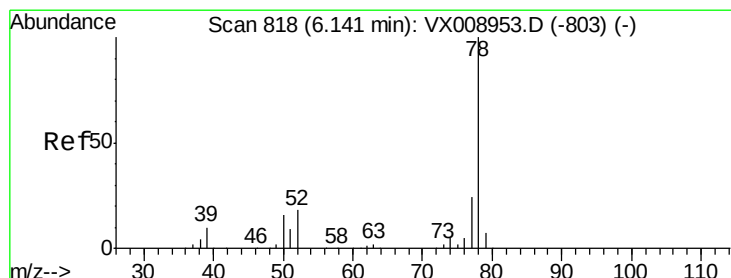
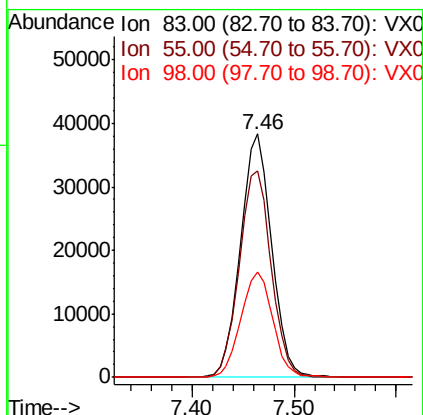
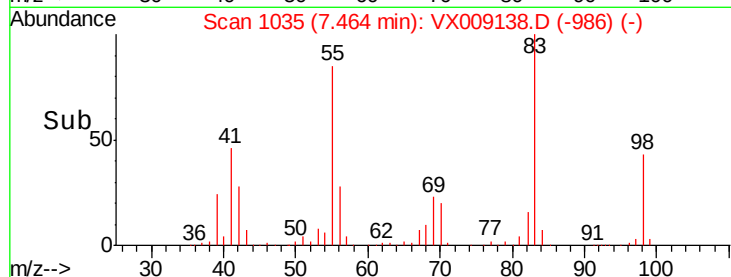
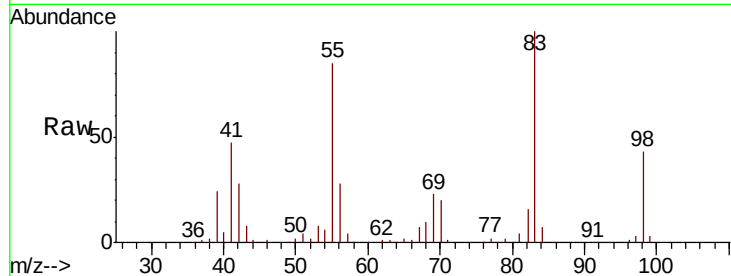




#39
Methylcyclohexane
Concen: 20.458 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009138.D
Acq: 24 Apr 2019 12:27

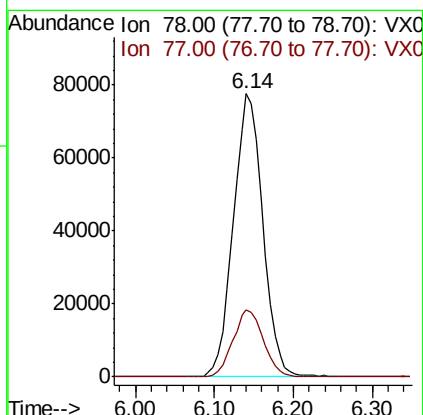
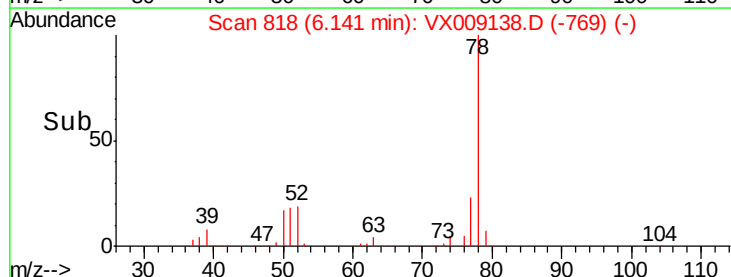
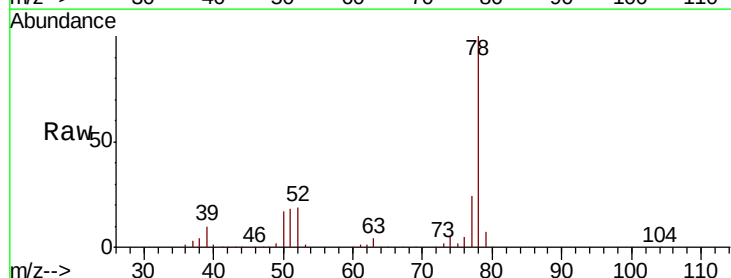
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

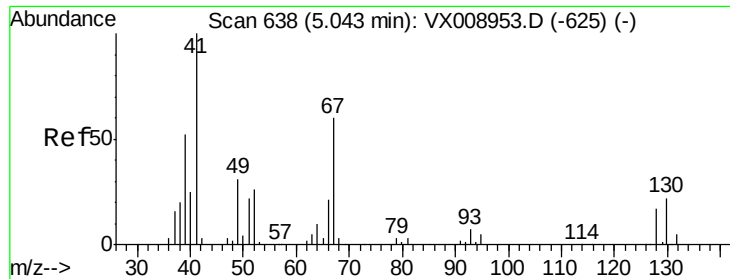
Tgt Ion: 83 Resp: 81513
Ion Ratio Lower Upper
83 100
55 84.8 67.1 100.7
98 43.3 35.1 52.7



#40
Benzene
Concen: 20.901 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009138.D
Acq: 24 Apr 2019 12:27

Tgt Ion: 78 Resp: 201782
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6





#41

Methacrylonitrile

Concen: 21.491 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX009138.D

Acq: 24 Apr 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

Tgt Ion: 41 Resp: 51940

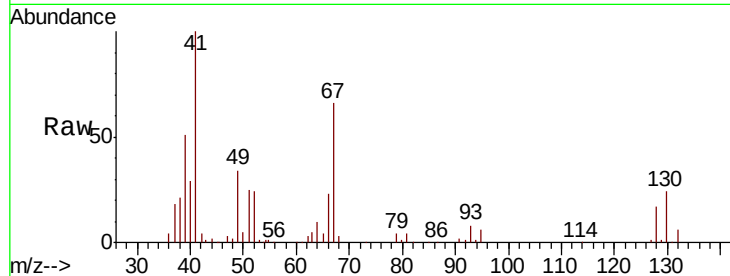
Ion Ratio Lower Upper

41 100

39 52.2 41.8 62.6

67 64.6 50.2 75.4

52 25.9 21.1 31.7

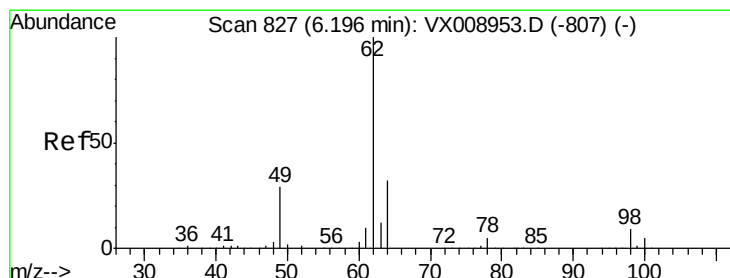
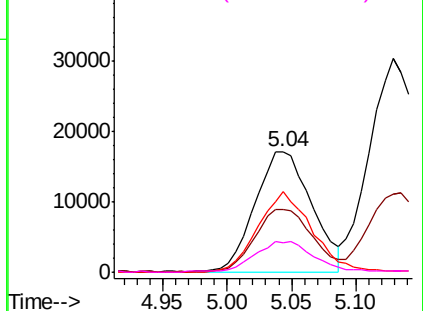
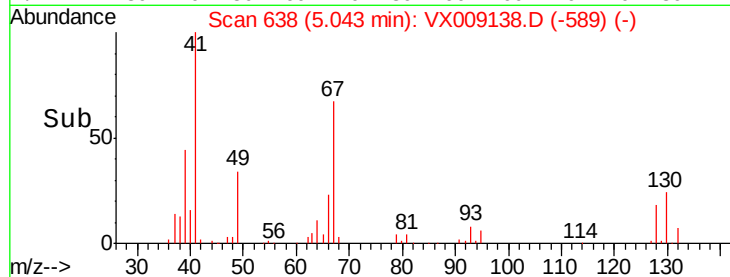


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 21.152 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX009138.D

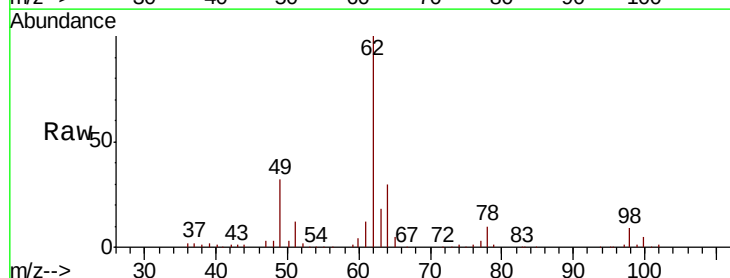
Acq: 24 Apr 2019 12:27

Tgt Ion: 62 Resp: 72336

Ion Ratio Lower Upper

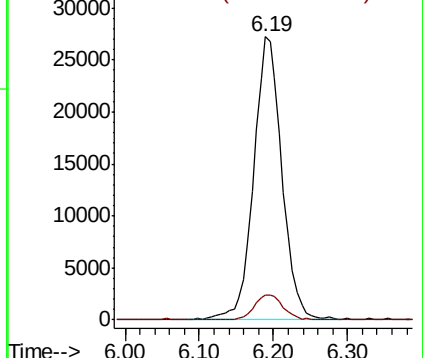
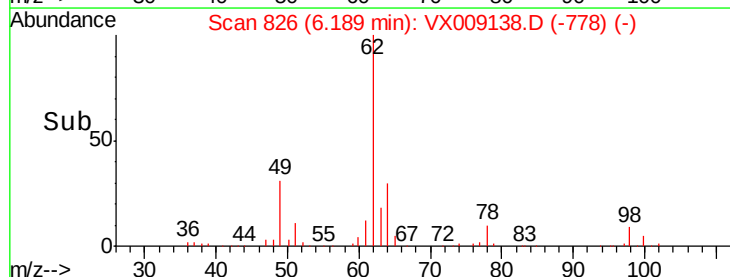
62 100

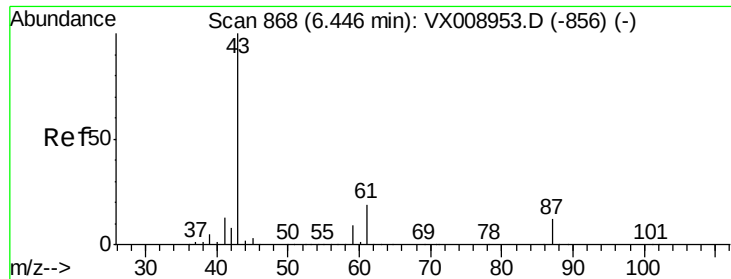
98 9.0 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 21.358 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009138.D

Acq: 24 Apr 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

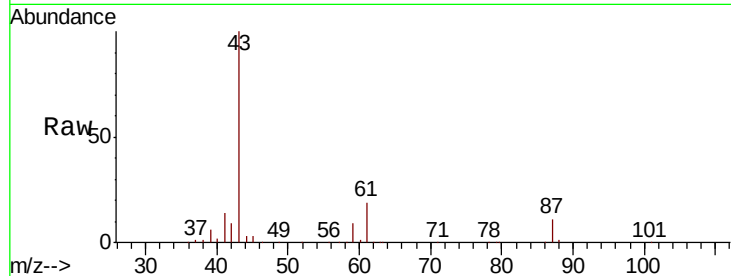
Tgt Ion: 43 Resp: 144936

Ion Ratio Lower Upper

43 100

61 18.5 15.4 23.0

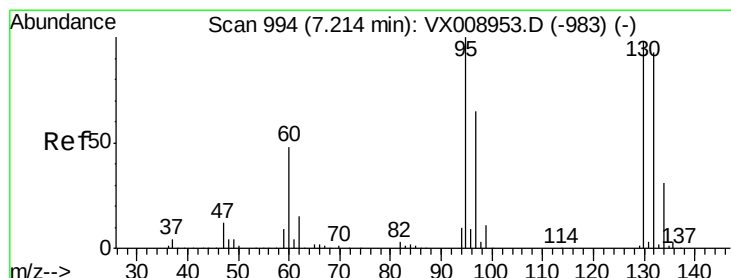
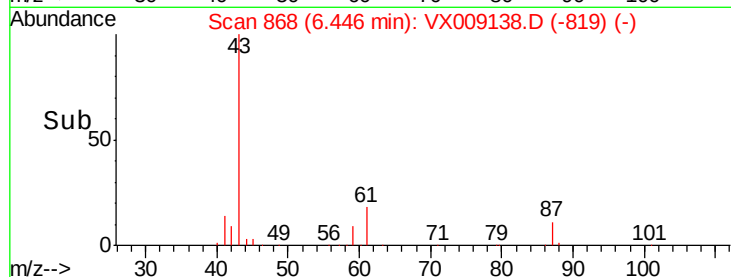
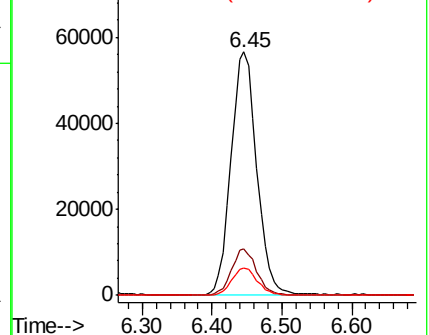
87 11.3 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.178 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX009138.D

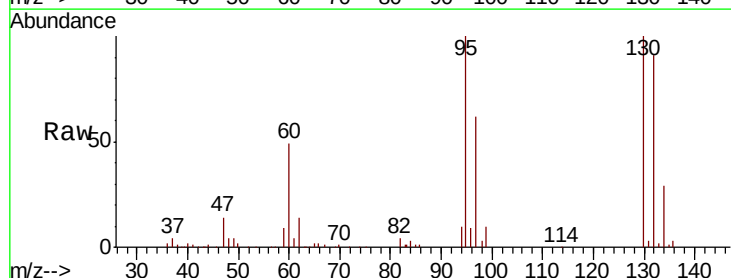
Acq: 24 Apr 2019 12:27

Tgt Ion: 130 Resp: 47730

Ion Ratio Lower Upper

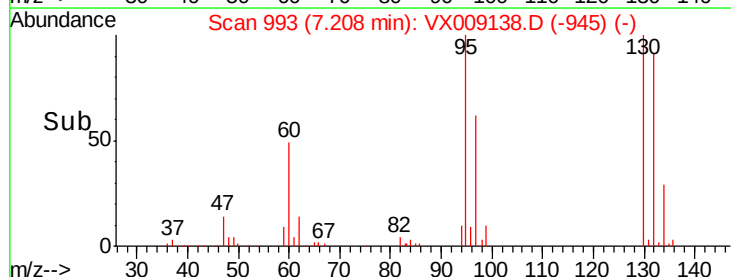
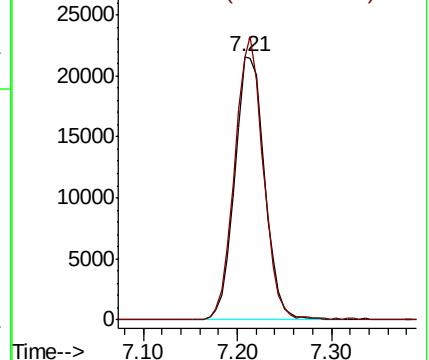
130 100

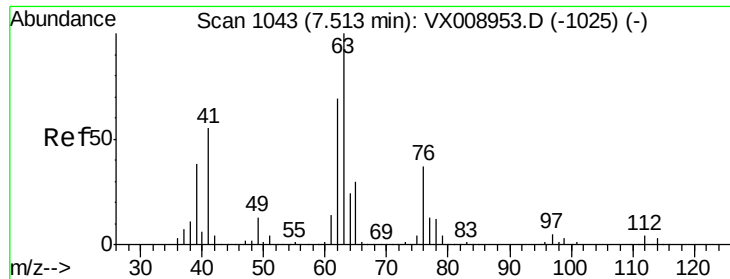
95 100.0 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

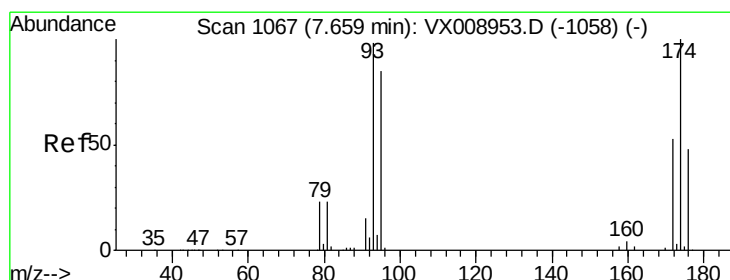
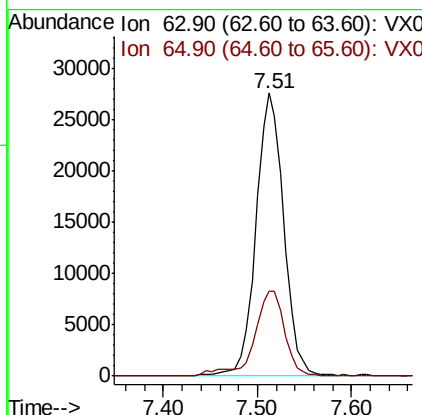
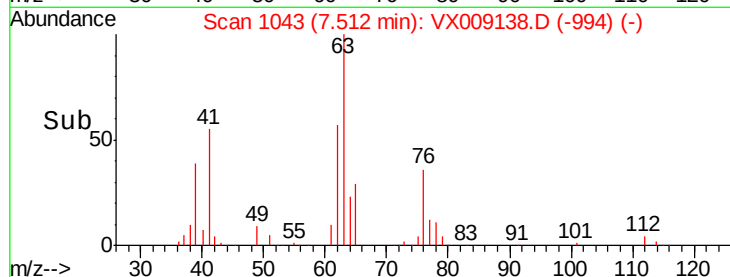
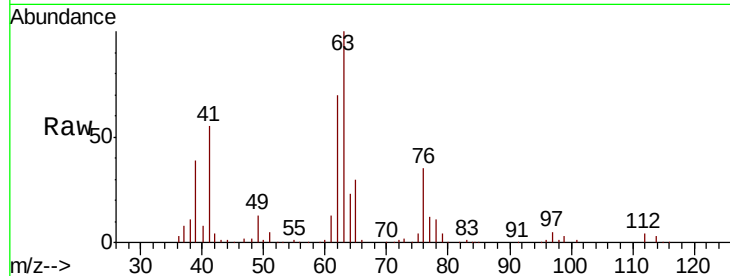




#45
 1,2-Dichloropropane
 Concen: 21.418 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009138.D
 Acq: 24 Apr 2019 12:27

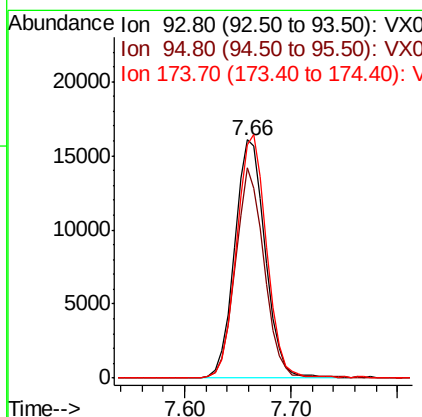
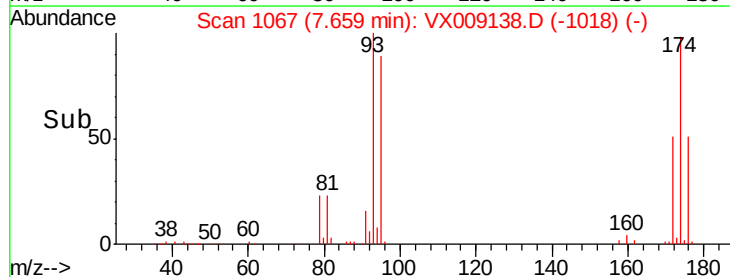
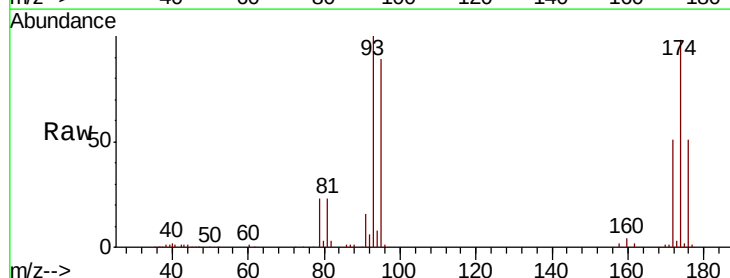
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

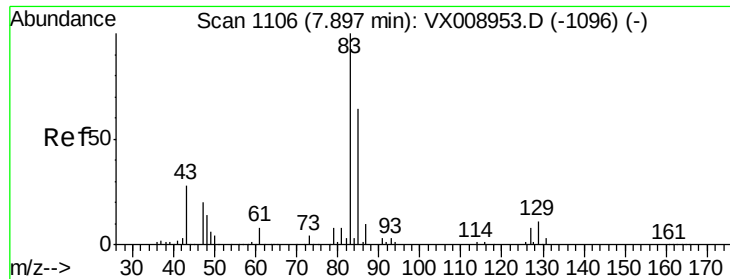
Tgt Ion: 63 Resp: 57363
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.1 36.1



#46
 Dibromomethane
 Concen: 20.774 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009138.D
 Acq: 24 Apr 2019 12:27

Tgt Ion: 93 Resp: 32380
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.0 100.4
 174 100.0 81.6 122.4





#47

Bromodichloromethane

Concen: 20.899 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009138.D

Acq: 24 Apr 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

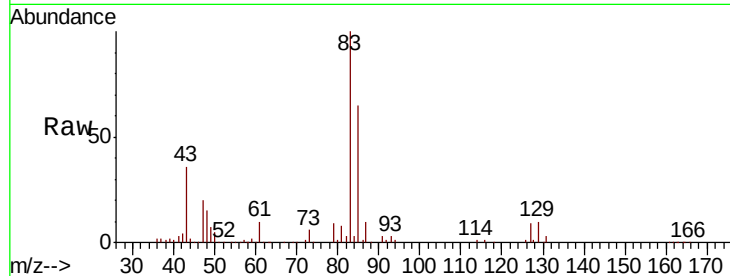
Tgt Ion: 83 Resp: 63892

Ion Ratio Lower Upper

83 100

85 65.2 50.8 76.2

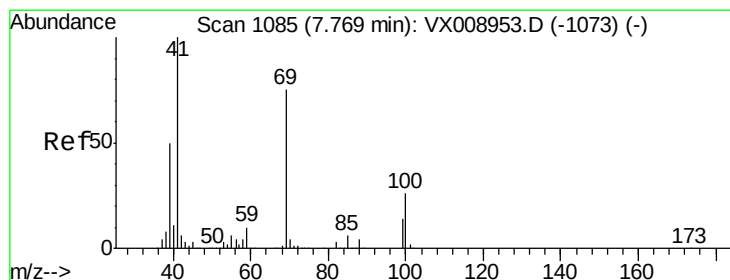
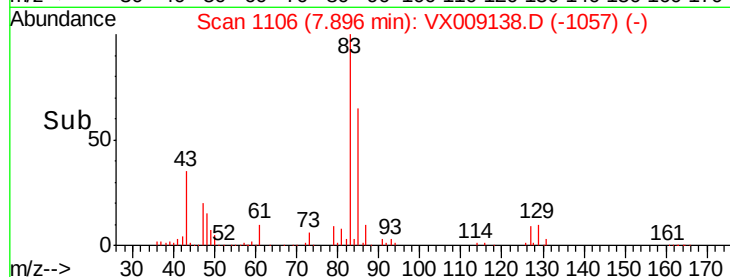
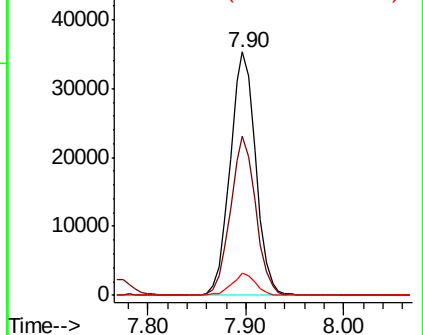
127 8.9 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.372 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009138.D

Acq: 24 Apr 2019 12:27

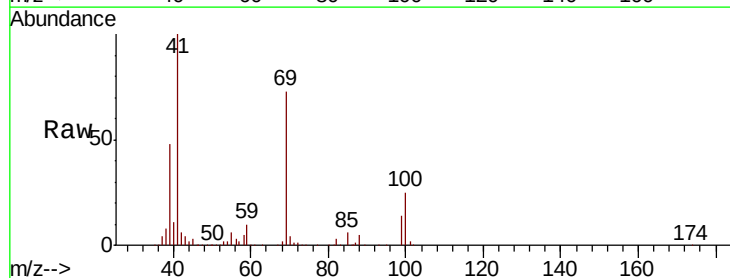
Tgt Ion: 41 Resp: 71660

Ion Ratio Lower Upper

41 100

69 74.3 59.4 89.2

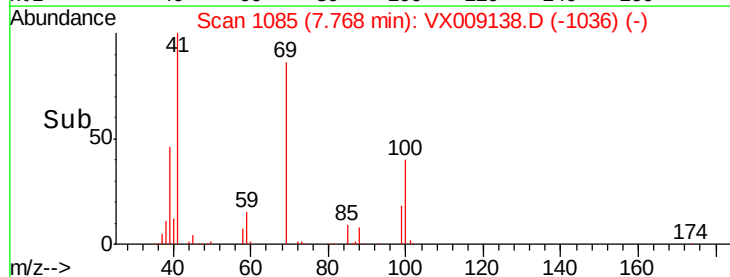
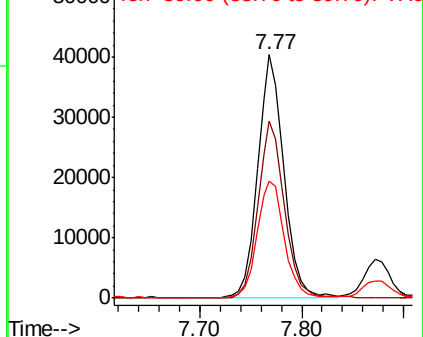
39 50.6 39.8 59.6

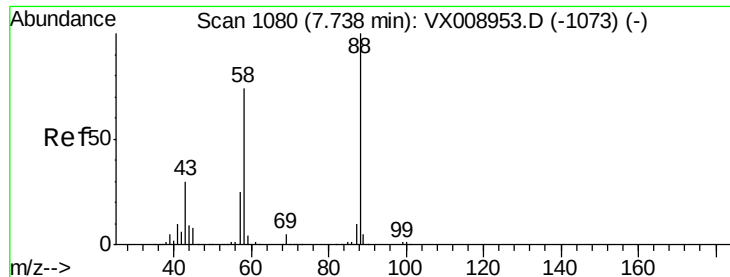


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

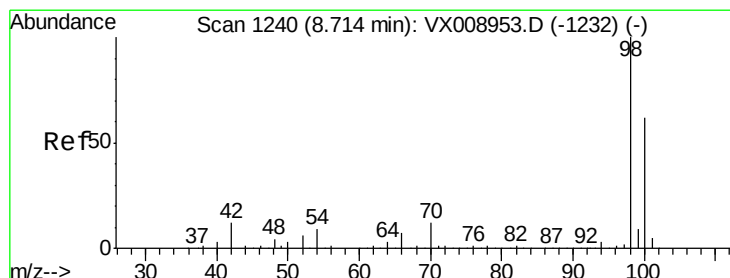
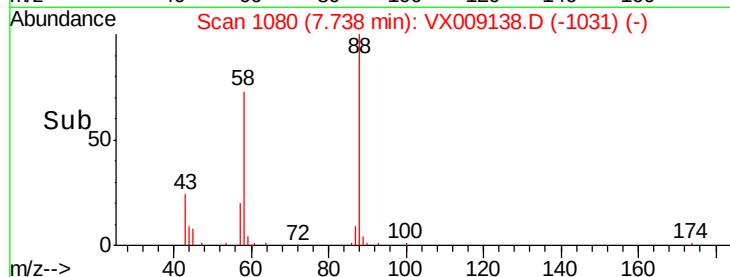
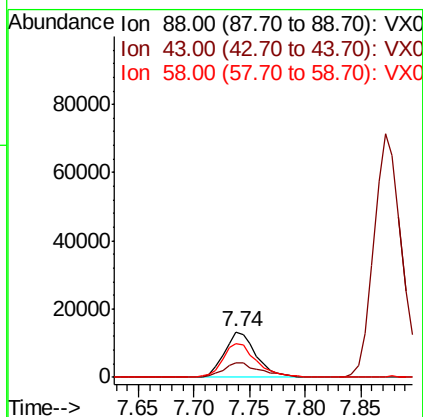
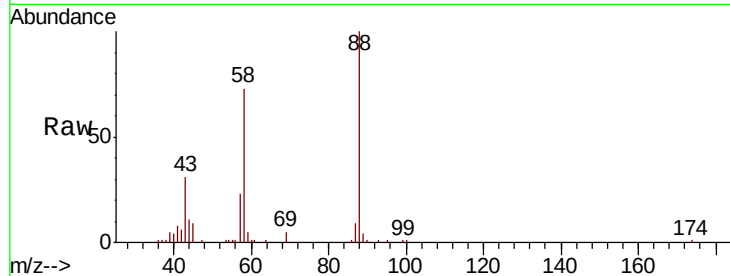




#49
1,4-Dioxane
Concen: 417.191 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009138.D
Acq: 24 Apr 2019 12:27

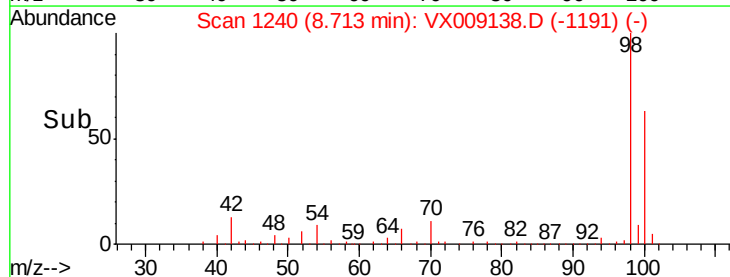
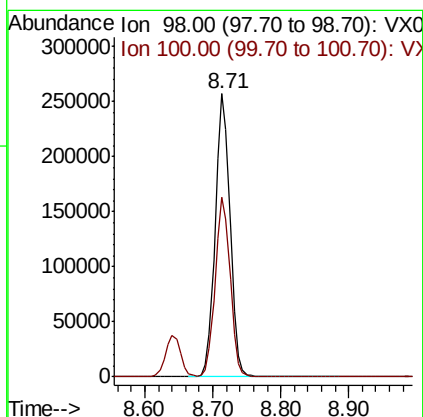
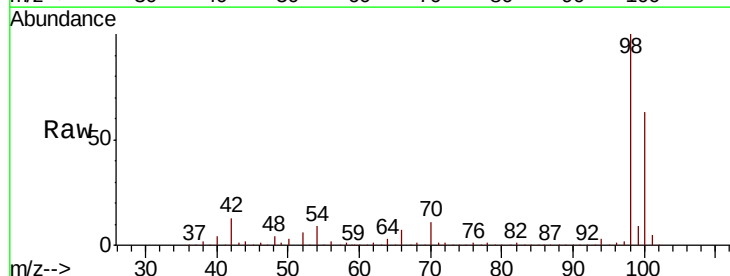
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

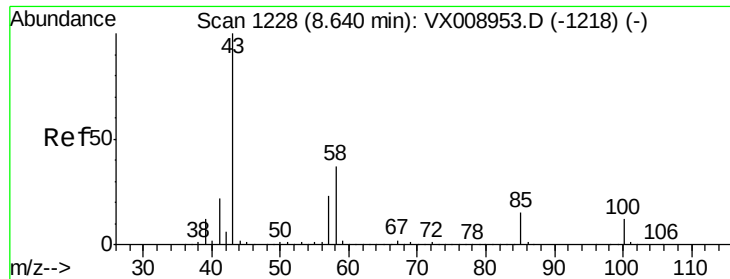
Tgt Ion: 88 Resp: 26182
Ion Ratio Lower Upper
88 100
43 37.2 29.3 43.9
58 78.8 62.6 93.8



#50
Toluene-d8
Concen: 48.239 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009138.D
Acq: 24 Apr 2019 12:27

Tgt Ion: 98 Resp: 390670
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 109.107 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009138.D

Acq: 24 Apr 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

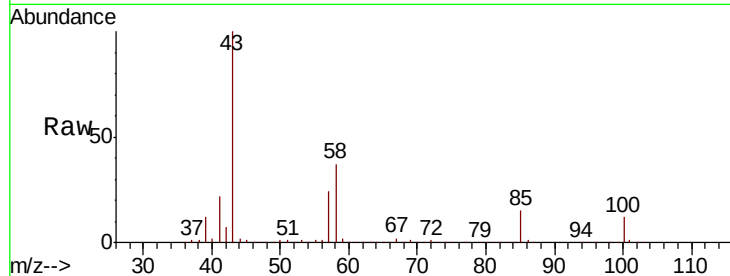
VX0424WBSD01

Tgt Ion: 43 Resp: 471688

Ion Ratio Lower Upper

43 100

58 36.5 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

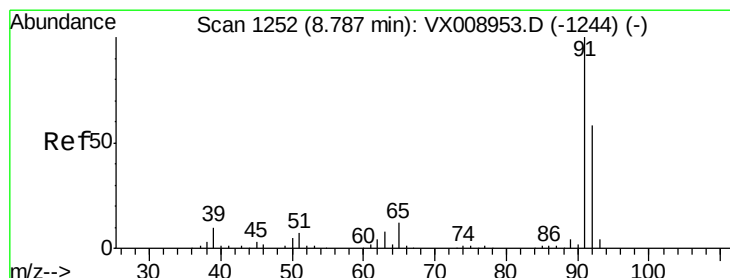
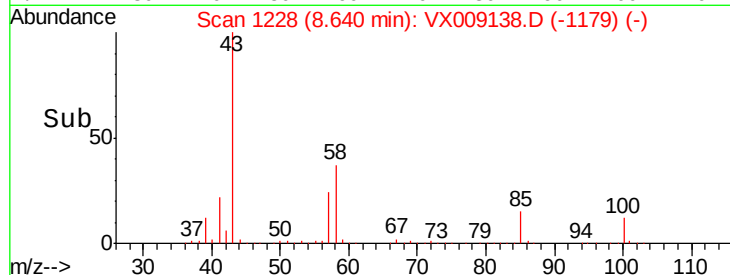
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 20.446 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009138.D

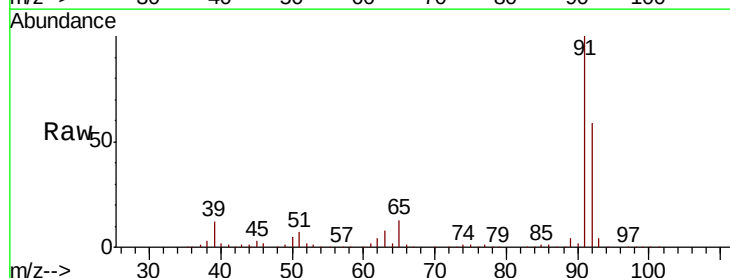
Acq: 24 Apr 2019 12:27

Tgt Ion: 92 Resp: 118296

Ion Ratio Lower Upper

92 100

91 173.2 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

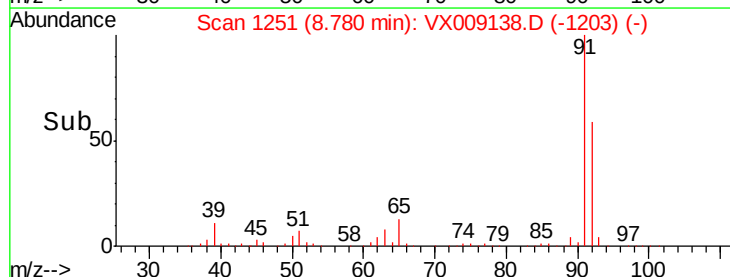
150000

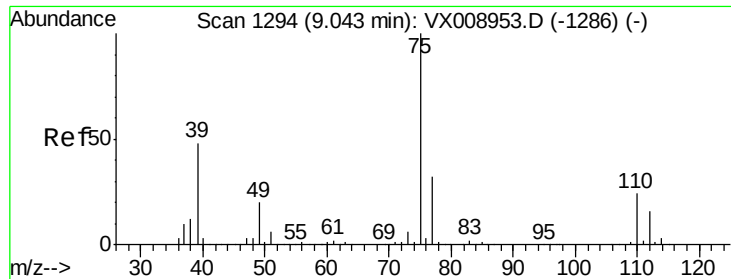
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.511 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX009138.D

Acq: 24 Apr 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

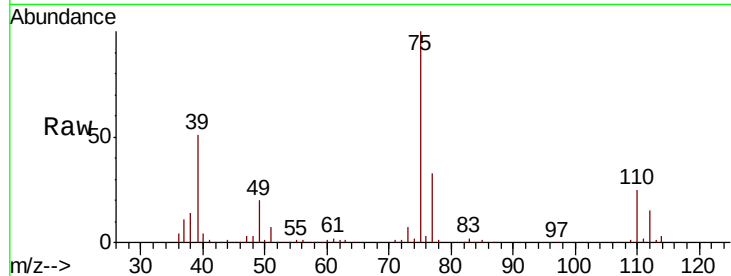
VX0424WBSD01

Tgt Ion: 75 Resp: 72167

Ion Ratio Lower Upper

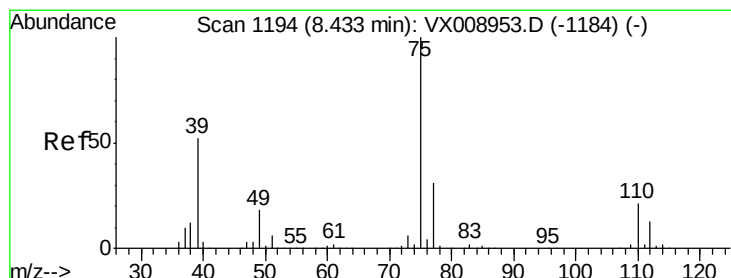
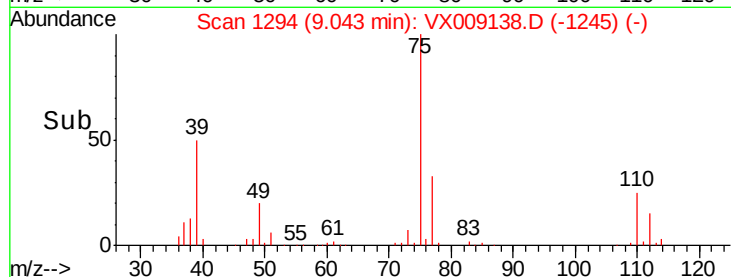
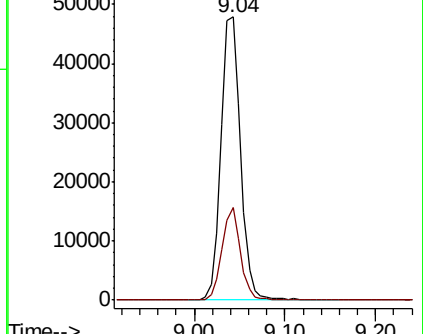
75 100

77 32.7 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.688 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX009138.D

Acq: 24 Apr 2019 12:27

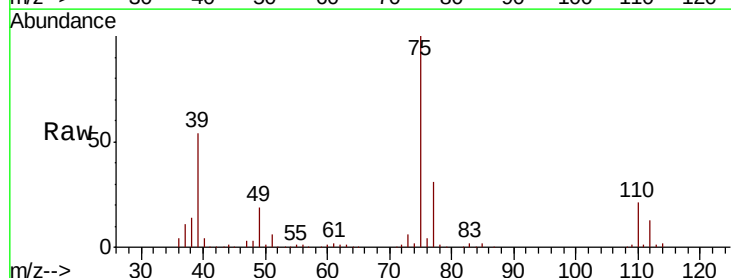
Tgt Ion: 75 Resp: 81501

Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2

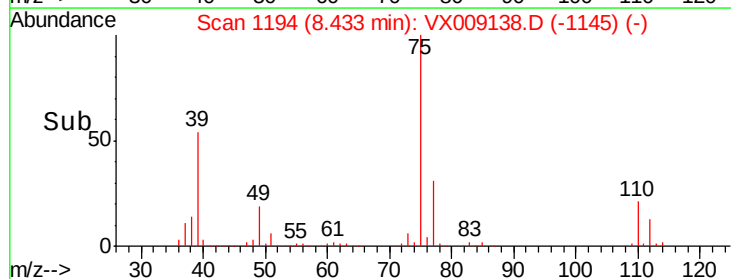
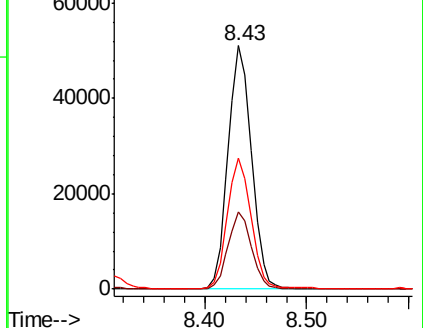
39 53.6 41.8 62.6

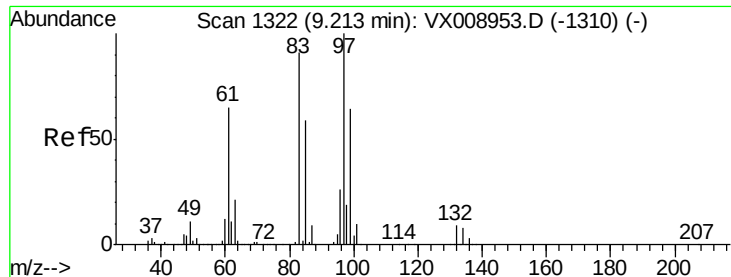


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

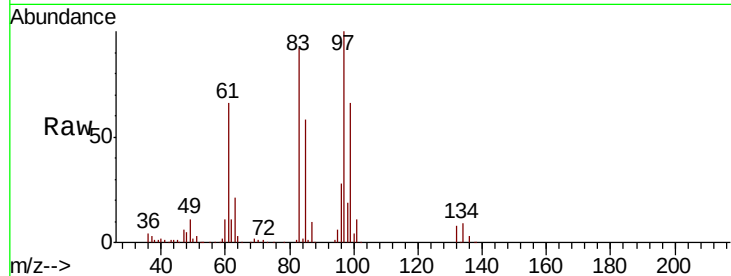




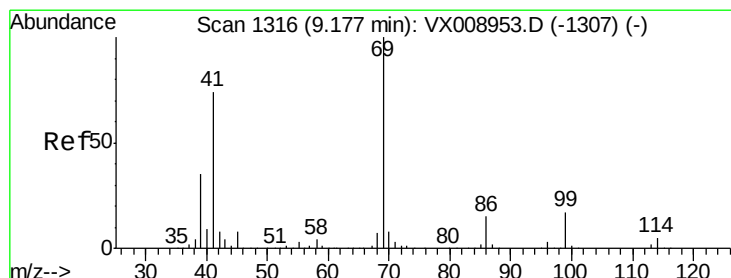
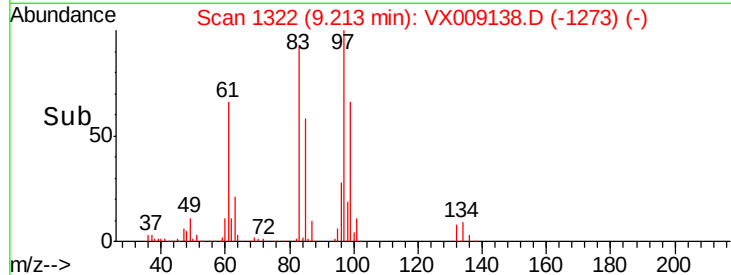
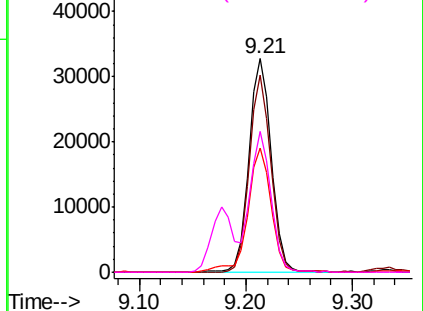
#55
 1,1,2-Trichloroethane
 Concen: 21.121 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009138.D
 Acq: 24 Apr 2019 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

Tgt Ion: 97 Resp: 48432
 Ion Ratio Lower Upper
 97 100
 83 92.0 72.6 108.8
 85 58.4 46.9 70.3
 99 65.8 51.0 76.6

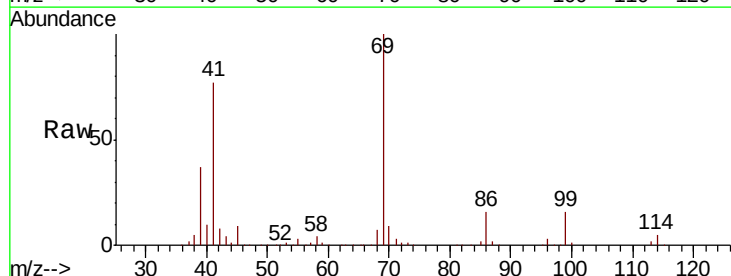


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

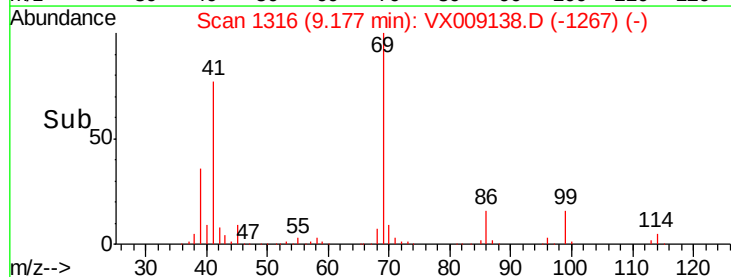
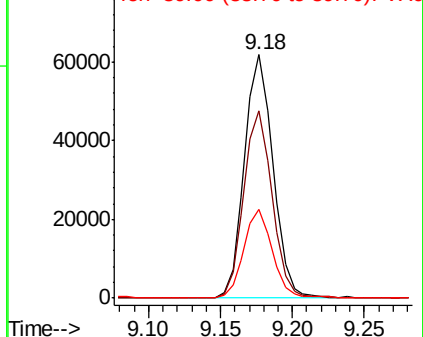


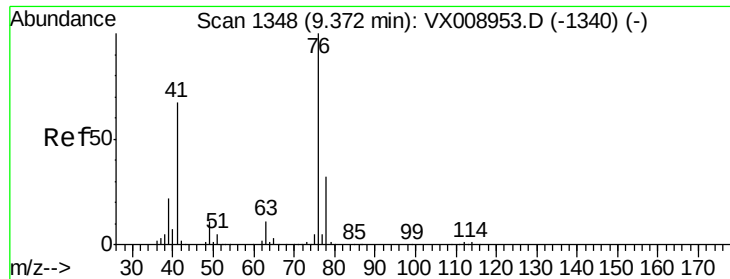
#56
 Ethyl methacrylate
 Concen: 20.679 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009138.D
 Acq: 24 Apr 2019 12:27

Tgt Ion: 69 Resp: 85025
 Ion Ratio Lower Upper
 69 100
 41 76.1 60.2 90.2
 39 36.0 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

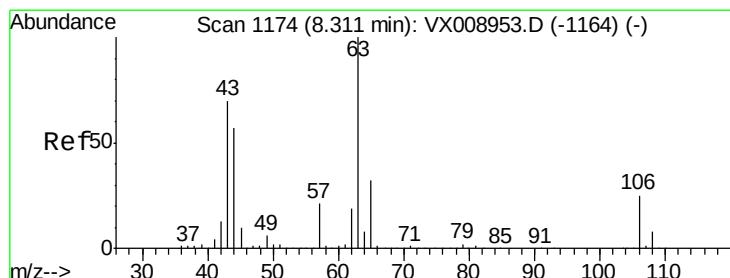
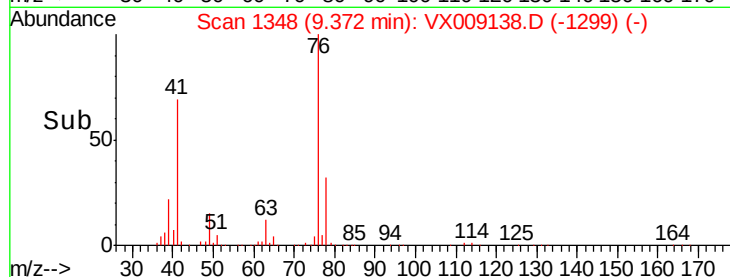
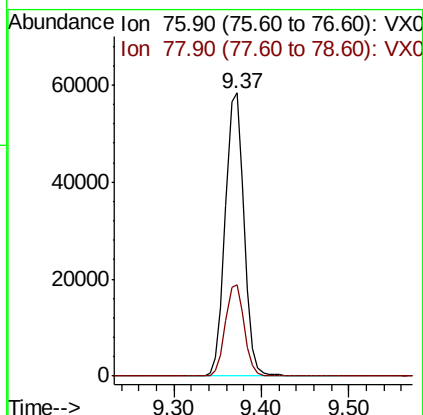
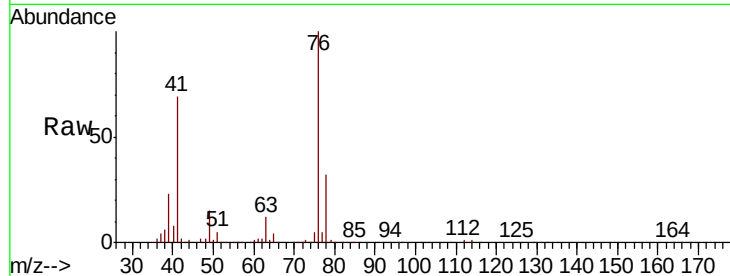




#57
 1,3-Dichloropropane
 Concen: 21.188 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009138.D
 Acq: 24 Apr 2019 12:27

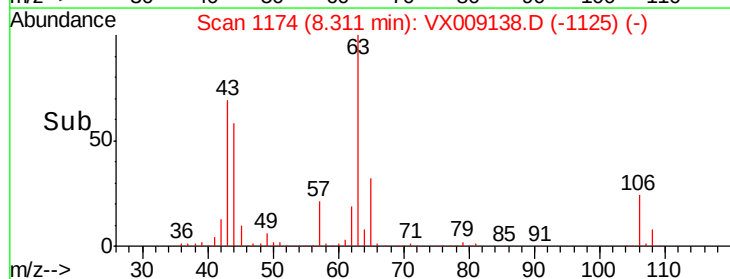
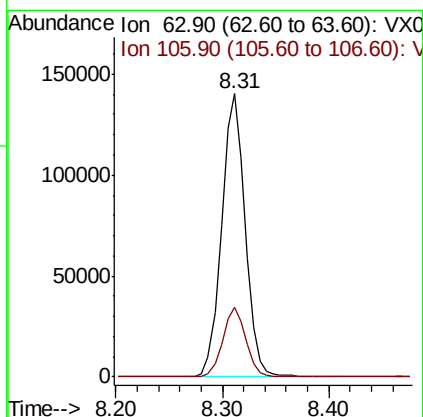
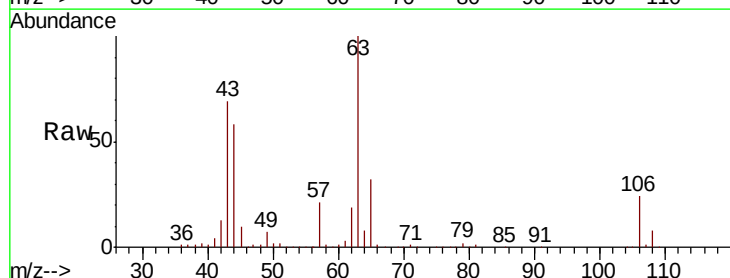
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

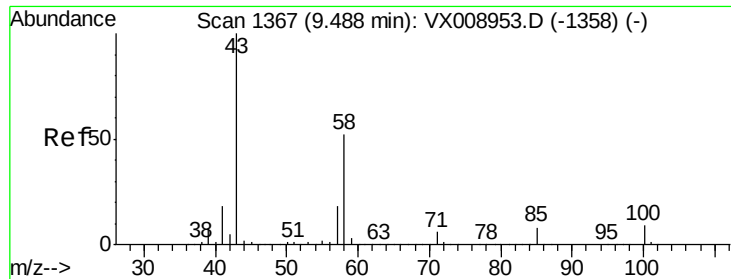
Tgt Ion: 76 Resp: 86509
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.309 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009138.D
 Acq: 24 Apr 2019 12:27

Tgt Ion: 63 Resp: 215460
 Ion Ratio Lower Upper
 63 100
 106 24.1 19.8 29.6

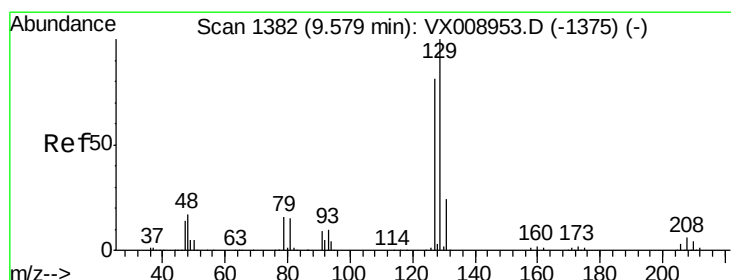
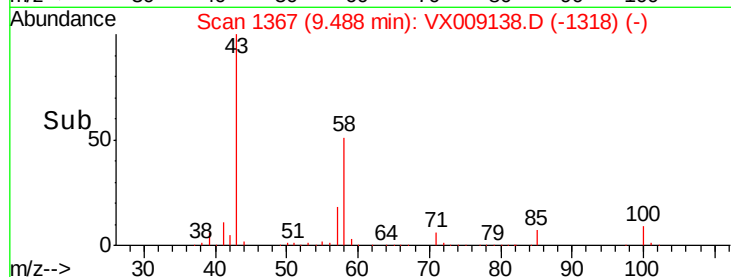
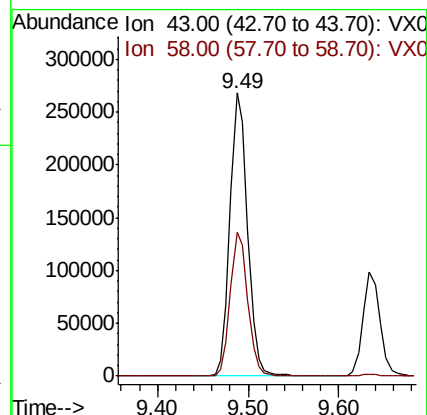
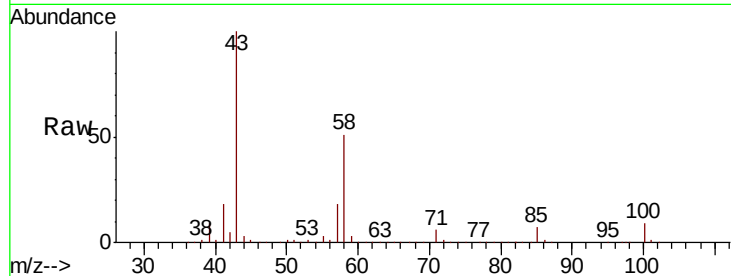




#59
2-Hexanone
Concen: 108.624 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009138.D
Acq: 24 Apr 2019 12:27

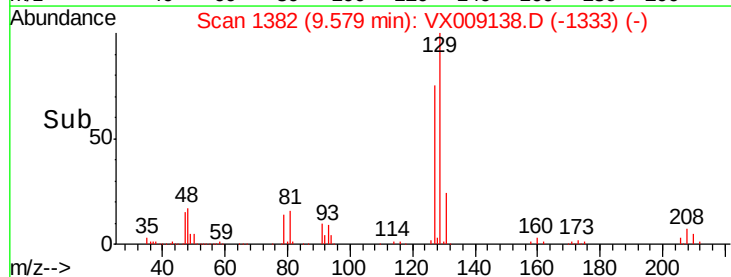
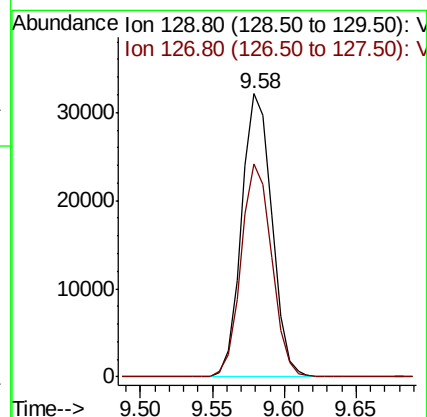
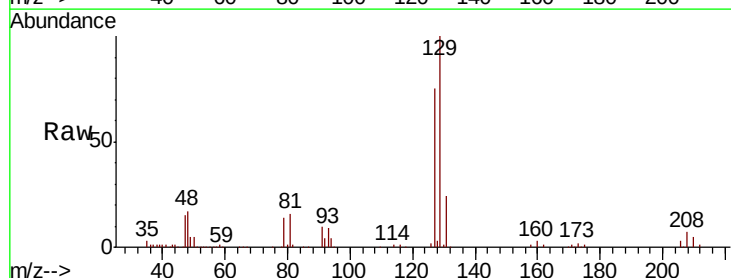
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

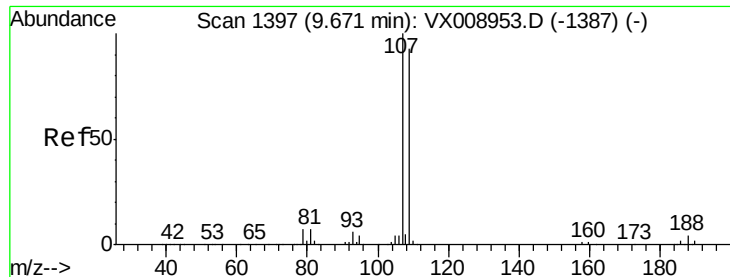
Tgt Ion: 43 Resp: 362051
Ion Ratio Lower Upper
43 100
58 50.8 25.9 77.8



#60
Dibromochloromethane
Concen: 21.384 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009138.D
Acq: 24 Apr 2019 12:27

Tgt Ion: 129 Resp: 46997
Ion Ratio Lower Upper
129 100
127 76.0 39.1 117.2

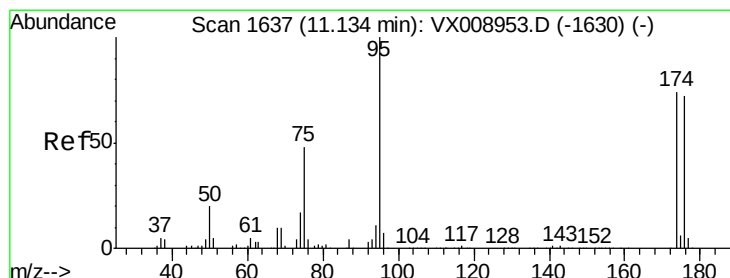
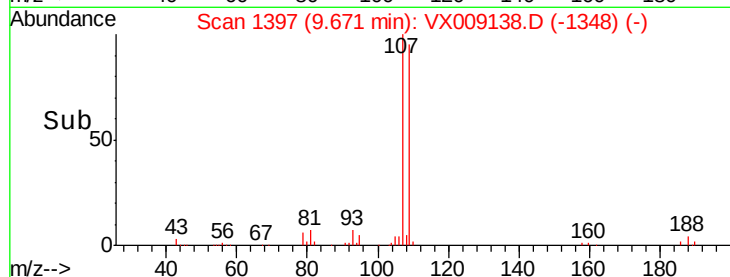
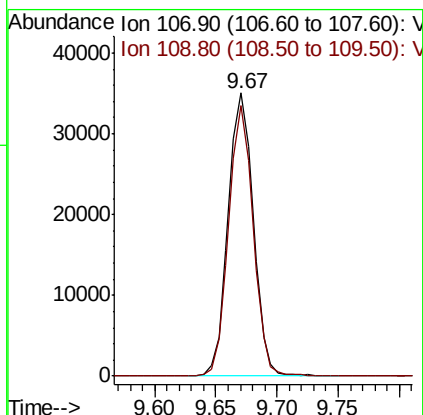
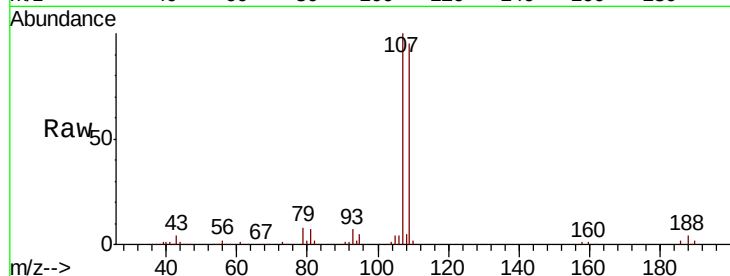




#61
 1,2-Dibromoethane
 Concen: 21.094 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX009138.D
 Acq: 24 Apr 2019 12:27

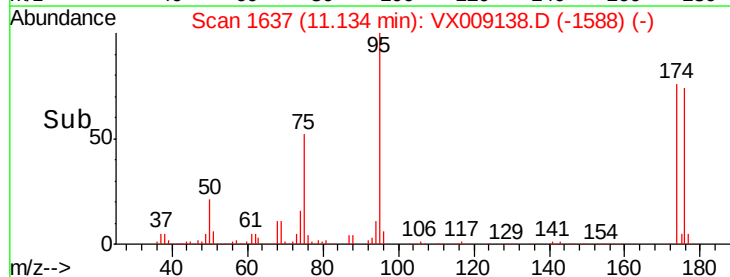
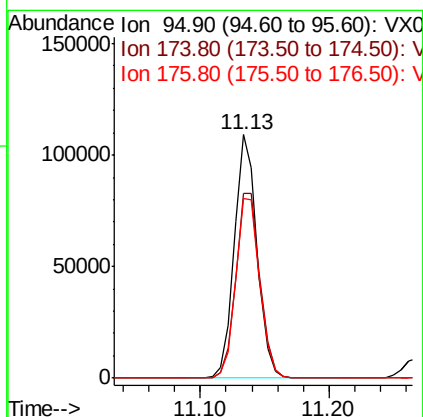
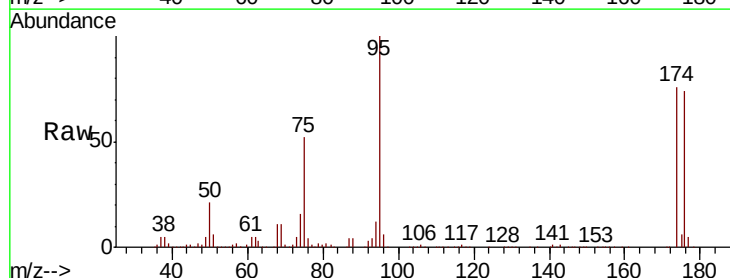
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

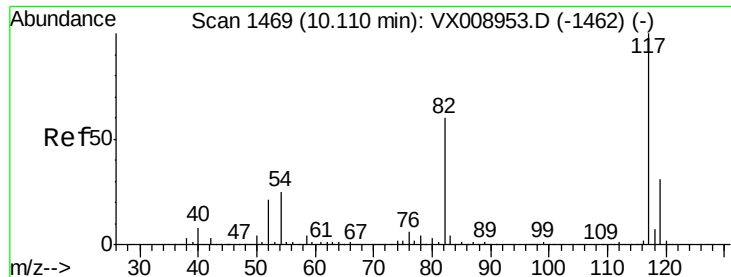
Tgt Ion: 107 Resp: 49923
 Ion Ratio Lower Upper
 107 100
 109 92.8 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 46.958 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX009138.D
 Acq: 24 Apr 2019 12:27

Tgt Ion: 95 Resp: 134245
 Ion Ratio Lower Upper
 95 100
 174 80.6 0.0 159.6
 176 78.1 0.0 154.8

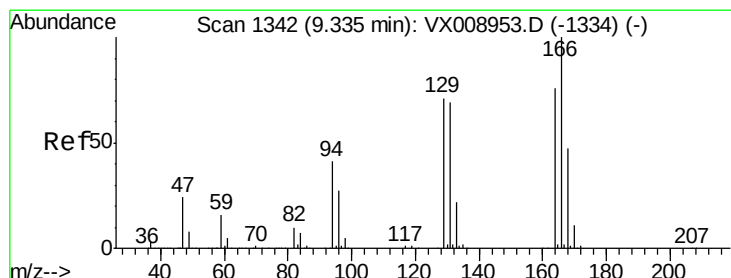
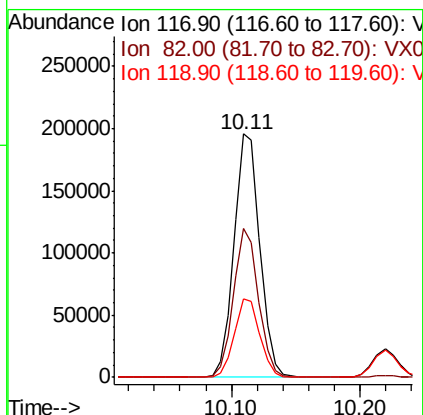
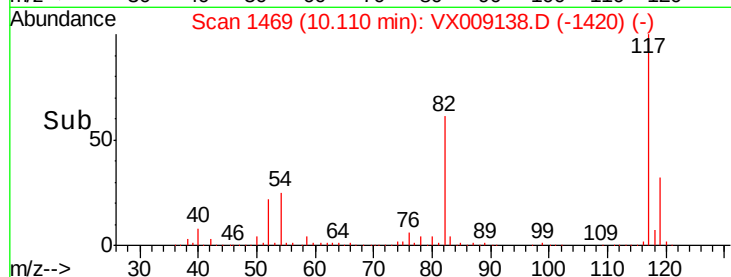
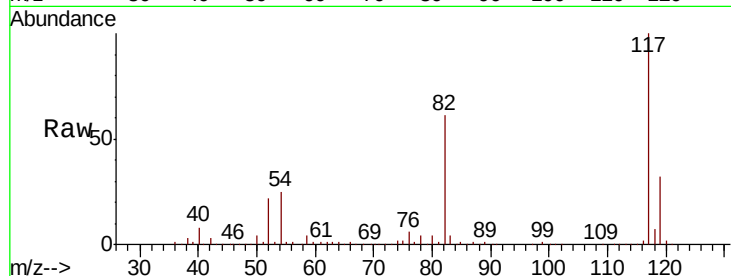




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009138.D
Acq: 24 Apr 2019 12:27

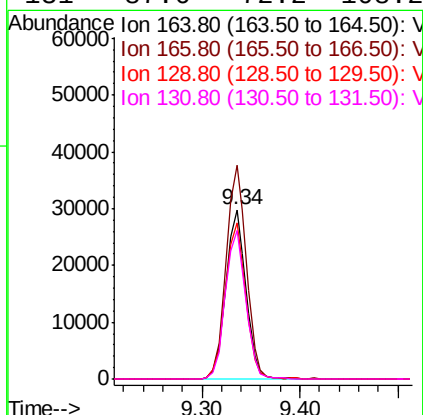
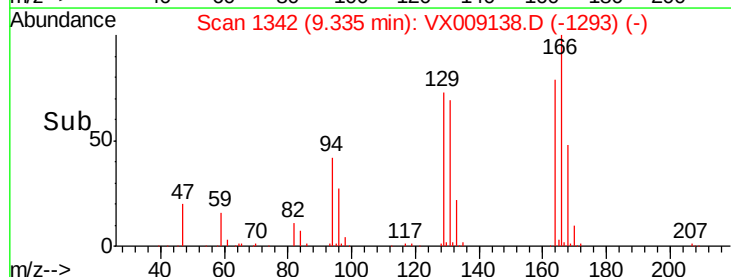
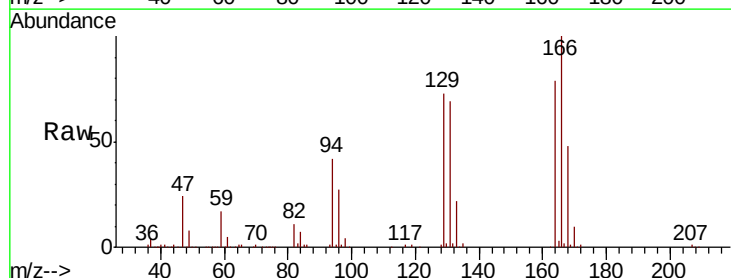
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

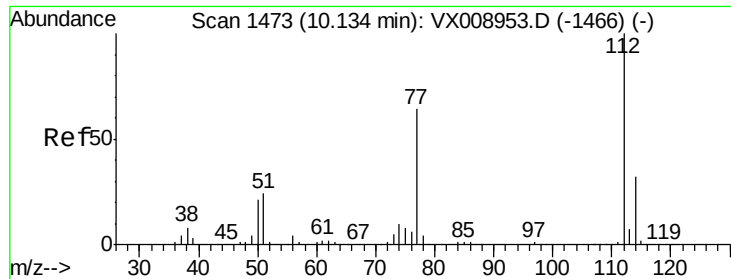
Tgt Ion:117 Resp: 272961
Ion Ratio Lower Upper
117 100
82 61.1 48.2 72.4
119 32.2 25.0 37.6



#64
Tetrachloroethene
Concen: 20.481 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009138.D
Acq: 24 Apr 2019 12:27

Tgt Ion:164 Resp: 42470
Ion Ratio Lower Upper
164 100
166 126.2 105.0 157.4
129 92.4 74.2 111.4
131 87.6 72.2 108.2





#65

Chlorobenzene

Concen: 20.530 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX009138.D

Acq: 24 Apr 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

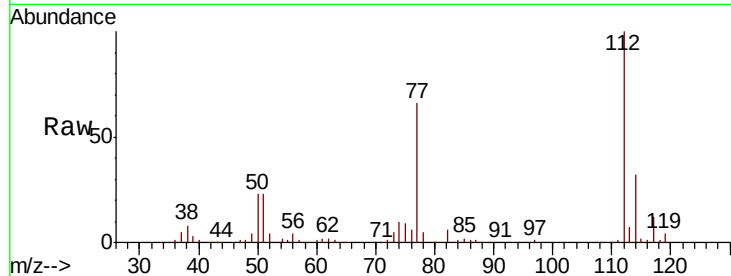
VX0424WBSD01

Tgt Ion:112 Resp: 118284

Ion Ratio Lower Upper

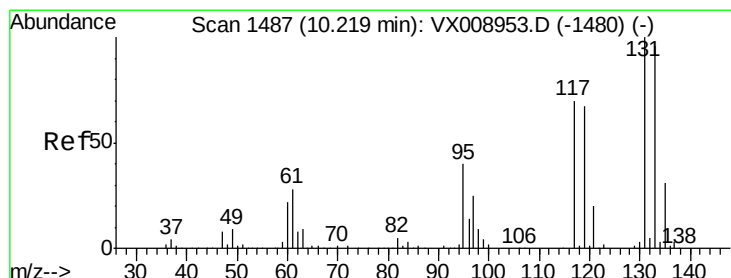
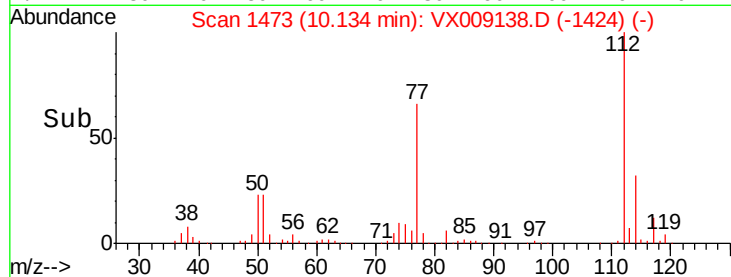
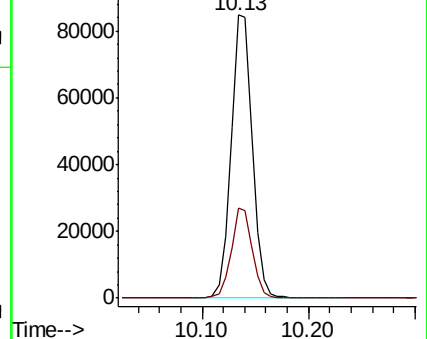
112 100

114 32.0 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.305 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009138.D

Acq: 24 Apr 2019 12:27

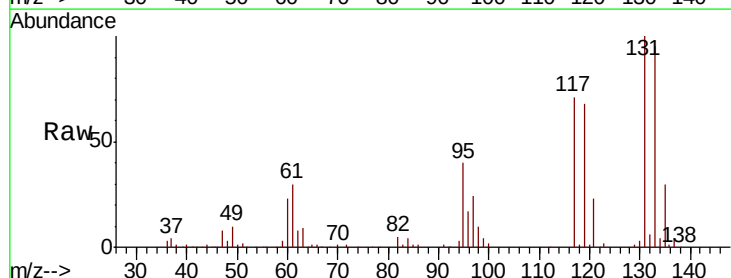
Tgt Ion:131 Resp: 43242

Ion Ratio Lower Upper

131 100

133 95.8 48.0 144.2

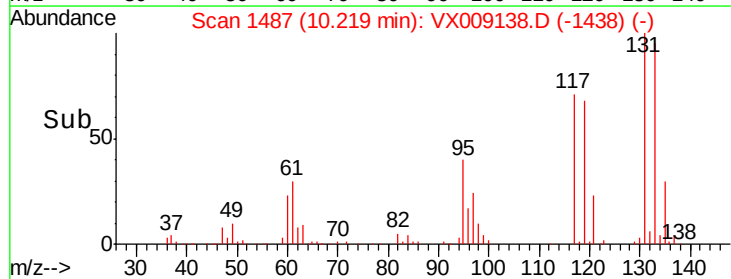
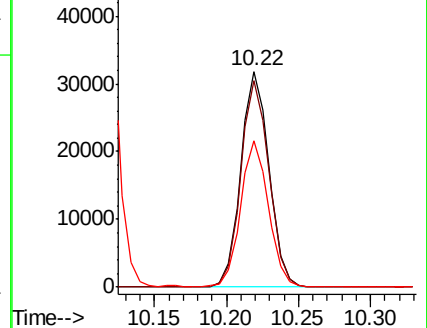
119 67.5 33.7 101.1

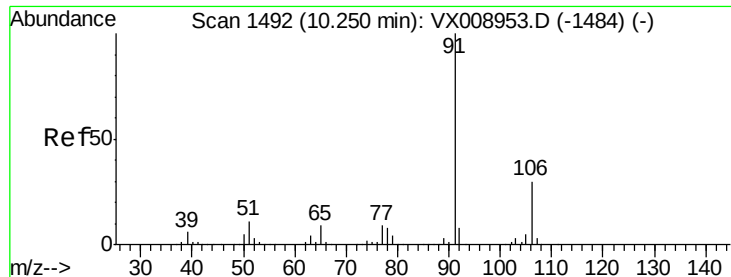


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

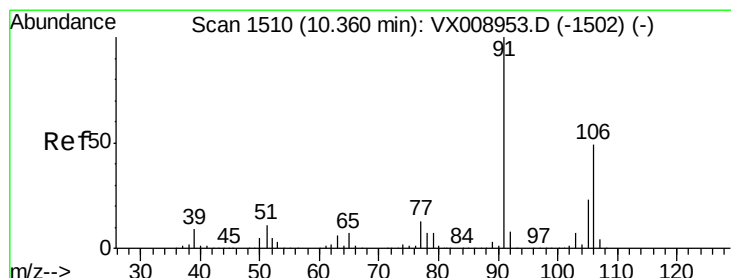
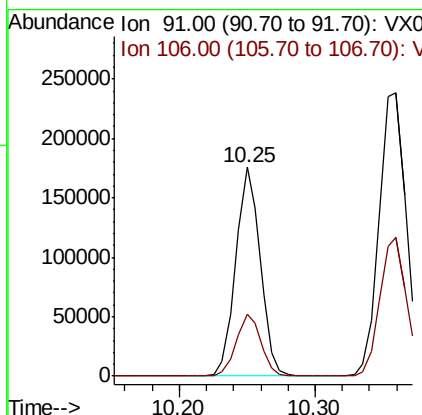
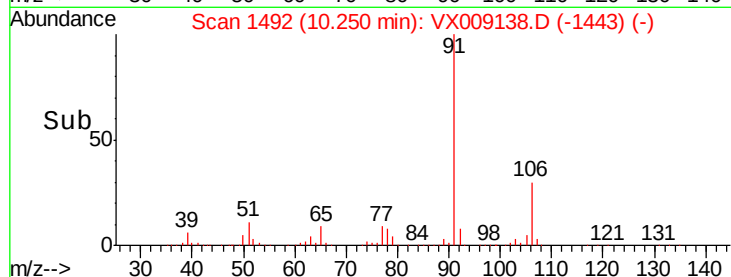
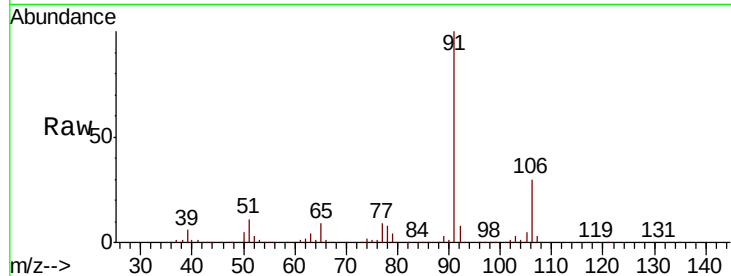




#67
Ethyl Benzene
Concen: 20.891 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009138.D
Acq: 24 Apr 2019 12:27

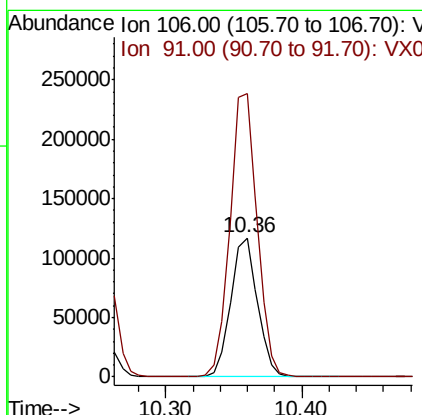
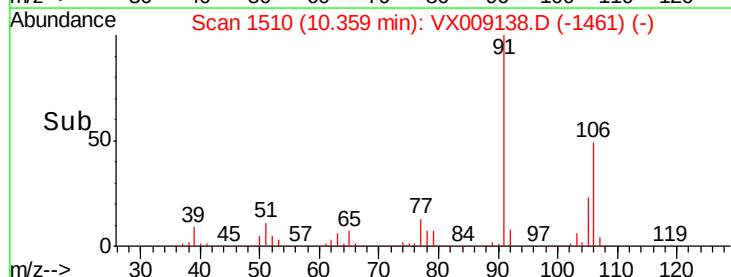
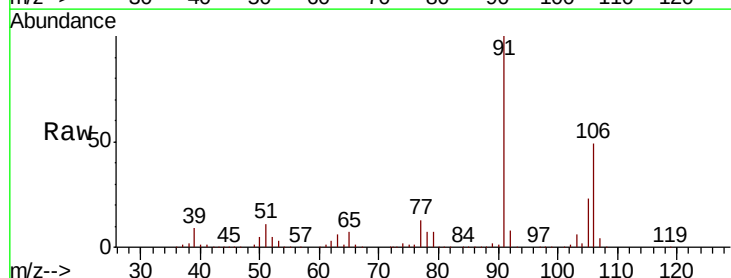
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

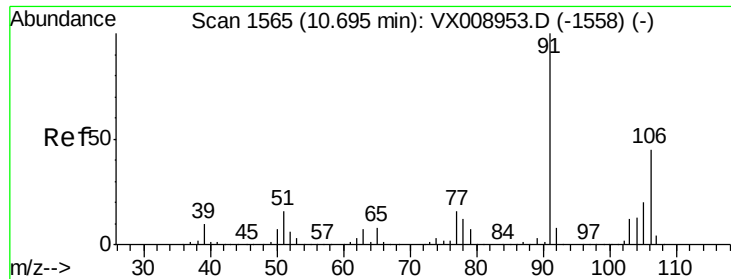
Tgt Ion: 91 Resp: 220028
Ion Ratio Lower Upper
91 100
106 29.9 24.3 36.5



#68
m/p-Xylenes
Concen: 41.545 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009138.D
Acq: 24 Apr 2019 12:27

Tgt Ion: 106 Resp: 159021
Ion Ratio Lower Upper
106 100
91 208.4 165.4 248.2

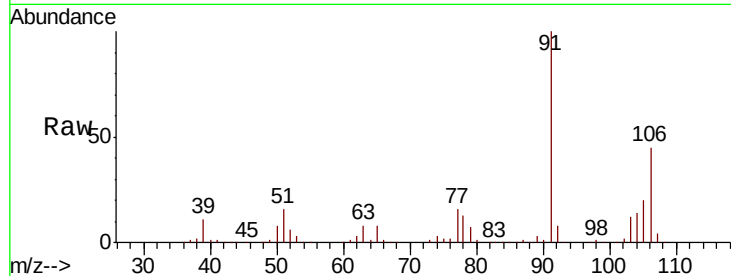




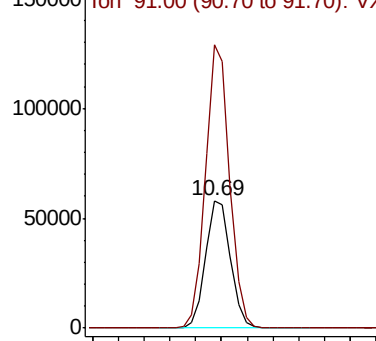
#69
o-Xylene
Concen: 20.924 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009138.D
Acq: 24 Apr 2019 12:27

Instrument :
MSVOA_X
ClientSampled :
VX0424WBSD01

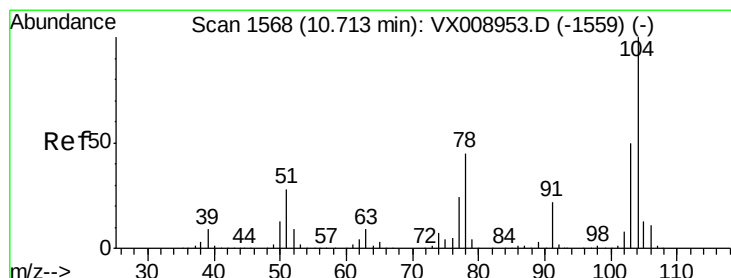
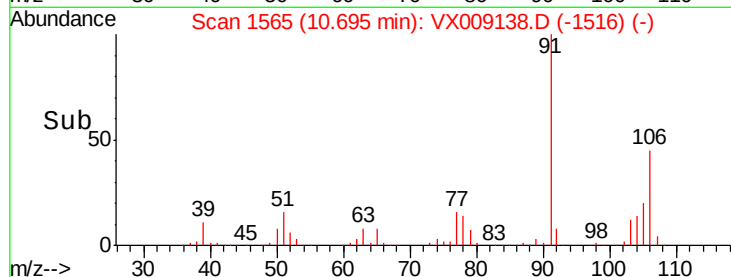
Tgt Ion:106 Resp: 77928
Ion Ratio Lower Upper
106 100
91 215.9 108.9 326.7



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

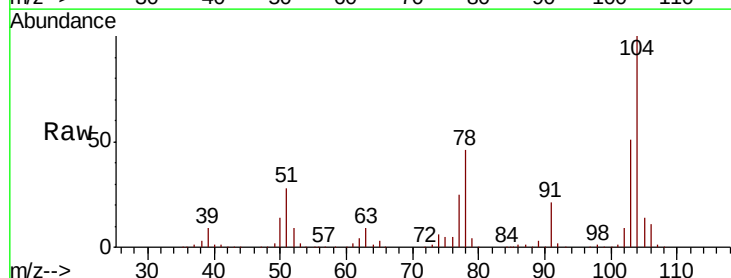


Time--> 10.60 10.70 10.80

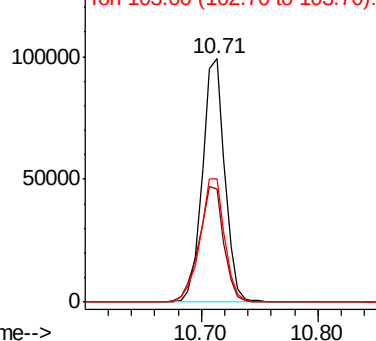


#70
Styrene
Concen: 20.577 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009138.D
Acq: 24 Apr 2019 12:27

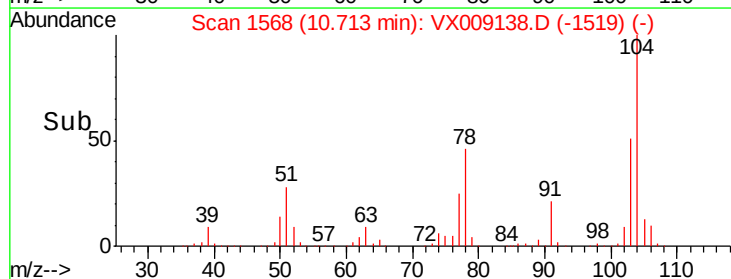
Tgt Ion:104 Resp: 132804
Ion Ratio Lower Upper
104 100
78 52.8 41.2 61.8
103 55.5 43.9 65.9

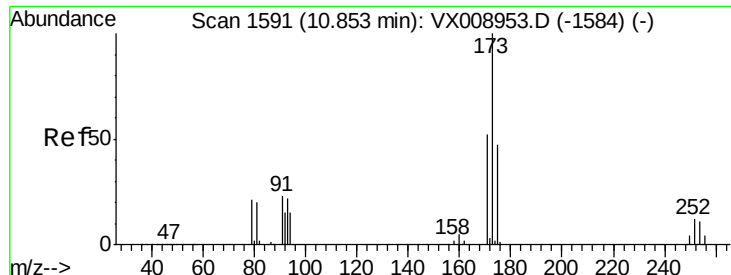


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.70 10.80





#71

Bromoform

Concen: 20.892 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009138.D

Acq: 24 Apr 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

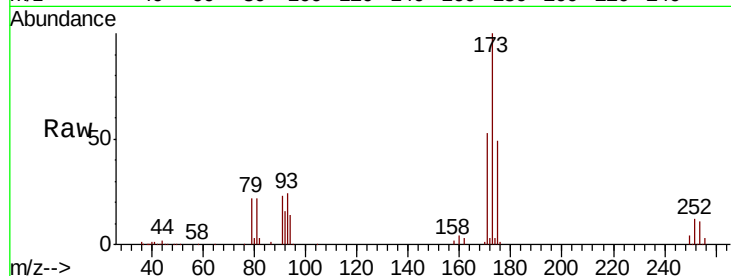
Tgt Ion:173 Resp: 33782

Ion Ratio Lower Upper

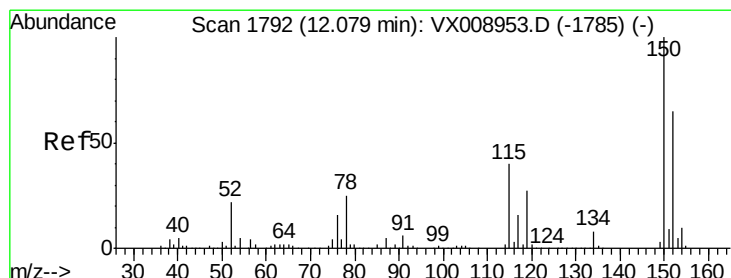
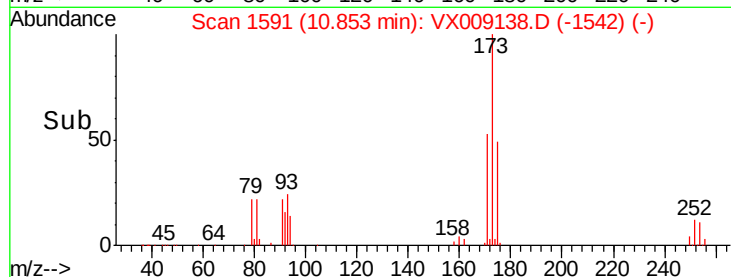
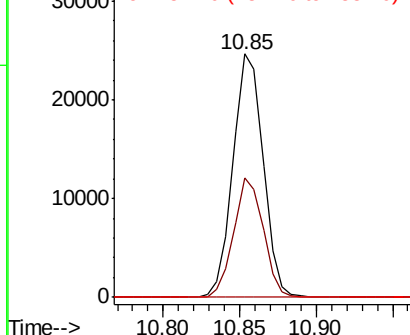
173 100

175 48.2 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: VX009138.D

Acq: 24 Apr 2019 12:27

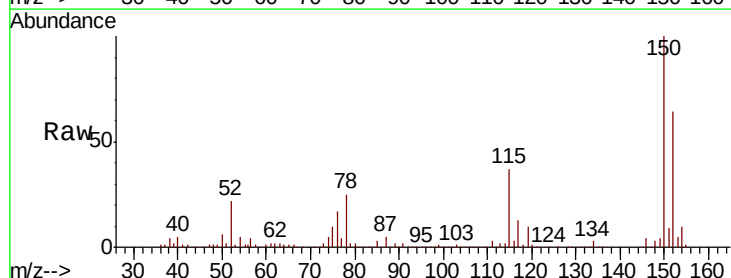
Tgt Ion:152 Resp: 127337

Ion Ratio Lower Upper

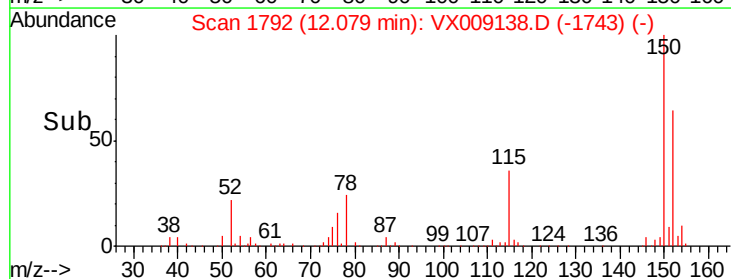
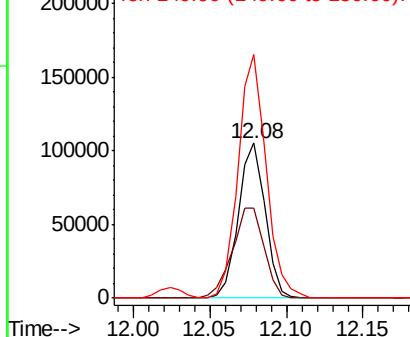
152 100

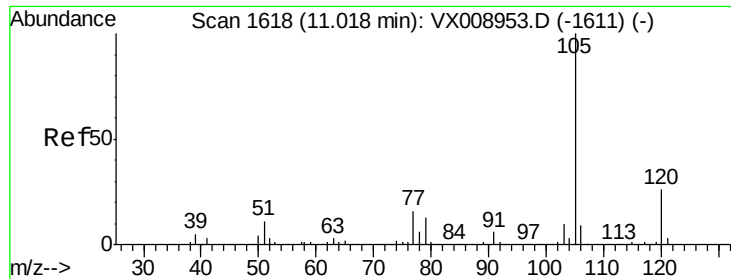
115 69.2 41.4 124.2

150 163.9 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

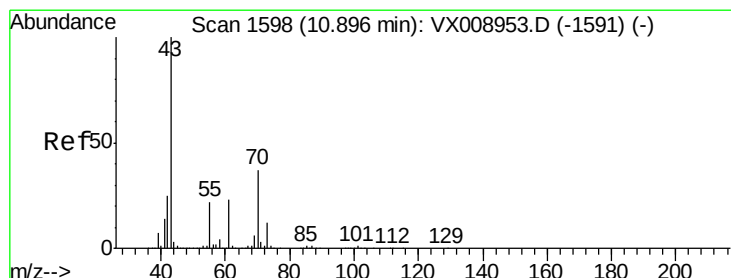
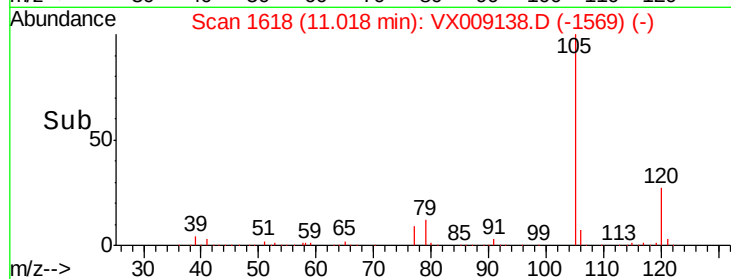
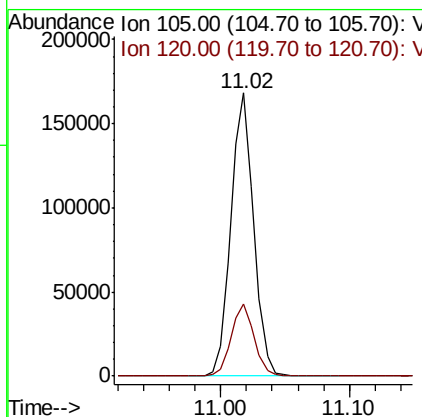
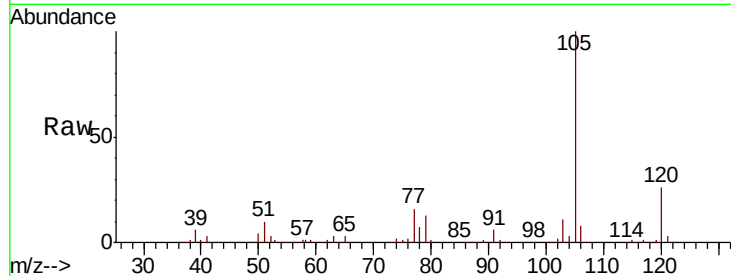




#73
Isopropylbenzene
Concen: 21.521 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009138.D
Acq: 24 Apr 2019 12:27

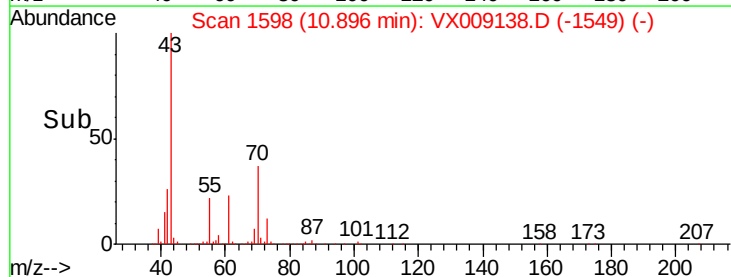
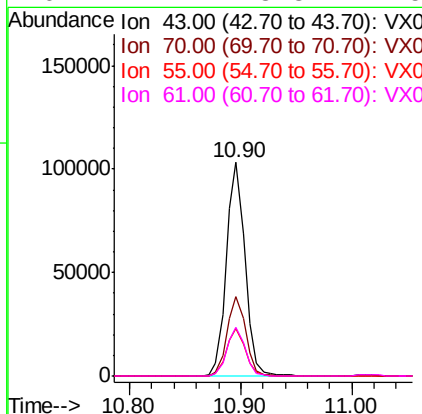
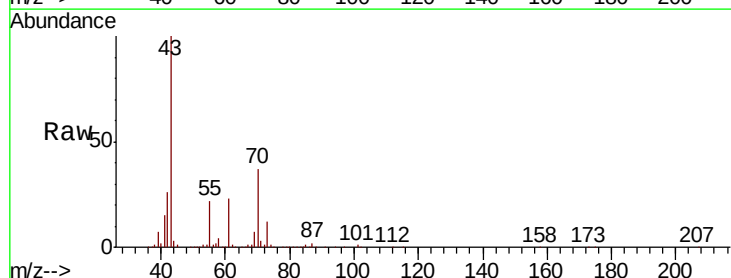
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

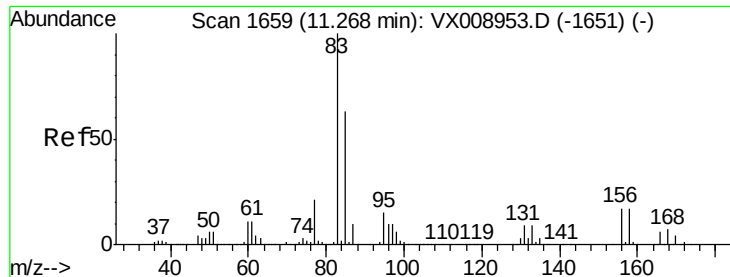
Tgt Ion: 105 Resp: 207724
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7



#74
N-ethyl acetate
Concen: 21.552 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX009138.D
Acq: 24 Apr 2019 12:27

Tgt Ion: 43 Resp: 119441
Ion Ratio Lower Upper
43 100
70 37.4 29.9 44.9
55 22.8 17.8 26.8
61 22.4 18.3 27.5

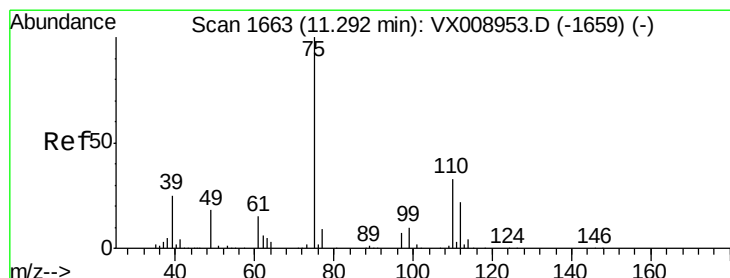
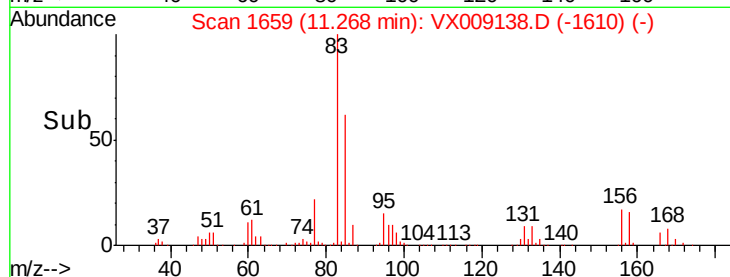
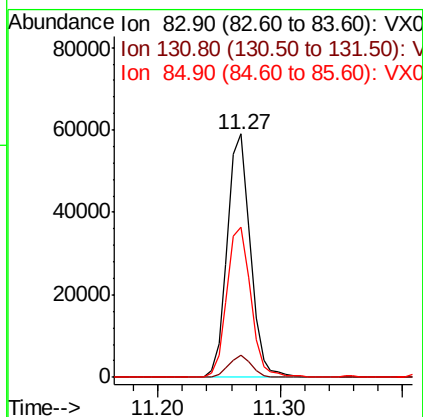
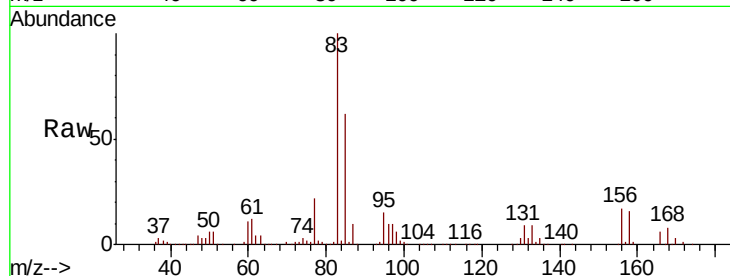




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.832 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX009138.D
 Acq: 24 Apr 2019 12:27

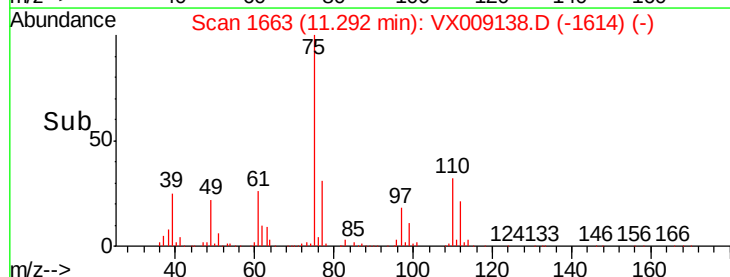
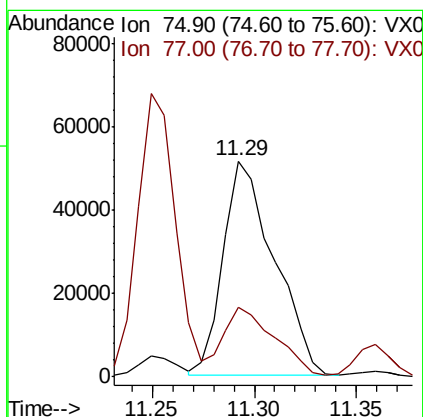
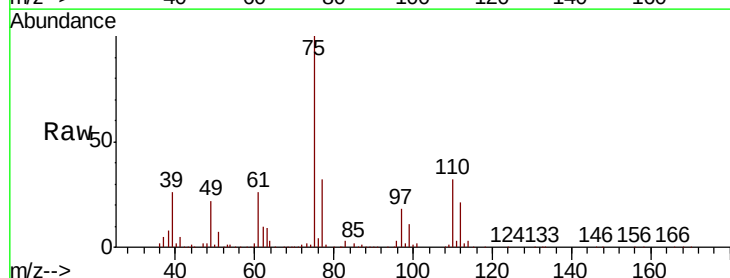
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

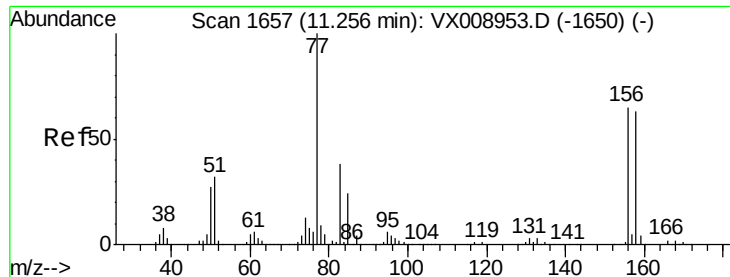
Tgt Ion	Ratio	Lower	Upper
83	100		
131	8.8	4.7	14.0
85	64.1	31.9	95.9



#76
 1,2,3-Trichloropropane
 Concen: 28.806 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX009138.D
 Acq: 24 Apr 2019 12:27

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.2	22.7	68.0





#77

Bromobenzene

Concen: 20.689 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009138.D

Acq: 24 Apr 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

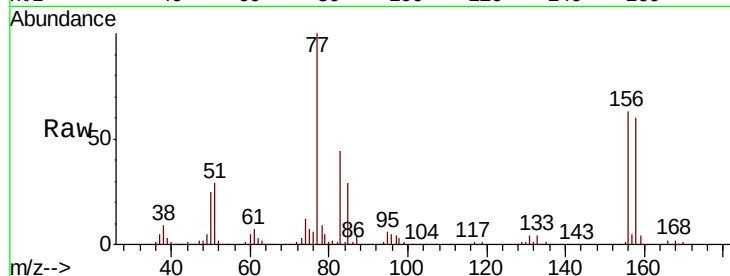
Tgt Ion:156 Resp: 50383

Ion Ratio Lower Upper

156 100

77 173.9 85.4 256.1

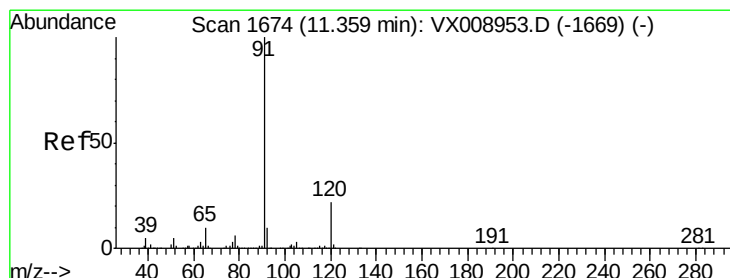
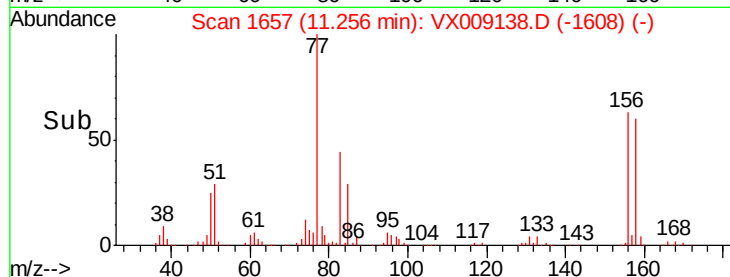
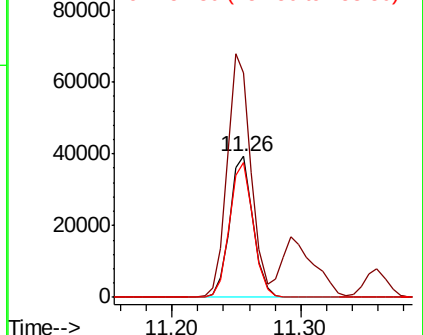
158 96.4 48.8 146.4



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: 21.324 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009138.D

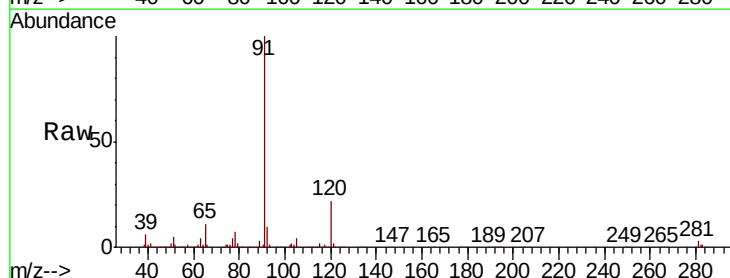
Acq: 24 Apr 2019 12:27

Tgt Ion: 91 Resp: 236233

Ion Ratio Lower Upper

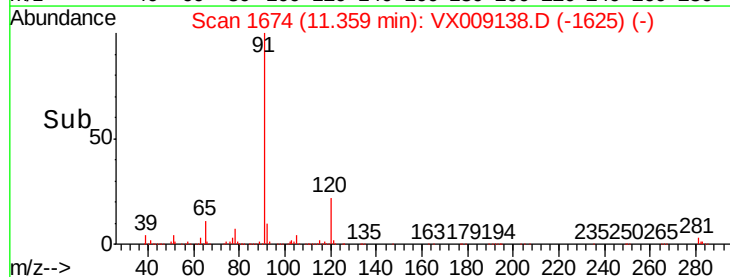
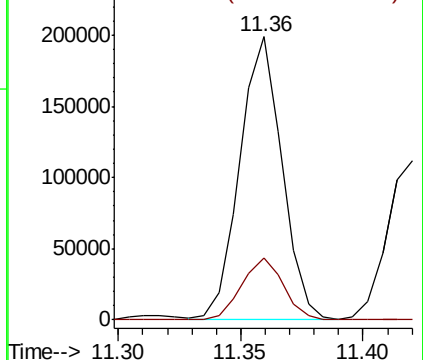
91 100

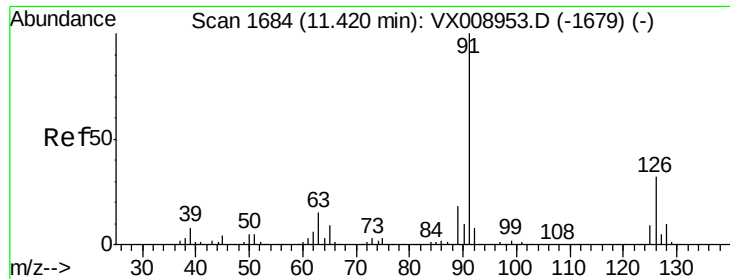
120 21.9 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

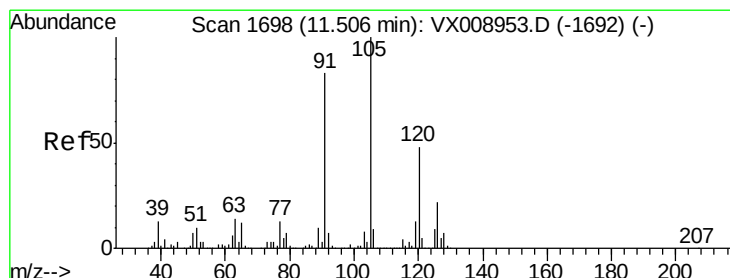
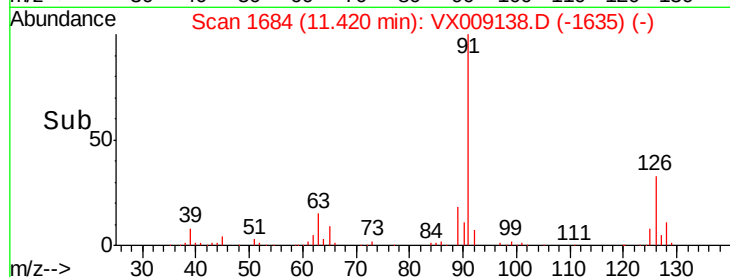
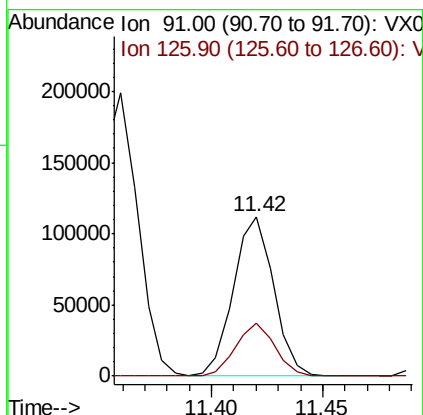
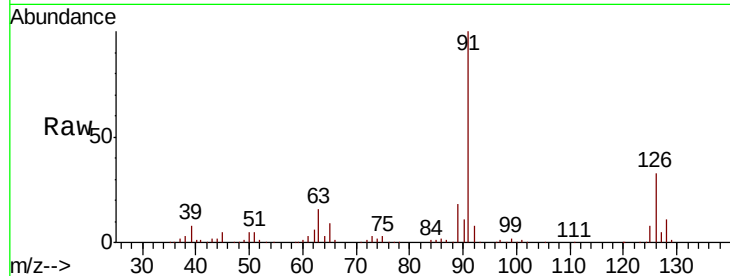




#79
 2-Chlorotoluene
 Concen: 21.056 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009138.D
 Acq: 24 Apr 2019 12:27

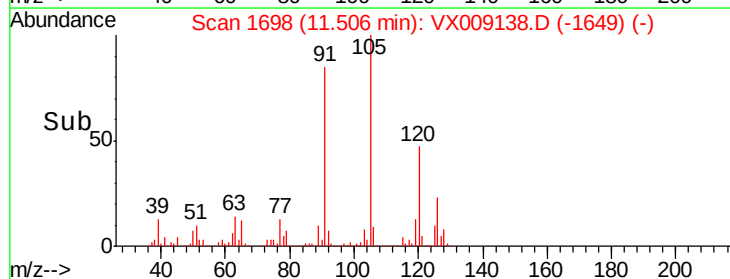
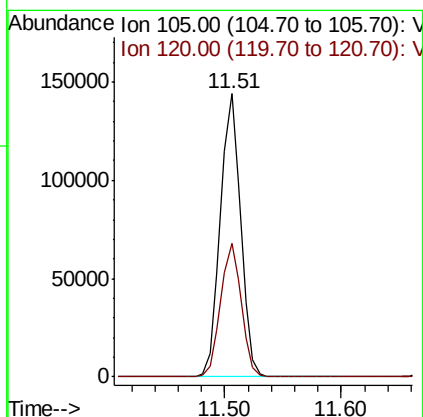
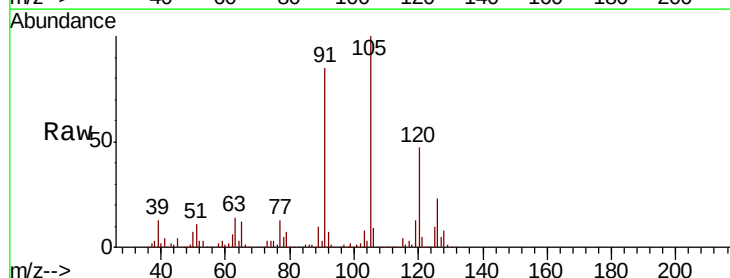
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

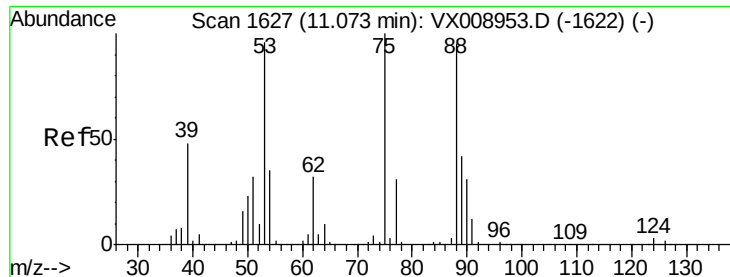
Tgt Ion: 91 Resp: 140569
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 21.379 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009138.D
 Acq: 24 Apr 2019 12:27

Tgt Ion: 105 Resp: 173160
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 20.370 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009138.D

Acq: 24 Apr 2019 12:27

Instrument :

MSVOA_X

ClientSampled :

VX0424WBSD01

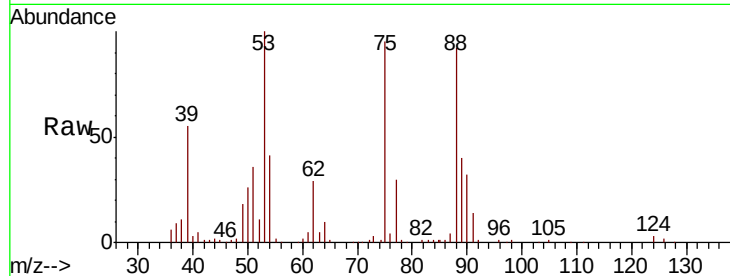
Tgt Ion: 75 Resp: 24671

Ion Ratio Lower Upper

75 100

53 106.6 78.2 117.4

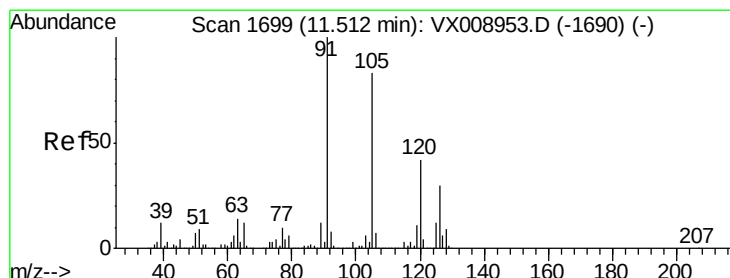
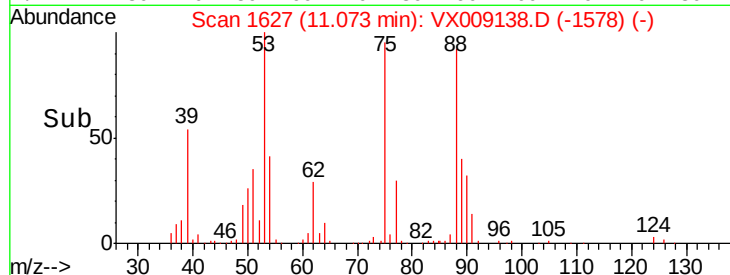
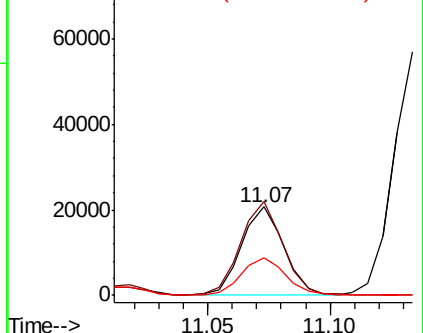
89 45.2 36.0 54.0



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: 20.714 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX009138.D

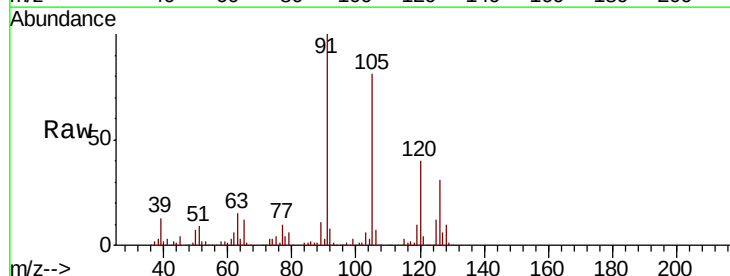
Acq: 24 Apr 2019 12:27

Tgt Ion: 91 Resp: 160597

Ion Ratio Lower Upper

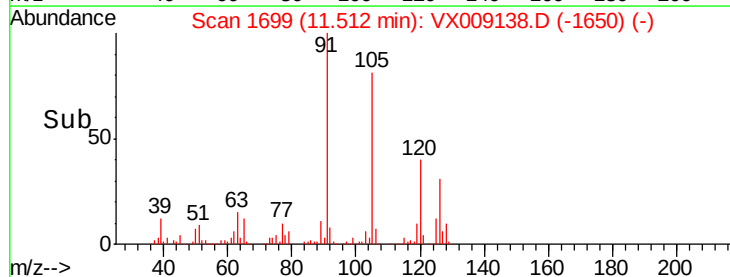
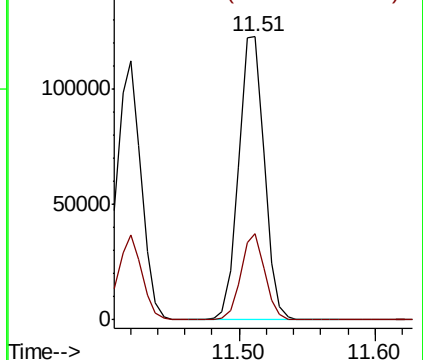
91 100

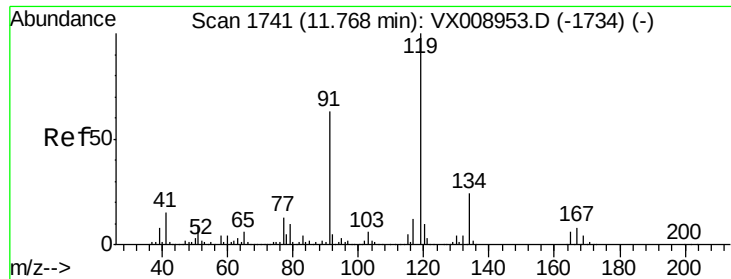
126 28.7 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

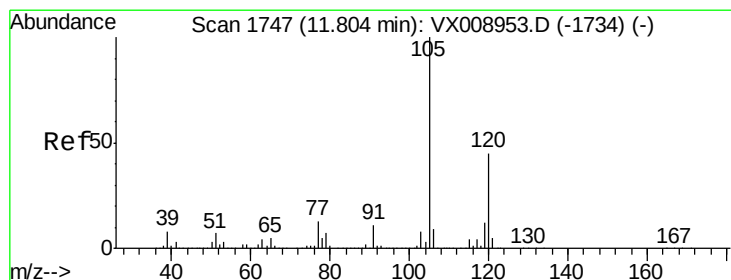
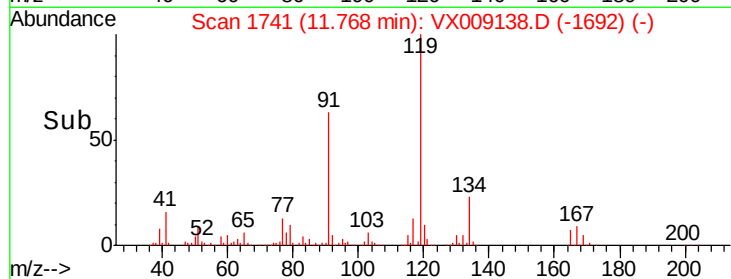
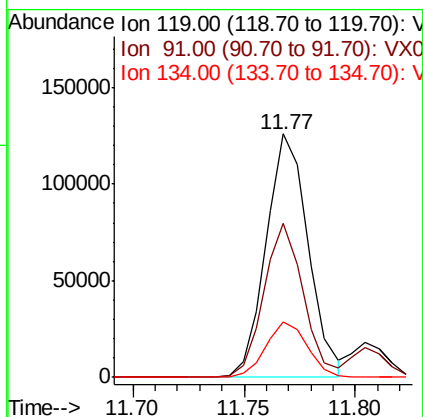
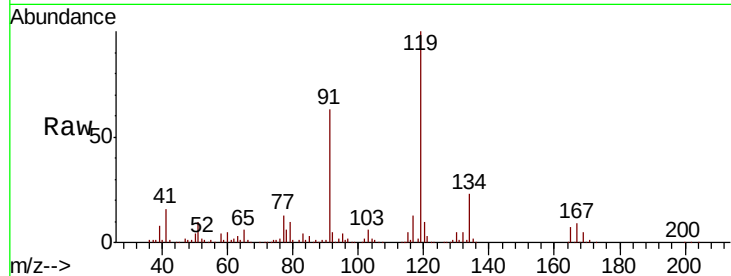




#83
 tert-Butylbenzene
 Concen: 21.288 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009138.D
 Acq: 24 Apr 2019 12:27

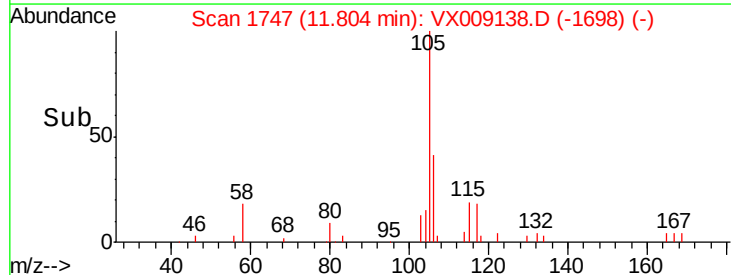
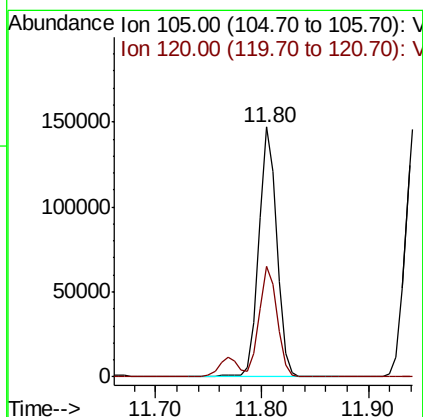
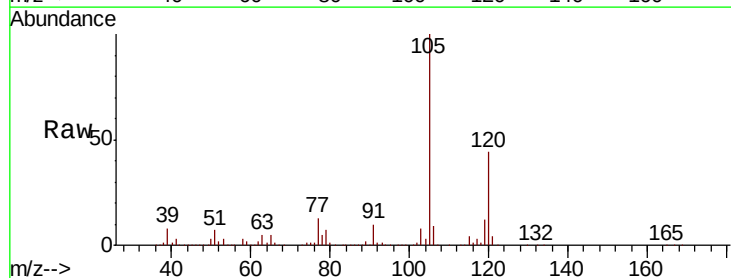
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

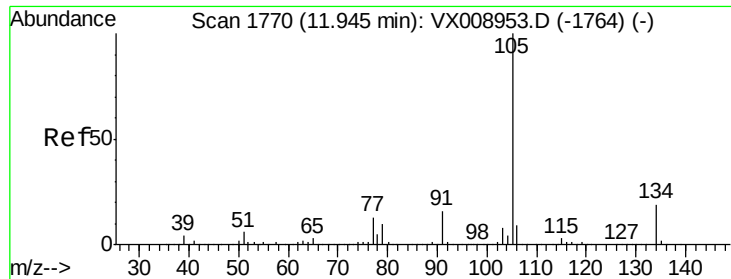
Tgt Ion:119 Resp: 165540
 Ion Ratio Lower Upper
 119 100
 91 59.3 29.7 89.1
 134 22.4 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 21.189 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009138.D
 Acq: 24 Apr 2019 12:27

Tgt Ion:105 Resp: 174694
 Ion Ratio Lower Upper
 105 100
 120 43.9 21.9 65.8

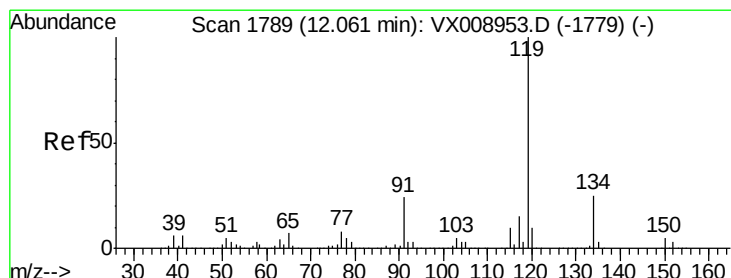
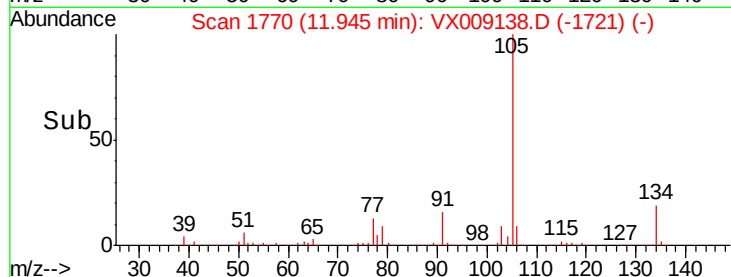
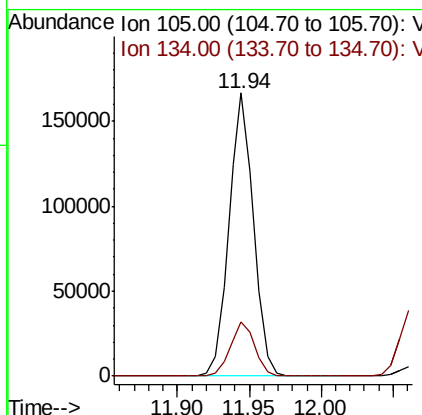
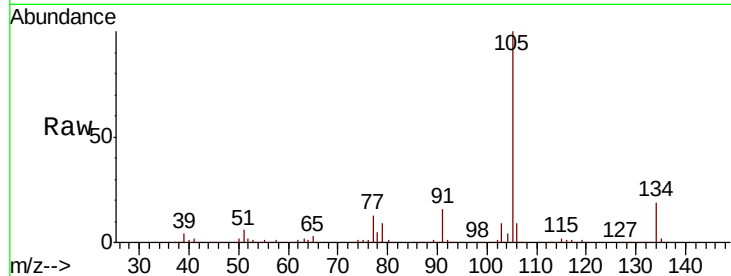




#85
 sec-Butylbenzene
 Concen: 21.359 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009138.D
 Acq: 24 Apr 2019 12:27

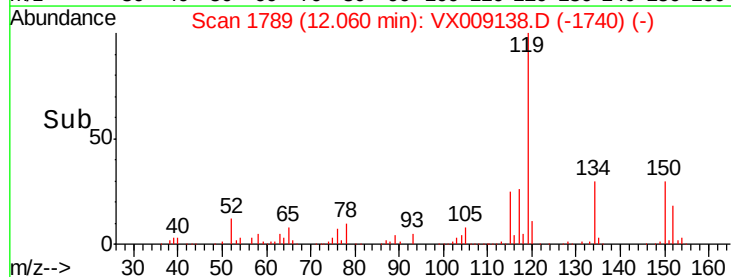
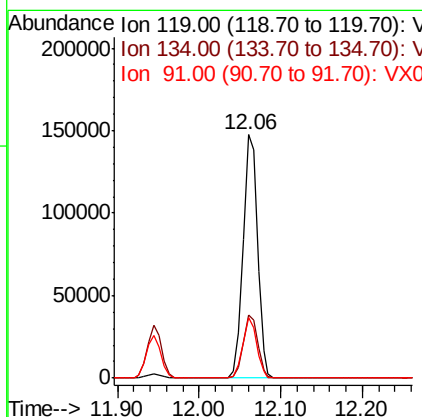
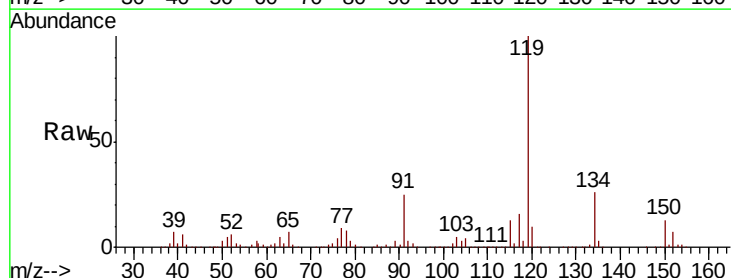
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

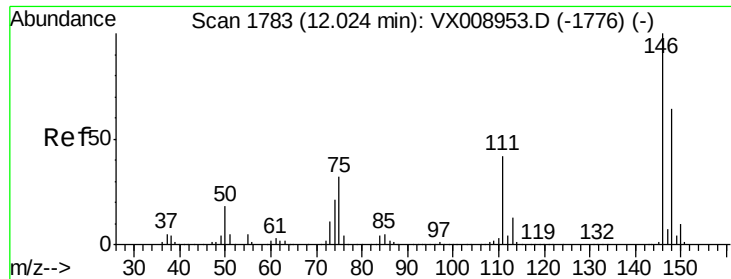
Tgt Ion:105 Resp: 198097
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 20.985 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX009138.D
 Acq: 24 Apr 2019 12:27

Tgt Ion:119 Resp: 178937
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.6
 91 23.7 11.9 35.5

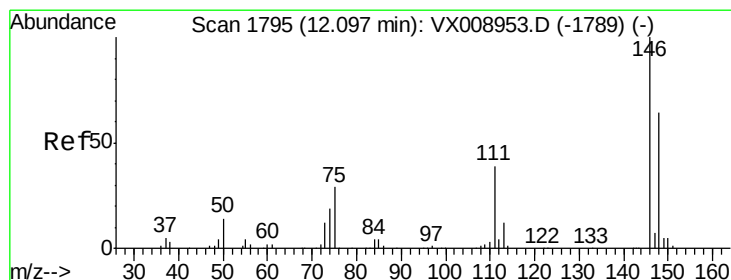
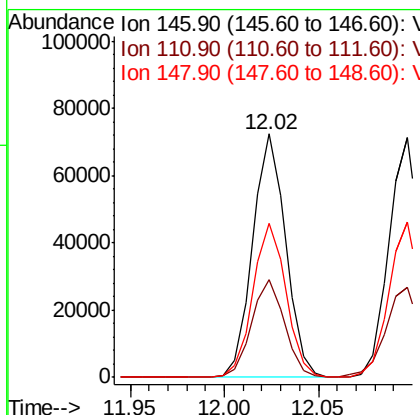
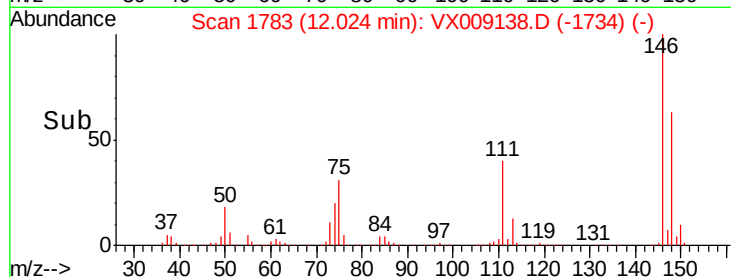
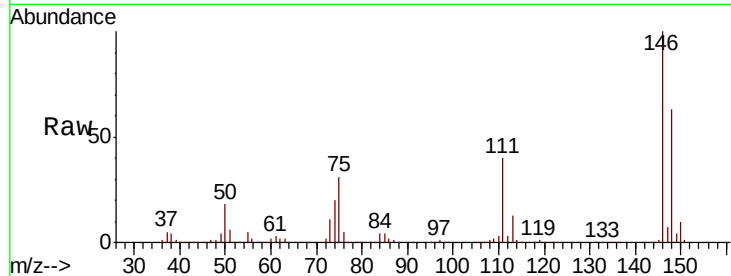




#87
 1,3-Dichlorobenzene
 Concen: 20.629 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009138.D
 Acq: 24 Apr 2019 12:27

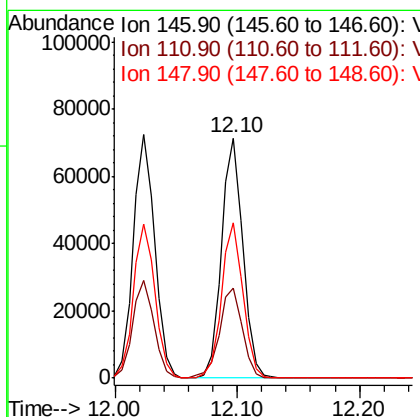
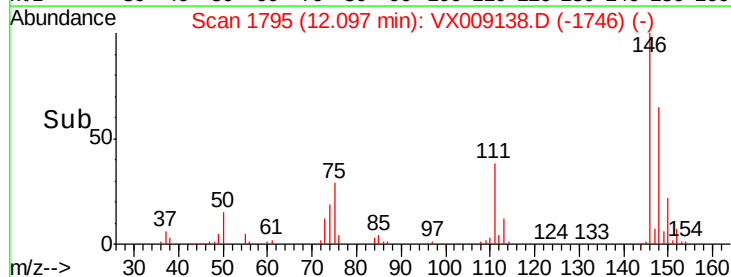
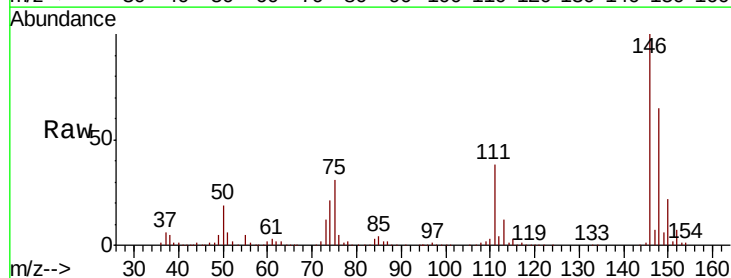
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

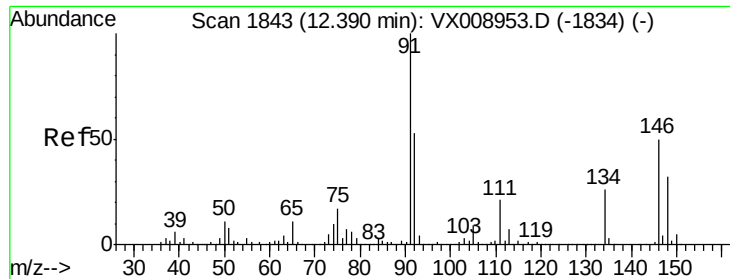
Tgt Ion:146 Resp: 87927
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.5 61.6
 148 63.7 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 20.091 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009138.D
 Acq: 24 Apr 2019 12:27

Tgt Ion:146 Resp: 86808
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.0 59.9
 148 65.0 32.2 96.6





#89

n-Butylbenzene

Concen: 20.733 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX009138.D

Acq: 24 Apr 2019 12:27

Instrument :

MSVOA_X

ClientSampled :

VX0424WBSD01

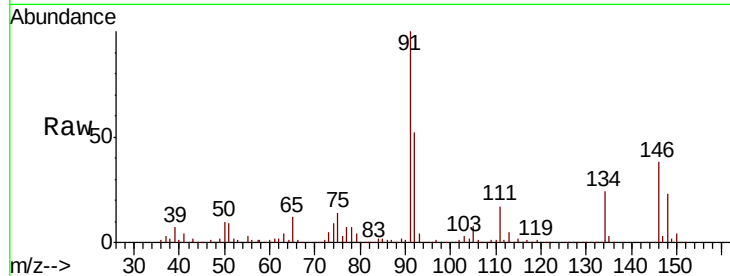
Tgt Ion: 91 Resp: 164646

Ion Ratio Lower Upper

91 100

92 52.8 26.6 79.8

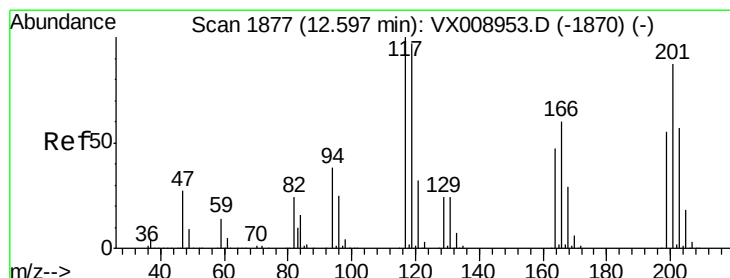
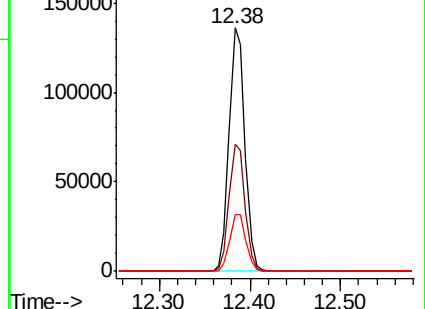
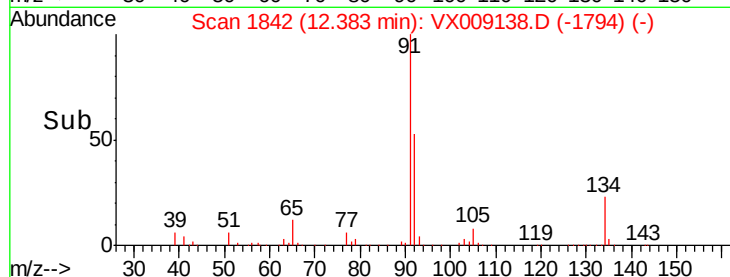
134 24.2 12.4 37.2



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: 21.318 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX009138.D

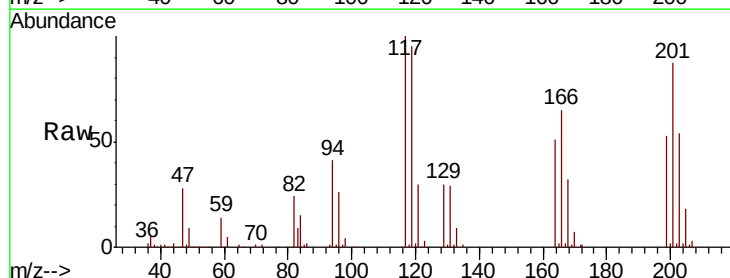
Acq: 24 Apr 2019 12:27

Tgt Ion: 117 Resp: 29984

Ion Ratio Lower Upper

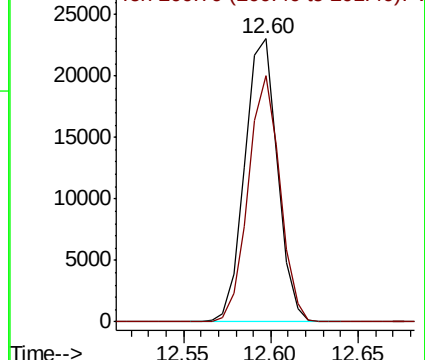
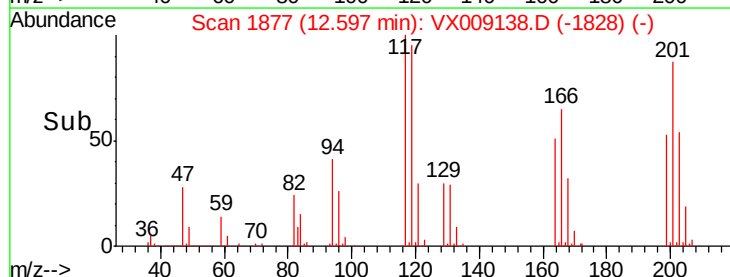
117 100

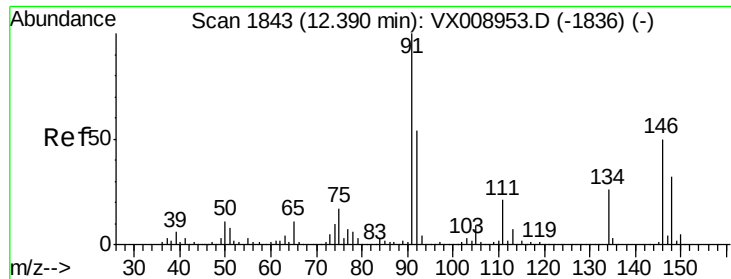
201 84.0 43.0 129.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

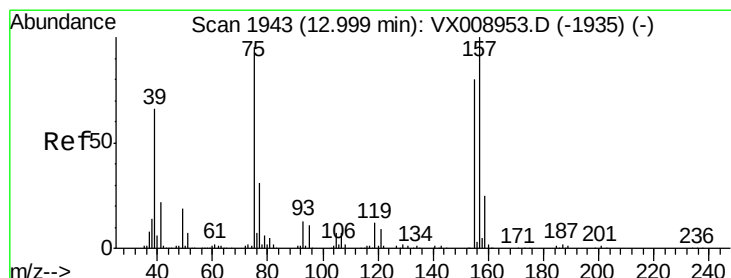
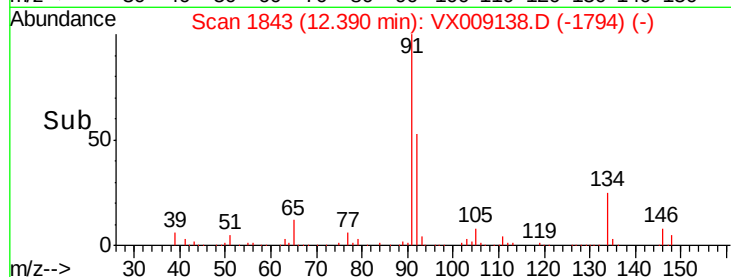
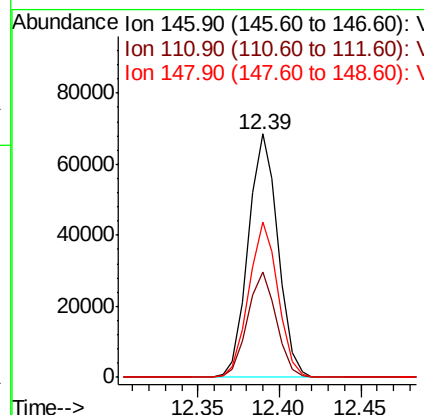
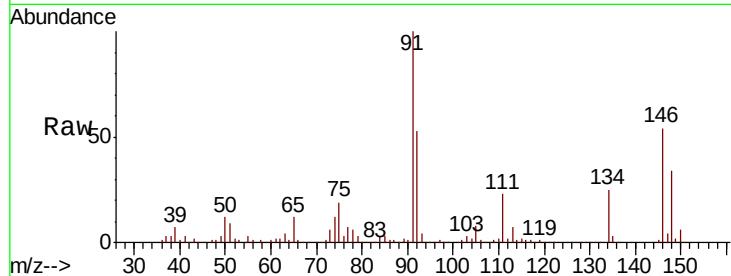




#91
 1,2-Dichlorobenzene
 Concen: 20.673 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009138.D
 Acq: 24 Apr 2019 12:27

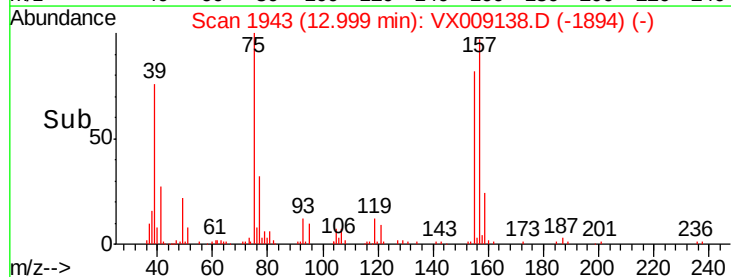
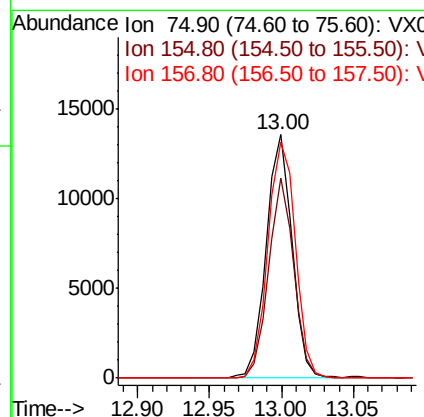
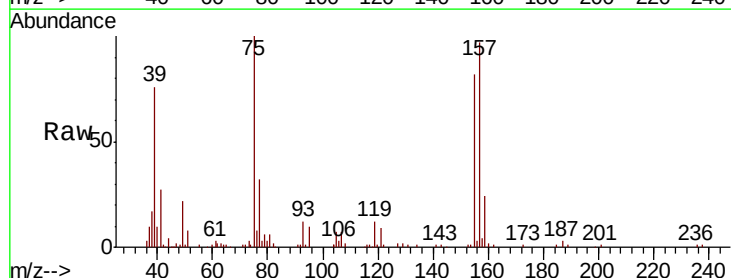
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

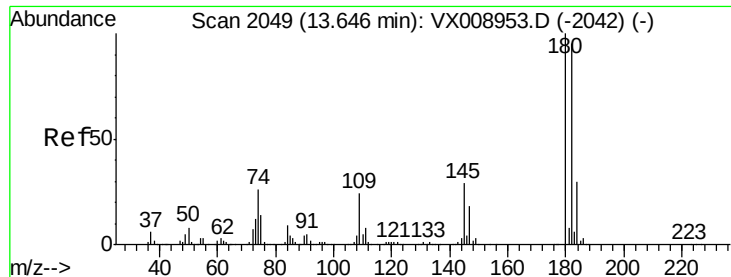
Tgt Ion: 146 Resp: 87010
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.6 61.9
 148 62.9 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.822 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009138.D
 Acq: 24 Apr 2019 12:27

Tgt Ion: 75 Resp: 16719
 Ion Ratio Lower Upper
 75 100
 155 80.0 41.2 123.6
 157 103.7 52.5 157.6

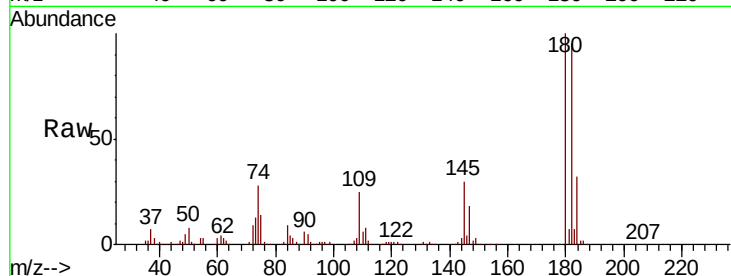




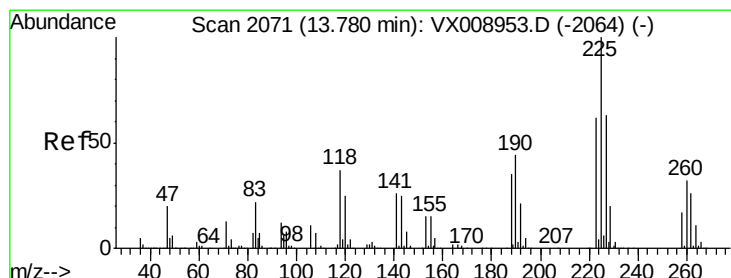
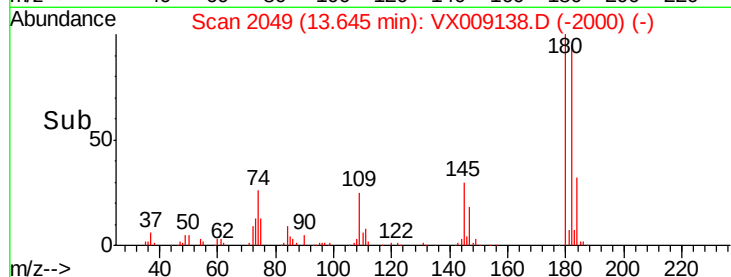
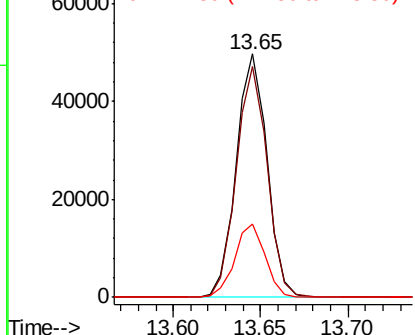
#93
 1,2,4-Trichlorobenzene
 Concen: 20.001 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009138.D
 Acq: 24 Apr 2019 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

Tgt Ion:180 Resp: 60768
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.6 142.9
 145 29.8 14.8 44.4

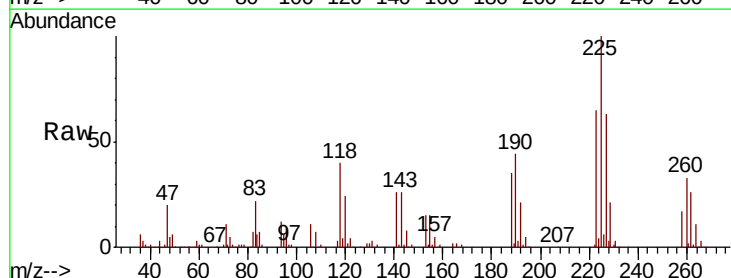


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

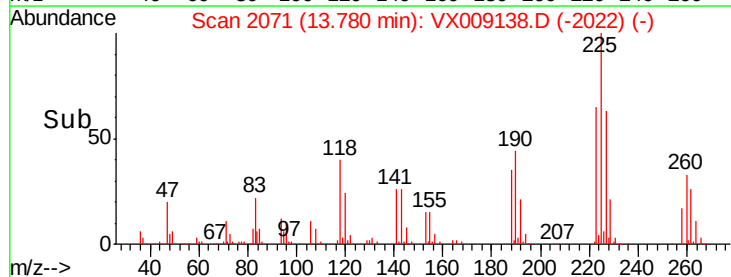
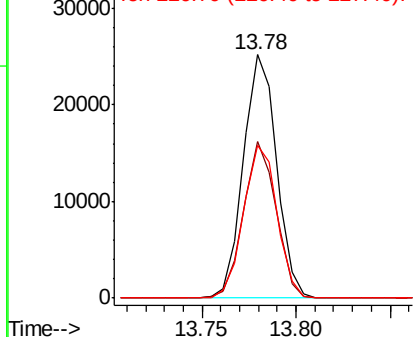


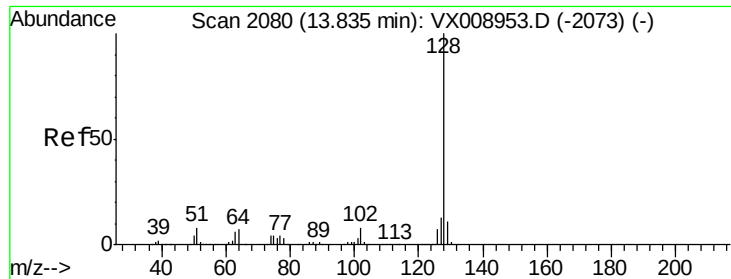
#94
 Hexachlorobutadiene
 Concen: 20.327 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009138.D
 Acq: 24 Apr 2019 12:27

Tgt Ion:225 Resp: 30802
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.1 93.2
 227 63.6 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

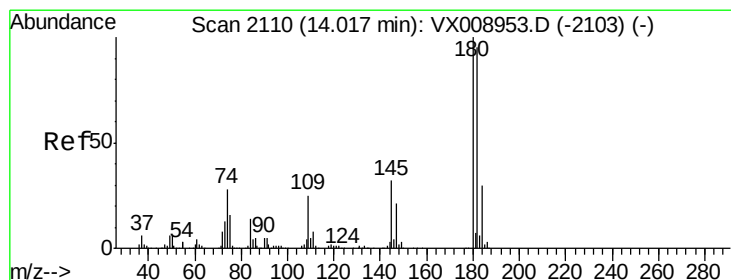
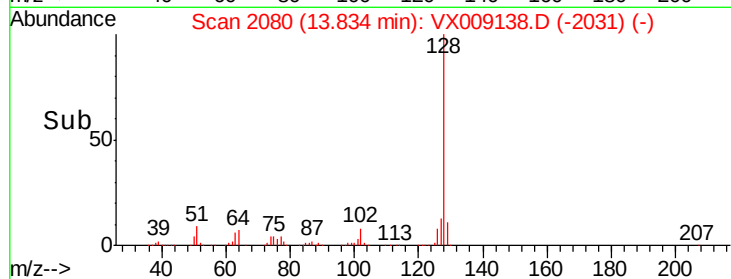
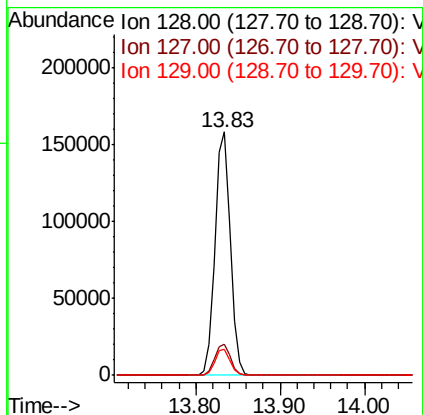
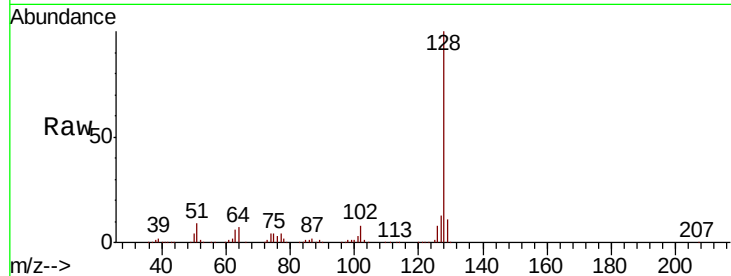




#95
Naphthalene
Concen: 20.594 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009138.D
Acq: 24 Apr 2019 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

Tgt Ion:128 Resp: 200460
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.291 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009138.D
Acq: 24 Apr 2019 12:27

Tgt Ion:180 Resp: 60826
Ion Ratio Lower Upper
180 100
182 96.5 47.8 143.4
145 31.5 15.8 47.3

