

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX041119\
 Data File : VX008859.D
 Acq On : 11 Apr 2019 18:04
 Operator : JC/SP
 Sample : K2349-13MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW139-190409MSD

Quant Time: Apr 12 07:36:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	151810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	249927	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	226750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	107912	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	99074	44.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.48%	
35) Dibromofluoromethane	5.50	113	72851	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	
50) Toluene-d8	8.71	98	294476	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
62) 4-Bromofluorobenzene	11.13	95	108910	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	100023	57.239	ug/l	98
3) Chloromethane	1.32	50	122597	57.499	ug/l	99
4) Vinyl Chloride	1.40	62	114397	48.427	ug/l	98
5) Bromomethane	1.64	94	65682	56.201	ug/l	98
6) Chloroethane	1.71	64	66990	52.051	ug/l	100
7) Trichlorofluoromethane	1.92	101	125329	47.995	ug/l	98
8) Diethyl Ether	2.18	74	56172	45.361	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	78480	46.680	ug/l	98
10) Methyl Iodide	2.51	142	93466	60.158	ug/l	99
11) Tert butyl alcohol	3.05	59	122536	236.382	ug/l	99
12) 1,1-Dichloroethene	2.37	96	82718	47.131	ug/l	97
13) Acrolein	2.29	56	80182	311.943	ug/l	99
14) Allyl chloride	2.73	41	195605	48.685	ug/l	98
15) Acrylonitrile	3.14	53	324829	236.535	ug/l	100
16) Acetone	2.44	43	270675	212.238	ug/l	97
17) Carbon Disulfide	2.57	76	249084	49.134	ug/l	99
18) Methyl Acetate	2.77	43	136996	44.291	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	308811	49.270	ug/l	100
20) Methylene Chloride	2.85	84	97830	45.827	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	89448	47.118	ug/l	93
22) Diisopropyl ether	3.85	45	370384	47.829	ug/l	94
23) Vinyl Acetate	3.81	43	1657704	246.072	ug/l	99
24) 1,1-Dichloroethane	3.70	63	181500	47.339	ug/l	99
25) 2-Butanone	4.67	43	475178	235.738	ug/l	97
26) 2,2-Dichloropropane	4.59	77	123732	45.820	ug/l	89
27) cis-1,2-Dichloroethene	4.59	96	267326	122.480	ug/l	93
28) Bromochloromethane	5.01	49	84571	52.985	ug/l	100
29) Tetrahydrofuran	5.13	42	315291	235.666	ug/l	99
30) Chloroform	5.21	83	162581	47.476	ug/l	98
31) Cyclohexane	5.58	56	177619	46.428	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	135180	48.849	ug/l	100
36) 1,1-Dichloropropene	5.80	75	128146	46.906	ug/l	99
37) Ethyl Acetate	4.83	43	178314	48.899	ug/l	99
38) Carbon Tetrachloride	5.78	117	111860	49.471	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	156757	46.449	ug/l	98
40) Benzene	6.14	78	397659	48.860	ug/l	99
41) Methacrylonitrile	5.04	41	104819	50.007	ug/l	98
42) 1,2-Dichloroethane	6.19	62	140316	48.090	ug/l	99
43) Isopropyl Acetate	6.45	43	281737	49.320	ug/l	99
44) Trichloroethene	7.21	130	121110	63.891	ug/l	97
45) 1,2-Dichloropropane	7.51	63	111578	48.032	ug/l	99
46) Dibromomethane	7.66	93	63621	47.221	ug/l	98
47) Bromodichloromethane	7.90	83	126359	49.741	ug/l	98
48) Methyl methacrylate	7.77	41	145524	50.361	ug/l	99
49) 1,4-Dioxane	7.74	88	47575	878.893	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	950238	258.408	ug/l	100
52) Toluene	8.78	92	237471	49.491	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	145971	51.297	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	161876	49.785	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	94343	48.983	ug/l	99
56) Ethyl methacrylate	9.18	69	179490	51.506	ug/l	100
57) 1,3-Dichloropropane	9.37	76	169913	49.129	ug/l	100
59) 2-Hexanone	9.49	43	725121	253.736	ug/l	99
60) Dibromochloromethane	9.58	129	93290	51.401	ug/l	100
61) 1,2-Dibromoethane	9.67	107	97744	48.748	ug/l	99
64) Tetrachloroethene	9.34	164	320413	190.724	ug/l	99
65) Chlorobenzene	10.13	112	242813	48.308	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	85391	48.426	ug/l	98
67) Ethyl Benzene	10.25	91	452374	48.266	ug/l	99
68) m/p-Xylenes	10.36	106	331474	98.363	ug/l	98
69) o-Xylene	10.69	106	161500	49.452	ug/l	98
70) Styrene	10.71	104	283788	50.411	ug/l	99
71) Bromoform	10.85	173	68903	51.163	ug/l #	99
73) Isopropylbenzene	11.02	105	427073	47.755	ug/l	100
74) N-amyl acetate	10.90	43	254108	48.295	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	156429	45.993	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	186205	62.813	ug/l	81
77) Bromobenzene	11.26	156	104778	48.736	ug/l	97
78) n-propylbenzene	11.36	91	495645	47.599	ug/l	100
79) 2-Chlorotoluene	11.42	91	296196	47.004	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	358316	47.732	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	53008	49.291	ug/l	99
82) 4-Chlorotoluene	11.51	91	340015	46.615	ug/l	98
83) tert-Butylbenzene	11.77	119	341955	47.348	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	362648	47.709	ug/l	100
85) sec-Butylbenzene	11.94	105	411563	47.975	ug/l	99
86) p-Isopropyltoluene	12.06	119	373779	48.544	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	183755	47.743	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	183240	47.016	ug/l	99
89) n-Butylbenzene	12.38	91	343796	47.611	ug/l	99
90) Hexachloroethane	12.60	117	61943	48.504	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	183089	47.912	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34584	46.223	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	128002	48.176	ug/l	98

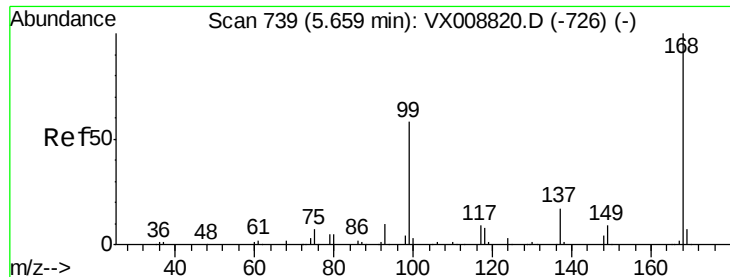
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	64209	50.390	ug/l	100
95) Naphthalene	13.83	128	422240	47.548	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	128272	48.319	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

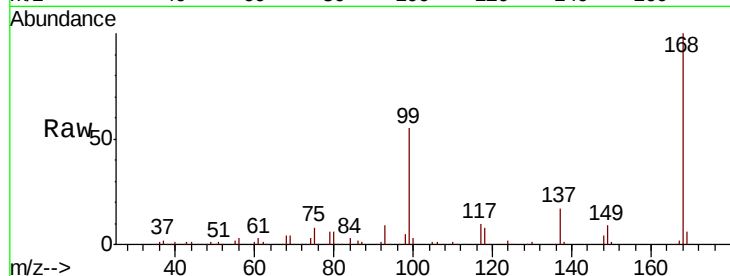
KY062MW139-190409MSD

Tgt Ion:168 Resp: 151810

Ion Ratio Lower Upper

168 100

99 54.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

30000

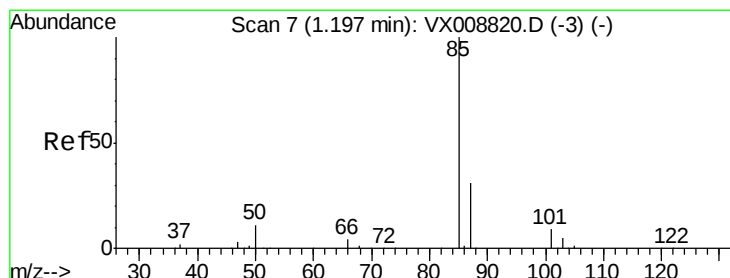
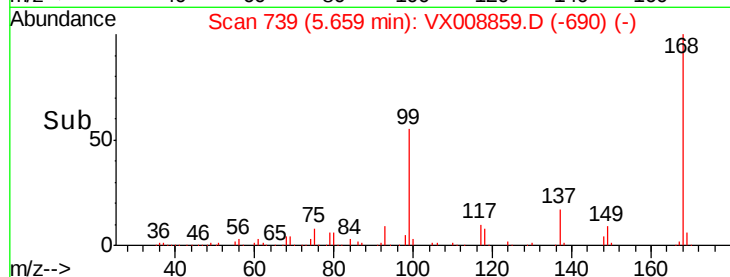
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10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 57.239 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008859.D

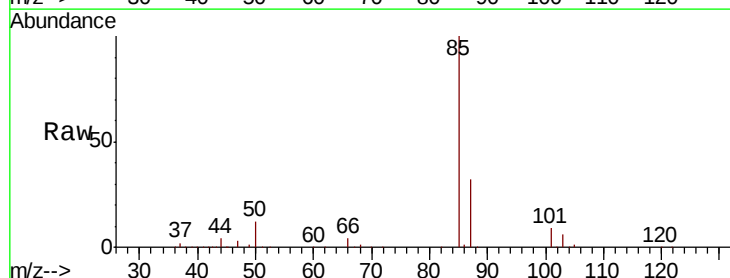
Acq: 11 Apr 2019 18:04

Tgt Ion: 85 Resp: 100023

Ion Ratio Lower Upper

85 100

87 32.4 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

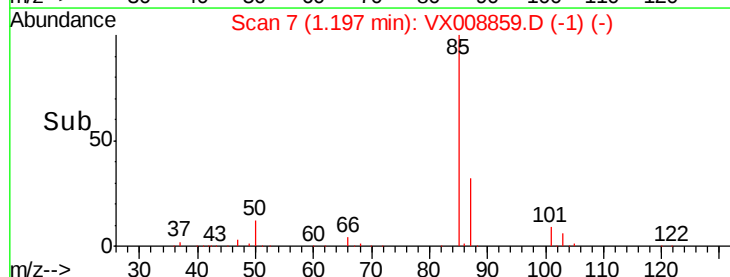
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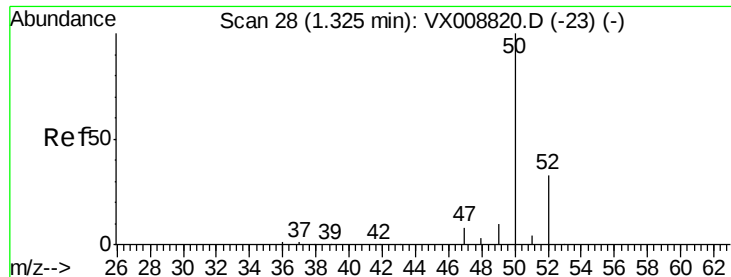
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0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 57.499 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

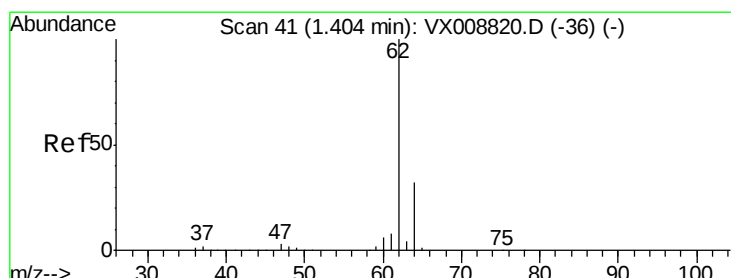
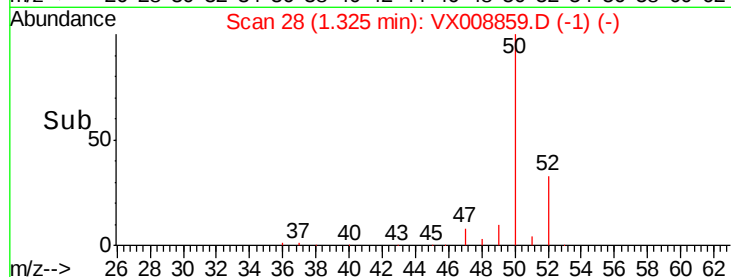
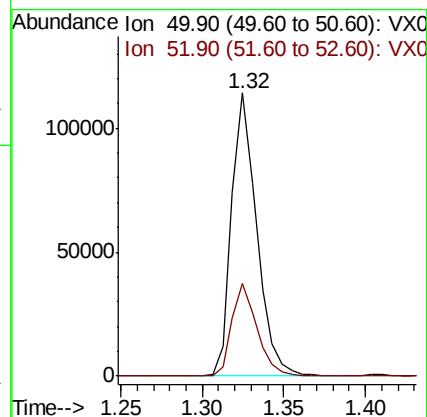
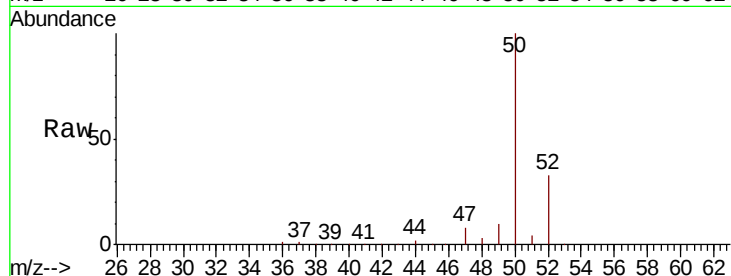
KY062MW139-190409MSD

Tgt Ion: 50 Resp: 122597

Ion Ratio Lower Upper

50 100

52 32.7 25.8 38.8



#4

Vinyl Chloride

Concen: 48.427 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008859.D

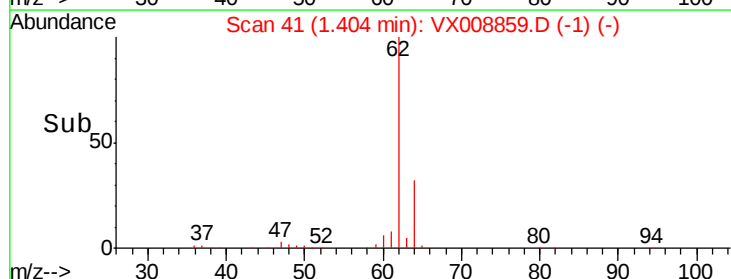
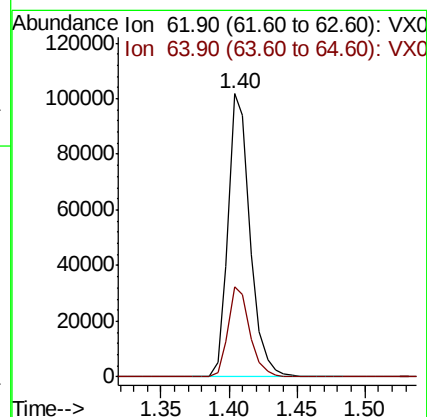
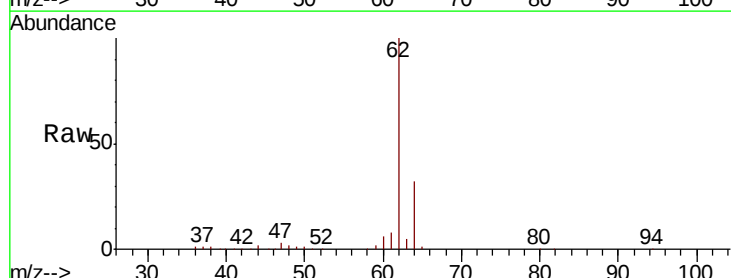
Acq: 11 Apr 2019 18:04

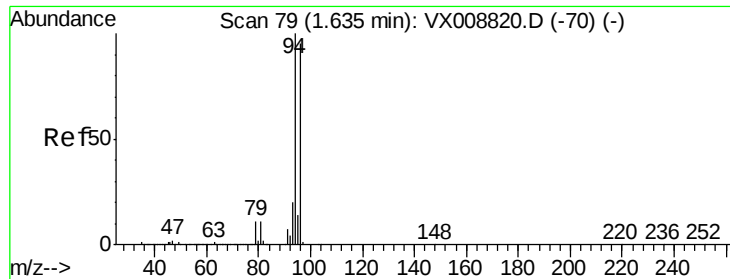
Tgt Ion: 62 Resp: 114397

Ion Ratio Lower Upper

62 100

64 31.9 24.7 37.1





#5

Bromomethane

Concen: 56.201 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

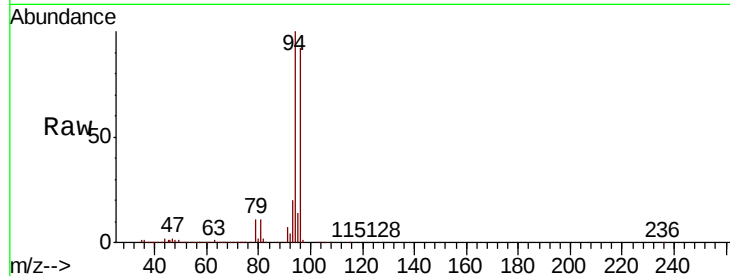
KY062MW139-190409MSD

Tgt Ion: 94 Resp: 65682

Ion Ratio Lower Upper

94 100

96 92.4 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

60000

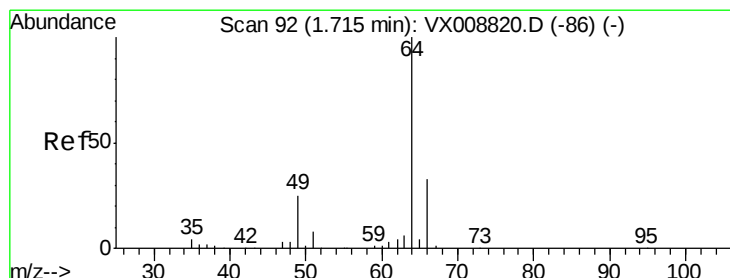
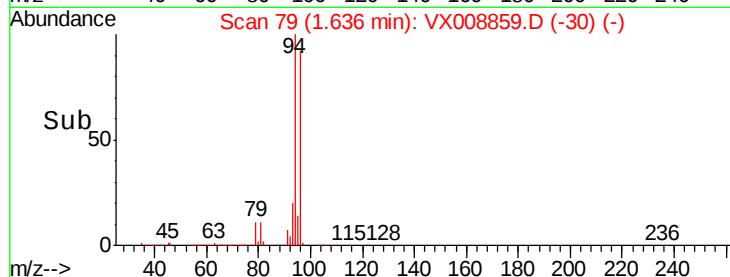
40000

20000

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Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 52.051 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008859.D

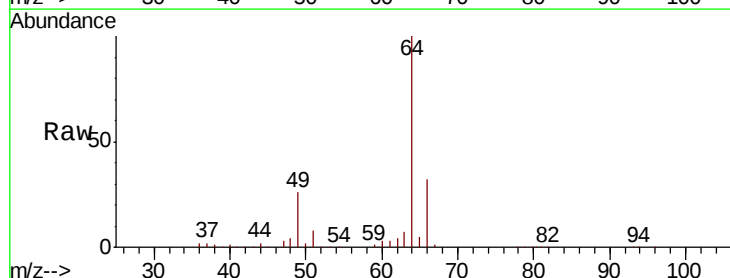
Acq: 11 Apr 2019 18:04

Tgt Ion: 64 Resp: 66990

Ion Ratio Lower Upper

64 100

66 31.9 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

50000

40000

30000

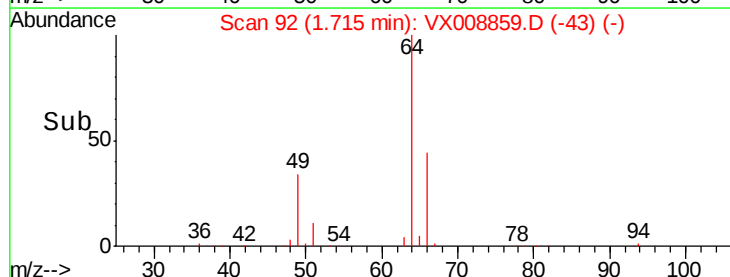
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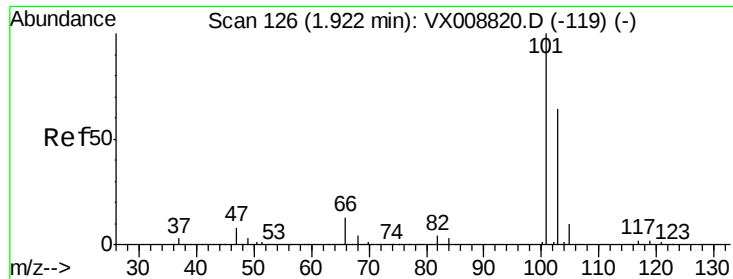
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Time-->

1.70 1.80



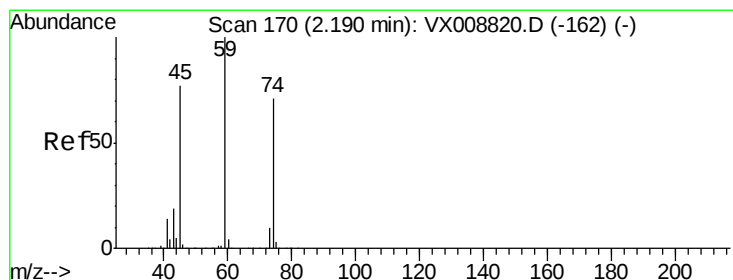
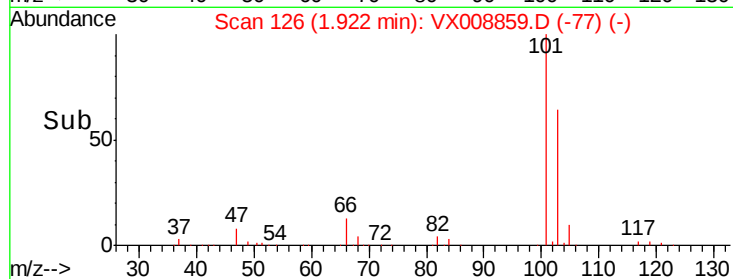
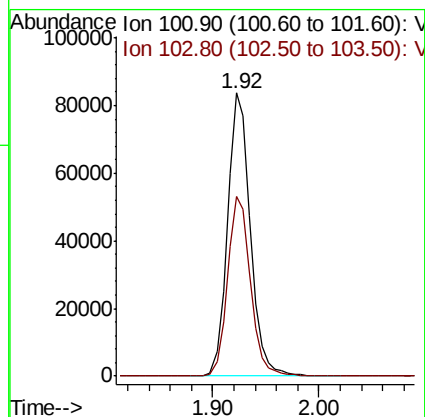
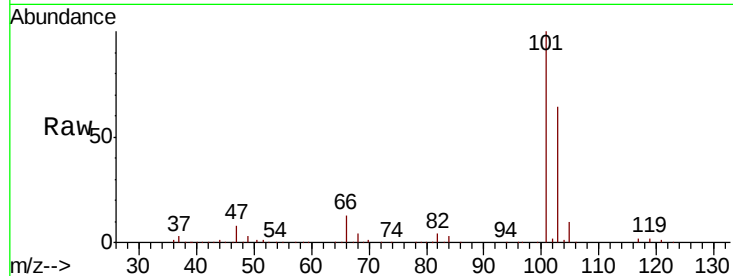


#7

Trichlorofluoromethane
 Concen: 47.995 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX008859.D
 Acq: 11 Apr 2019 18:04

Instrument :
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 ClientSampleId :
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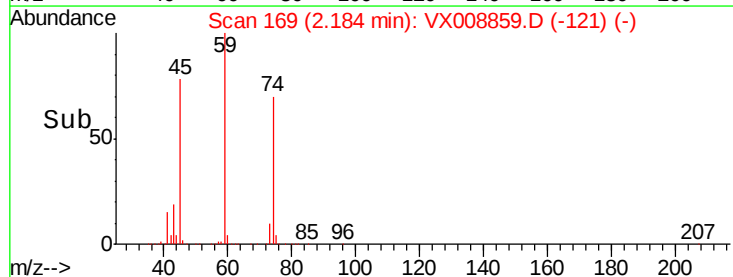
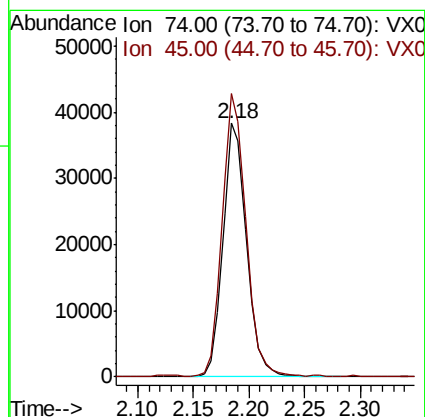
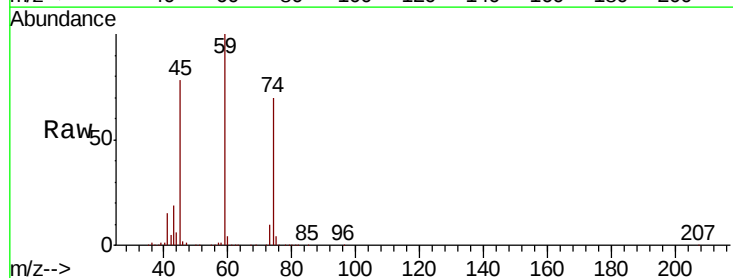
Tgt Ion: 101 Resp: 125329
 Ion Ratio Lower Upper
 101 100
 103 63.6 52.3 78.5

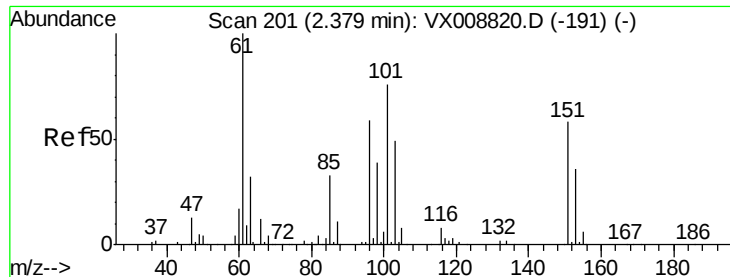


#8

Diethyl Ether
 Concen: 45.361 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX008859.D
 Acq: 11 Apr 2019 18:04

Tgt Ion: 74 Resp: 56172
 Ion Ratio Lower Upper
 74 100
 45 111.6 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.680 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

KY062MW139-190409MSD

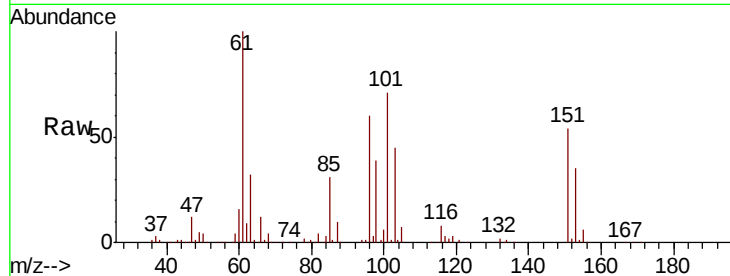
Tgt Ion:101 Resp: 78480

Ion Ratio Lower Upper

101 100

85 43.9 36.0 54.0

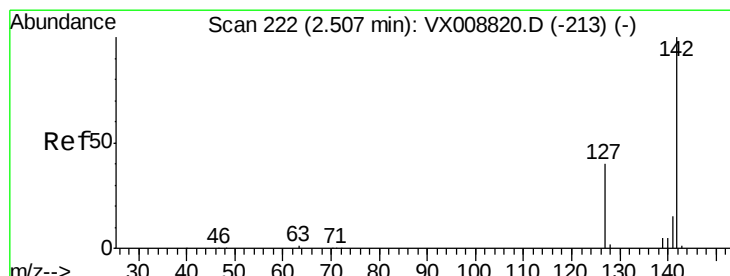
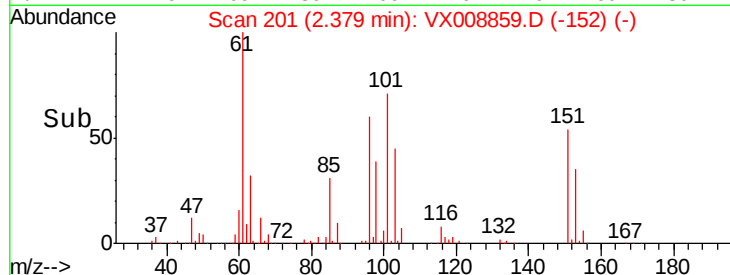
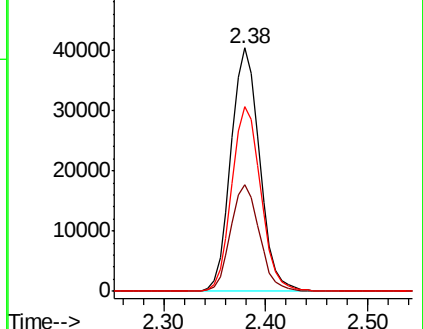
151 77.1 59.9 89.9



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: 60.158 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

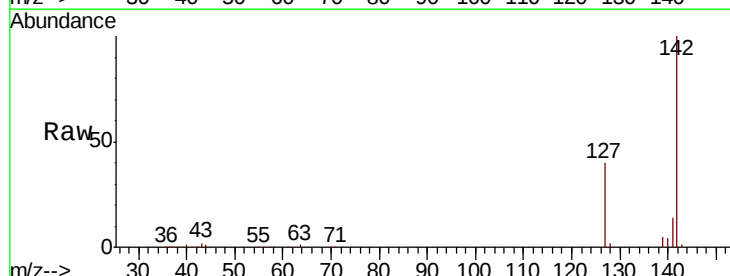
Tgt Ion:142 Resp: 93466

Ion Ratio Lower Upper

142 100

127 40.9 33.0 49.6

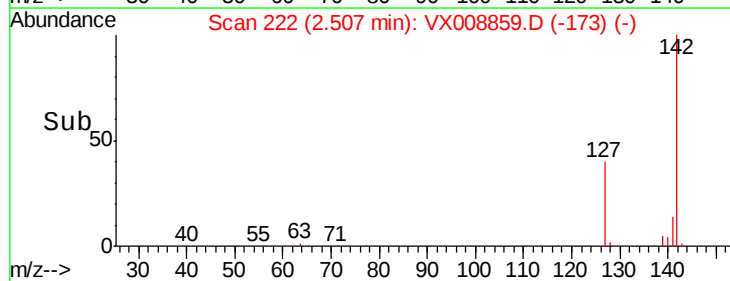
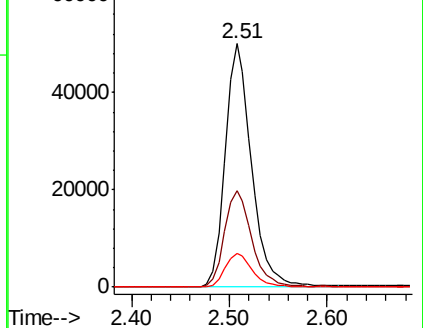
141 14.4 11.4 17.2

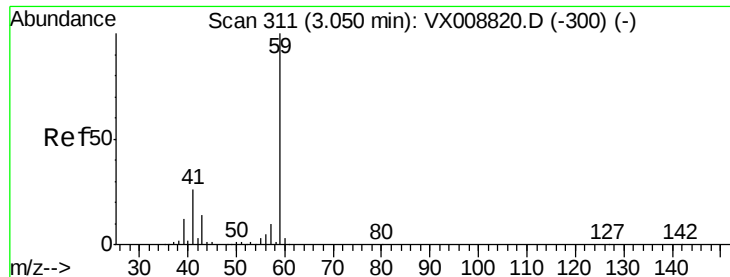


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

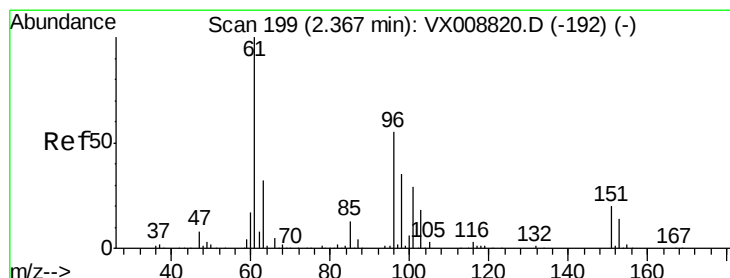
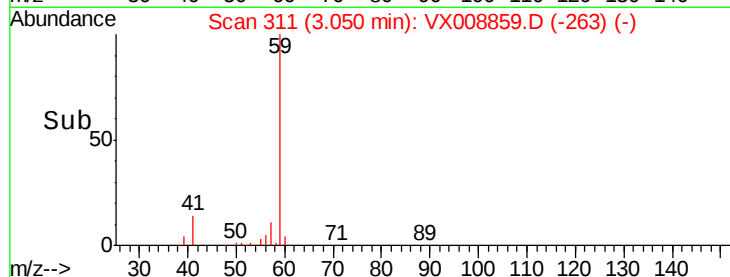
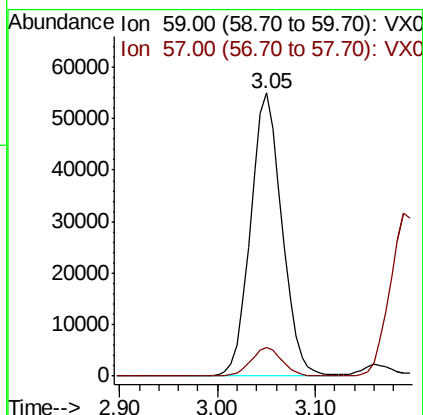
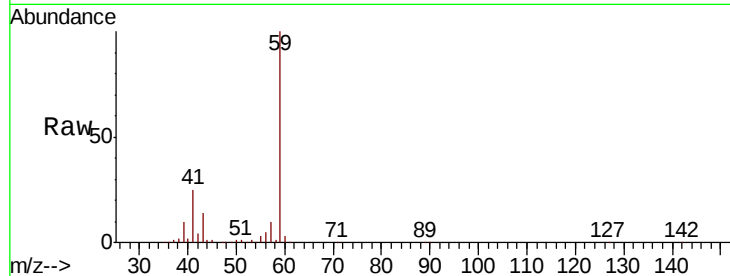




#11
Tert butyl alcohol
Concen: 236.382 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.01 min
Lab File: VX008859.D
Acq: 11 Apr 2019 18:04

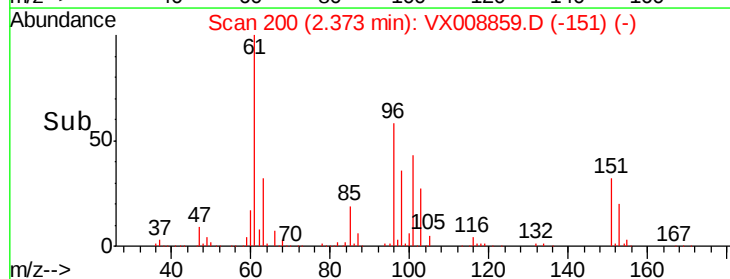
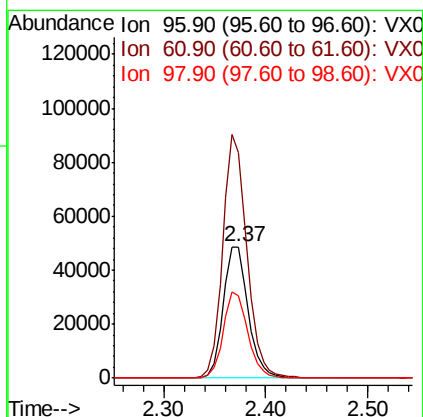
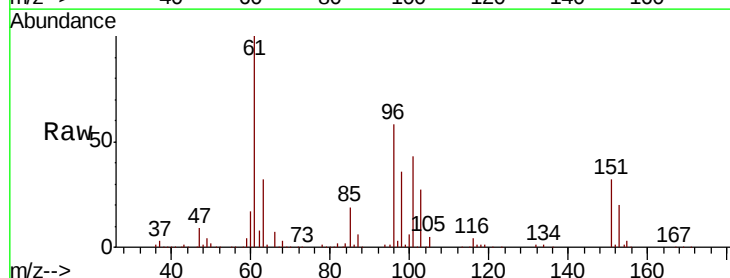
Instrument :
MSVOA_X
ClientSampleId :
KY062MW139-190409MSD

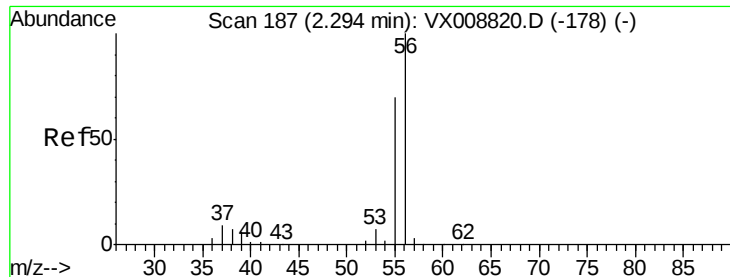
Tgt Ion: 59 Resp: 122536
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5



#12
1,1-Dichloroethene
Concen: 47.131 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX008859.D
Acq: 11 Apr 2019 18:04

Tgt Ion: 96 Resp: 82718
Ion Ratio Lower Upper
96 100
61 171.7 140.9 211.3
98 62.3 52.1 78.1





#13

Acrolein

Concen: 311.943 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

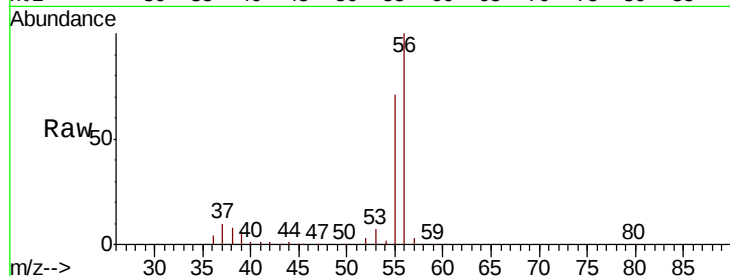
KY062MW139-190409MSD

Tgt Ion: 56 Resp: 80182

Ion Ratio Lower Upper

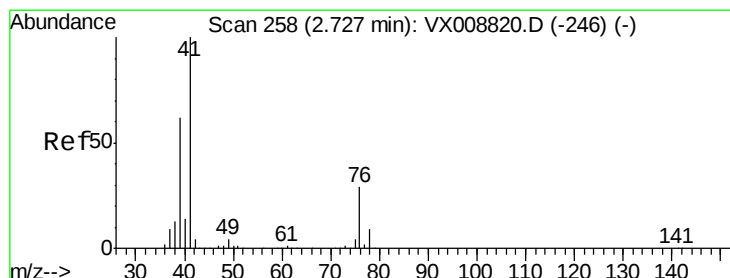
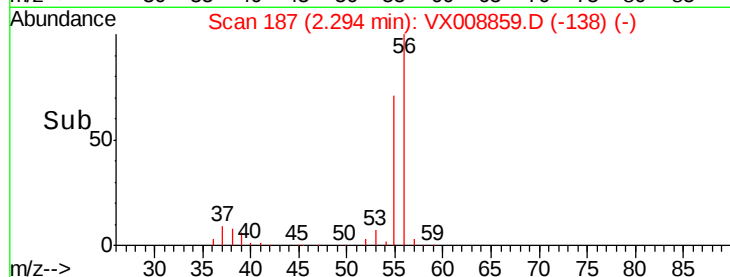
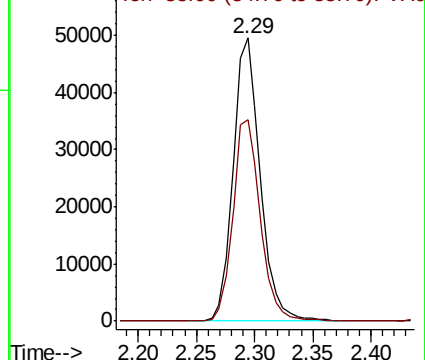
56 100

55 71.9 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.685 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

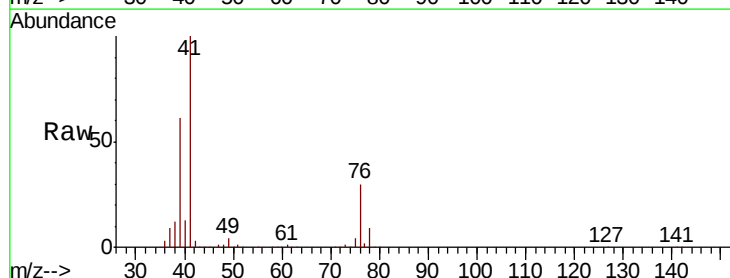
Tgt Ion: 41 Resp: 195605

Ion Ratio Lower Upper

41 100

39 57.8 48.0 72.0

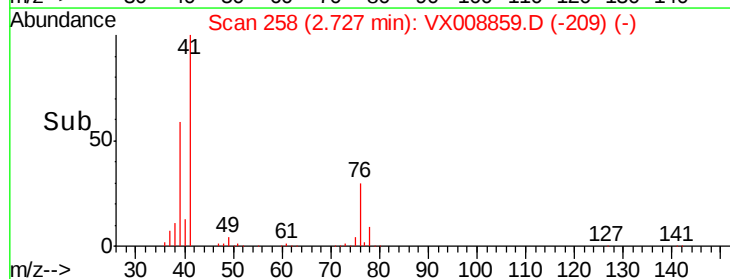
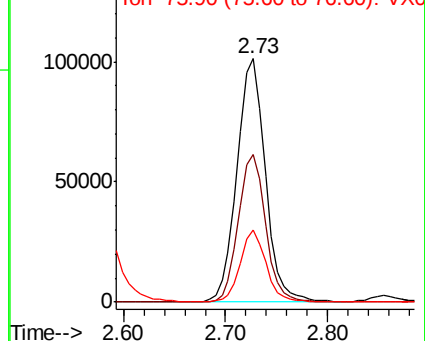
76 26.8 22.0 33.0

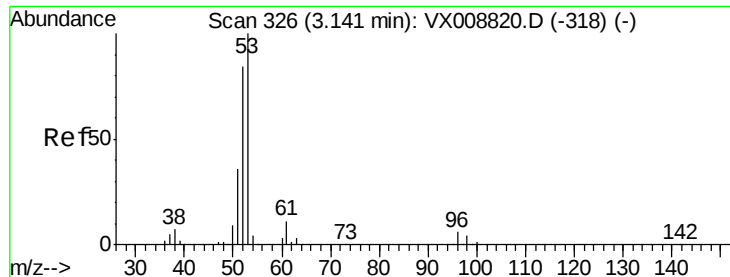


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 236.535 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

KY062MW139-190409MSD

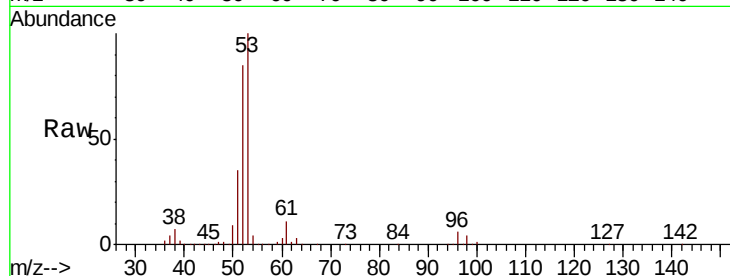
Tgt Ion: 53 Resp: 324829

Ion Ratio Lower Upper

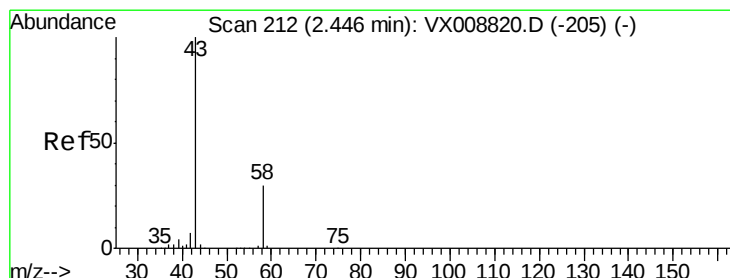
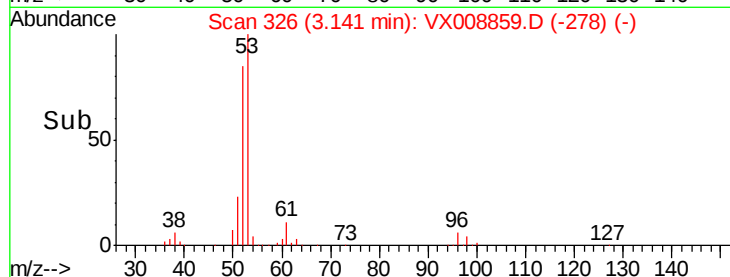
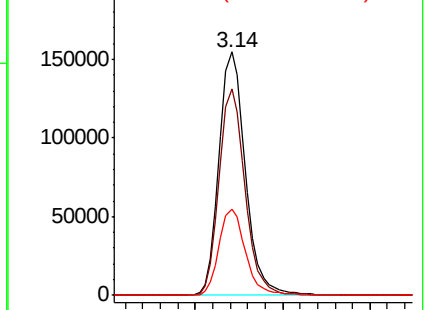
53 100

52 83.6 66.5 99.7

51 35.6 28.6 42.8



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



#16

Acetone

Concen: 212.238 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008859.D

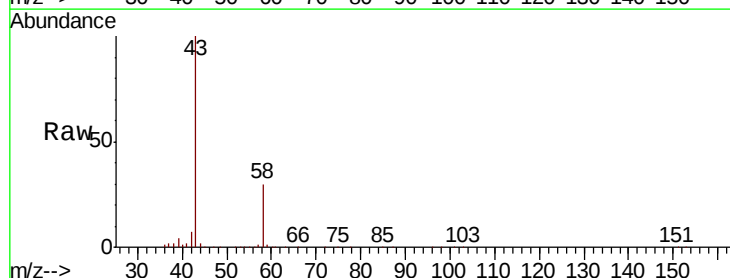
Acq: 11 Apr 2019 18:04

Tgt Ion: 43 Resp: 270675

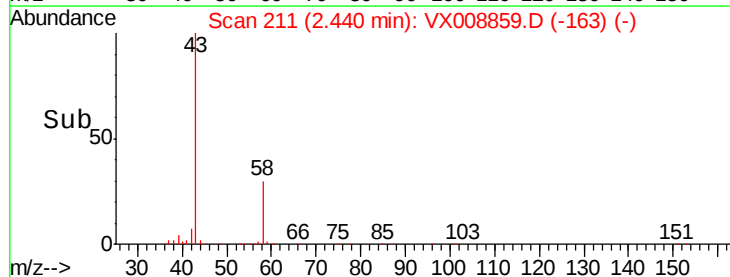
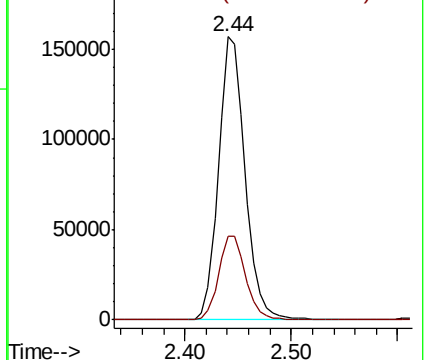
Ion Ratio Lower Upper

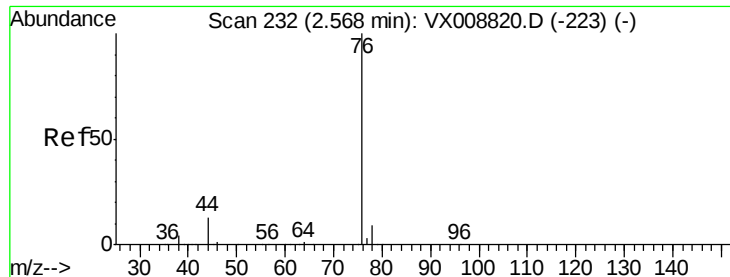
43 100

58 29.6 24.8 37.2



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

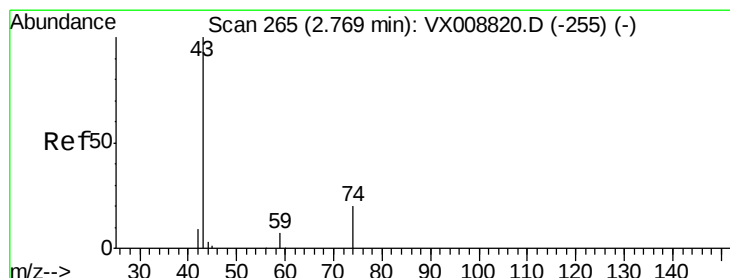
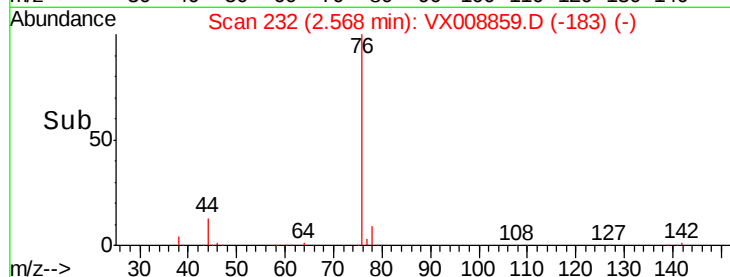
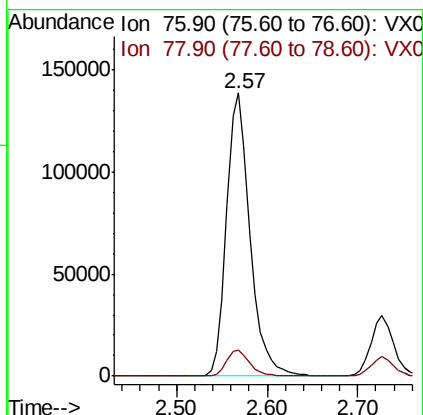
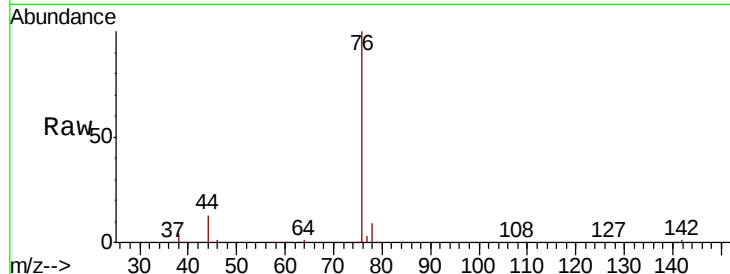




#17
Carbon Disulfide
Concen: 49.134 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008859.D
Acq: 11 Apr 2019 18:04

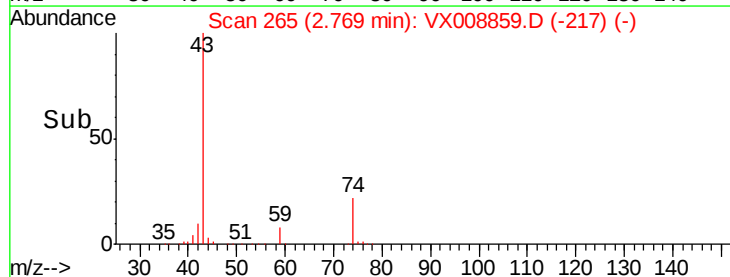
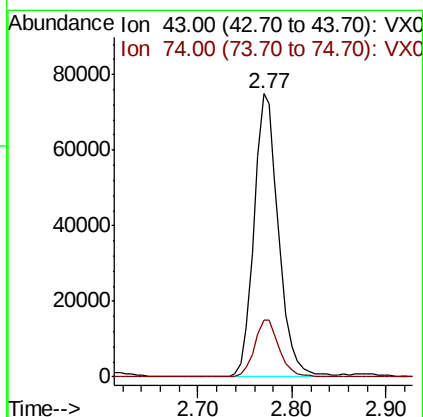
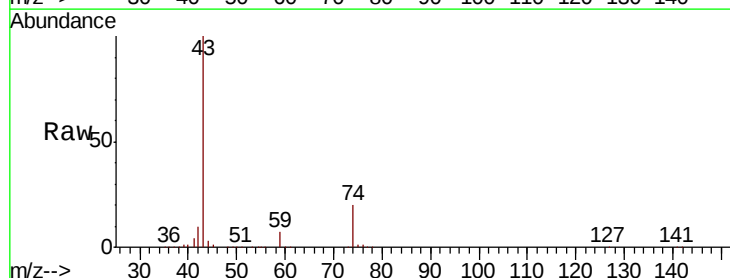
Instrument :
MSVOA_X
ClientSampleId :
KY062MW139-190409MSD

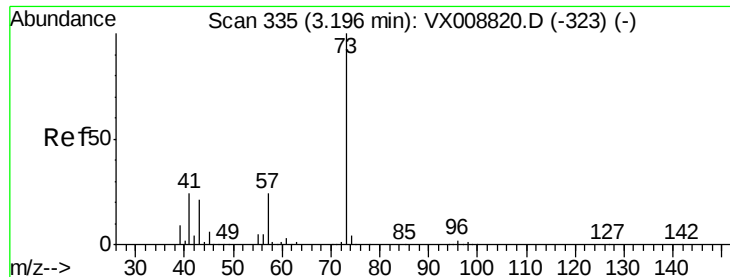
Tgt Ion: 76 Resp: 249084
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 44.291 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX008859.D
Acq: 11 Apr 2019 18:04

Tgt Ion: 43 Resp: 136996
Ion Ratio Lower Upper
43 100
74 20.8 16.5 24.7





#19

Methyl tert-butyl Ether

Concen: 49.270 ug/l

RT: 3.19 min Scan# 334

Delta R.T. -0.01 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

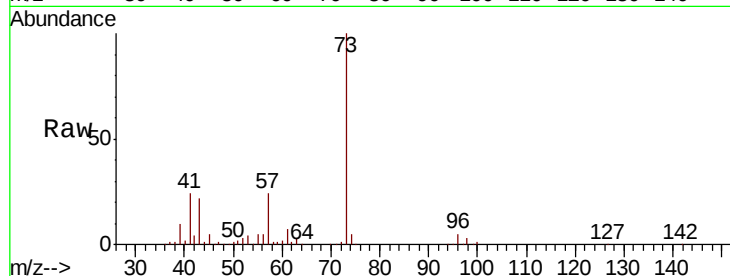
KY062MW139-190409MSD

Tgt Ion: 73 Resp: 308811

Ion Ratio Lower Upper

73 100

57 24.2 19.5 29.3



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

150000

100000

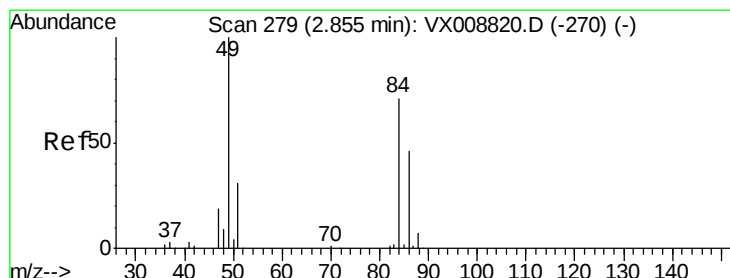
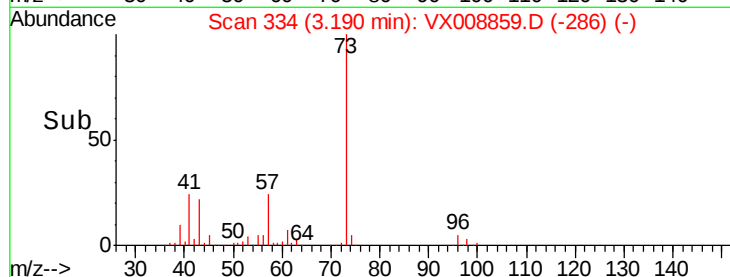
50000

0

3.19

3.10 3.20 3.30 3.40

Time-->



#20

Methylene Chloride

Concen: 45.827 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

Tgt Ion: 84 Resp: 97830

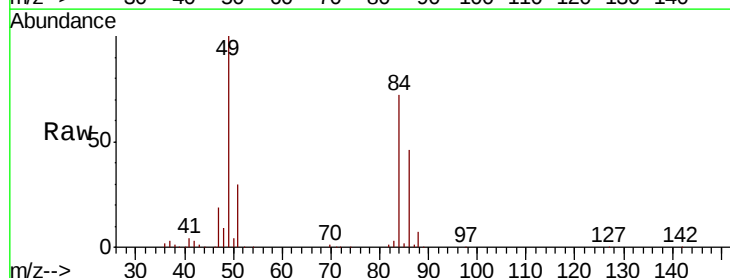
Ion Ratio Lower Upper

84 100

49 138.3 109.7 164.5

51 41.9 33.6 50.4

86 63.4 51.4 77.2



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

100000

80000

60000

40000

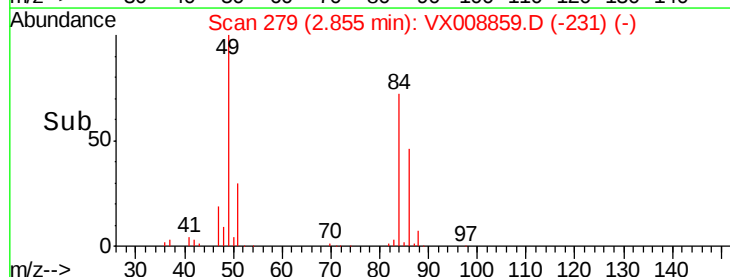
20000

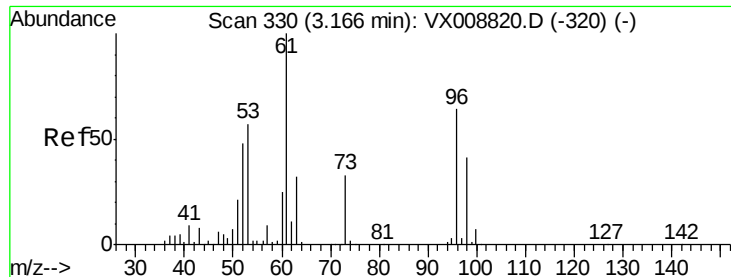
0

2.85

2.80 2.90 3.00

Time-->





#21

trans-1,2-Dichloroethene

Concen: 47.118 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

KY062MW139-190409MSD

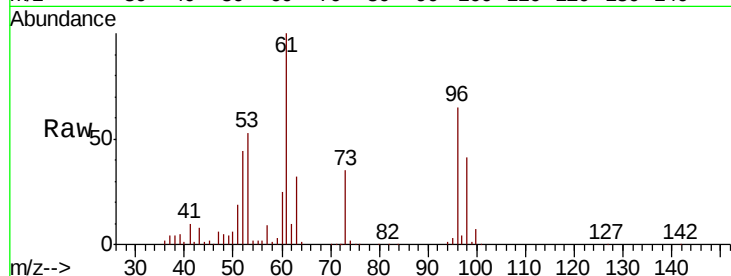
Tgt Ion: 96 Resp: 89448

Ion Ratio Lower Upper

96 100

61 153.4 132.1 198.1

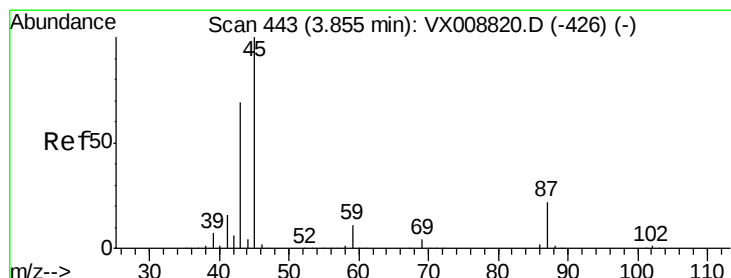
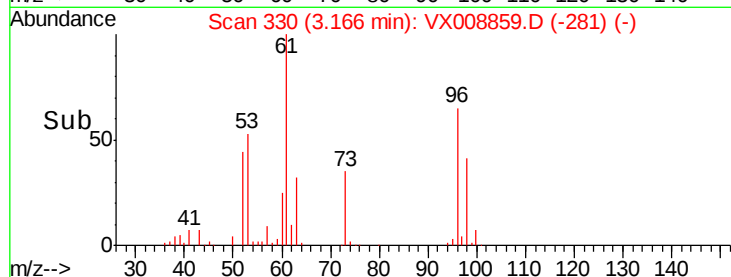
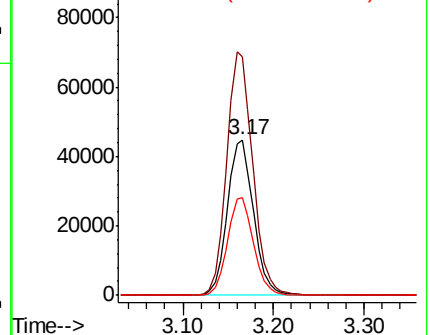
98 63.0 52.2 78.2



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: 47.829 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

Tgt Ion: 45 Resp: 370384

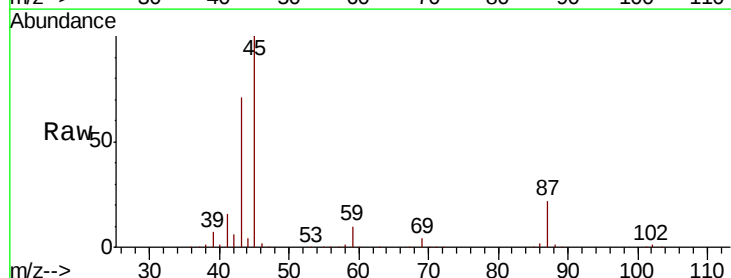
Ion Ratio Lower Upper

45 100

43 71.0 51.3 76.9

87 22.2 18.1 27.1

59 10.4 8.6 13.0

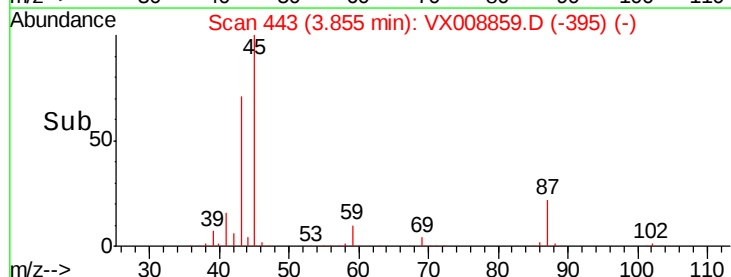
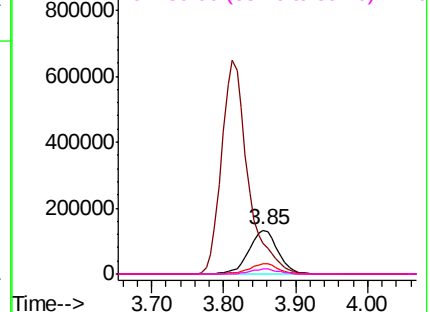


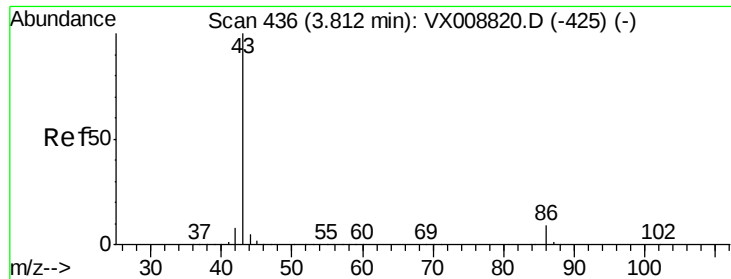
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 246.072 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

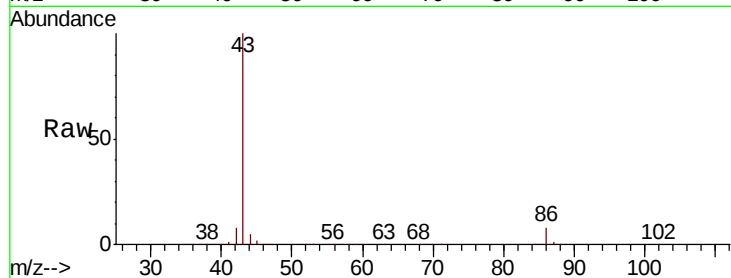
KY062MW139-190409MSD

Tgt Ion: 43 Resp: 1657704

Ion Ratio Lower Upper

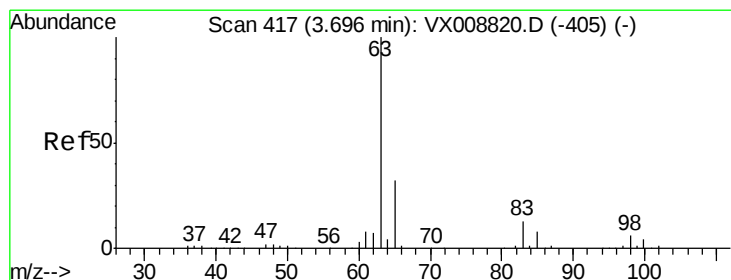
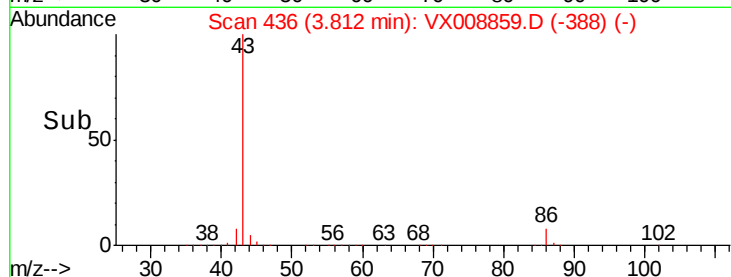
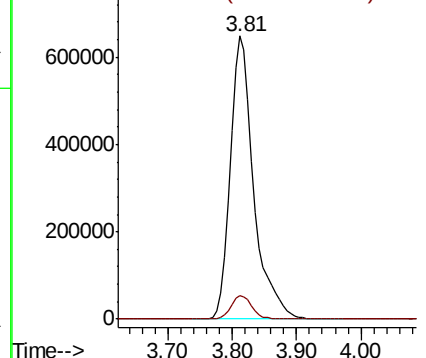
43 100

86 8.4 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.339 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

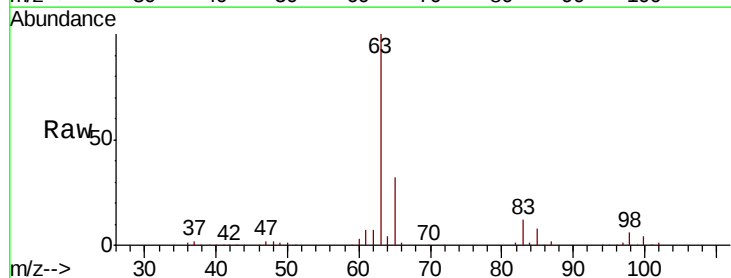
Tgt Ion: 63 Resp: 181500

Ion Ratio Lower Upper

63 100

98 6.2 2.8 8.4

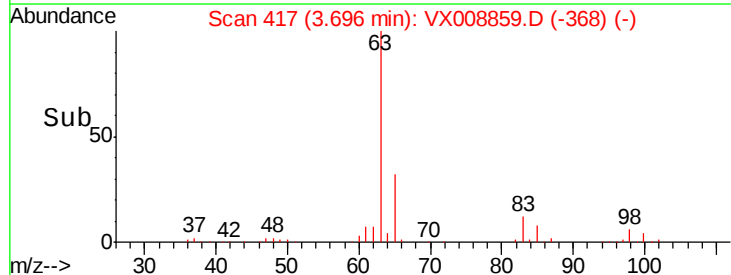
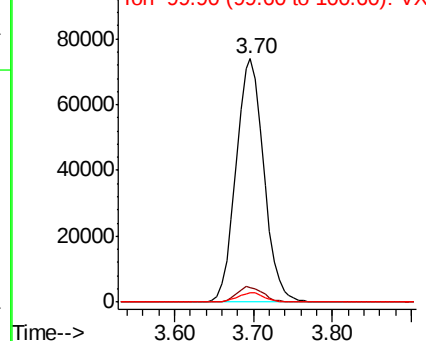
100 3.7 1.8 5.5

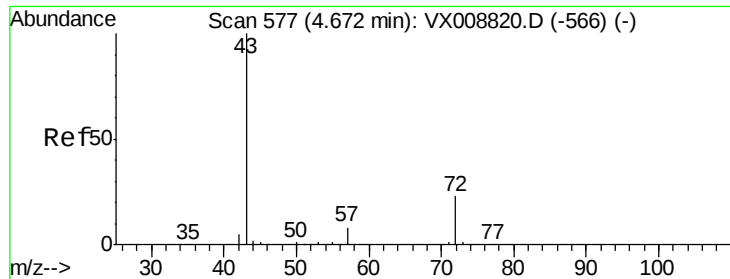


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 235.738 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

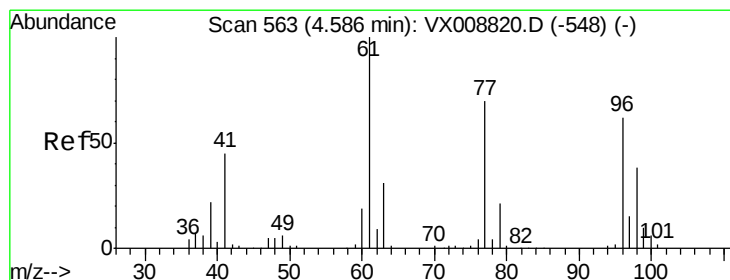
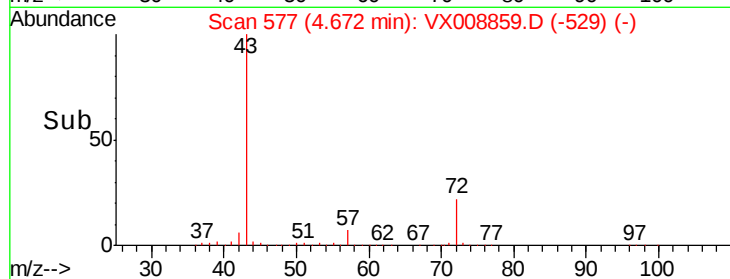
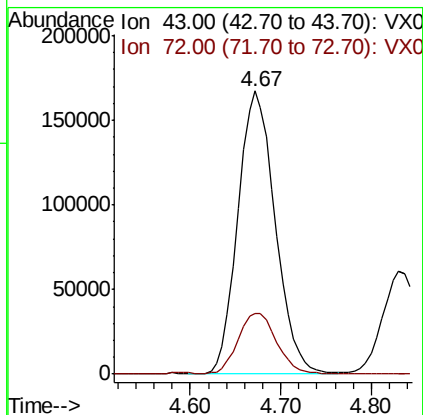
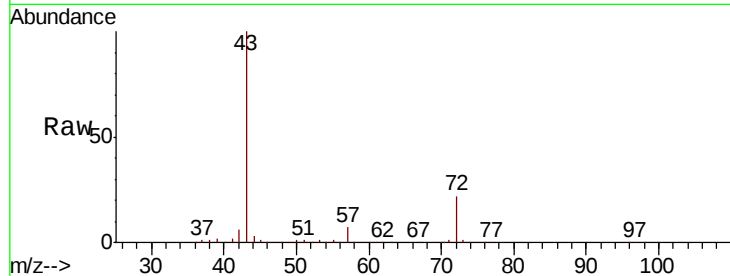
KY062MW139-190409MSD

Tgt Ion: 43 Resp: 475178

Ion Ratio Lower Upper

43 100

72 21.6 18.2 27.4



#26

2,2-Dichloropropane

Concen: 45.820 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008859.D

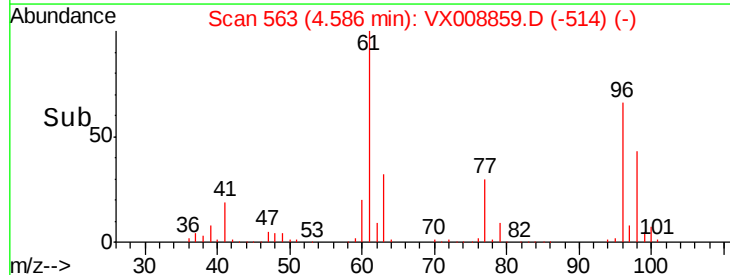
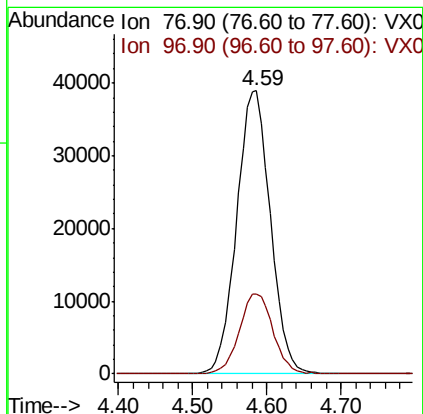
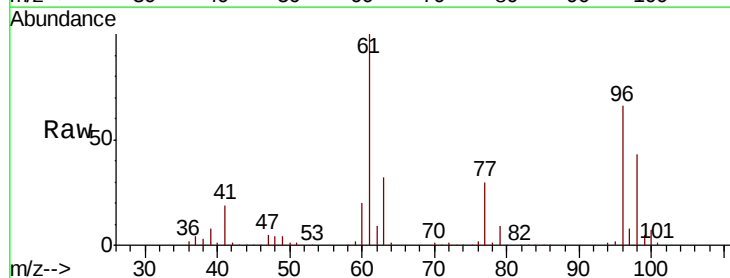
Acq: 11 Apr 2019 18:04

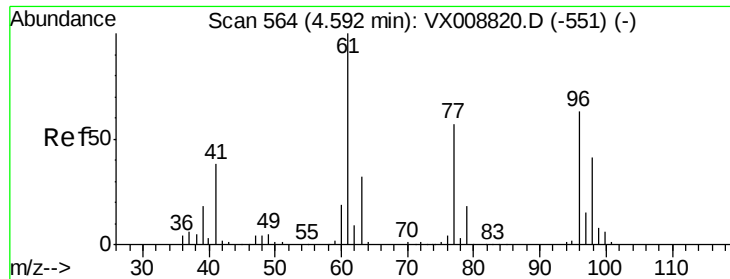
Tgt Ion: 77 Resp: 123732

Ion Ratio Lower Upper

77 100

97 28.3 11.5 34.5



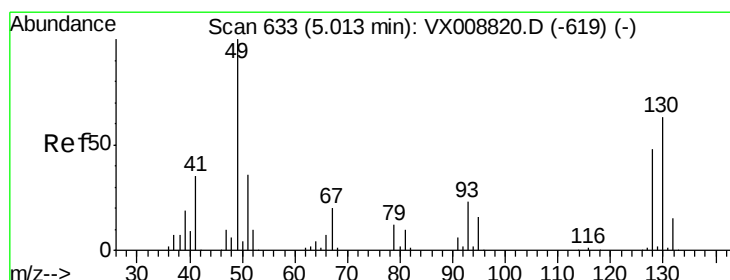
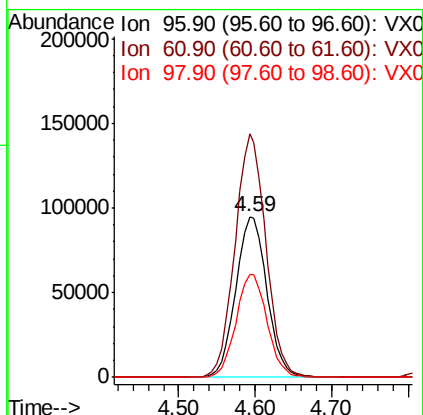
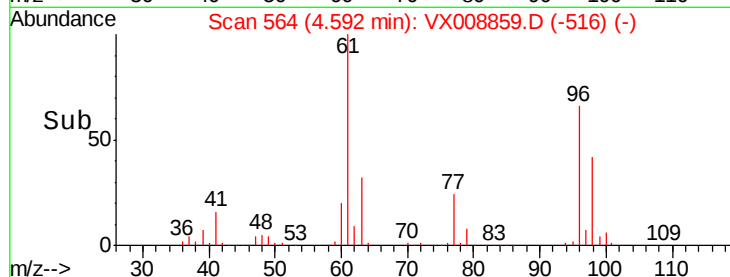
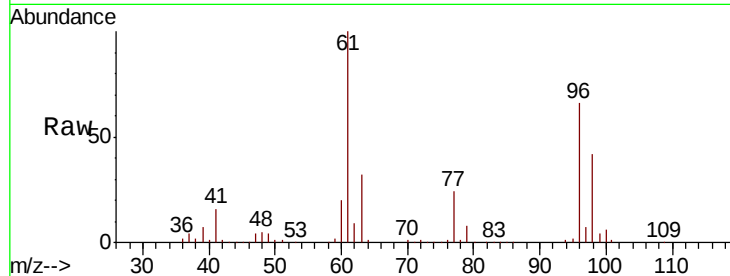


#27

cis-1,2-Dichloroethene
Concen: 122.480 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008859.D
Acq: 11 Apr 2019 18:04

Instrument :
MSVOA_X
ClientSampleId :
KY062MW139-190409MSD

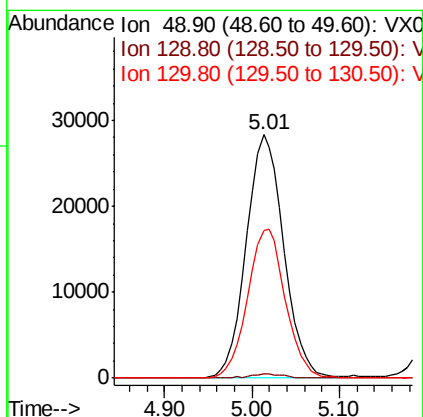
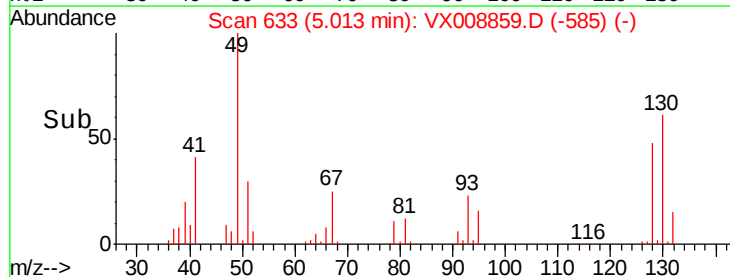
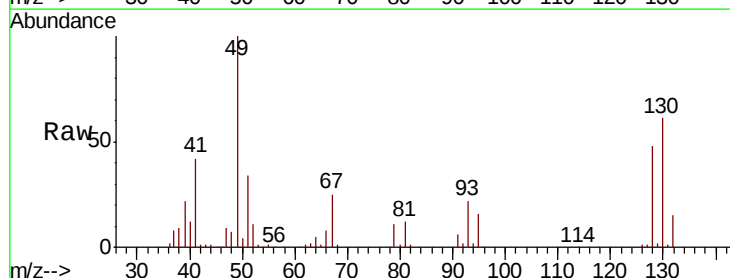
Tgt Ion	Resp	Lower	Upper
96	267326		
61	150.6	0.0	327.6
98	64.2	0.0	128.6

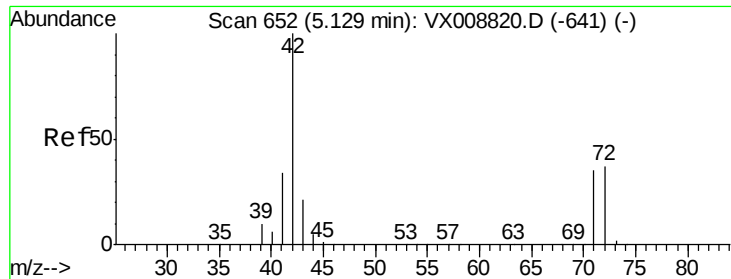


#28

Bromochloromethane
Concen: 52.985 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008859.D
Acq: 11 Apr 2019 18:04

Tgt Ion	Resp	Lower	Upper
49	84571		
129	1.6	0.0	3.6
130	61.7	49.3	73.9

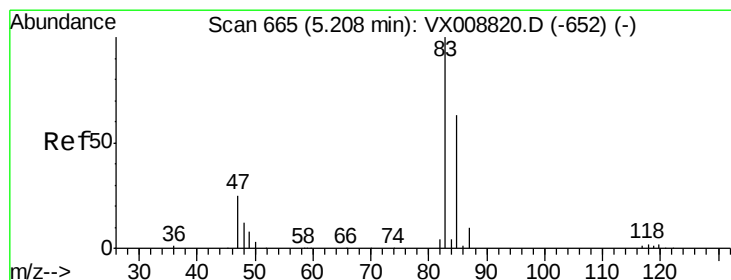
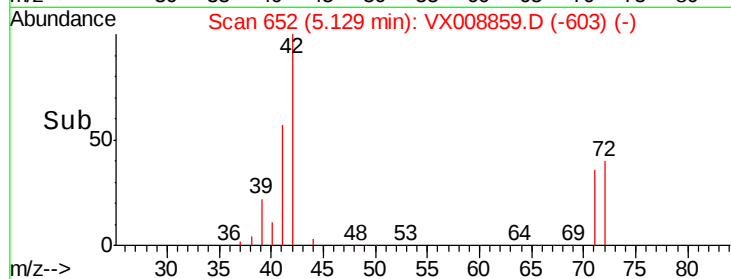
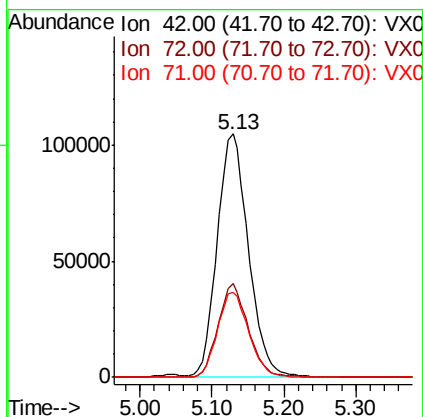
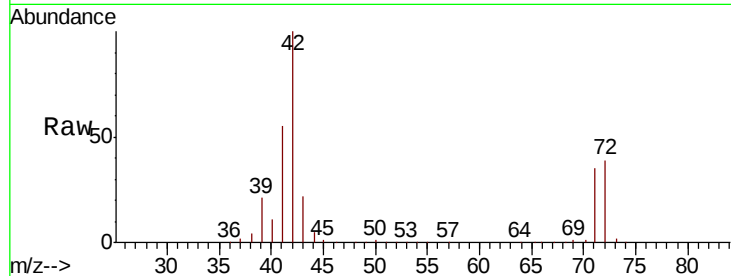




#29
Tetrahydrofuran
Concen: 235.666 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX008859.D
Acq: 11 Apr 2019 18:04

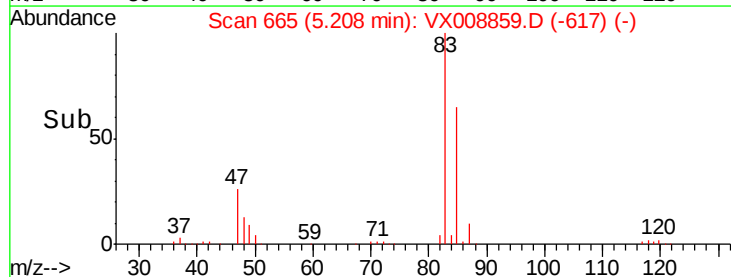
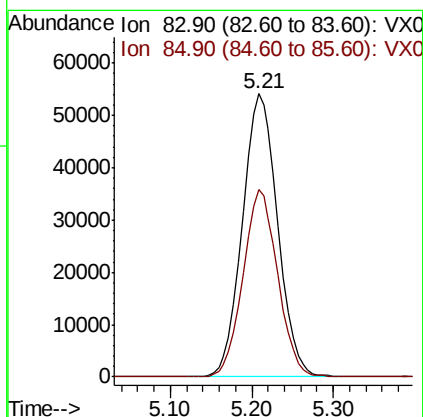
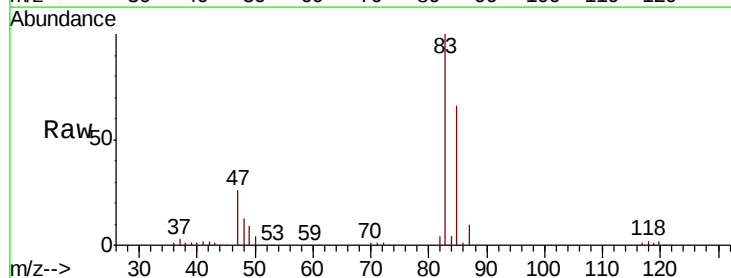
Instrument :
MSVOA_X
ClientSampleId :
KY062MW139-190409MSD

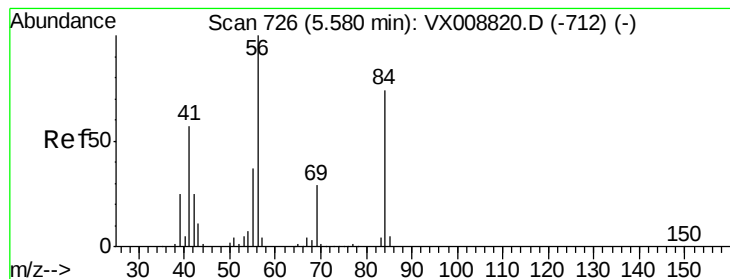
Tgt Ion: 42 Resp: 315291
Ion Ratio Lower Upper
42 100
72 37.6 30.5 45.7
71 35.2 28.6 43.0



#30
Chloroform
Concen: 47.476 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008859.D
Acq: 11 Apr 2019 18:04

Tgt Ion: 83 Resp: 162581
Ion Ratio Lower Upper
83 100
85 66.4 52.1 78.1





#31

Cyclohexane

Concen: 46.428 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

KY062MW139-190409MSD

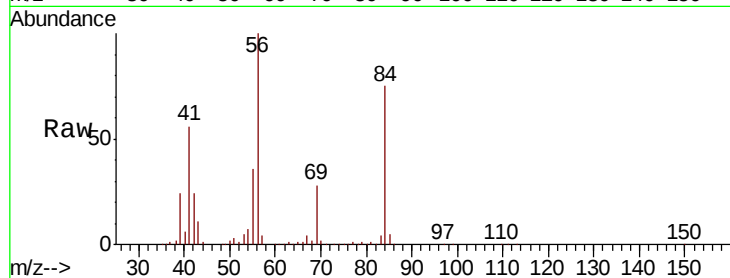
Tgt Ion: 56 Resp: 177619

Ion Ratio Lower Upper

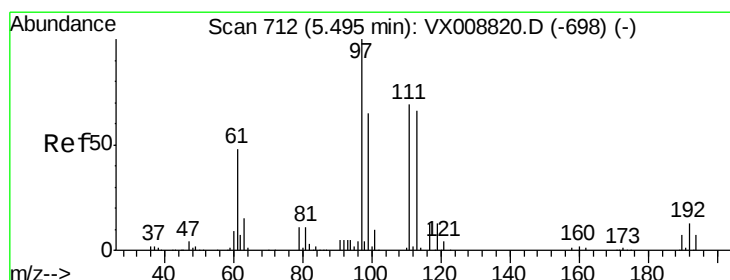
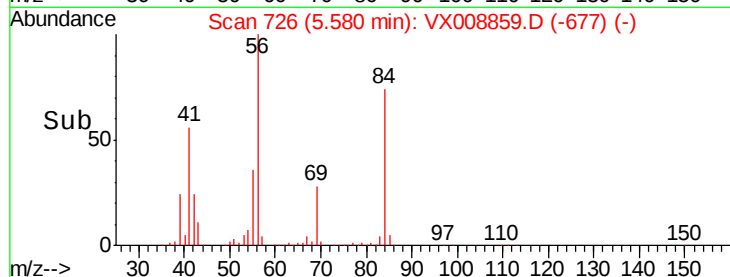
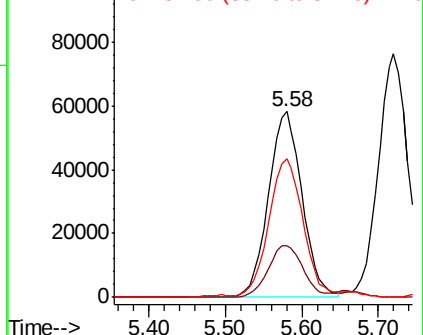
56 100

69 27.9 22.6 33.8

84 74.3 59.3 88.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 48.849 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

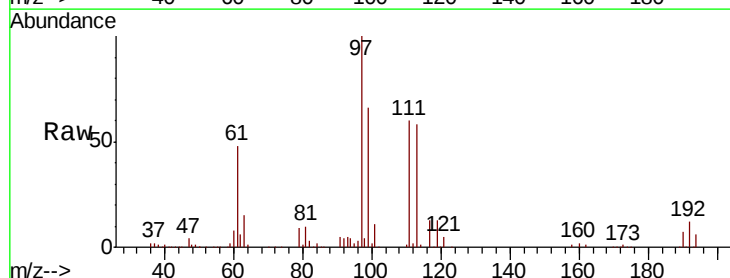
Tgt Ion: 97 Resp: 135180

Ion Ratio Lower Upper

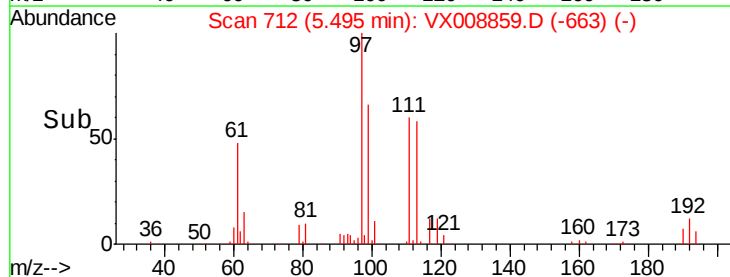
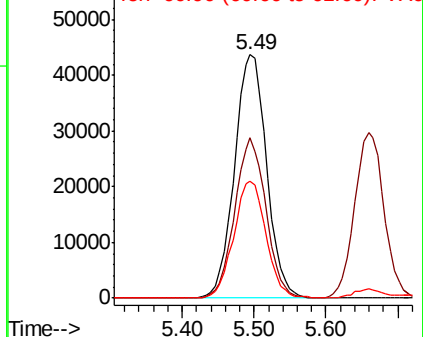
97 100

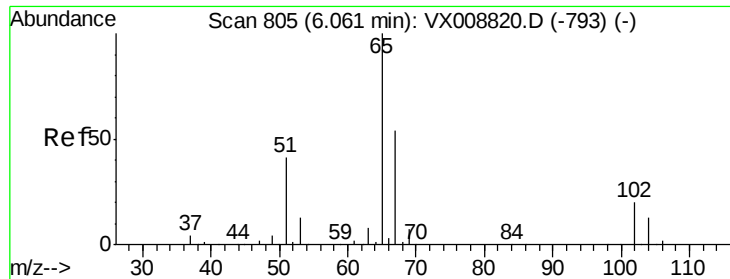
99 63.9 51.3 76.9

61 48.3 38.9 58.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

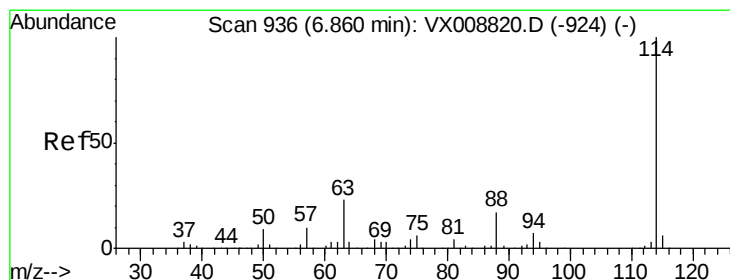
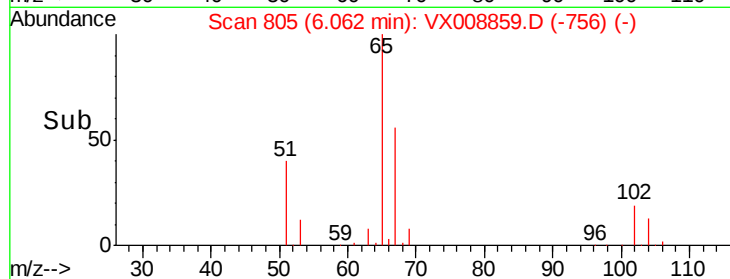
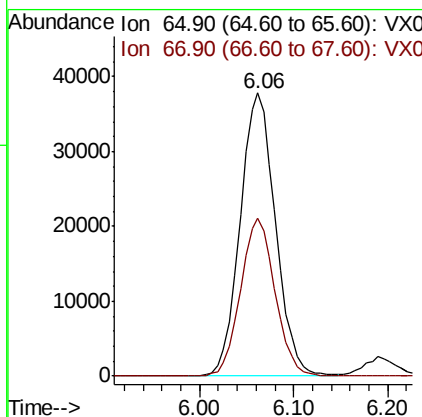
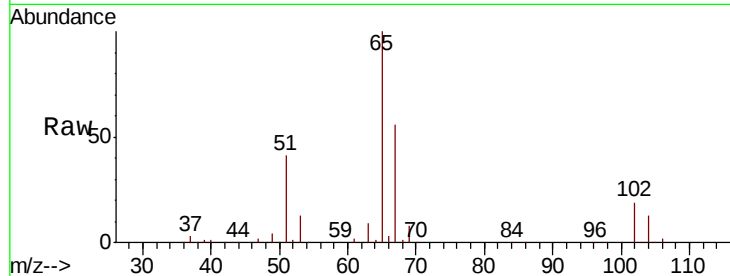




#33
 1,2-Dichloroethane-d4
 Concen: 44.744 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008859.D
 Acq: 11 Apr 2019 18:04

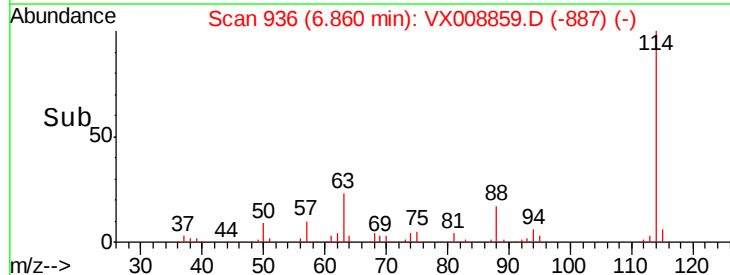
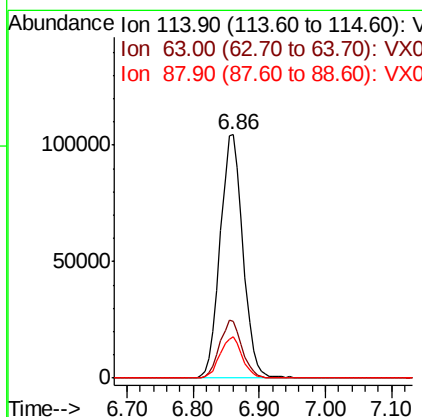
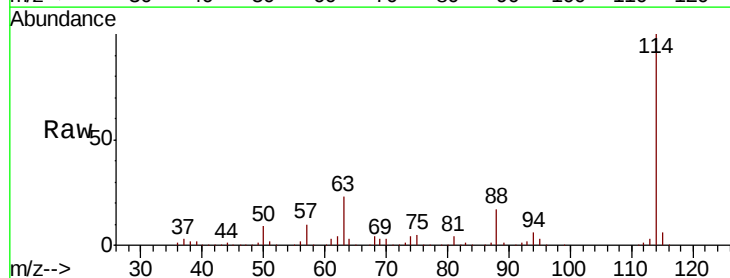
Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW139-190409MSD

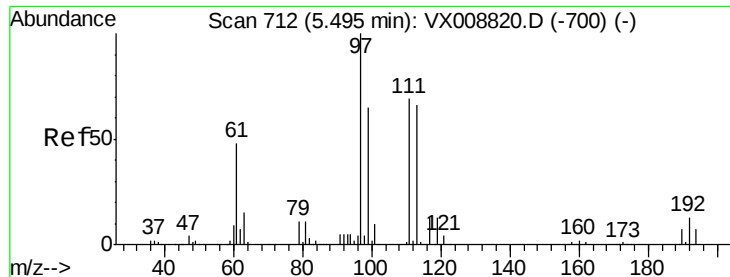
Tgt Ion: 65 Resp: 99074
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008859.D
 Acq: 11 Apr 2019 18:04

Tgt Ion: 114 Resp: 249927
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 47.2
 88 17.2 0.0 34.0





#35

Dibromofluoromethane

Concen: 45.591 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

KY062MW139-190409MSD

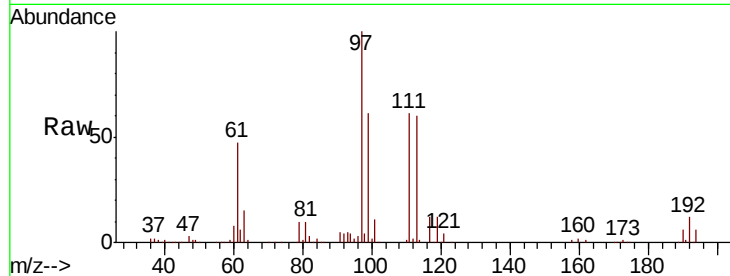
Tgt Ion:113 Resp: 72851

Ion Ratio Lower Upper

113 100

111 103.7 83.4 125.2

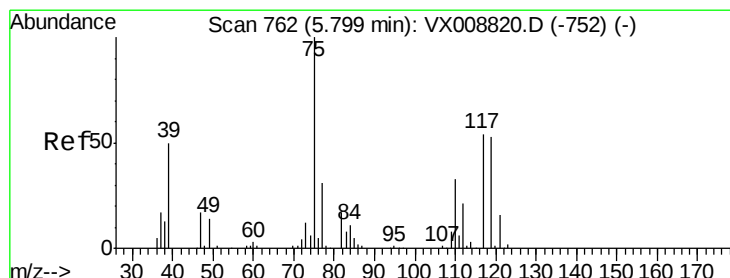
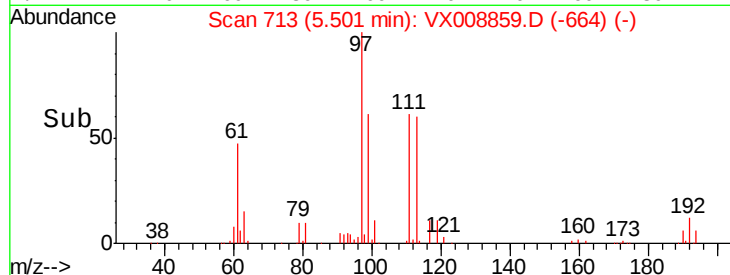
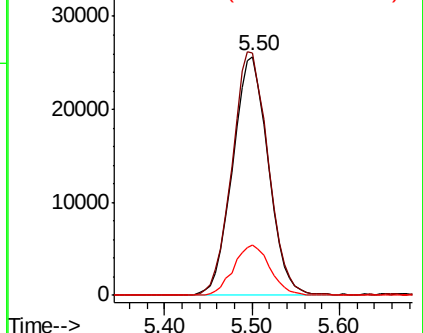
192 21.3 16.1 24.1



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: 46.906 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

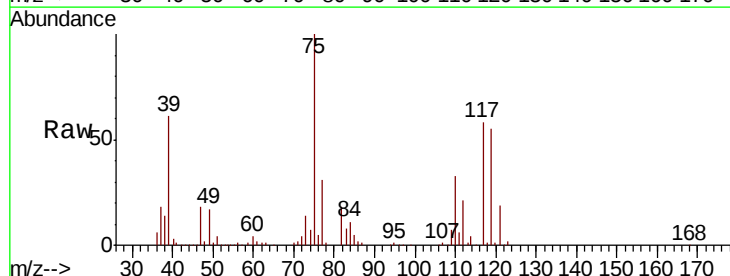
Tgt Ion: 75 Resp: 128146

Ion Ratio Lower Upper

75 100

110 33.4 16.4 49.2

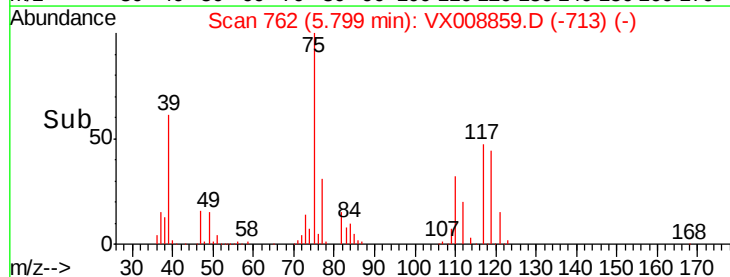
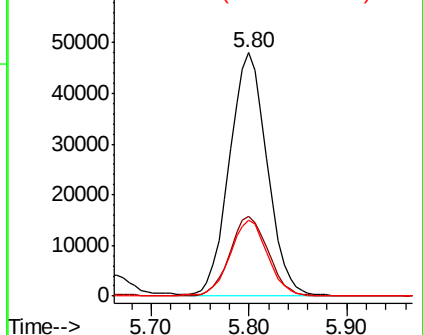
77 31.5 24.7 37.1

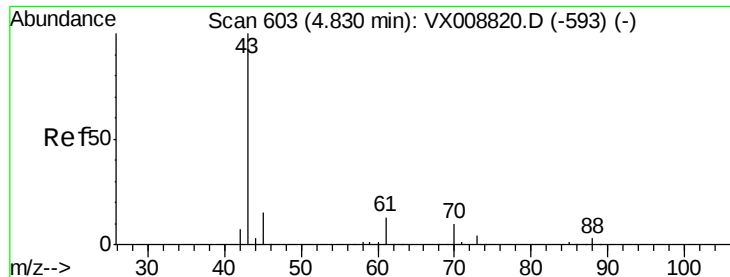


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 48.899 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

KY062MW139-190409MSD

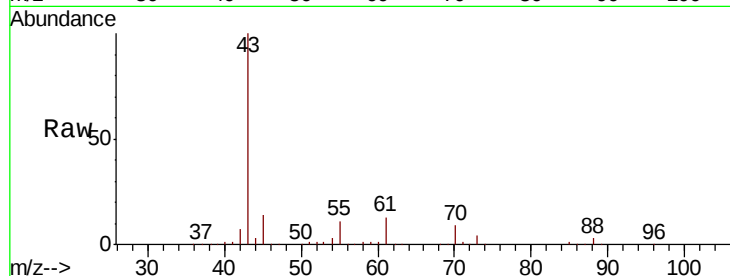
Tgt Ion: 43 Resp: 178314

Ion Ratio Lower Upper

43 100

61 13.5 10.3 15.5

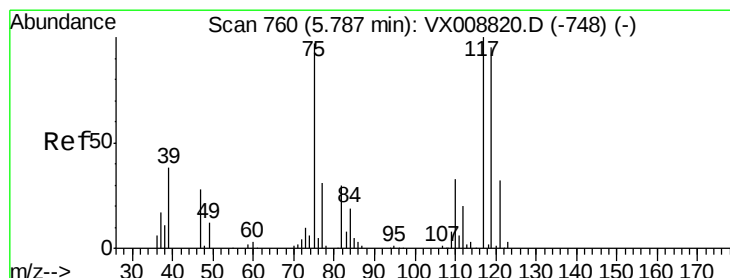
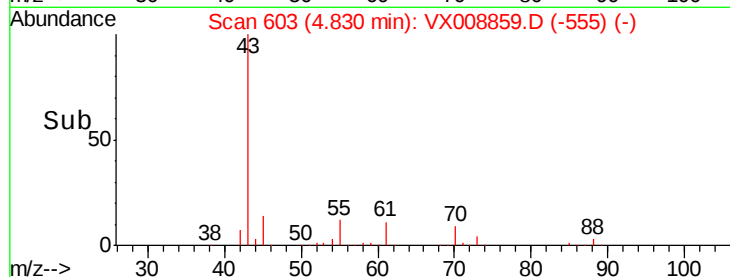
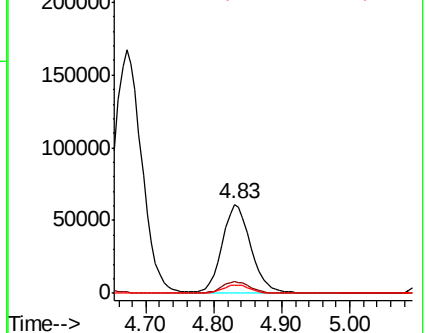
70 9.3 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 49.471 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

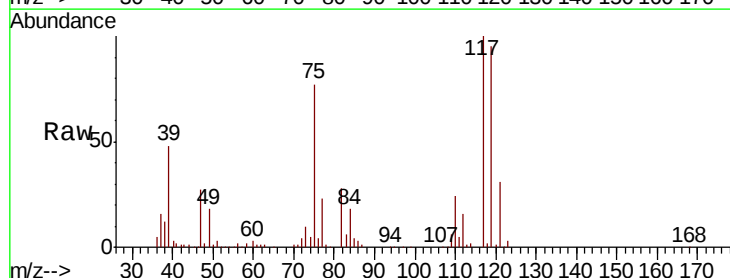
Tgt Ion: 117 Resp: 111860

Ion Ratio Lower Upper

117 100

119 95.1 75.0 112.6

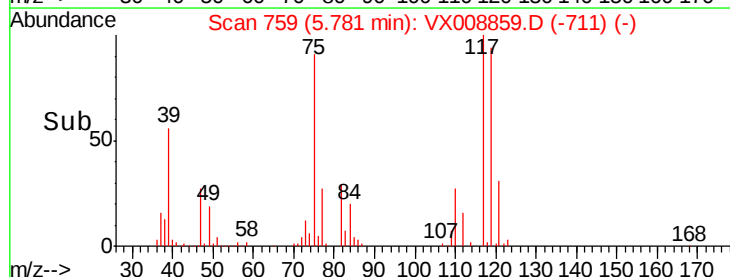
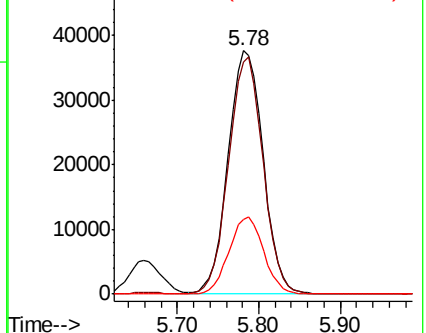
121 30.7 24.3 36.5

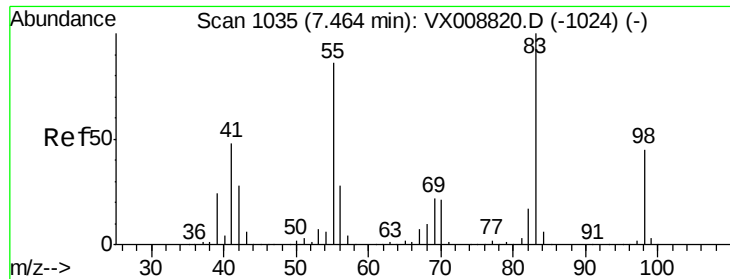


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

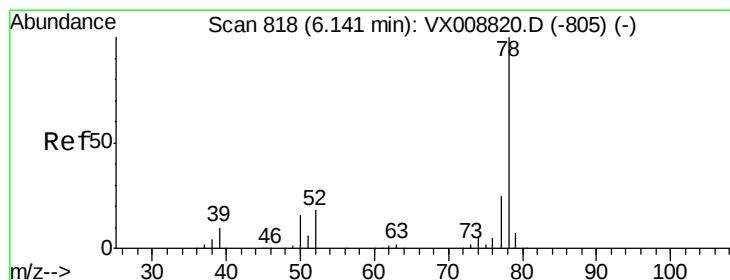
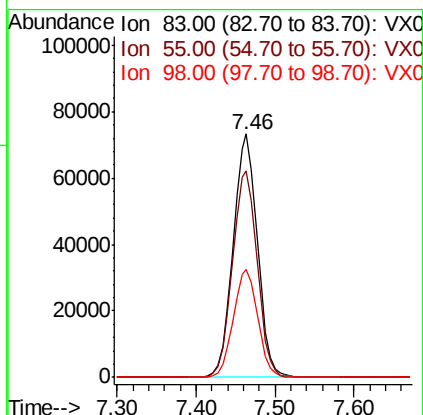
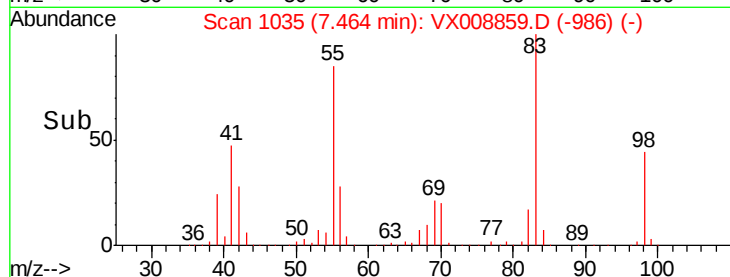
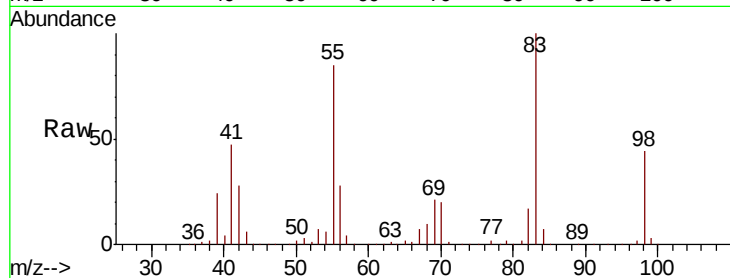




#39
Methylcyclohexane
Concen: 46.449 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008859.D
Acq: 11 Apr 2019 18:04

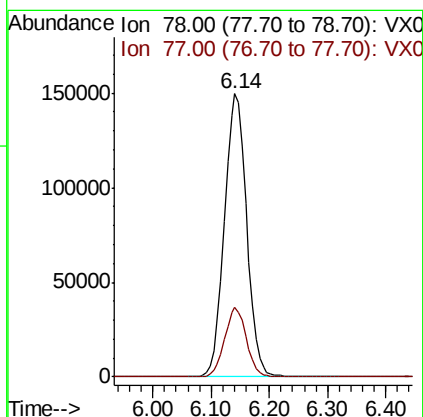
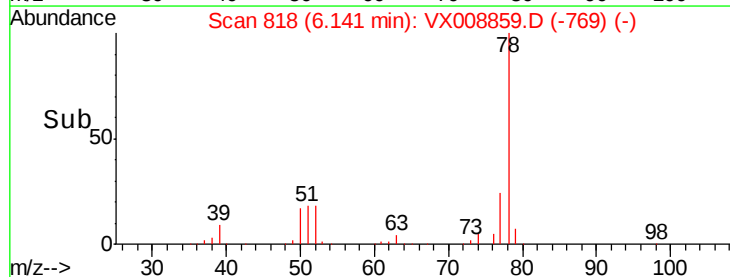
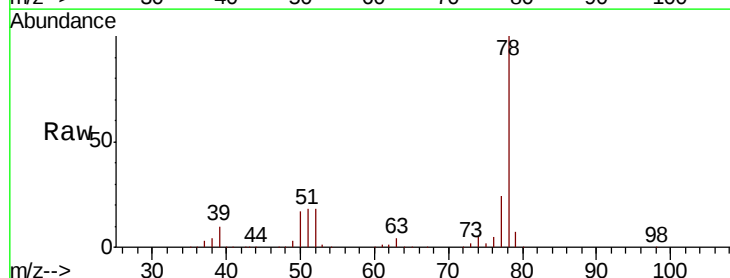
Instrument :
MSVOA_X
ClientSampleId :
KY062MW139-190409MSD

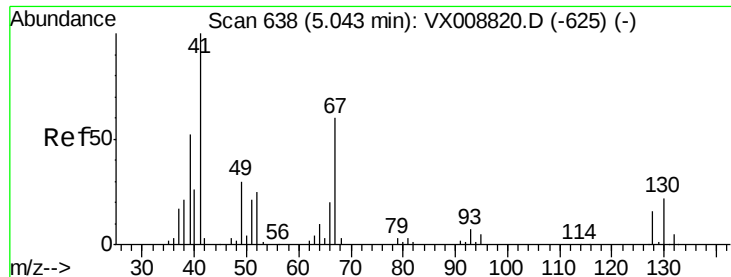
Tgt Ion: 83 Resp: 156757
Ion Ratio Lower Upper
83 100
55 84.8 69.0 103.6
98 44.2 34.4 51.6



#40
Benzene
Concen: 48.860 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008859.D
Acq: 11 Apr 2019 18:04

Tgt Ion: 78 Resp: 397659
Ion Ratio Lower Upper
78 100
77 24.5 19.1 28.7





#41

Methacrylonitrile

Concen: 50.007 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

KY062MW139-190409MSD

Tgt Ion: 41 Resp: 104819

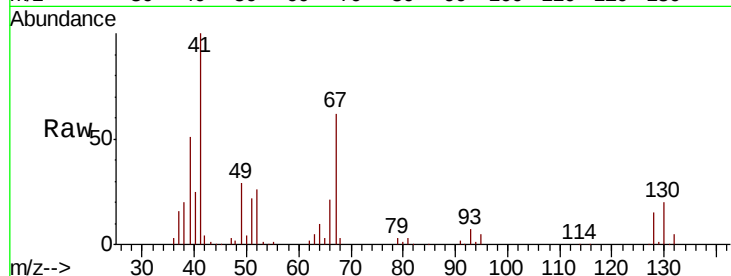
Ion Ratio Lower Upper

41 100

39 51.4 42.1 63.1

67 61.2 51.0 76.6

52 26.6 21.4 32.0

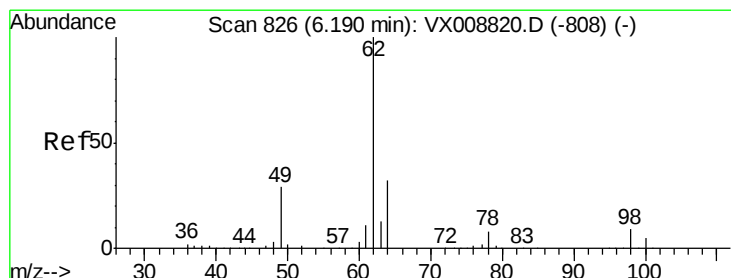
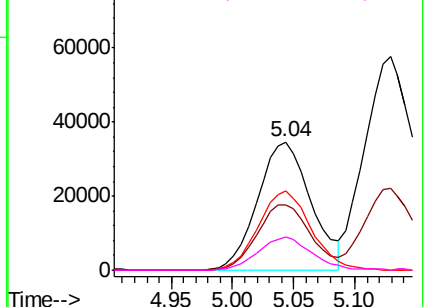
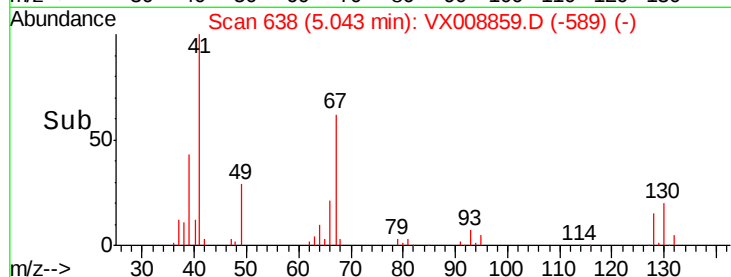


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 48.090 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX008859.D

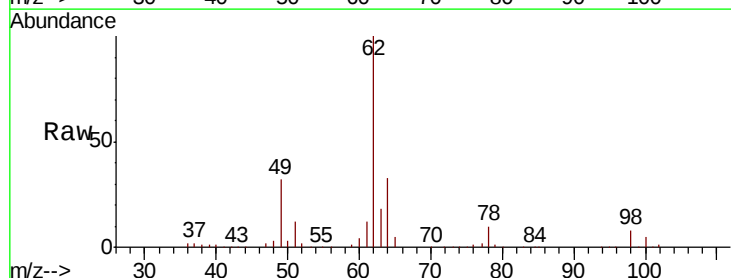
Acq: 11 Apr 2019 18:04

Tgt Ion: 62 Resp: 140316

Ion Ratio Lower Upper

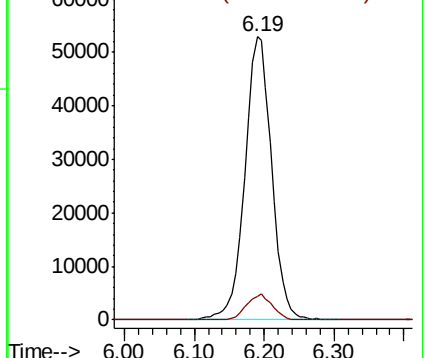
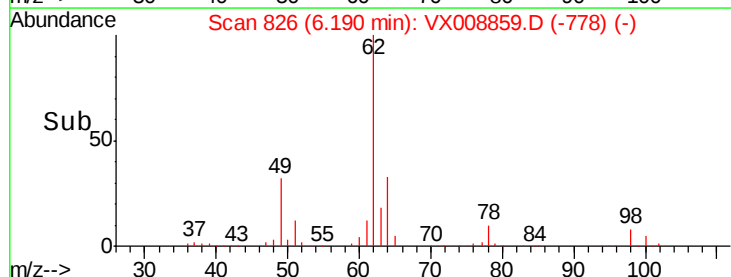
62 100

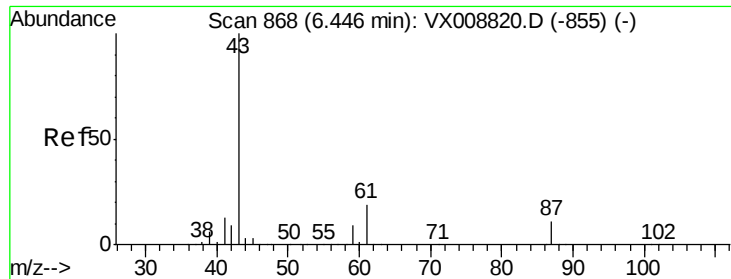
98 8.7 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.320 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

KY062MW139-190409MSD

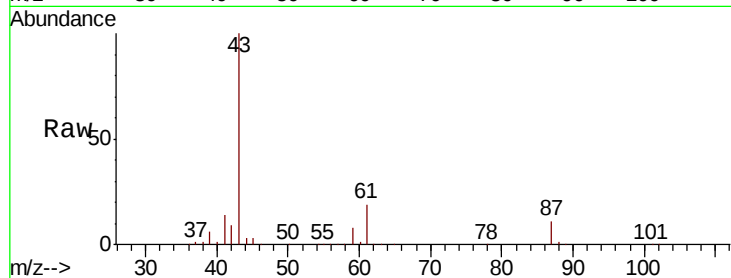
Tgt Ion: 43 Resp: 281737

Ion Ratio Lower Upper

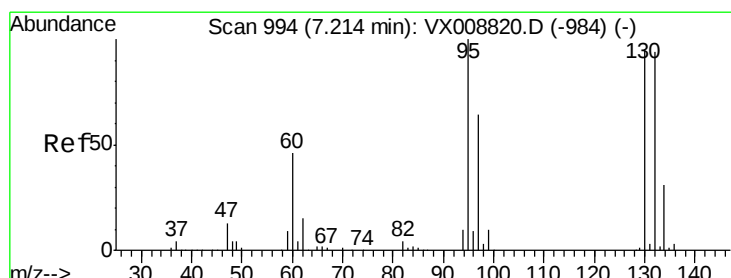
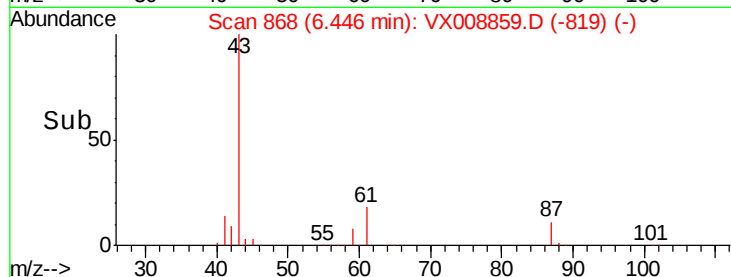
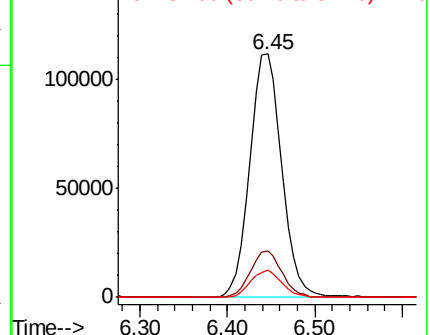
43 100

61 18.9 15.3 22.9

87 11.0 9.0 13.6



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: 63.891 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008859.D

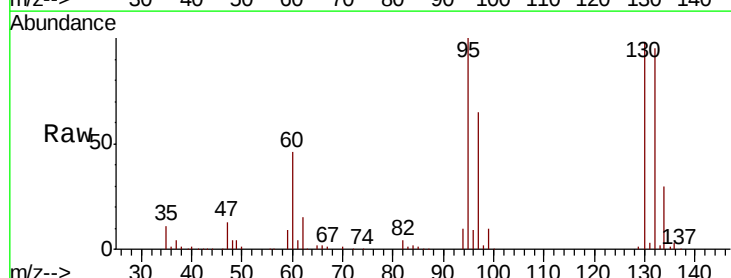
Acq: 11 Apr 2019 18:04

Tgt Ion: 130 Resp: 121110

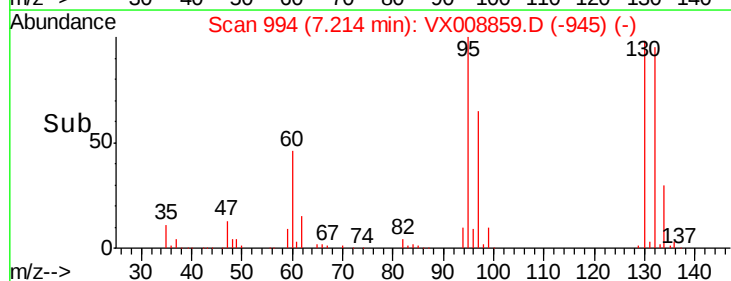
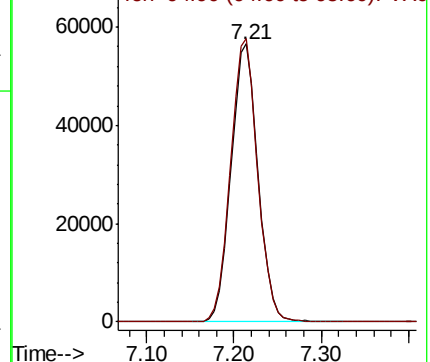
Ion Ratio Lower Upper

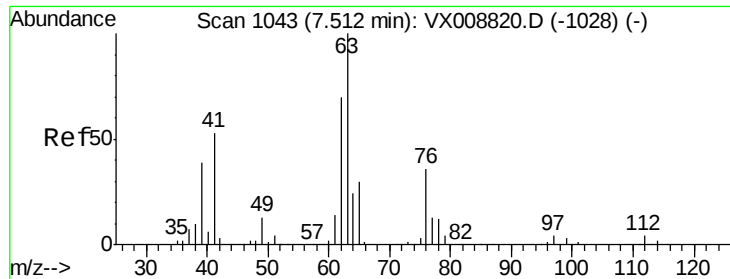
130 100

95 101.8 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

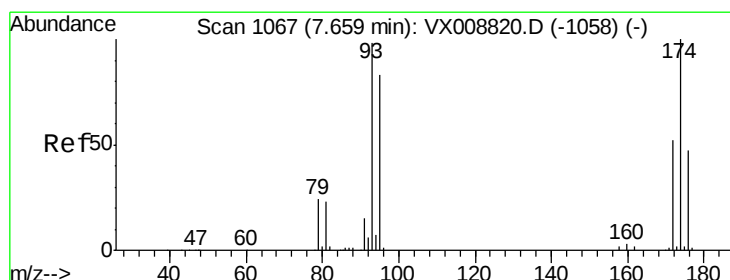
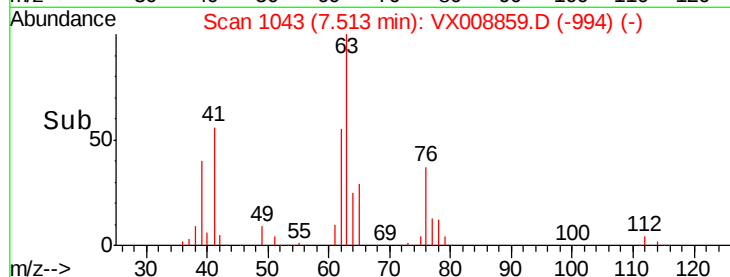
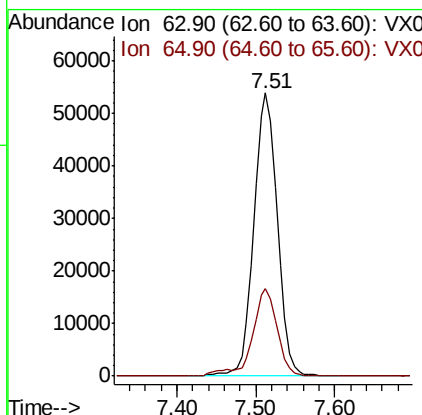
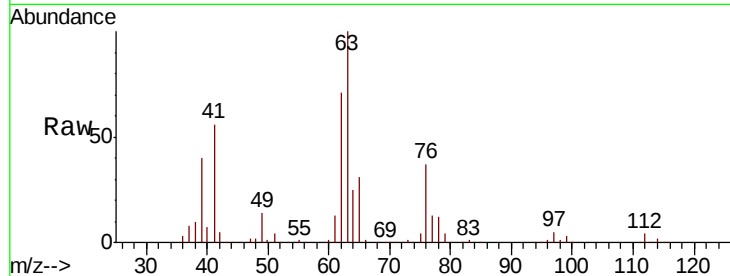




#45
 1,2-Dichloropropane
 Concen: 48.032 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX008859.D
 Acq: 11 Apr 2019 18:04

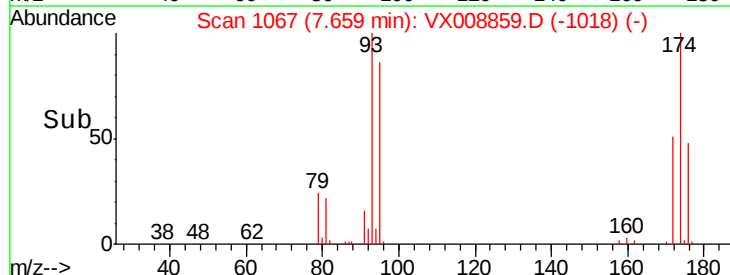
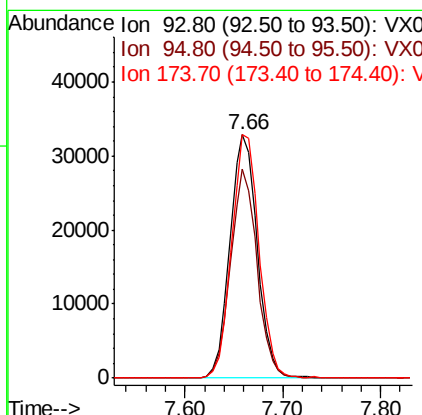
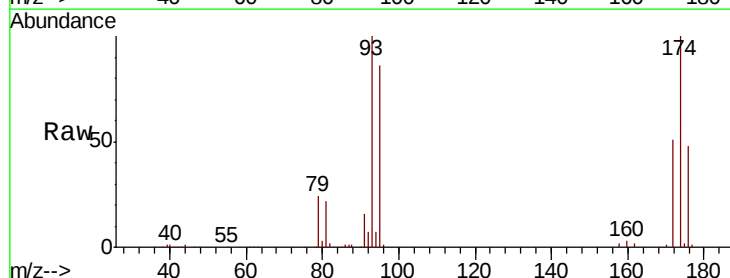
Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW139-190409MSD

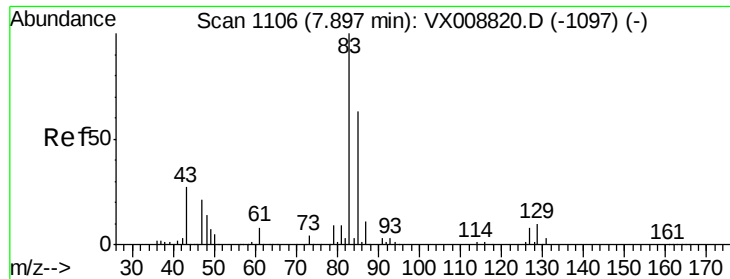
Tgt Ion: 63 Resp: 111578
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.2 36.4



#46
 Dibromomethane
 Concen: 47.221 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008859.D
 Acq: 11 Apr 2019 18:04

Tgt Ion: 93 Resp: 63621
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.6 99.8
 174 100.4 77.7 116.5

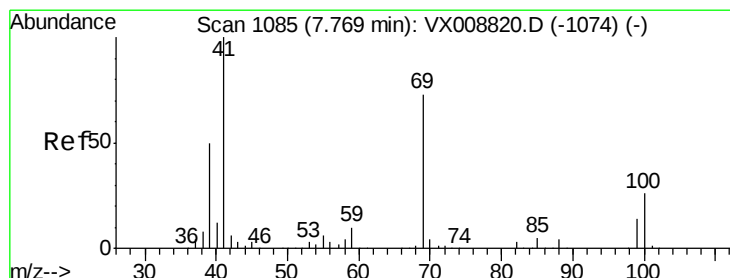
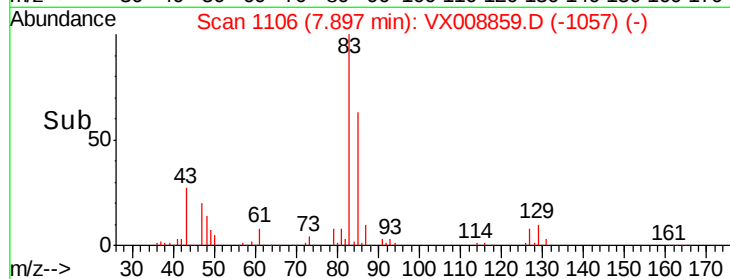
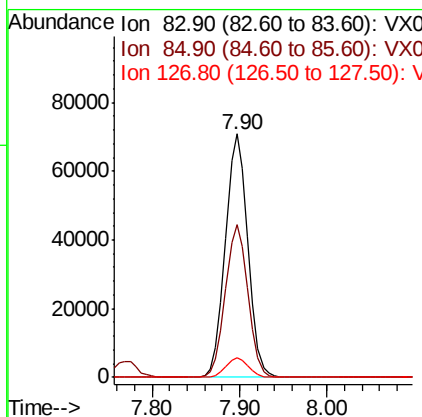
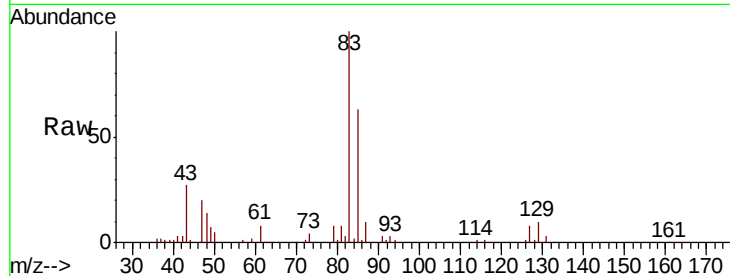




#47
 Bromodichloromethane
 Concen: 49.741 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX008859.D
 Acq: 11 Apr 2019 18:04

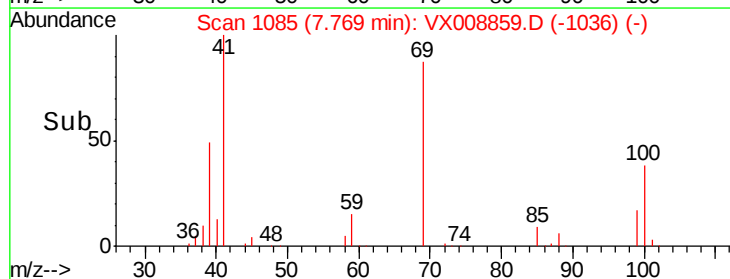
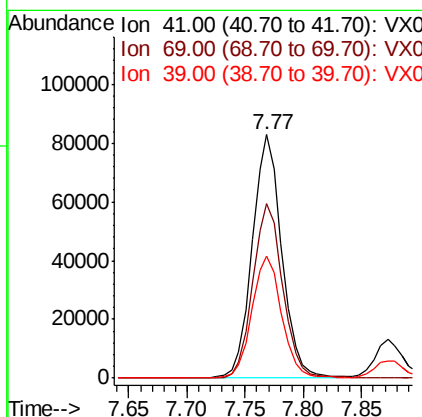
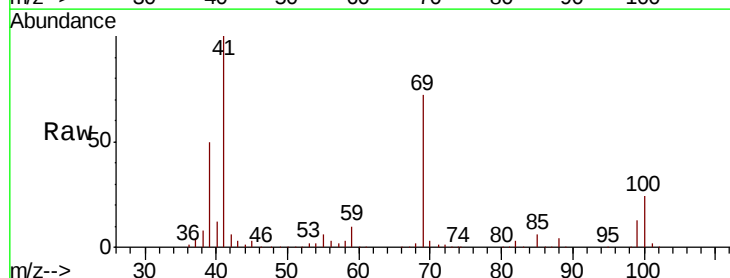
Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW139-190409MSD

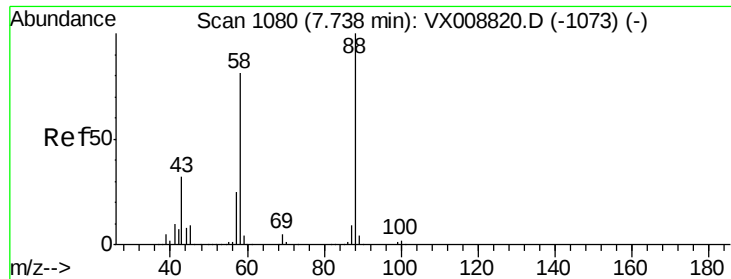
Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.2	76.8
127	8.3	6.6	10.0



#48
 Methyl methacrylate
 Concen: 50.361 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: VX008859.D
 Acq: 11 Apr 2019 18:04

Tgt Ion	Ratio	Lower	Upper
41	100		
69	72.8	59.0	88.4
39	51.1	41.0	61.4

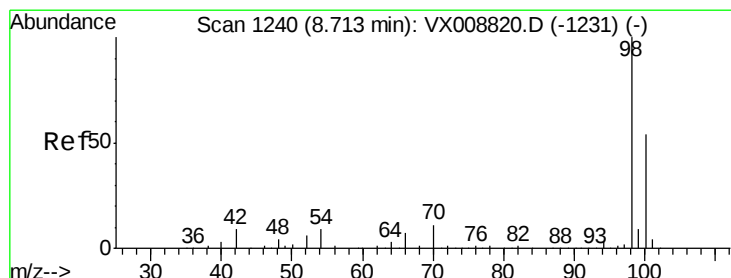
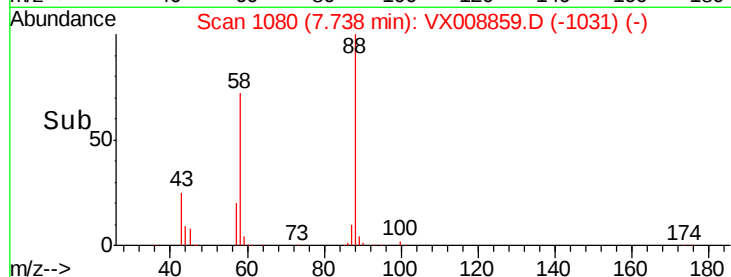
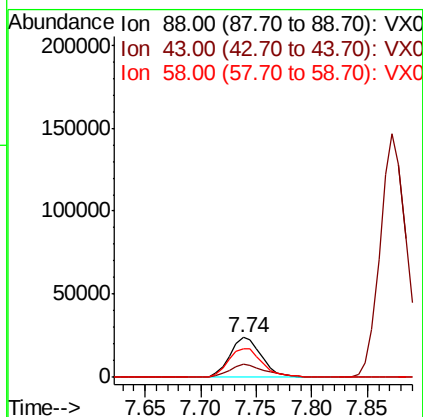
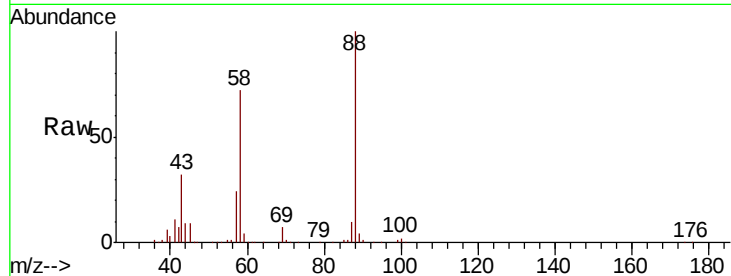




#49
 1,4-Dioxane
 Concen: 878.893 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX008859.D
 Acq: 11 Apr 2019 18:04

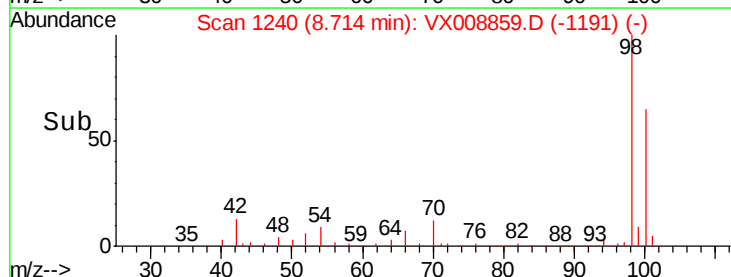
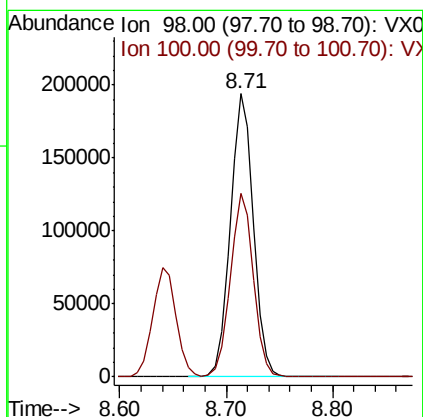
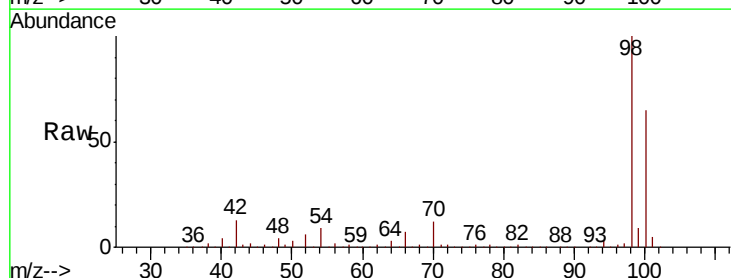
Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW139-190409MSD

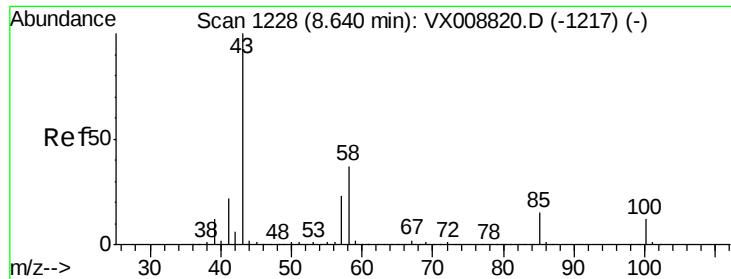
Tgt Ion: 88 Resp: 47575
 Ion Ratio Lower Upper
 88 100
 43 37.1 28.6 43.0
 58 79.5 62.2 93.2



#50
 Toluene-d8
 Concen: 46.283 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX008859.D
 Acq: 11 Apr 2019 18:04

Tgt Ion: 98 Resp: 294476
 Ion Ratio Lower Upper
 98 100
 100 64.9 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 258.408 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

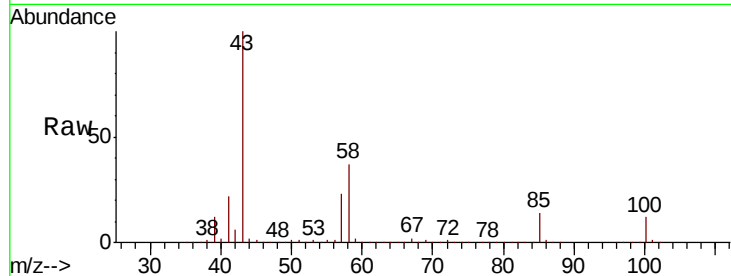
KY062MW139-190409MSD

Tgt Ion: 43 Resp: 950238

Ion Ratio Lower Upper

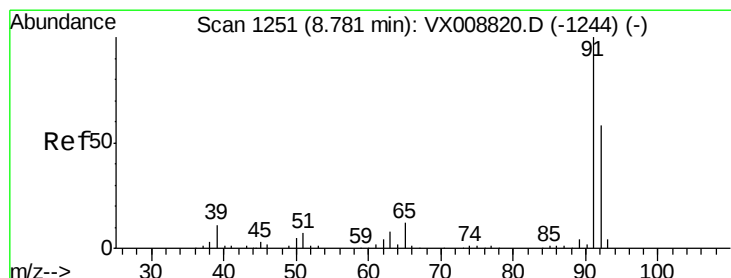
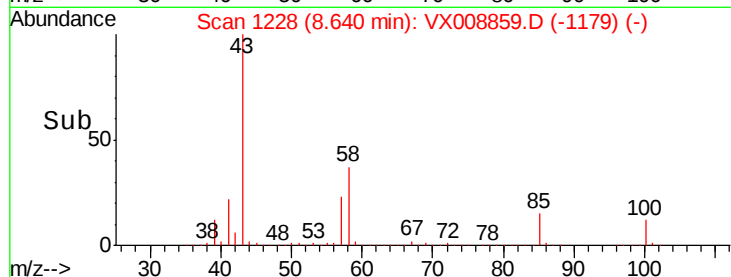
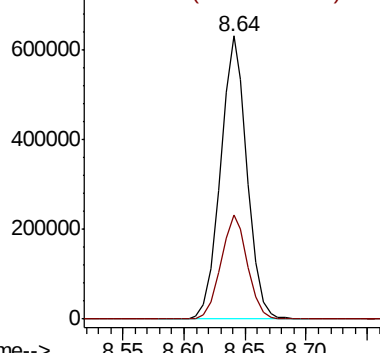
43 100

58 36.8 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.491 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008859.D

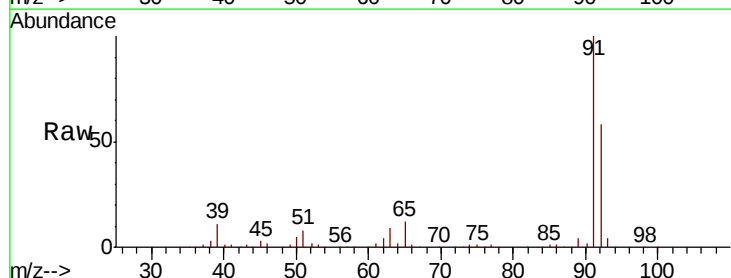
Acq: 11 Apr 2019 18:04

Tgt Ion: 92 Resp: 237471

Ion Ratio Lower Upper

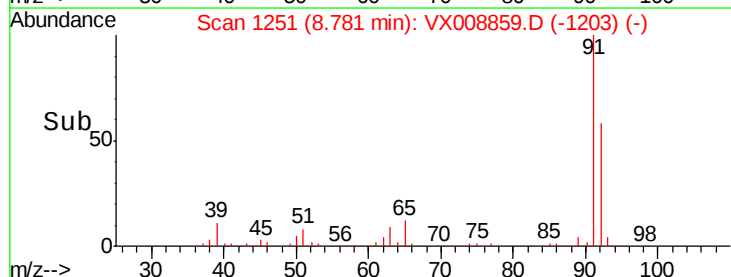
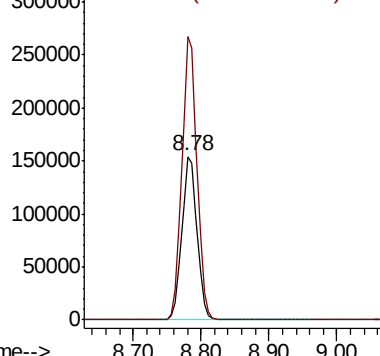
92 100

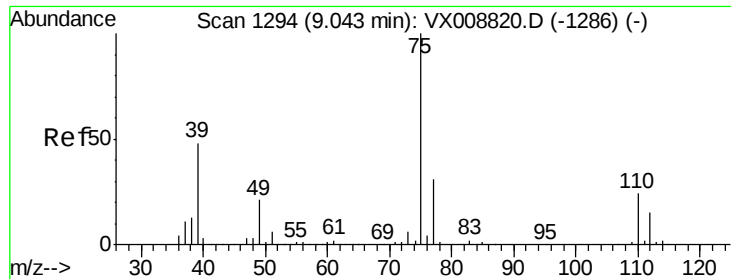
91 173.1 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

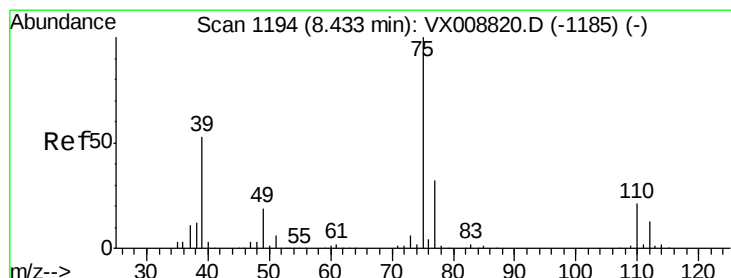
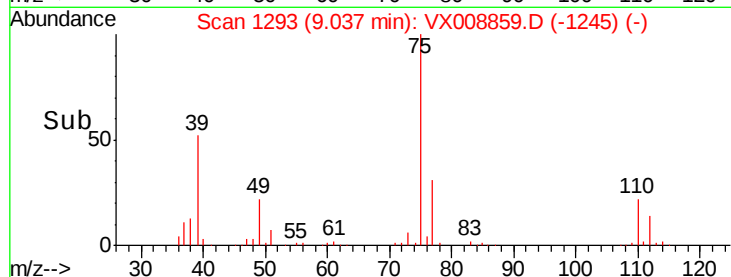
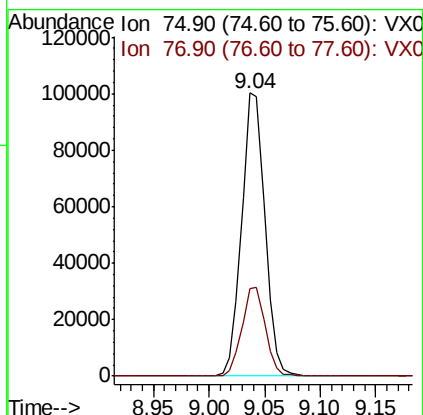
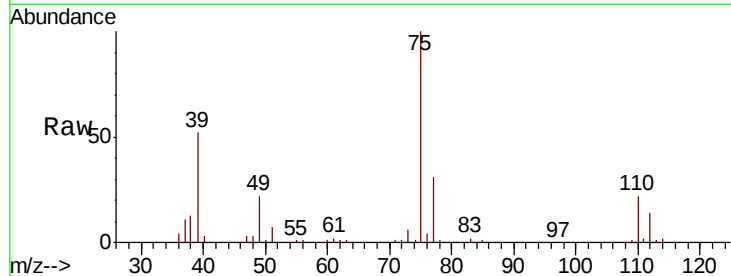




#53
 t-1,3-Dichloropropene
 Concen: 51.297 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: VX008859.D
 Acq: 11 Apr 2019 18:04

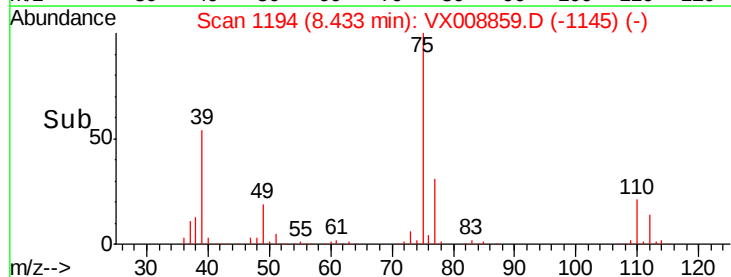
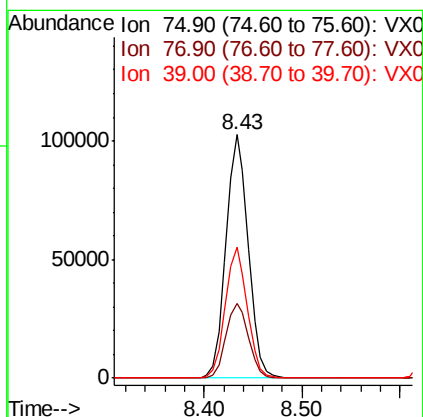
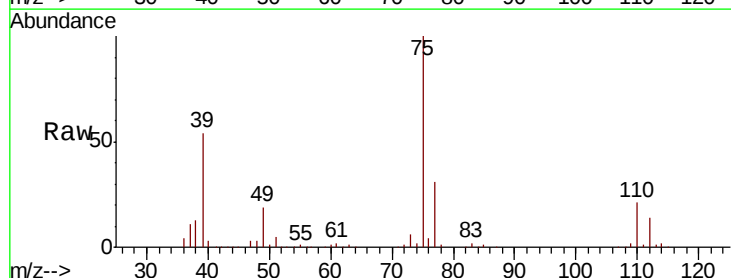
Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW139-190409MSD

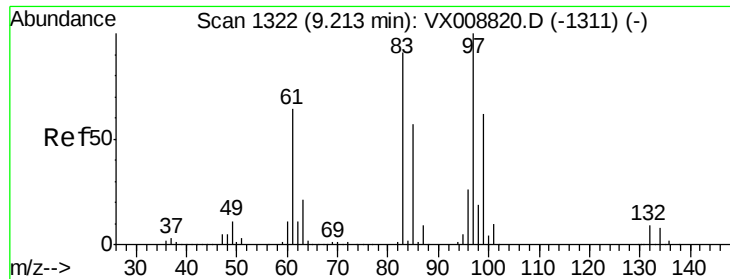
Tgt Ion: 75 Resp: 145971
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 49.785 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX008859.D
 Acq: 11 Apr 2019 18:04

Tgt Ion: 75 Resp: 161876
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.3 37.9
 39 53.7 42.6 63.8

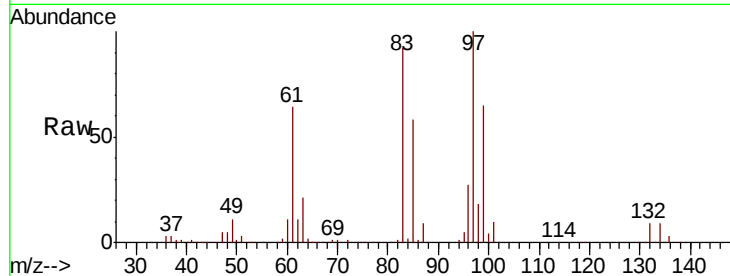




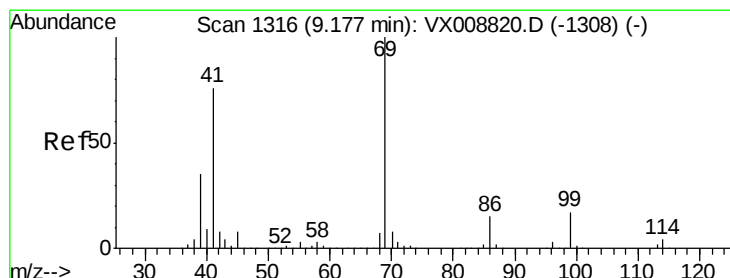
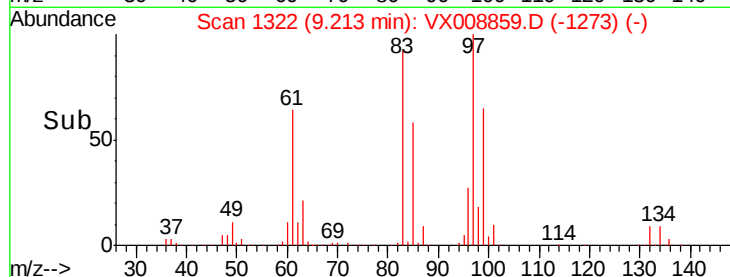
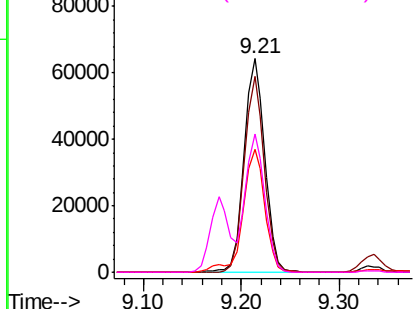
#55
 1,1,2-Trichloroethane
 Concen: 48.983 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008859.D
 Acq: 11 Apr 2019 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW139-190409MSD

Tgt Ion: 97 Resp: 94343
 Ion Ratio Lower Upper
 97 100
 83 91.8 73.2 109.8
 85 57.8 46.6 69.8
 99 64.7 50.1 75.1

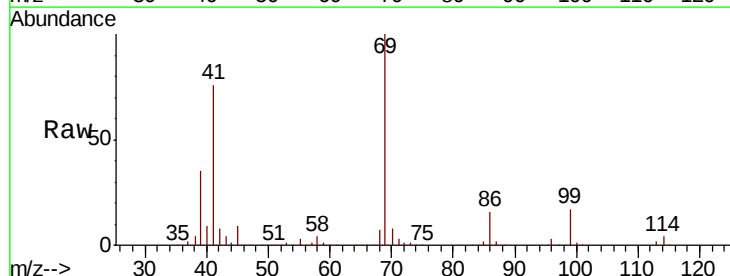


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

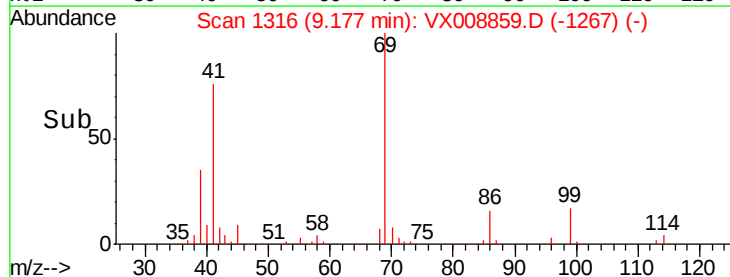
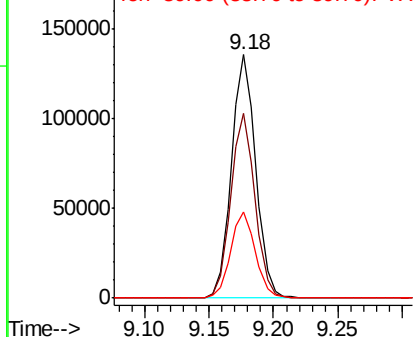


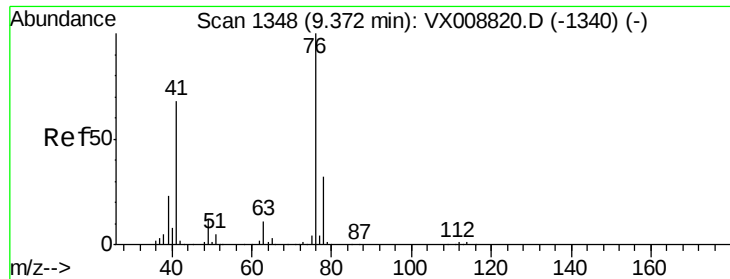
#56
 Ethyl methacrylate
 Concen: 51.506 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008859.D
 Acq: 11 Apr 2019 18:04

Tgt Ion: 69 Resp: 179490
 Ion Ratio Lower Upper
 69 100
 41 75.4 60.1 90.1
 39 35.6 28.9 43.3



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.129 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

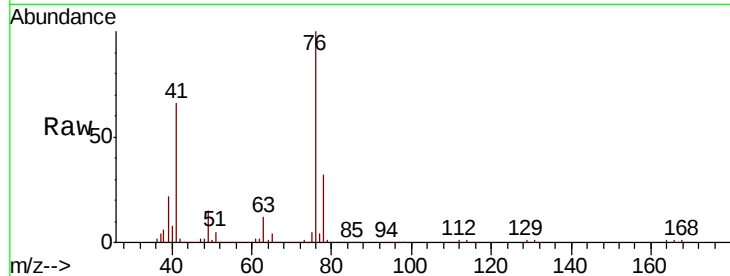
KY062MW139-190409MSD

Tgt Ion: 76 Resp: 169913

Ion Ratio Lower Upper

76 100

78 31.9 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

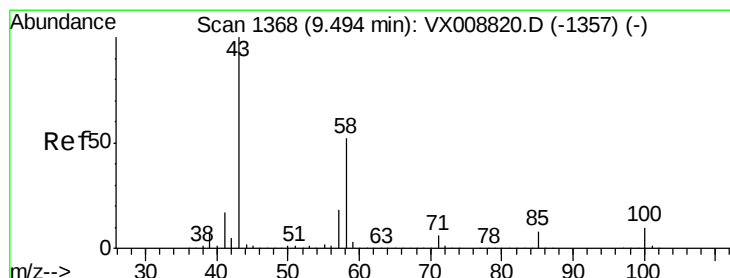
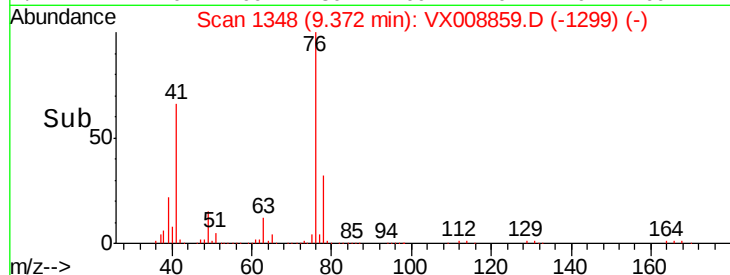
100000

50000

0

Time-->

9.30 9.35 9.40 9.45



#59

2-Hexanone

Concen: 253.736 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VX008859.D

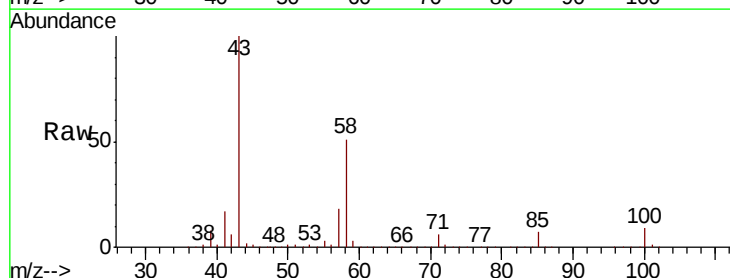
Acq: 11 Apr 2019 18:04

Tgt Ion: 43 Resp: 725121

Ion Ratio Lower Upper

43 100

58 51.4 25.9 77.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

500000

400000

300000

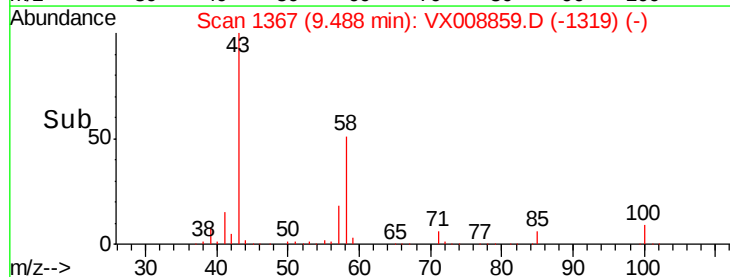
200000

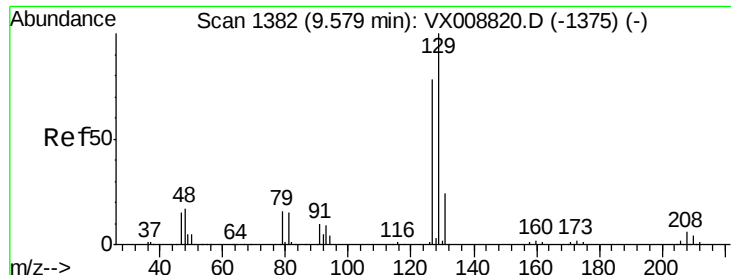
100000

0

Time-->

9.40 9.50 9.60





#60

Dibromochloromethane

Concen: 51.401 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

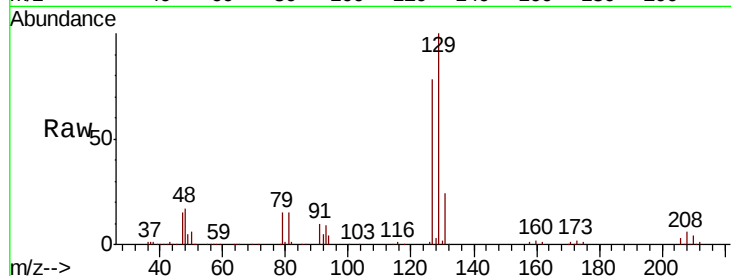
KY062MW139-190409MSD

Tgt Ion:129 Resp: 93290

Ion Ratio Lower Upper

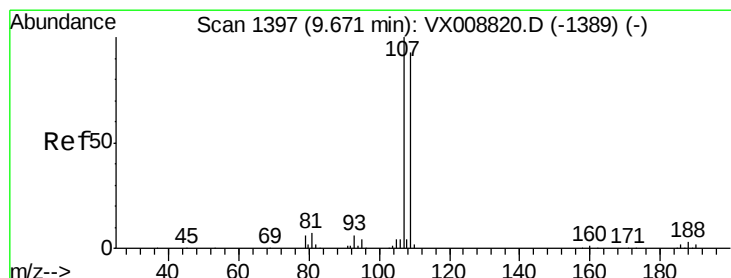
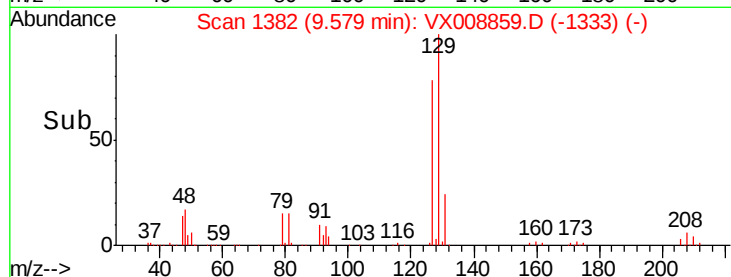
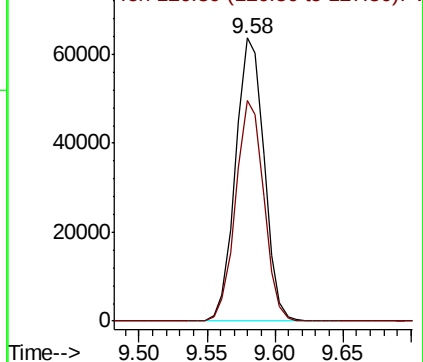
129 100

127 76.9 38.5 115.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 48.748 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008859.D

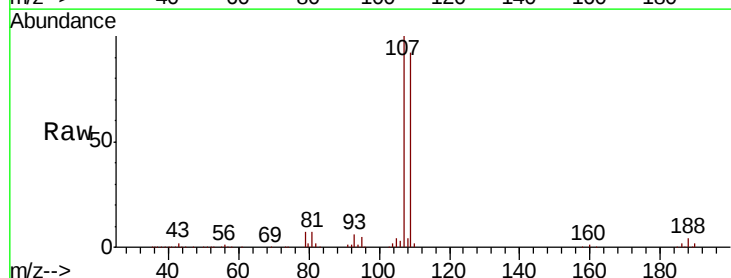
Acq: 11 Apr 2019 18:04

Tgt Ion:107 Resp: 97744

Ion Ratio Lower Upper

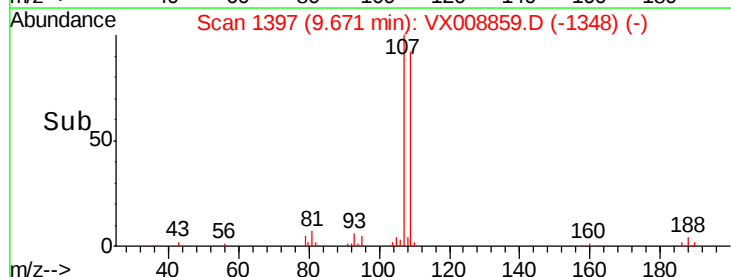
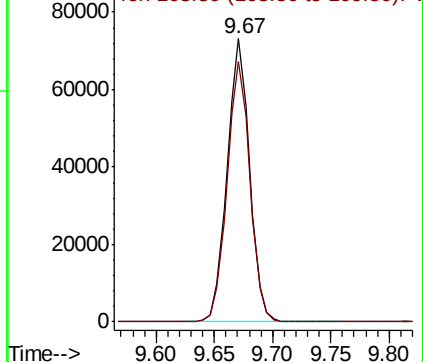
107 100

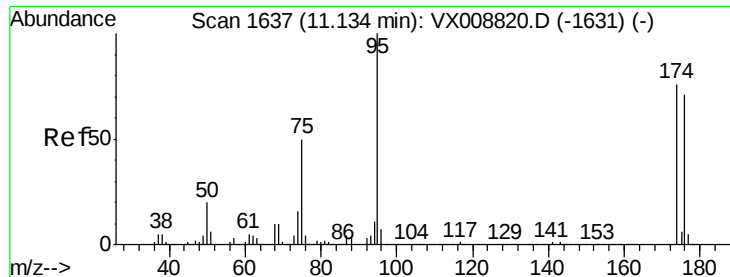
109 93.7 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 48.270 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

KY062MW139-190409MSD

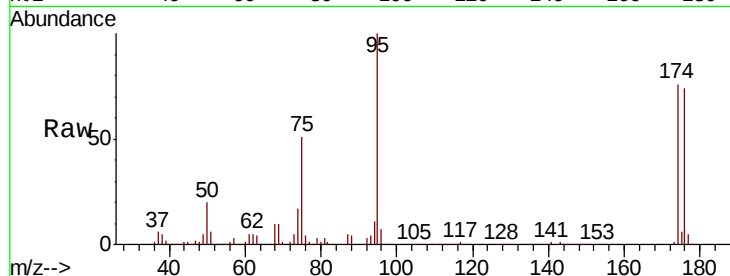
Tgt Ion: 95 Resp: 108910

Ion Ratio Lower Upper

95 100

174 79.2 0.0 151.8

176 76.8 0.0 145.8



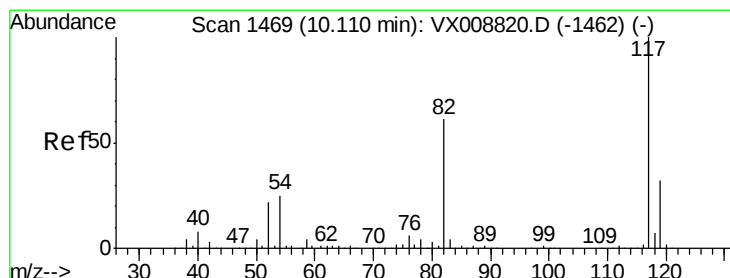
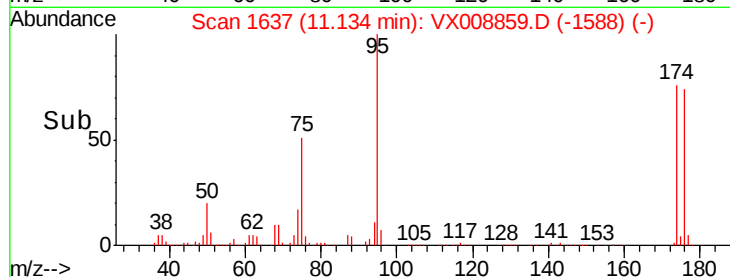
Abundance Ion 94.90 (94.60 to 95.60): VX008859.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008859.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008859.D (-1588) (-)

11.13

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

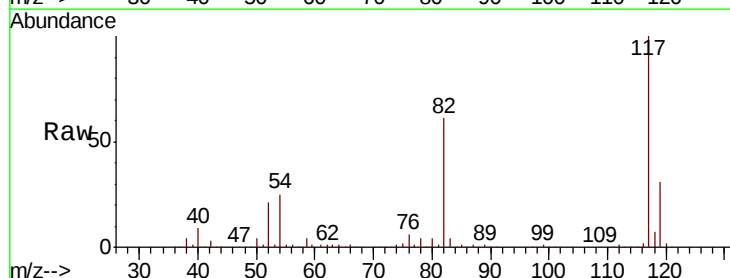
Tgt Ion: 117 Resp: 226750

Ion Ratio Lower Upper

117 100

82 61.2 49.6 74.4

119 30.8 25.0 37.4



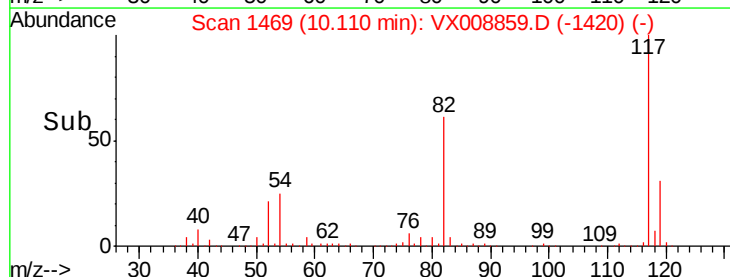
Abundance Ion 116.90 (116.60 to 117.60): VX008859.D (-1420) (-)

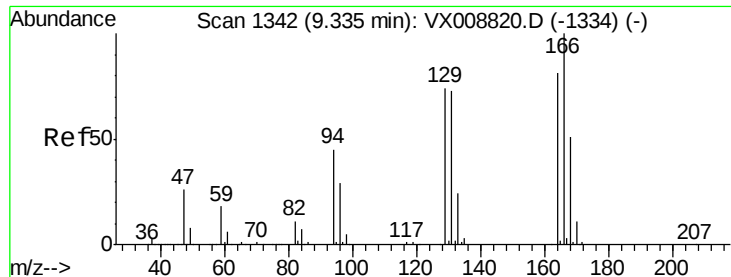
Ion 82.00 (81.70 to 82.70): VX008859.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008859.D (-1420) (-)

10.11

Time-->





#64

Tetrachloroethene

Concen: 190.724 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

KY062MW139-190409MSD

Tgt Ion:164 Resp: 320413

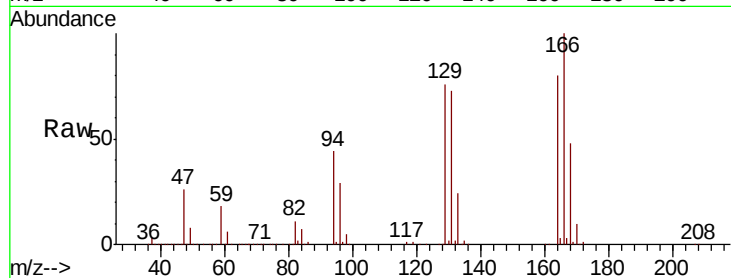
Ion Ratio Lower Upper

164 100

166 124.7 101.0 151.6

129 94.6 75.8 113.8

131 90.5 71.8 107.8

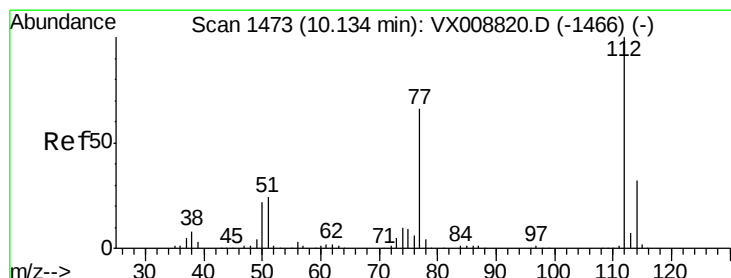
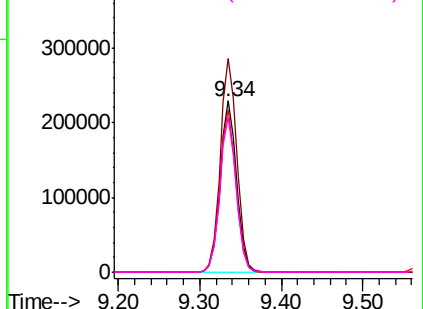
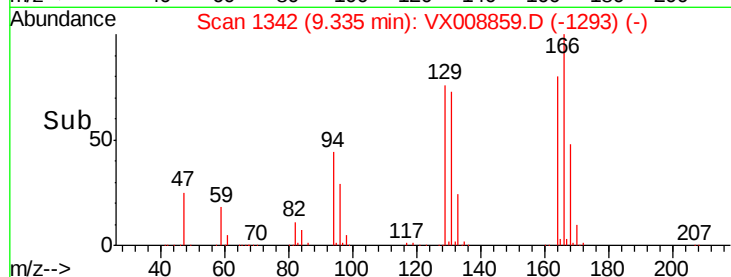


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 48.308 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX008859.D

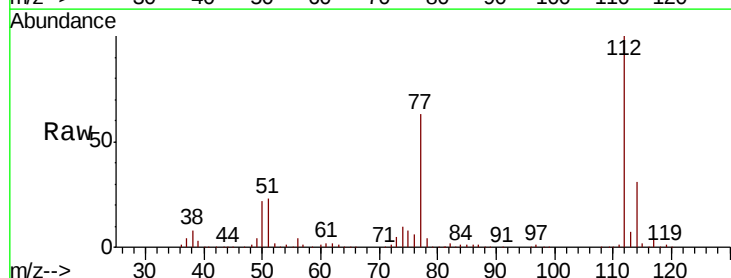
Acq: 11 Apr 2019 18:04

Tgt Ion:112 Resp: 242813

Ion Ratio Lower Upper

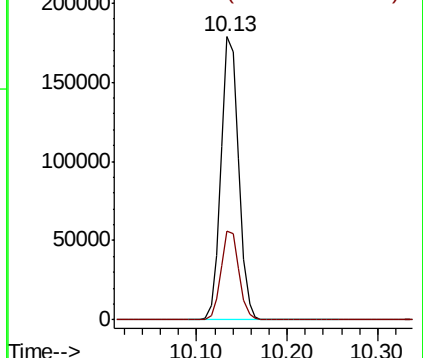
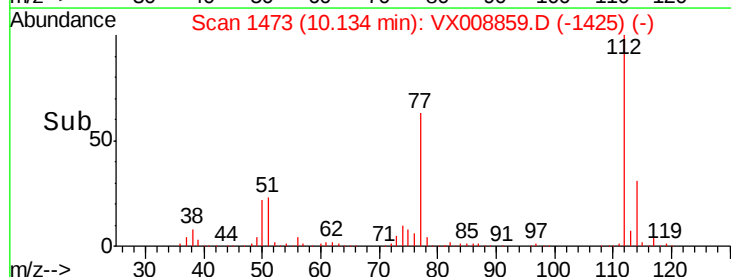
112 100

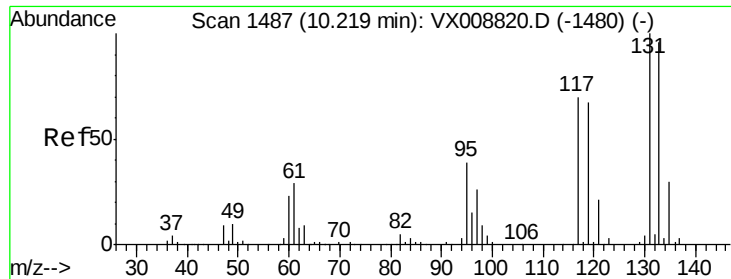
114 31.3 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

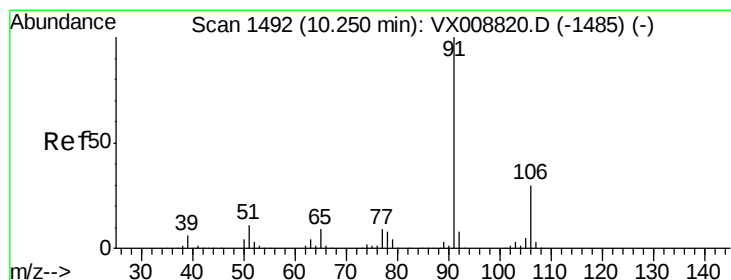
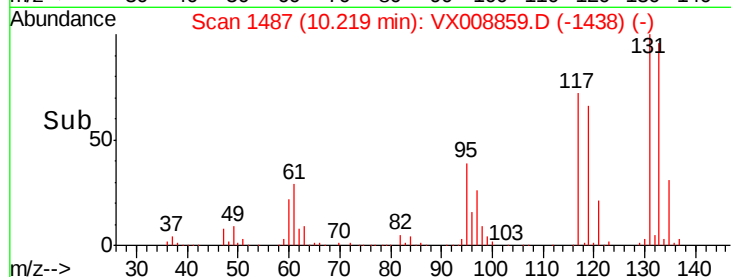
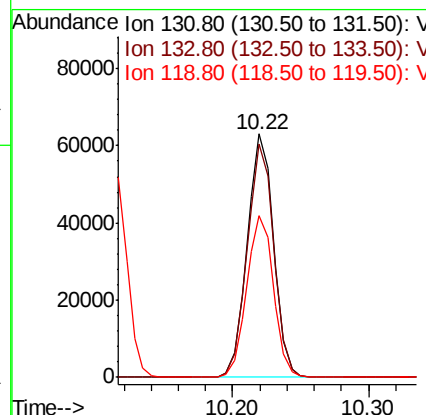
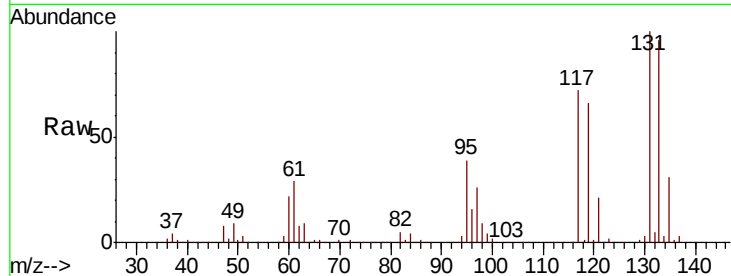




#66
 1,1,1,2-Tetrachloroethane
 Concen: 48.426 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX008859.D
 Acq: 11 Apr 2019 18:04

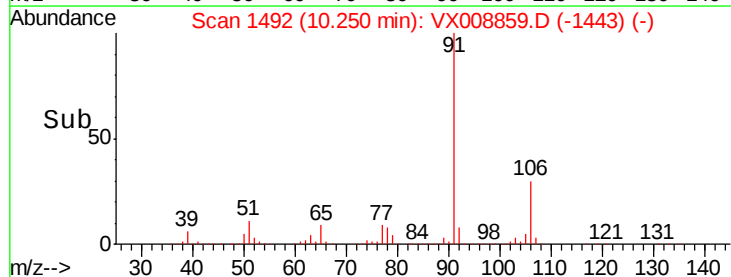
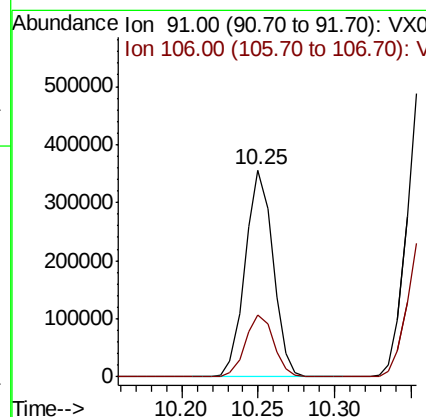
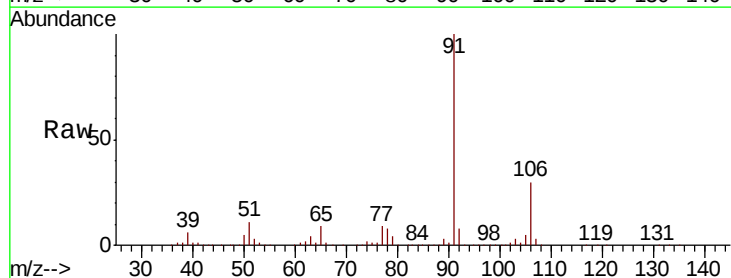
Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW139-190409MSD

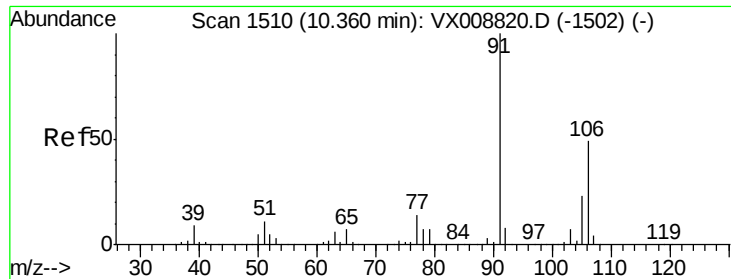
Tgt Ion: 131 Resp: 85391
 Ion Ratio Lower Upper
 131 100
 133 96.6 47.0 141.2
 119 67.5 33.7 101.0



#67
 Ethyl Benzene
 Concen: 48.266 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX008859.D
 Acq: 11 Apr 2019 18:04

Tgt Ion: 91 Resp: 452374
 Ion Ratio Lower Upper
 91 100
 106 30.0 23.7 35.5

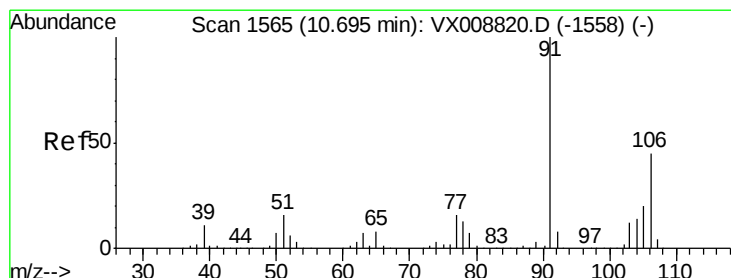
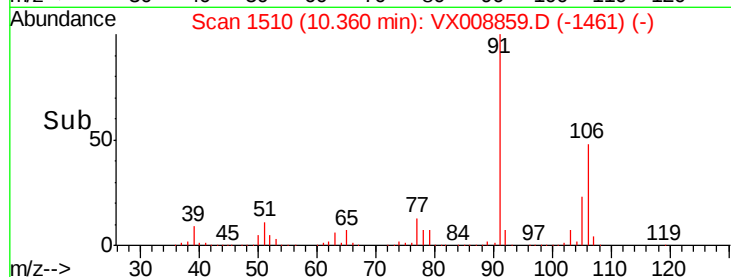
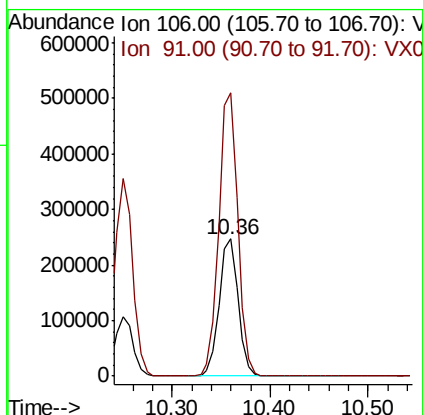
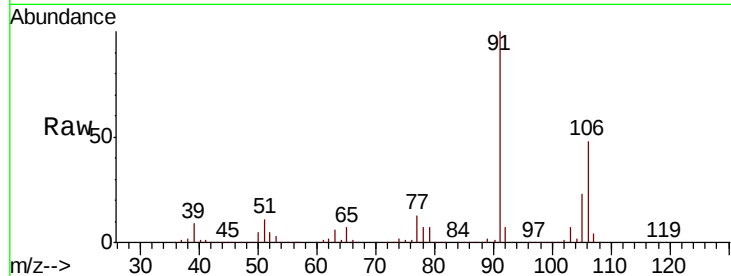




#68
m/p-Xylenes
Concen: 98.363 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008859.D
Acq: 11 Apr 2019 18:04

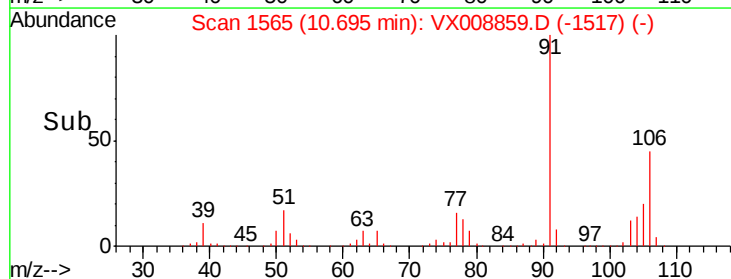
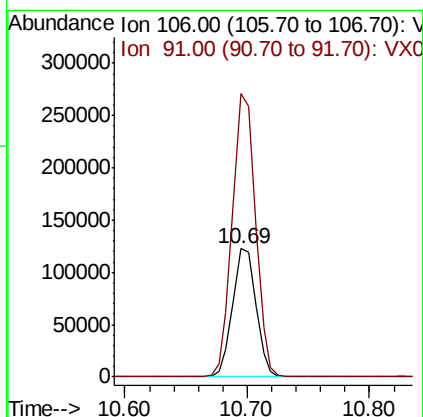
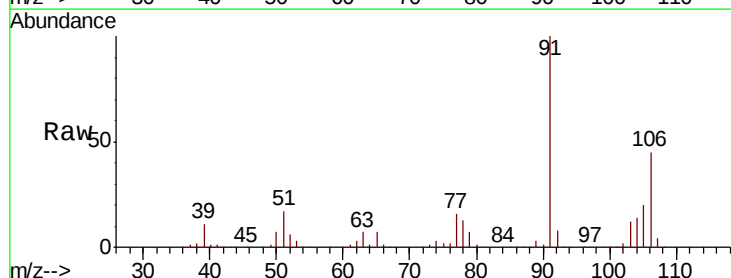
Instrument :
MSVOA_X
ClientSampleId :
KY062MW139-190409MSD

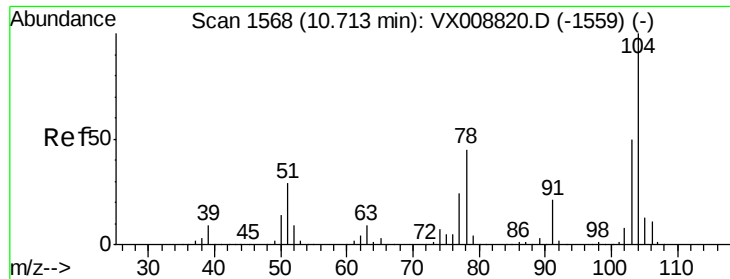
Tgt Ion:106 Resp: 331474
Ion Ratio Lower Upper
106 100
91 207.6 168.5 252.7



#69
o-Xylene
Concen: 49.452 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008859.D
Acq: 11 Apr 2019 18:04

Tgt Ion:106 Resp: 161500
Ion Ratio Lower Upper
106 100
91 220.1 111.5 334.4

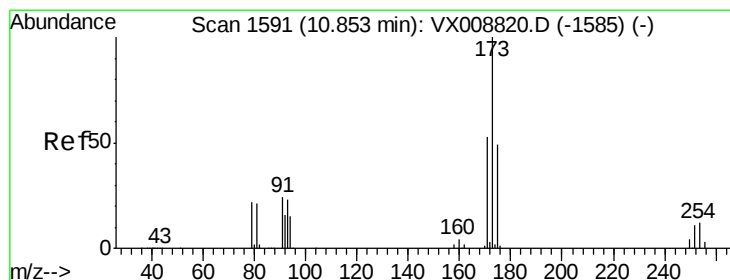
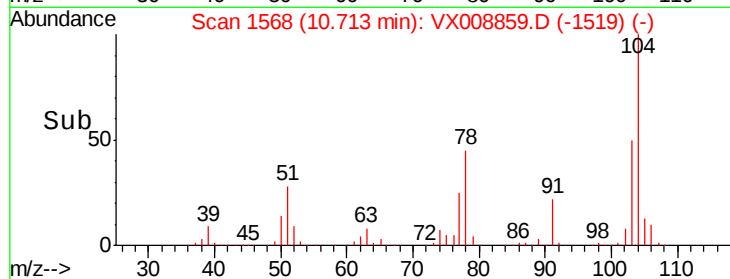
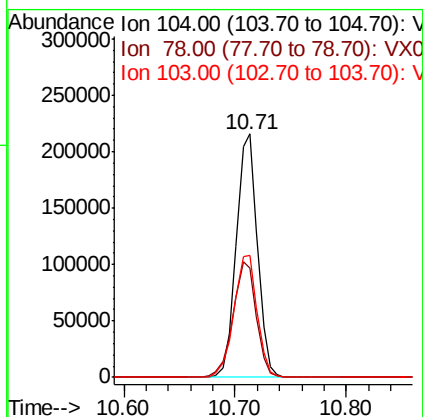
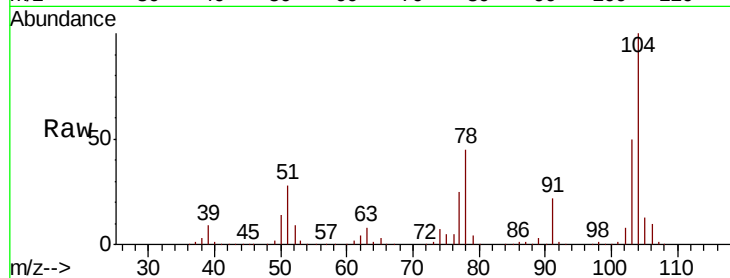




#70
Styrene
Concen: 50.411 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008859.D
Acq: 11 Apr 2019 18:04

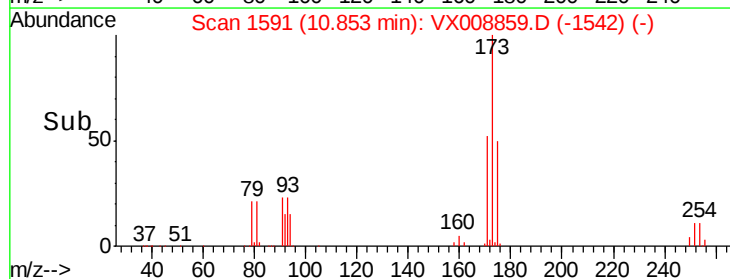
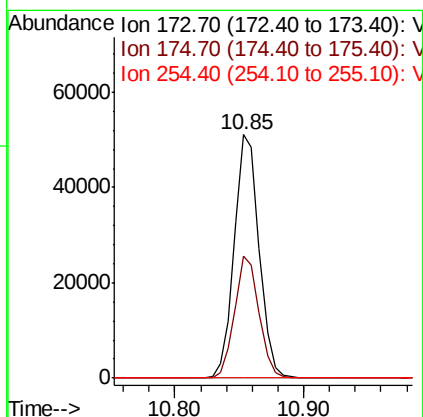
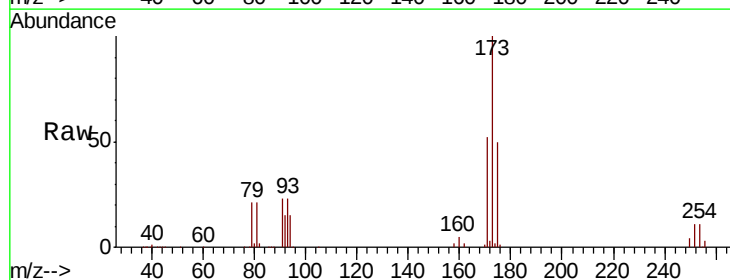
Instrument :
MSVOA_X
ClientSampleId :
KY062MW139-190409MSD

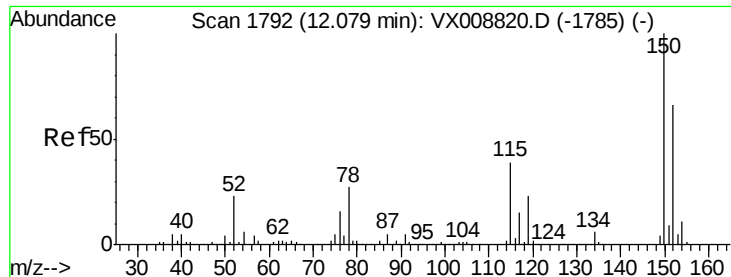
Tgt Ion:104 Resp: 283788
Ion Ratio Lower Upper
104 100
78 51.9 42.3 63.5
103 55.1 44.4 66.6



#71
Bromoform
Concen: 51.163 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX008859.D
Acq: 11 Apr 2019 18:04

Tgt Ion:173 Resp: 68903
Ion Ratio Lower Upper
173 100
175 49.3 24.9 74.6
254 0.2 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

KY062MW139-190409MSD

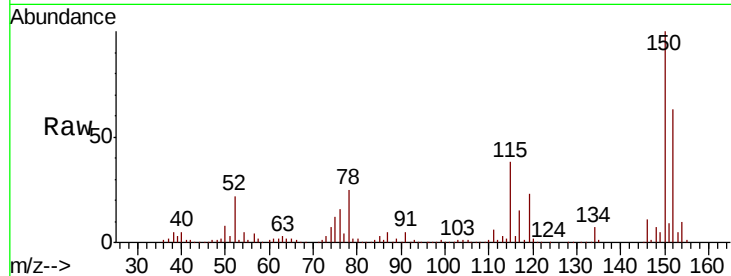
Tgt Ion:152 Resp: 107912

Ion Ratio Lower Upper

152 100

115 84.5 43.5 130.5

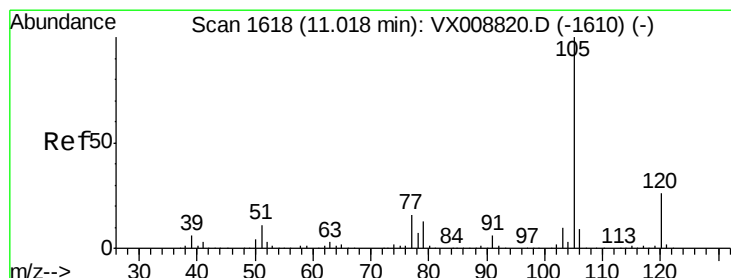
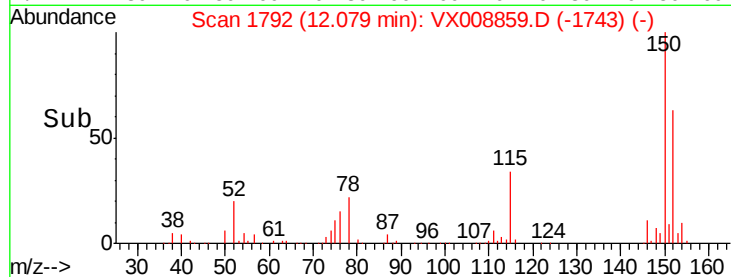
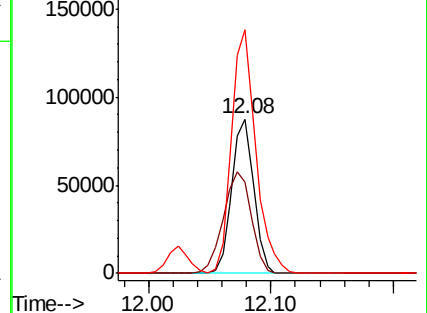
150 175.1 0.0 348.8



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: 47.755 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008859.D

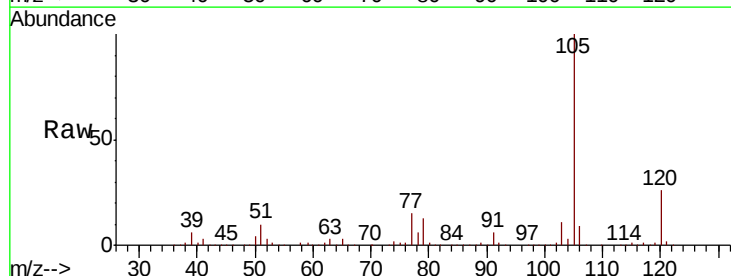
Acq: 11 Apr 2019 18:04

Tgt Ion:105 Resp: 427073

Ion Ratio Lower Upper

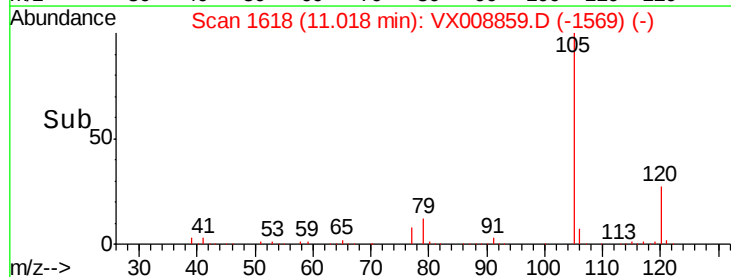
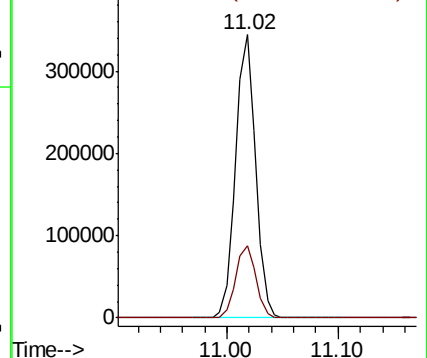
105 100

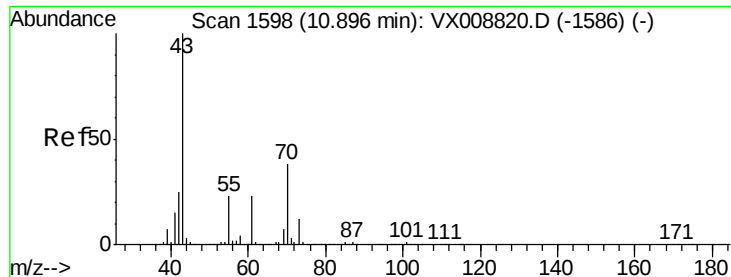
120 25.9 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 48.295 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

KY062MW139-190409MSD

Tgt Ion: 43 Resp: 254108

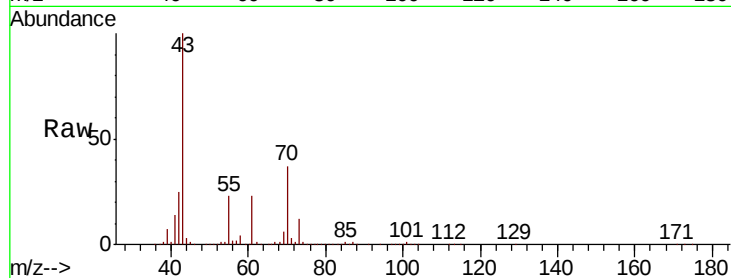
Ion Ratio Lower Upper

43 100

70 37.2 30.2 45.4

55 22.3 18.2 27.4

61 22.4 18.6 28.0

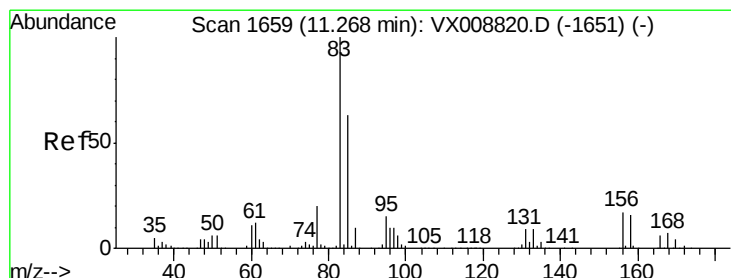
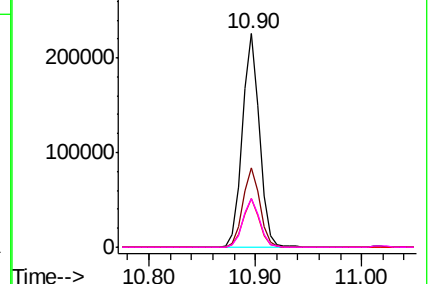
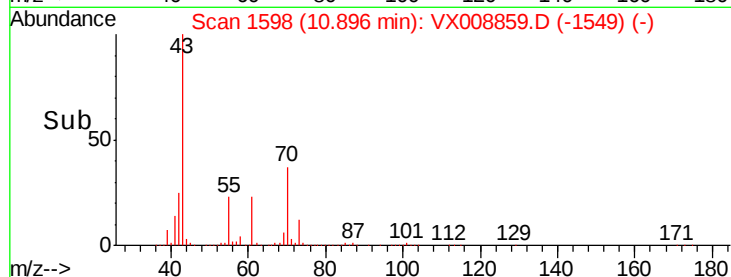


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 45.993 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

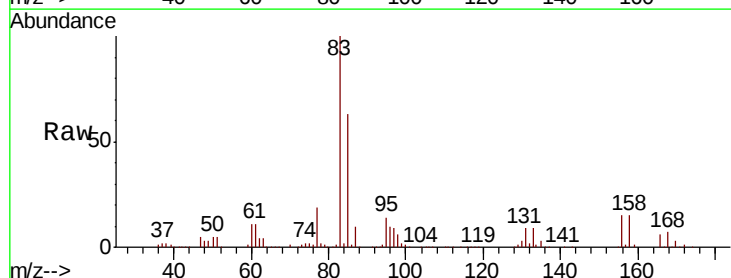
Tgt Ion: 83 Resp: 156429

Ion Ratio Lower Upper

83 100

131 9.4 4.5 13.7

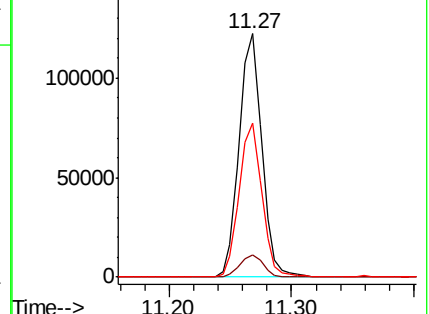
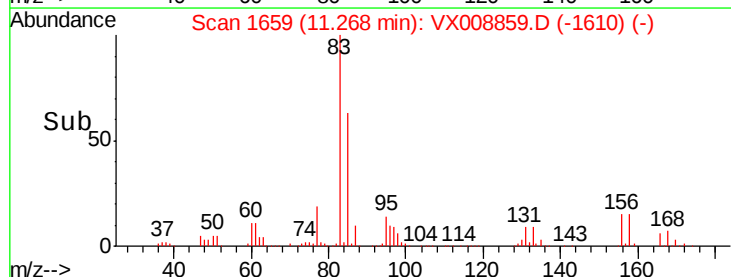
85 63.6 32.0 96.2

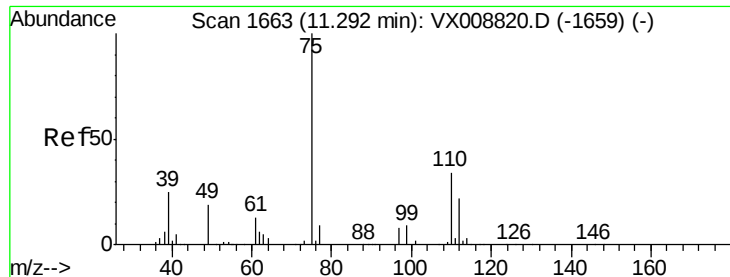


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 62.813 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

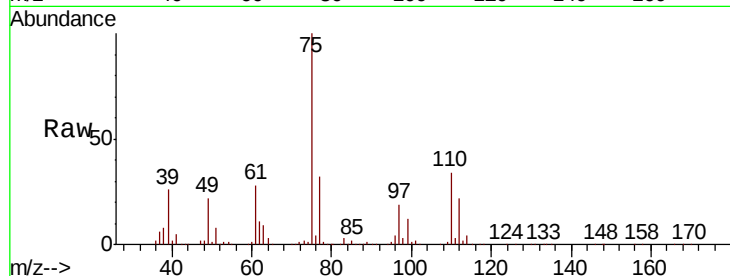
KY062MW139-190409MSD

Tgt Ion: 75 Resp: 186205

Ion Ratio Lower Upper

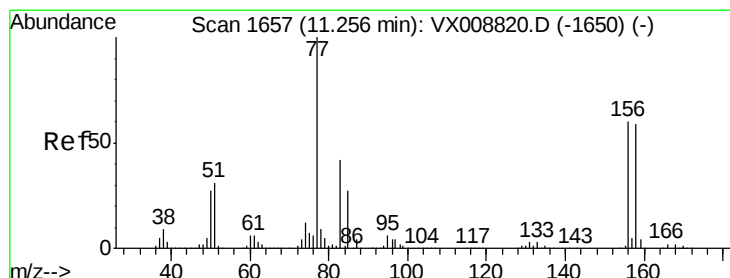
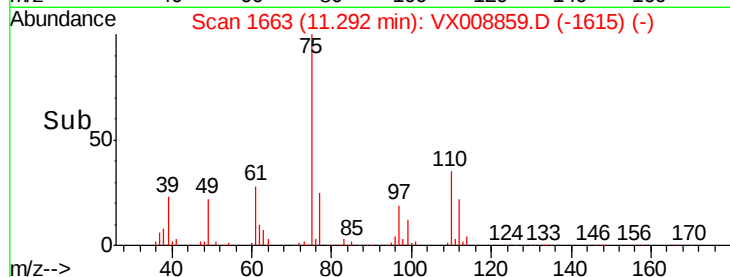
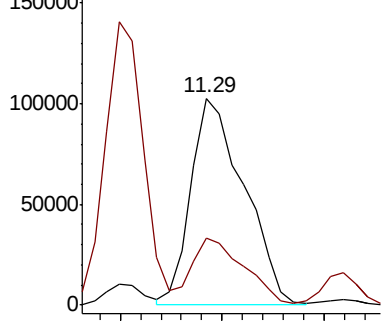
75 100

77 31.9 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 48.736 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

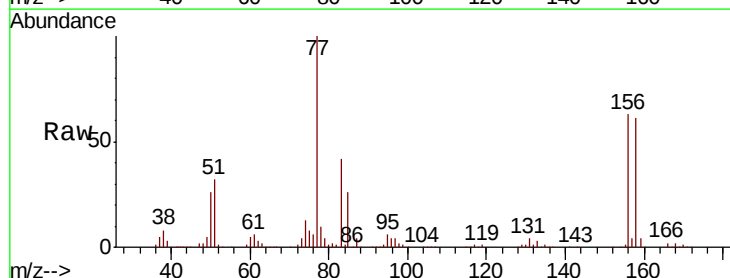
Tgt Ion: 156 Resp: 104778

Ion Ratio Lower Upper

156 100

77 174.1 89.8 269.6

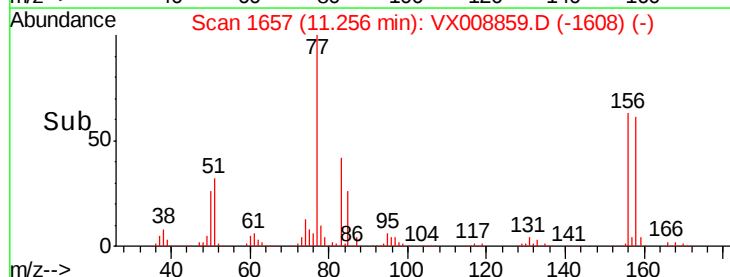
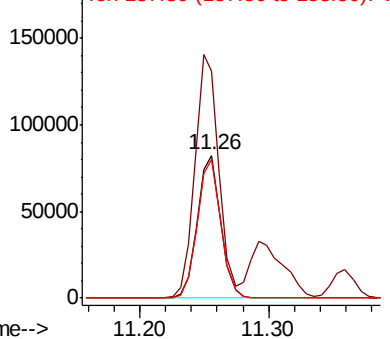
158 97.5 48.6 145.9

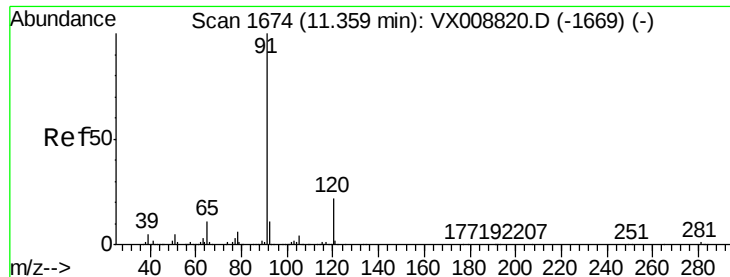


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 47.599 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

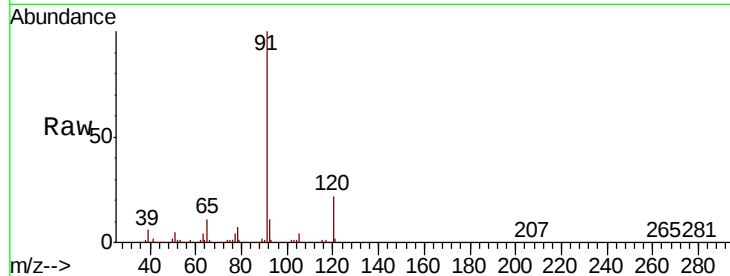
KY062MW139-190409MSD

Tgt Ion: 91 Resp: 495645

Ion Ratio Lower Upper

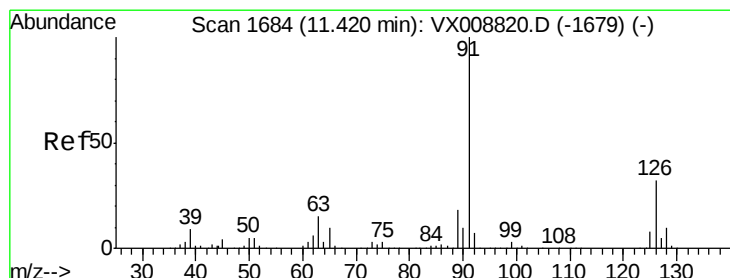
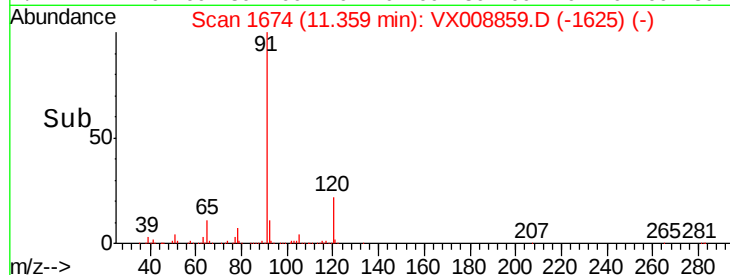
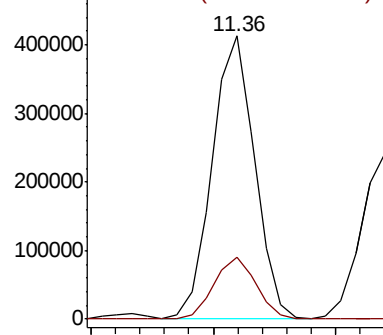
91 100

120 22.0 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 47.004 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008859.D

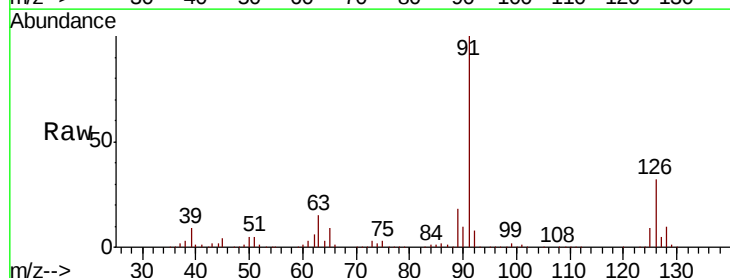
Acq: 11 Apr 2019 18:04

Tgt Ion: 91 Resp: 296196

Ion Ratio Lower Upper

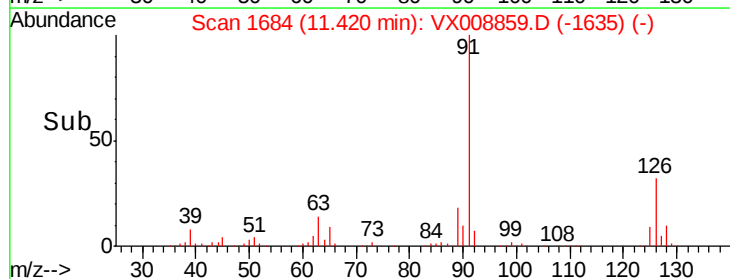
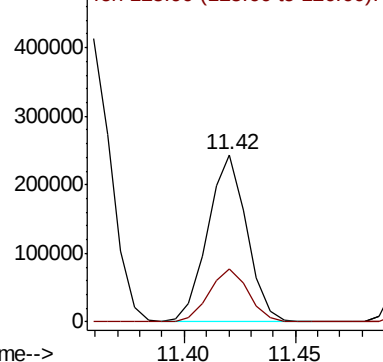
91 100

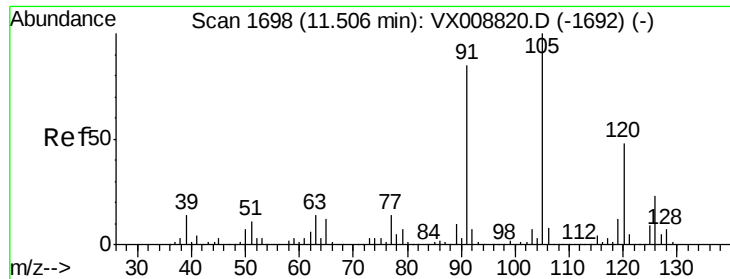
126 32.1 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

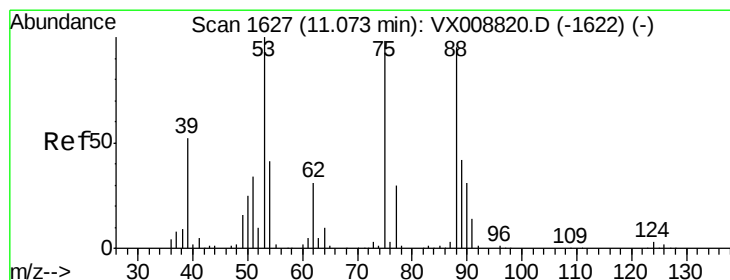
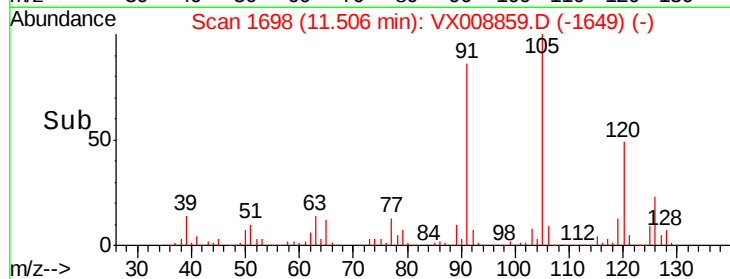
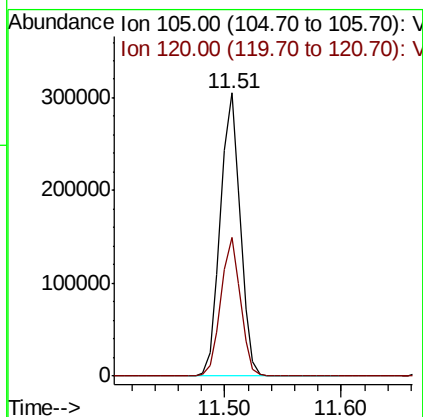
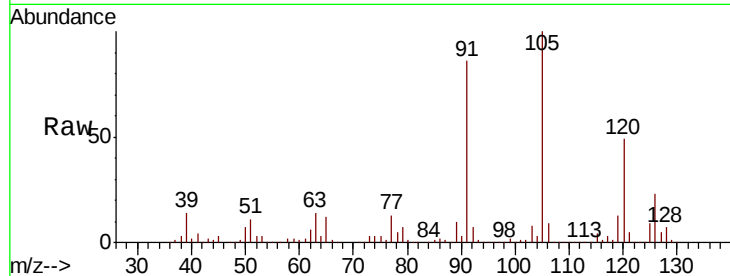




#80
 1,3,5-Trimethylbenzene
 Concen: 47.732 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008859.D
 Acq: 11 Apr 2019 18:04

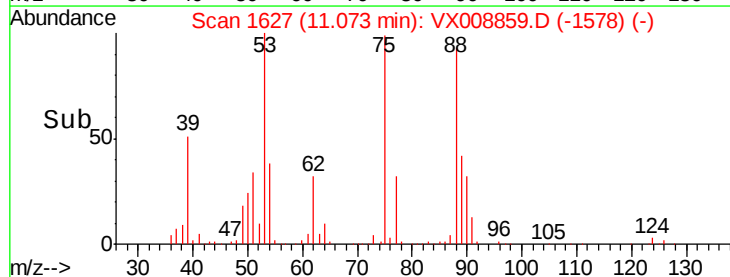
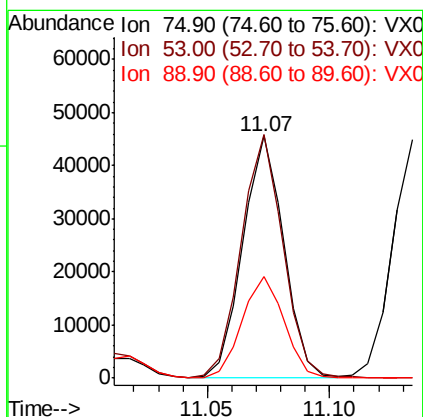
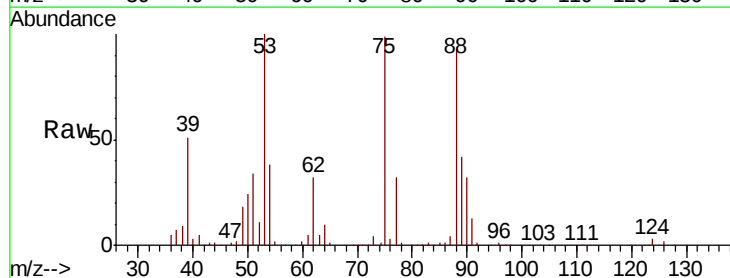
Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW139-190409MSD

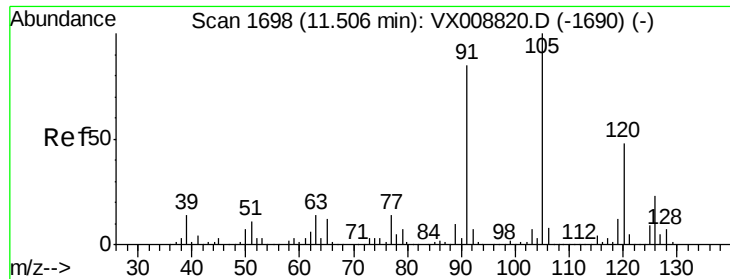
Tgt Ion: 105 Resp: 358316
 Ion Ratio Lower Upper
 105 100
 120 48.2 23.5 70.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.291 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX008859.D
 Acq: 11 Apr 2019 18:04

Tgt Ion: 75 Resp: 53008
 Ion Ratio Lower Upper
 75 100
 53 102.1 81.3 121.9
 89 43.4 35.6 53.4

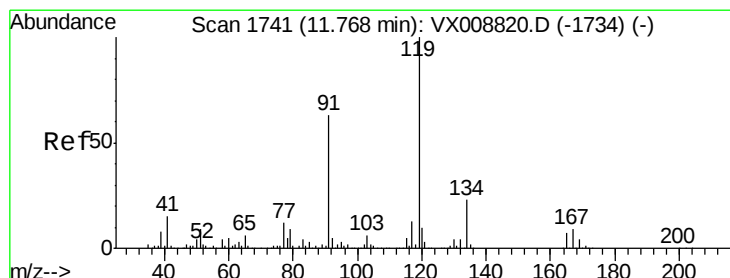
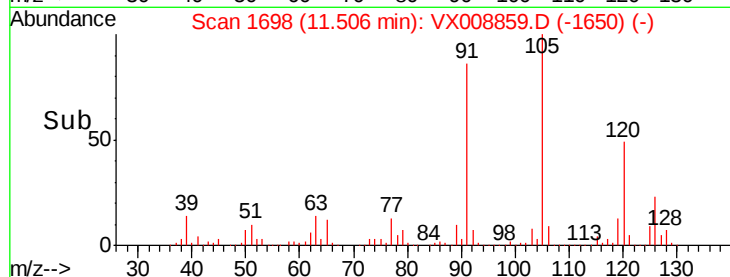
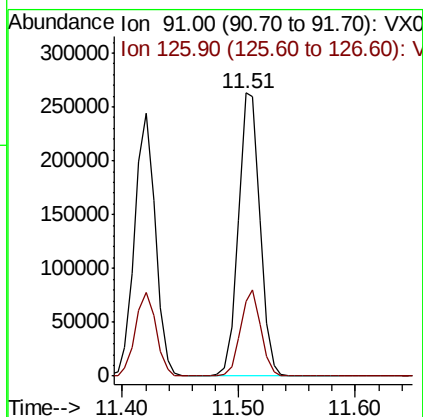
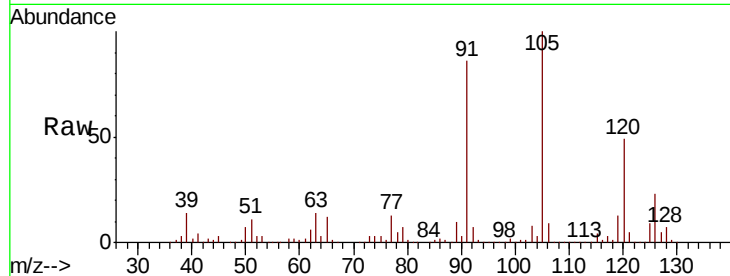




#82
4-Chlorotoluene
Concen: 46.615 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX008859.D
Acq: 11 Apr 2019 18:04

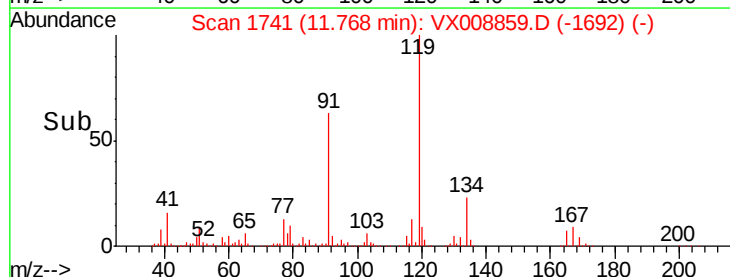
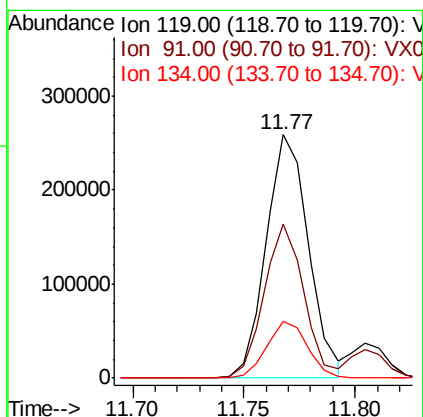
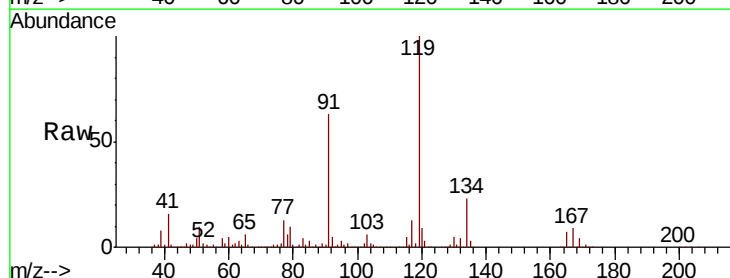
Instrument :
MSVOA_X
ClientSampleId :
KY062MW139-190409MSD

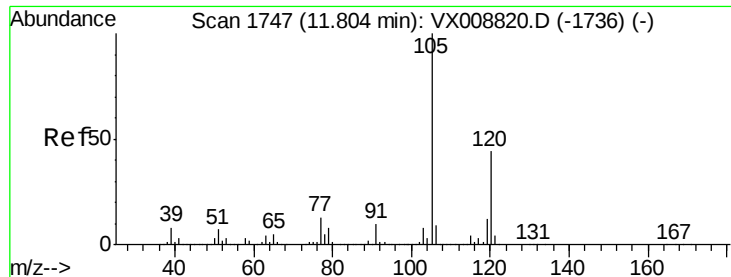
Tgt Ion: 91 Resp: 340015
Ion Ratio Lower Upper
91 100
126 28.6 13.9 41.6



#83
tert-Butylbenzene
Concen: 47.348 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX008859.D
Acq: 11 Apr 2019 18:04

Tgt Ion: 119 Resp: 341955
Ion Ratio Lower Upper
119 100
91 59.7 30.0 90.1
134 22.4 11.1 33.3





#84

1,2,4-Trimethylbenzene

Concen: 47.709 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

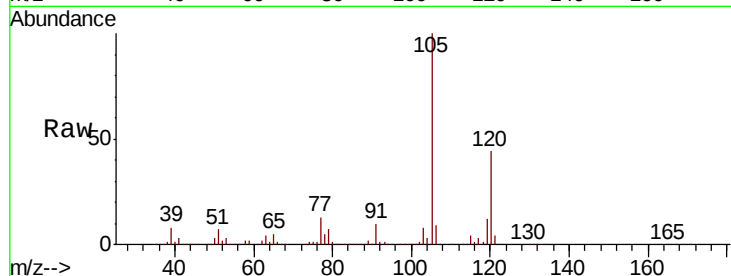
KY062MW139-190409MSD

Tgt Ion:105 Resp: 362648

Ion Ratio Lower Upper

105 100

120 43.7 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

400000

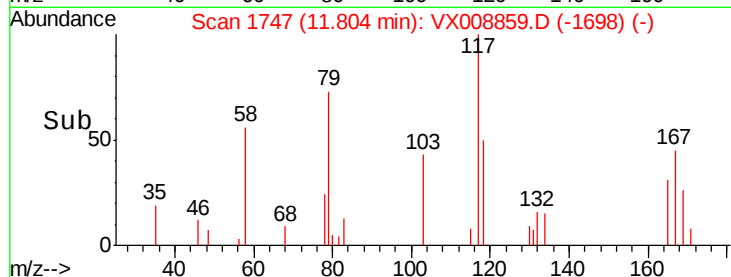
300000

200000

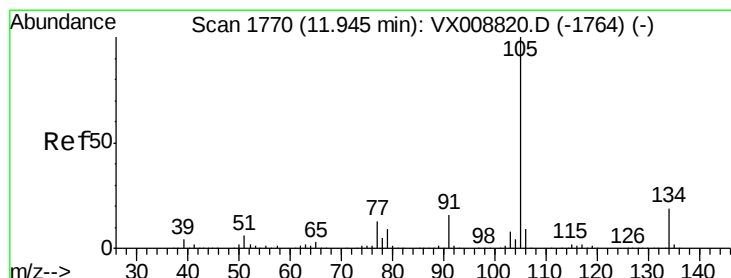
100000

0

11.70 11.80 11.90



Time-->



#85

sec-Butylbenzene

Concen: 47.975 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008859.D

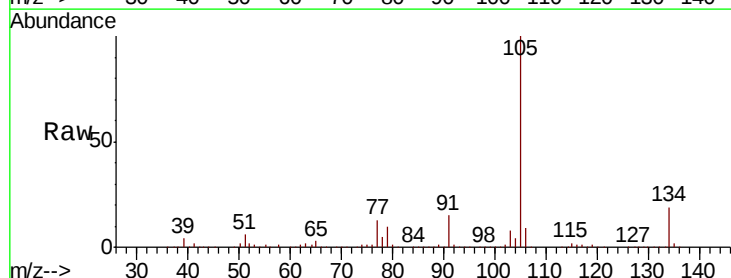
Acq: 11 Apr 2019 18:04

Tgt Ion:105 Resp: 411563

Ion Ratio Lower Upper

105 100

134 19.2 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

400000

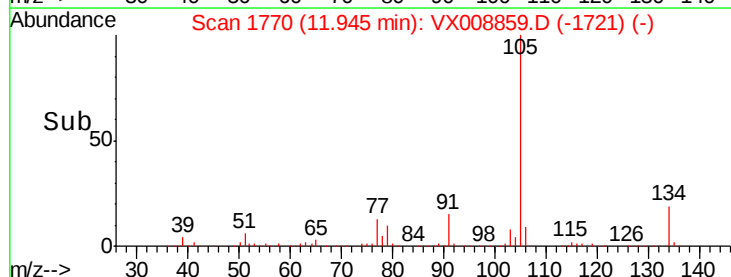
300000

200000

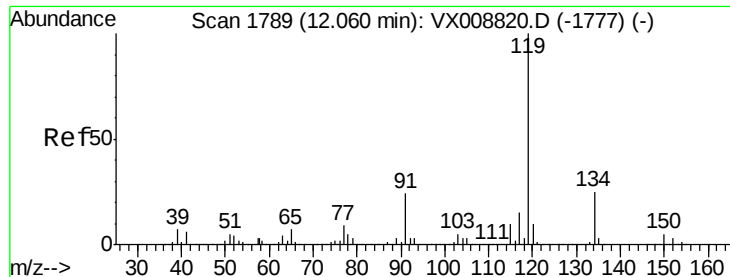
100000

0

11.90 12.00



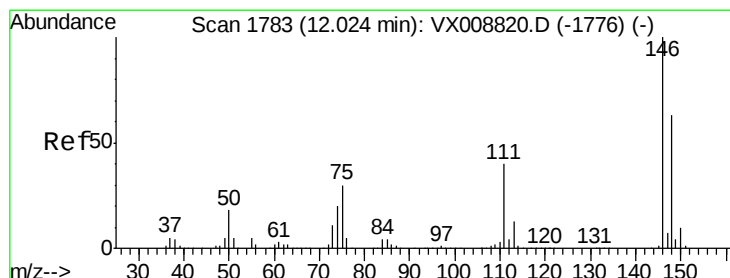
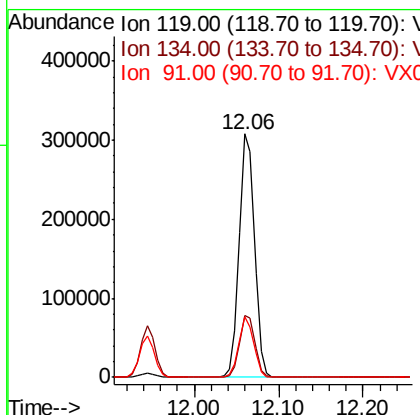
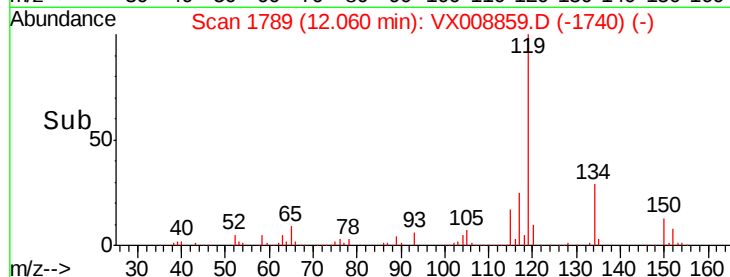
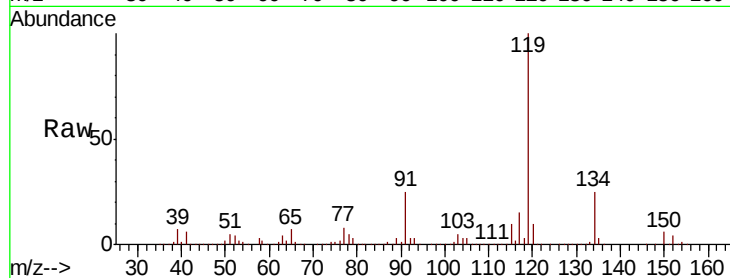
Time-->



#86
p-Isopropyltoluene
Concen: 48.544 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX008859.D
Acq: 11 Apr 2019 18:04

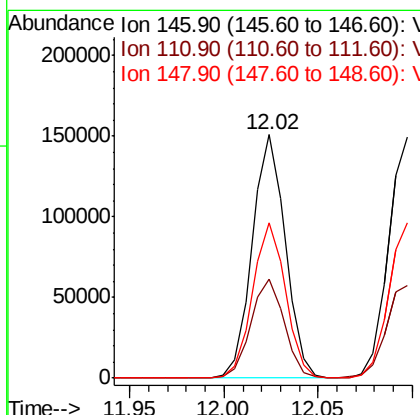
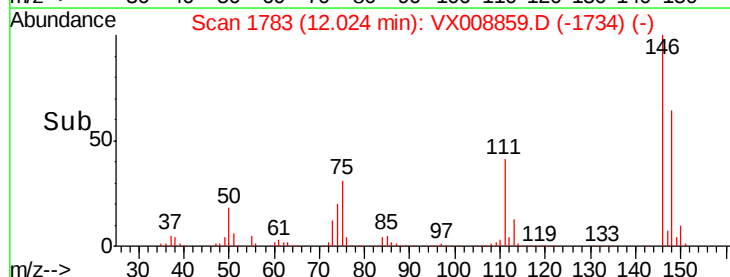
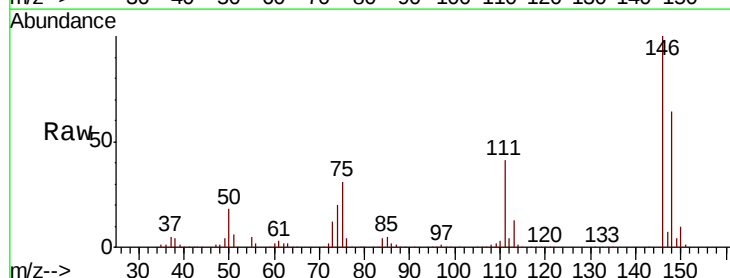
Instrument :
MSVOA_X
ClientSampleId :
KY062MW139-190409MSD

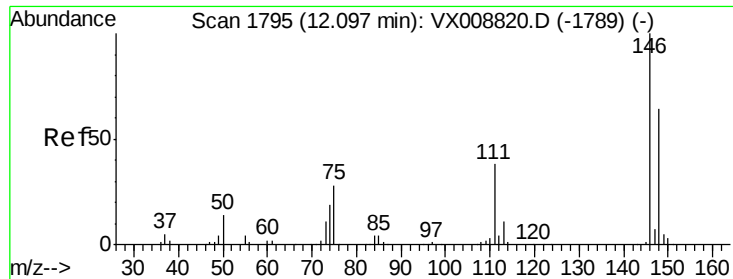
Tgt Ion:119 Resp: 373779
Ion Ratio Lower Upper
119 100
134 25.6 12.8 38.4
91 24.0 12.2 36.6



#87
1,3-Dichlorobenzene
Concen: 47.743 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX008859.D
Acq: 11 Apr 2019 18:04

Tgt Ion:146 Resp: 183755
Ion Ratio Lower Upper
146 100
111 40.7 20.5 61.5
148 63.5 31.6 94.7





#88

1,4-Dichlorobenzene

Concen: 47.016 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

KY062MW139-190409MSD

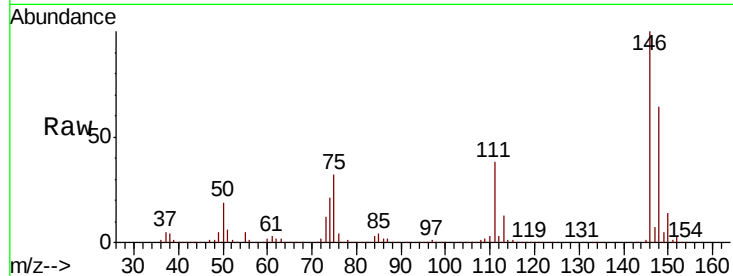
Tgt Ion:146 Resp: 183240

Ion Ratio Lower Upper

146 100

111 39.8 20.2 60.6

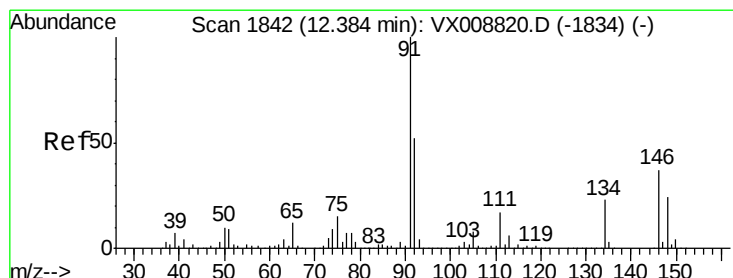
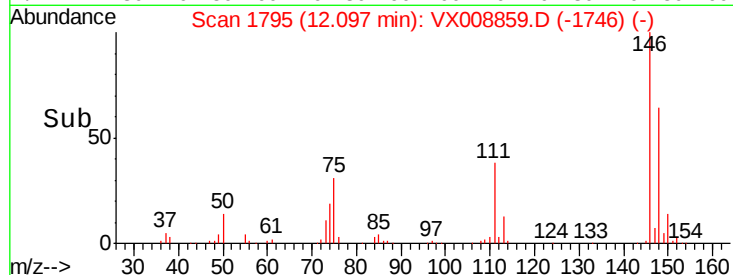
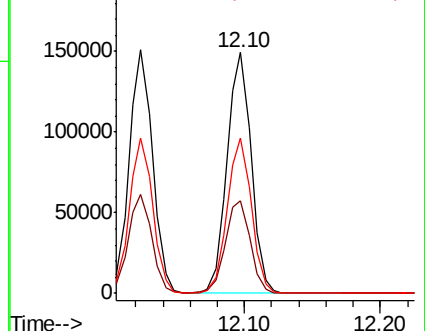
148 64.5 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 47.611 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

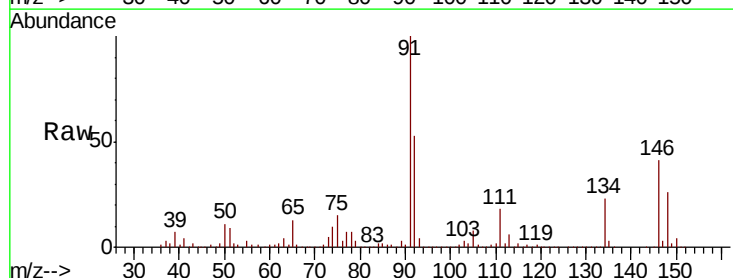
Tgt Ion: 91 Resp: 343796

Ion Ratio Lower Upper

91 100

92 53.1 26.4 79.2

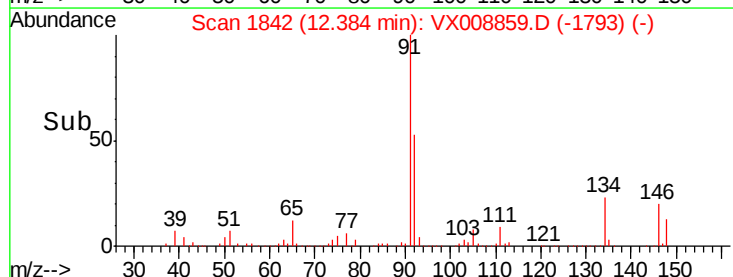
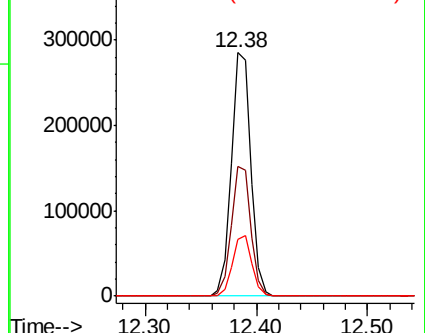
134 24.5 12.0 36.0

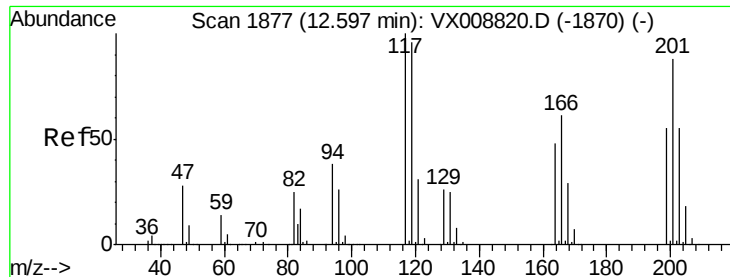


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 48.504 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

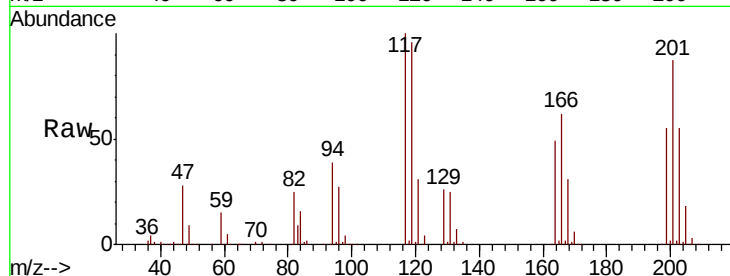
KY062MW139-190409MSD

Tgt Ion:117 Resp: 61943

Ion Ratio Lower Upper

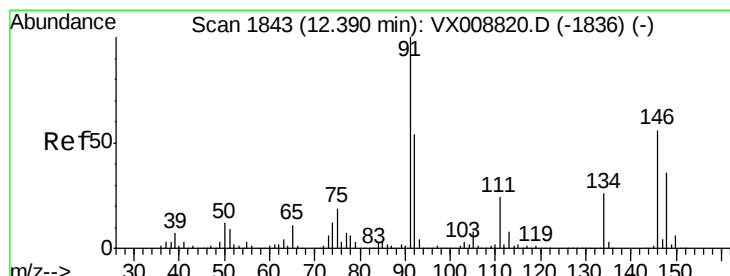
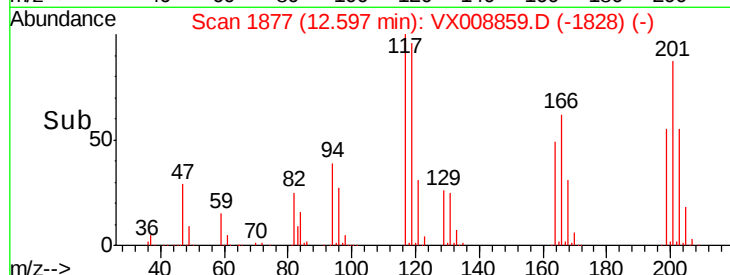
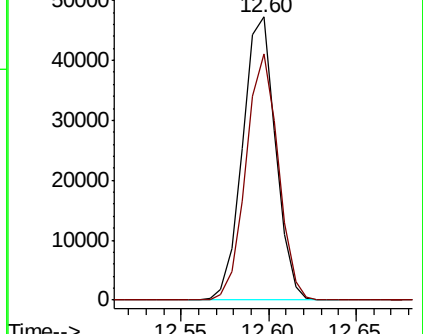
117 100

201 85.1 40.6 122.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 47.912 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

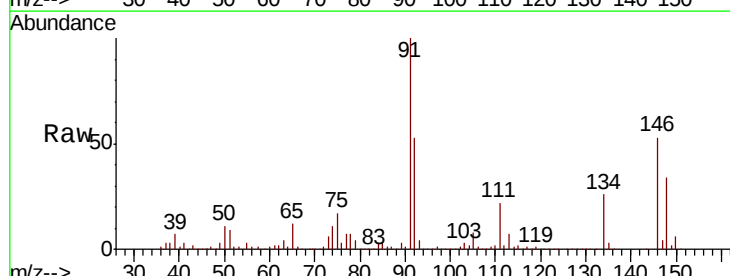
Tgt Ion:146 Resp: 183089

Ion Ratio Lower Upper

146 100

111 41.7 21.3 63.9

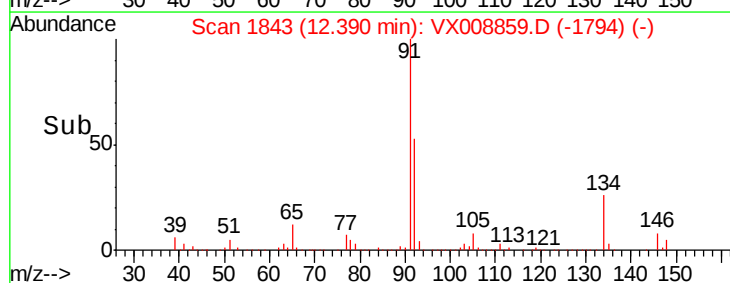
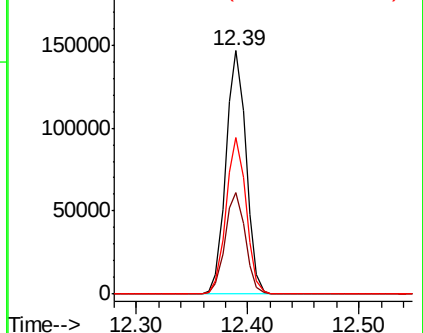
148 64.2 31.7 95.1

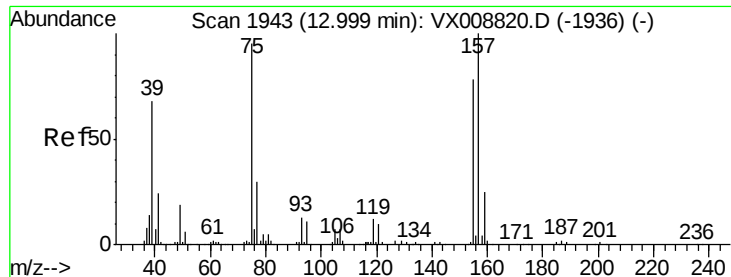


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

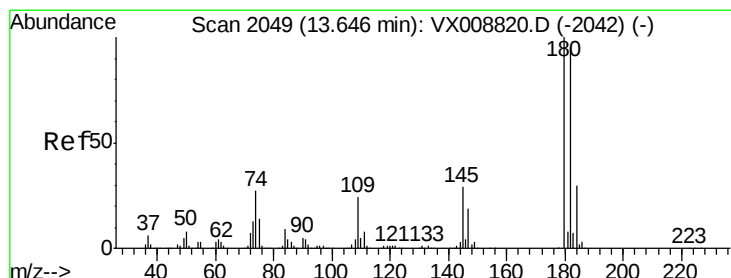
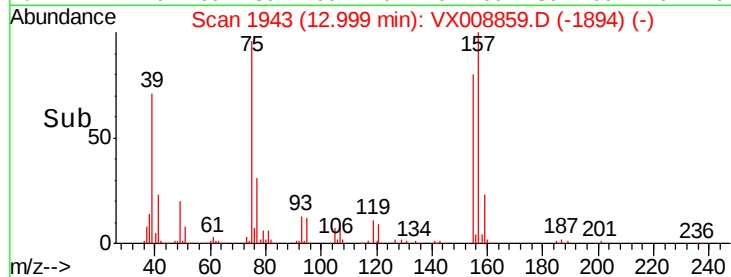
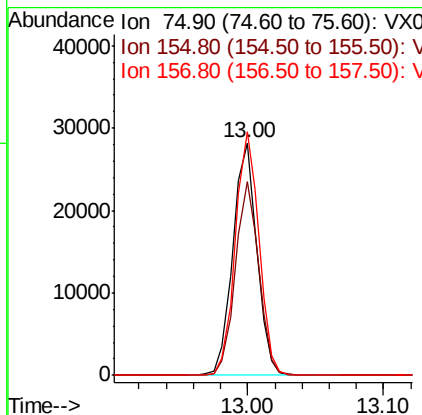
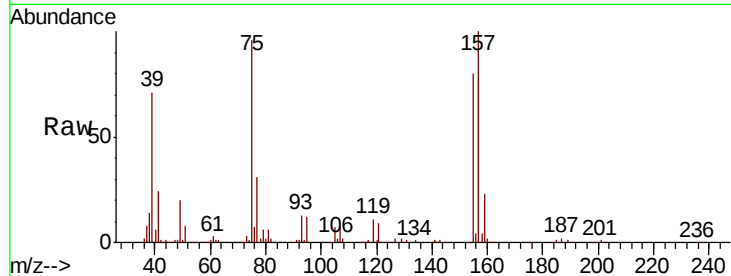




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.223 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008859.D
 Acq: 11 Apr 2019 18:04

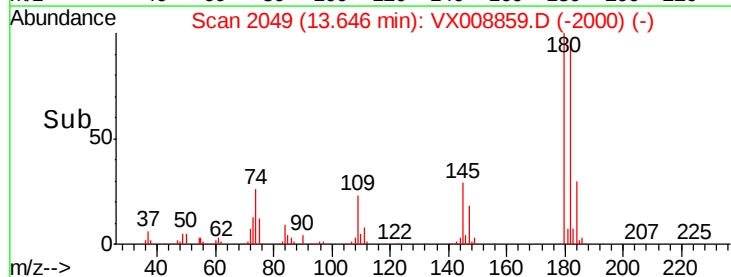
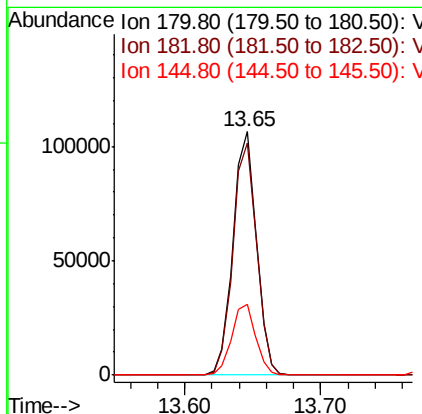
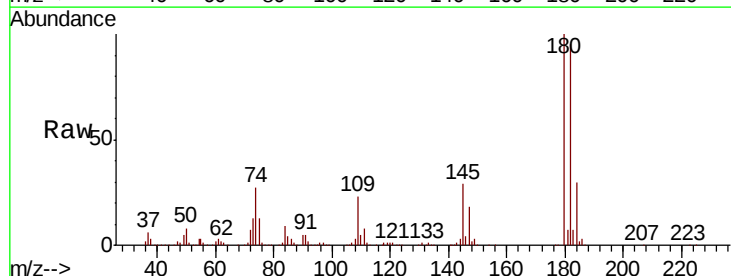
Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW139-190409MSD

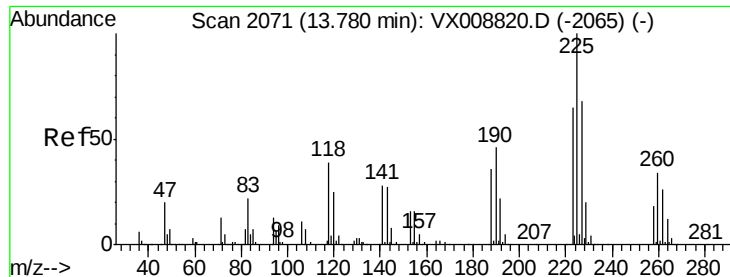
Tgt Ion: 75 Resp: 34584
 Ion Ratio Lower Upper
 75 100
 155 81.2 39.9 119.6
 157 103.1 51.5 154.7



#93
 1,2,4-Trichlorobenzene
 Concen: 48.176 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008859.D
 Acq: 11 Apr 2019 18:04

Tgt Ion: 180 Resp: 128002
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.2 141.6
 145 29.8 15.3 45.9





#94

Hexachlorobutadiene

Concen: 50.390 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

KY062MW139-190409MSD

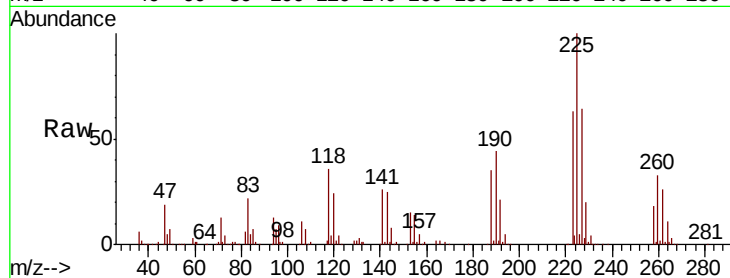
Tgt Ion:225 Resp: 64209

Ion Ratio Lower Upper

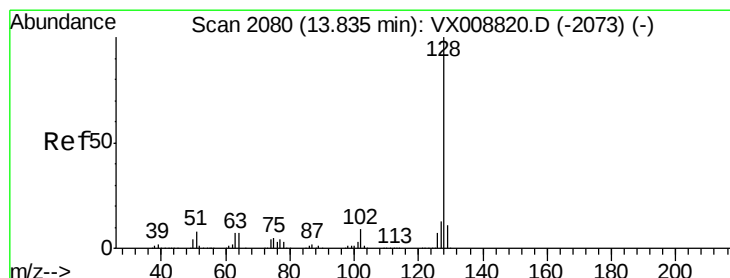
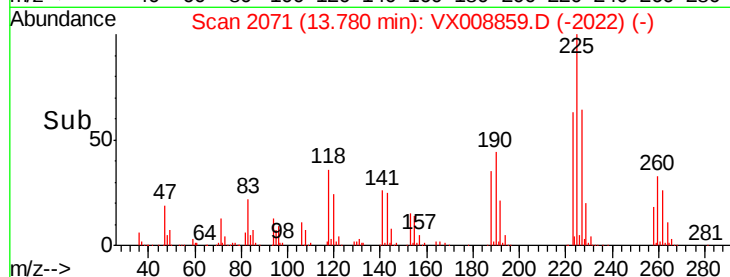
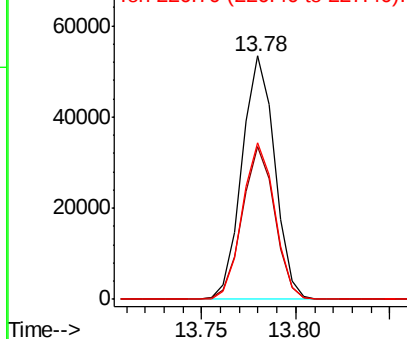
225 100

223 62.1 31.2 93.6

227 63.8 31.9 95.5



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: 47.548 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008859.D

Acq: 11 Apr 2019 18:04

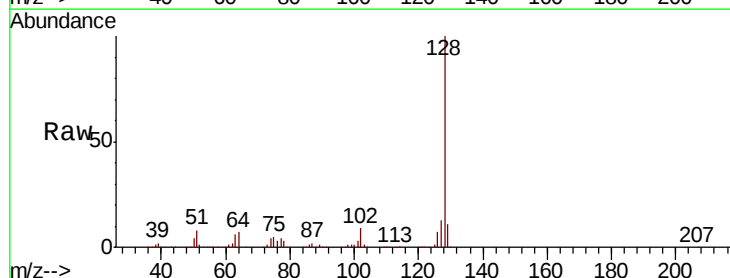
Tgt Ion:128 Resp: 422240

Ion Ratio Lower Upper

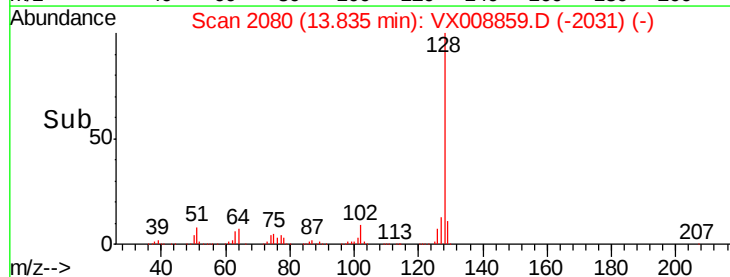
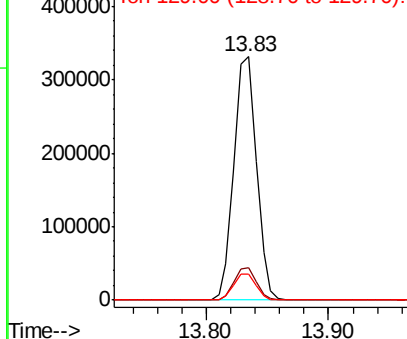
128 100

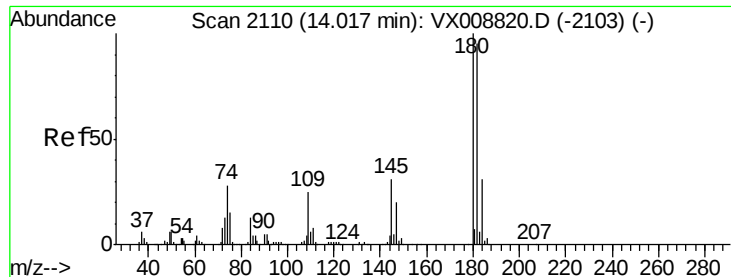
127 13.2 10.4 15.6

129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

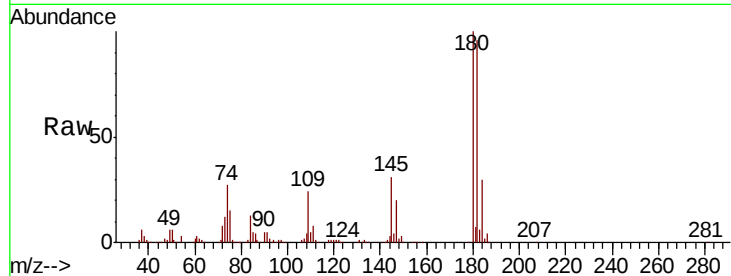




#96
 1,2,3-Trichlorobenzene
 Concen: 48.319 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX008859.D
 Acq: 11 Apr 2019 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW139-190409MSD

Tgt Ion:	180	Resp:	128272
Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.1	144.3
145	31.4	16.3	48.8



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

