

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071019\
 Data File : VX010786.D
 Acq On : 10 Jul 2019 18:43
 Operator : JC/SP
 Sample : K3732-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-SW-190709MSD

Quant Time: Jul 11 01:17:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	190372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	288007	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	268079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145626	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	96841	54.25	ug/l	0.00
Spiked Amount			Recovery	=	108.50%	
35) Dibromofluoromethane	5.50	113	91856	52.13	ug/l	0.00
Spiked Amount			Recovery	=	104.26%	
50) Toluene-d8	8.71	98	335693	49.79	ug/l	0.00
Spiked Amount			Recovery	=	99.58%	
62) 4-Bromofluorobenzene	11.13	95	127951	52.57	ug/l	0.00
Spiked Amount			Recovery	=	105.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	82355	62.224	ug/l	100
3) Chloromethane	1.32	50	84648	54.925	ug/l	100
4) Vinyl Chloride	1.41	62	93895	55.624	ug/l	100
5) Bromomethane	1.64	94	50900	61.894	ug/l	96
6) Chloroethane	1.71	64	61045	61.296	ug/l	96
7) Trichlorofluoromethane	1.92	101	163099	60.950	ug/l	99
8) Diethyl Ether	2.19	74	57270	59.679	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	91184	56.230	ug/l	98
10) Methyl Iodide	2.51	142	128023	55.318	ug/l	97
11) Tert butyl alcohol	3.05	59	107412	229.976	ug/l	98
12) 1,1-Dichloroethene	2.37	96	93202	56.482	ug/l	99
13) Acrolein	2.29	56	71451	230.611	ug/l	100
14) Allyl chloride	2.73	41	131890	56.299	ug/l	97
15) Acrylonitrile	3.14	53	266200	287.871	ug/l	100
16) Acetone	2.45	43	211000	235.873	ug/l	97
17) Carbon Disulfide	2.57	76	220370	49.779	ug/l	99
18) Methyl Acetate	2.78	43	95003	53.286	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	293446	56.529	ug/l	99
20) Methylene Chloride	2.85	84	102581	55.722	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	97100	54.713	ug/l	98
22) Diisopropyl ether	3.85	45	281519	57.476	ug/l	98
23) Vinyl Acetate	3.81	43	1155741	273.138	ug/l	98
24) 1,1-Dichloroethane	3.70	63	159818	56.449	ug/l	99
25) 2-Butanone	4.67	43	355060	270.585	ug/l	99
26) 2,2-Dichloropropane	4.58	77	114414	46.520	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	113146	55.171	ug/l	100
28) Bromochloromethane	5.01	49	68722	50.768	ug/l	95
29) Tetrahydrofuran	5.13	42	231377	284.673	ug/l	99
30) Chloroform	5.21	83	172307	56.564	ug/l	95
31) Cyclohexane	5.58	56	145475	56.425	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	150608	55.992	ug/l	99
36) 1,1-Dichloropropene	5.80	75	125978	55.044	ug/l	98
37) Ethyl Acetate	4.83	43	125919	53.481	ug/l	99
38) Carbon Tetrachloride	5.79	117	132655	53.526	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	158043	52.534	ug/l	98
40) Benzene	6.14	78	393152	55.138	ug/l	100
41) Methacrylonitrile	5.04	41	74789	57.892	ug/l	96
42) 1,2-Dichloroethane	6.20	62	130828	60.277	ug/l	97
43) Isopropyl Acetate	6.45	43	207525	53.274	ug/l	98
44) Trichloroethene	7.21	130	114240	53.544	ug/l	93
45) 1,2-Dichloropropane	7.51	63	99293	55.145	ug/l	98
46) Dibromomethane	7.66	93	72312	55.974	ug/l	95
47) Bromodichloromethane	7.90	83	129520	54.707	ug/l	100
48) Methyl methacrylate	7.77	41	104642	57.792	ug/l	98
49) 1,4-Dioxane	7.74	88	50542	968.971	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	727373	291.956	ug/l	98
52) Toluene	8.78	92	256350	54.594	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	138540	52.194	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	151829	52.636	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	107724	55.627	ug/l	98
56) Ethyl methacrylate	9.18	69	161751	55.137	ug/l	95
57) 1,3-Dichloropropane	9.37	76	167753	55.804	ug/l	100
59) 2-Hexanone	9.49	43	570507	290.955	ug/l	98
60) Dibromochloromethane	9.58	129	116378	53.673	ug/l	99
61) 1,2-Dibromoethane	9.67	107	115721	55.362	ug/l	99
64) Tetrachloroethene	9.34	164	107067	49.378	ug/l	98
65) Chlorobenzene	10.13	112	290170	53.315	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	105096	53.013	ug/l	99
67) Ethyl Benzene	10.25	91	502447	54.684	ug/l	99
68) m/p-Xylenes	10.36	106	391071	109.846	ug/l	99
69) o-Xylene	10.69	106	189783	54.206	ug/l	99
70) Styrene	10.71	104	327413	55.763	ug/l	98
71) Bromoform	10.85	173	87011	50.471	ug/l	100
73) Isopropylbenzene	11.02	105	506695	51.328	ug/l	98
74) N-amyl acetate	10.90	43	190651	51.103	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	172185	52.668	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	184557	69.547	ug/l	80
77) Bromobenzene	11.26	156	139579	50.637	ug/l	98
78) n-propylbenzene	11.36	91	572722	52.788	ug/l	98
79) 2-Chlorotoluene	11.42	91	336316	52.057	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	428289	52.628	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	49174	43.230	ug/l	90
82) 4-Chlorotoluene	11.51	91	395141	53.750	ug/l	99
83) tert-Butylbenzene	11.77	119	423337	51.829	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	437022	53.451	ug/l	99
85) sec-Butylbenzene	11.94	105	501879	52.332	ug/l	100
86) p-Isopropyltoluene	12.06	119	467257	52.674	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	249141	51.780	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	248301	50.690	ug/l	99
89) n-Butylbenzene	12.38	91	400183	53.089	ug/l	99
90) Hexachloroethane	12.60	117	72415	47.211	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	249052	52.080	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35560	50.450	ug/l	92
93) 1,2,4-Trichlorobenzene	13.65	180	164639	49.645	ug/l	100

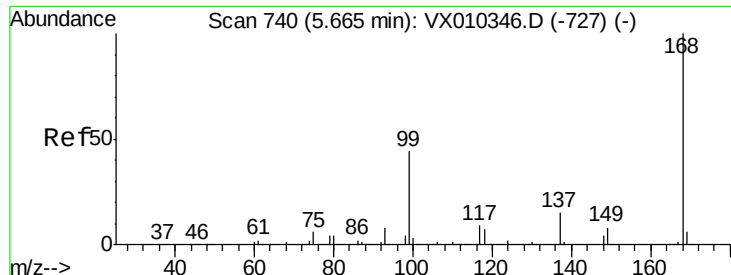
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071019\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	79078	48.790	ug/l	100
95) Naphthalene	13.83	128	517183	50.748	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	170091	51.586	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

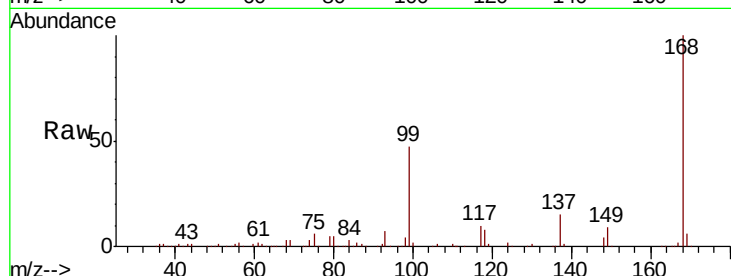
KY030LC068-SW-190709MSD

Tot Ion:168 Resp: 190372

Ion Ratio Lower Upper

168 100

99 46.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

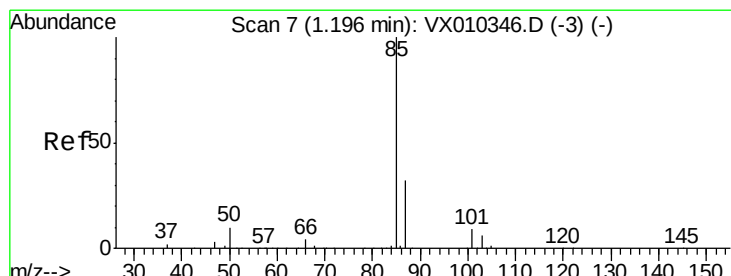
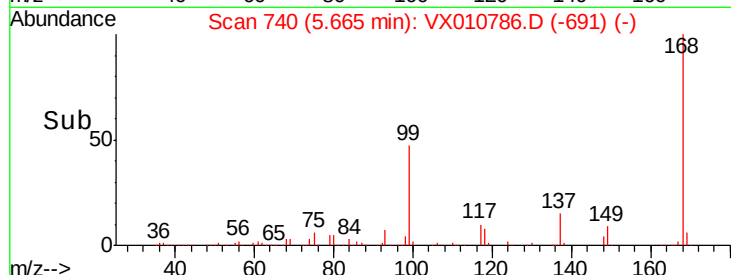
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 62.224 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010786.D

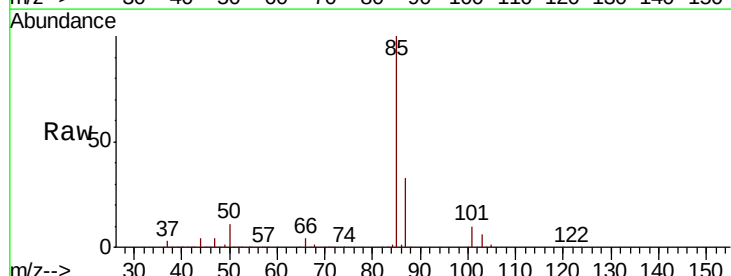
Acq: 10 Jul 2019 18:43

Tgt Ion: 85 Resp: 82355

Ion Ratio Lower Upper

85 100

87 32.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

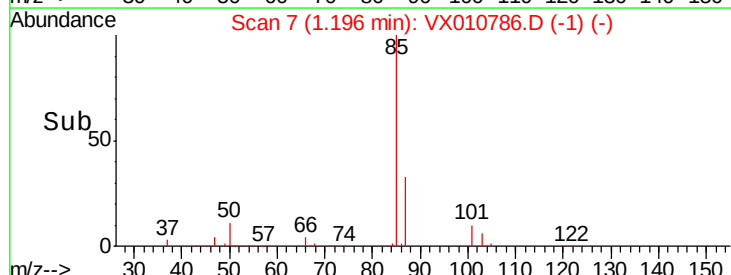
40000

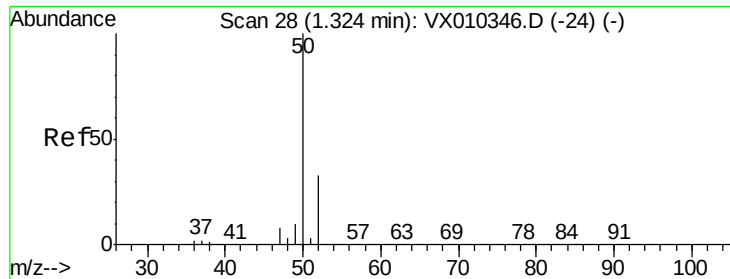
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 54.925 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

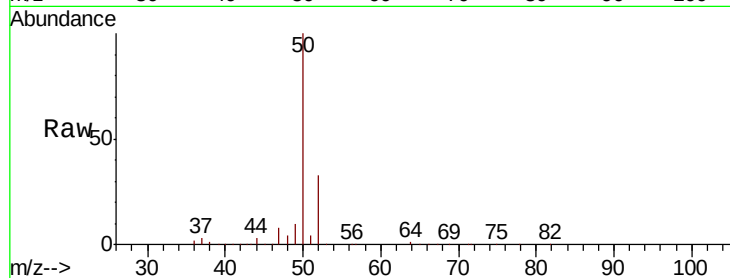
KY030LC068-SW-190709MSD

Tot Ion: 50 Resp: 84648

Ion Ratio Lower Upper

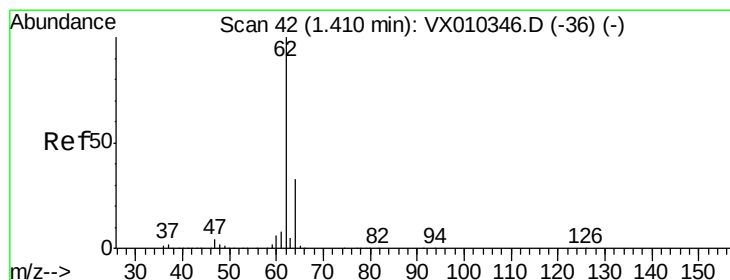
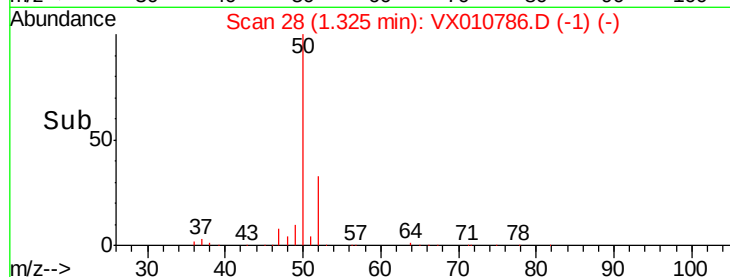
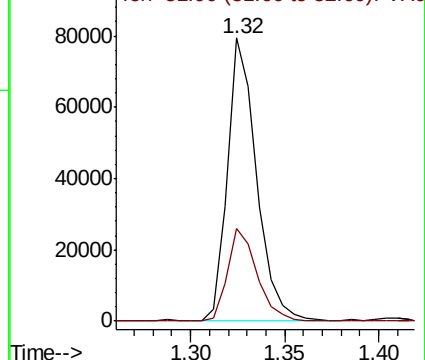
50 100

52 32.8 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 55.624 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010786.D

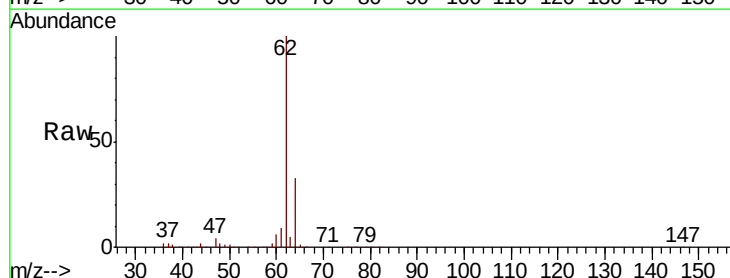
Acq: 10 Jul 2019 18:43

Tgt Ion: 62 Resp: 93895

Ion Ratio Lower Upper

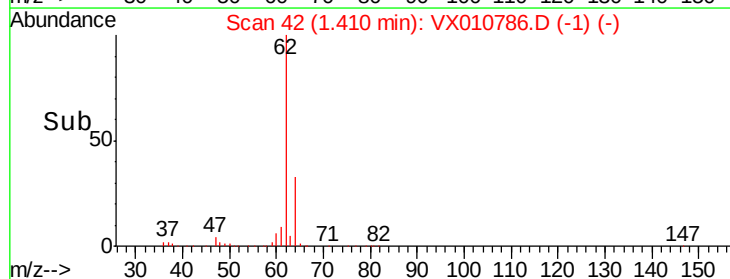
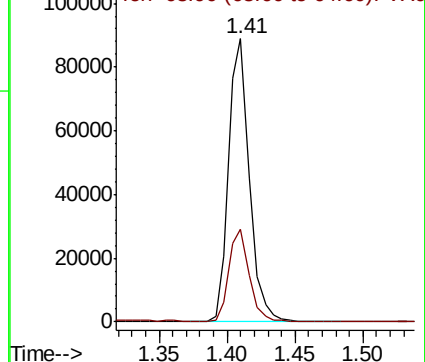
62 100

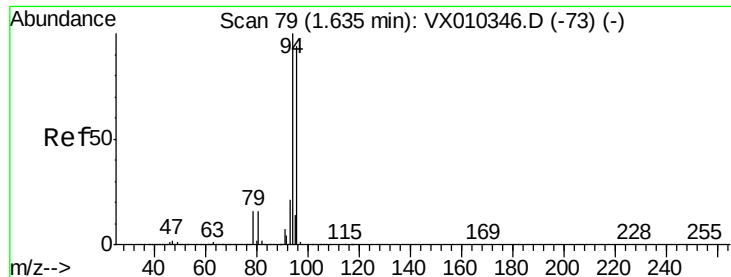
64 32.6 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 61.894 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

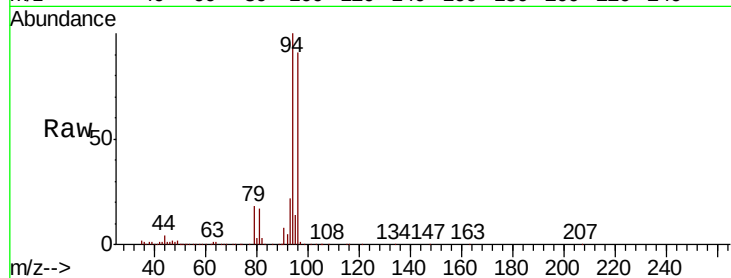
KY030LC068-SW-190709MSD

Tot Ion: 94 Resp: 50900

Ion Ratio Lower Upper

94 100

96 90.6 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

60000

50000

40000

30000

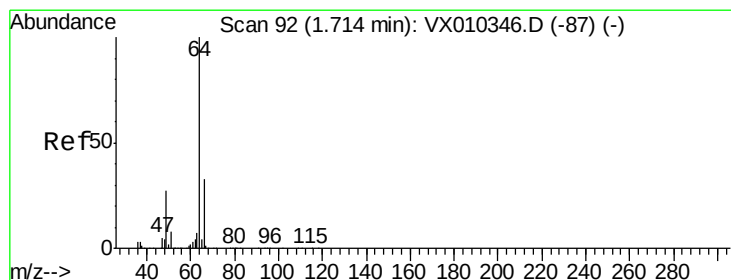
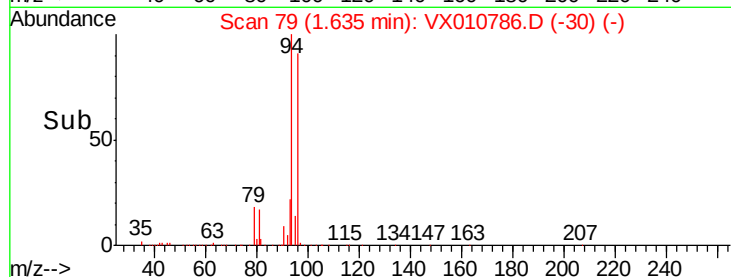
20000

10000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 61.296 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010786.D

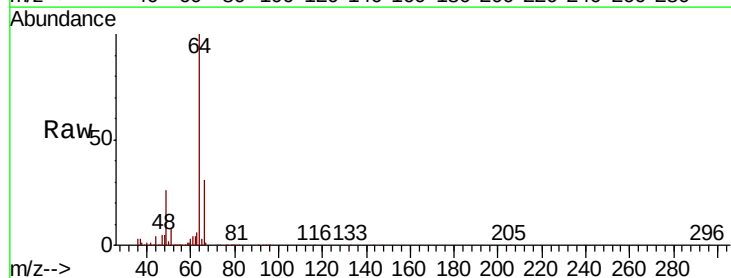
Acq: 10 Jul 2019 18:43

Tgt Ion: 64 Resp: 61045

Ion Ratio Lower Upper

64 100

66 31.2 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

50000

40000

30000

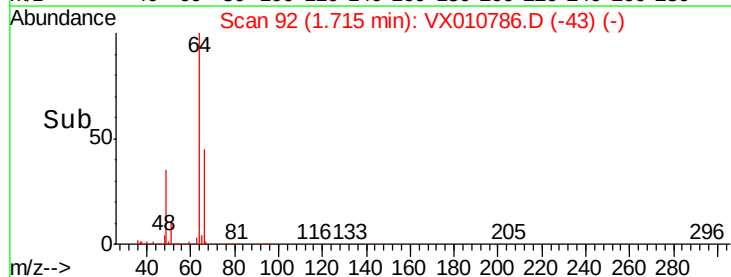
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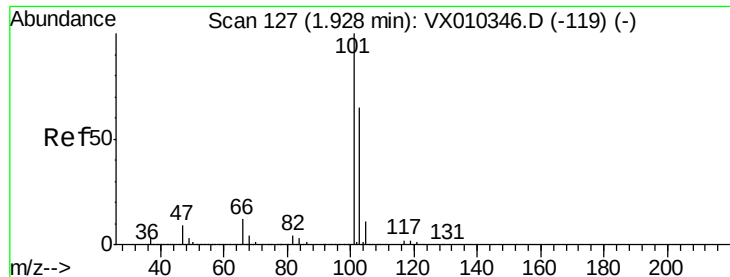
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0

Time-->

1.60 1.65 1.70 1.75 1.80



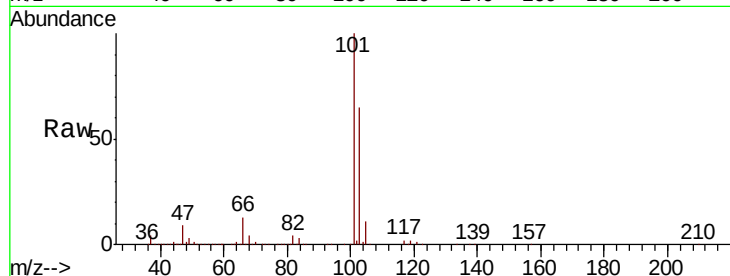


#7

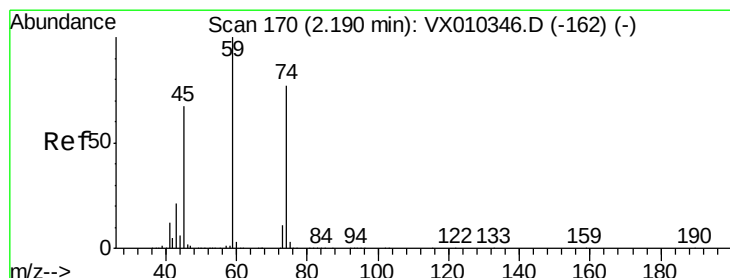
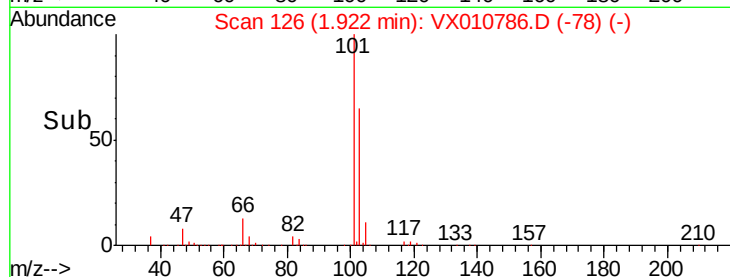
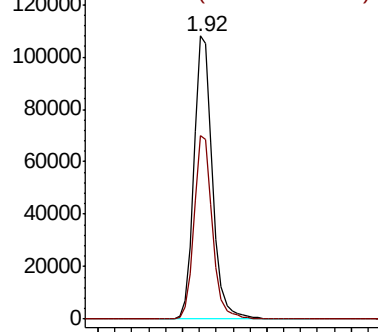
Trichlorofluoromethane
Concen: 60.950 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010786.D
Acq: 10 Jul 2019 18:43

Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-SW-190709MSD

Tot Ion:101 Resp: 163099
Ion Ratio Lower Upper
101 100
103 64.8 52.3 78.5



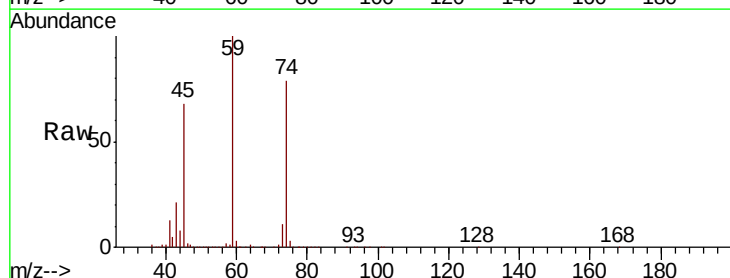
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



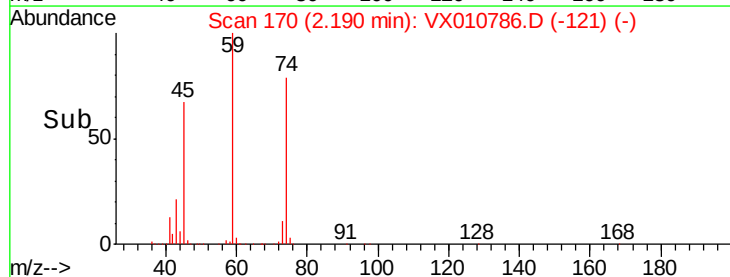
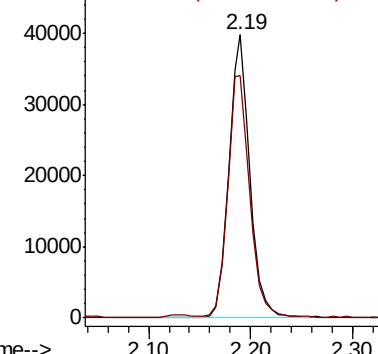
#8

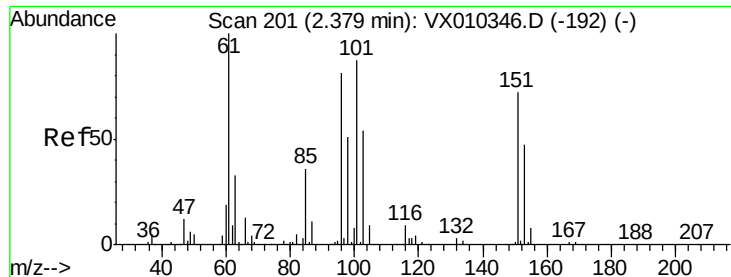
Diethyl Ether
Concen: 59.679 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010786.D
Acq: 10 Jul 2019 18:43

Tgt Ion: 74 Resp: 57270
Ion Ratio Lower Upper
74 100
45 89.7 44.8 134.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.230 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-SW-190709MSD

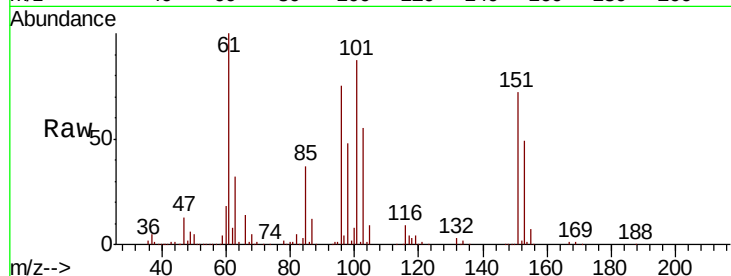
Tot Ion:101 Resp: 91184

Ion Ratio Lower Upper

101 100

85 42.5 33.7 50.5

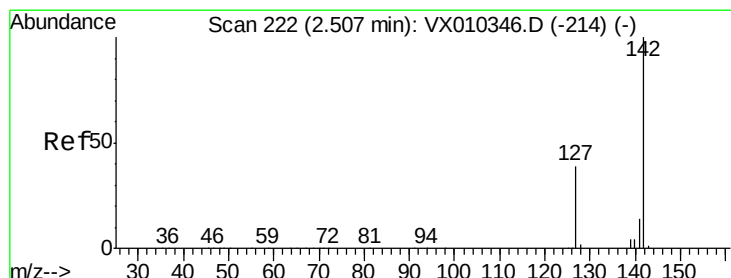
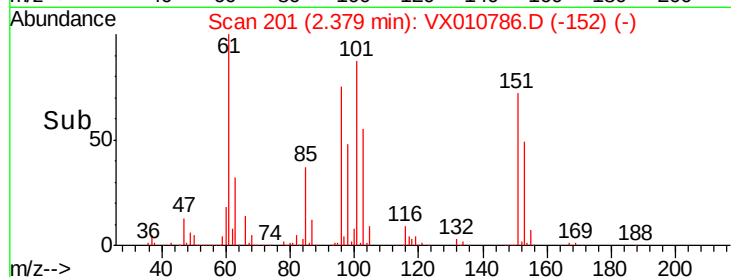
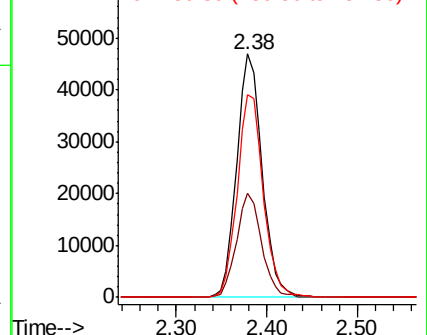
151 85.5 70.1 105.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.318 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

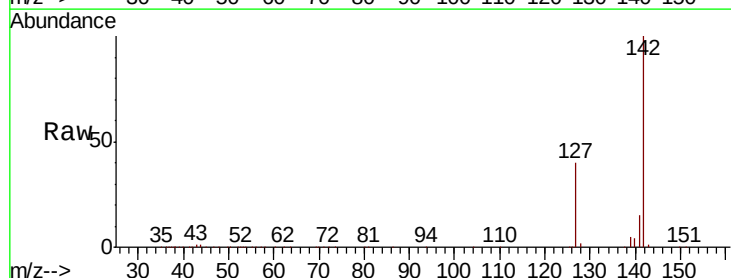
Tgt Ion:142 Resp: 128023

Ion Ratio Lower Upper

142 100

127 41.0 31.1 46.7

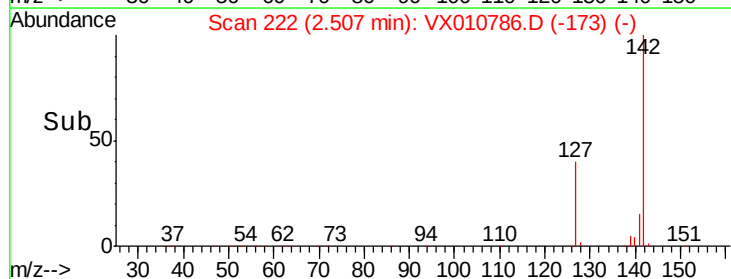
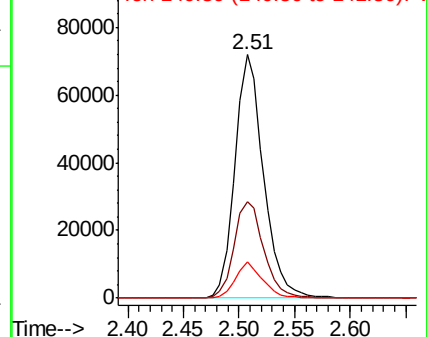
141 14.1 11.2 16.8

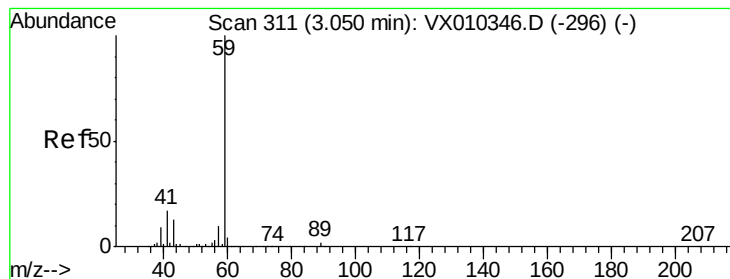


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



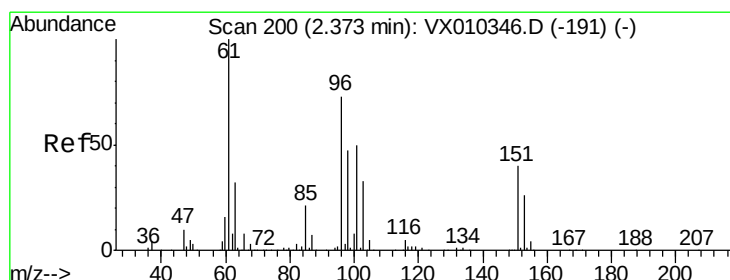
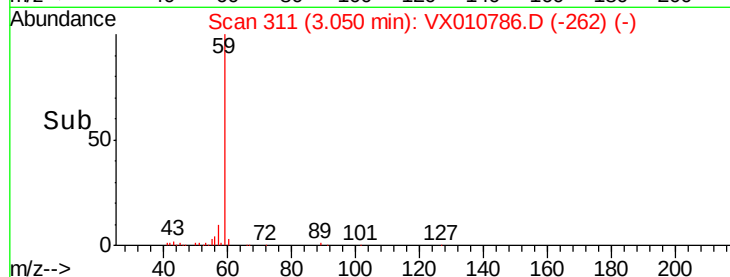
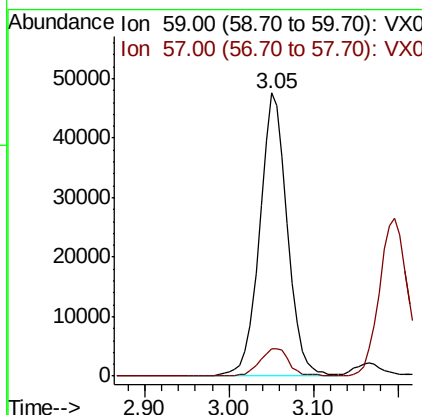
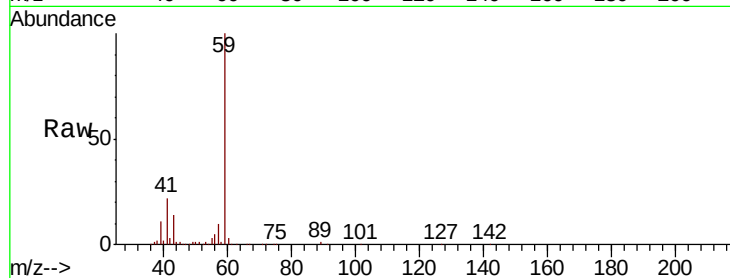


#11

Tert butyl alcohol
Concen: 229.976 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010786.D
Acq: 10 Jul 2019 18:43

Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-SW-190709MSD

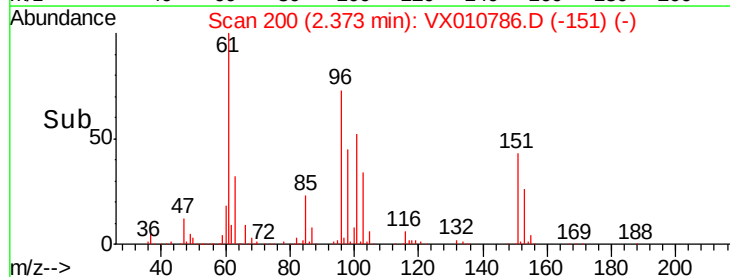
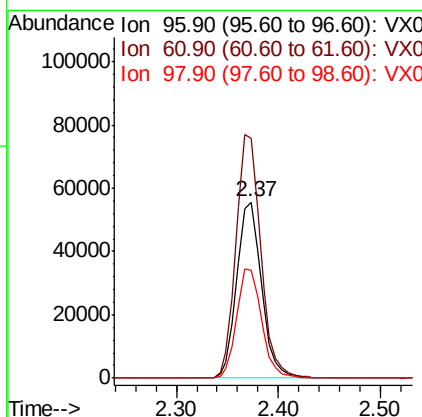
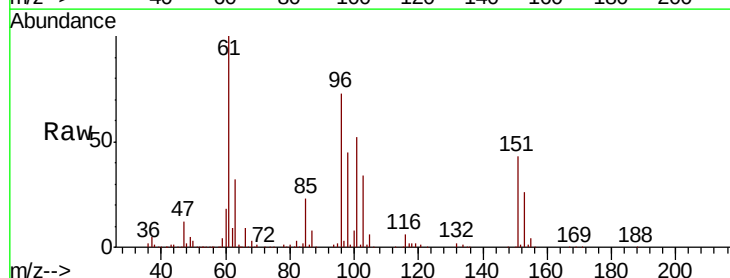
Tot Ion: 59 Resp: 107412
Ion Ratio Lower Upper
59 100
57 10.5 7.7 11.5

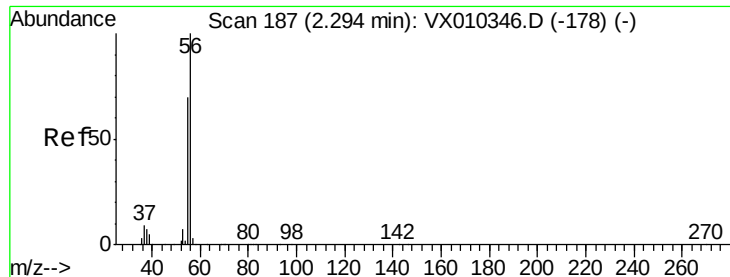


#12

1,1-Dichloroethene
Concen: 56.482 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010786.D
Acq: 10 Jul 2019 18:43

Tgt Ion: 96 Resp: 93202
Ion Ratio Lower Upper
96 100
61 136.5 109.2 163.8
98 61.6 51.1 76.7





#13

Acrolein

Concen: 230.611 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

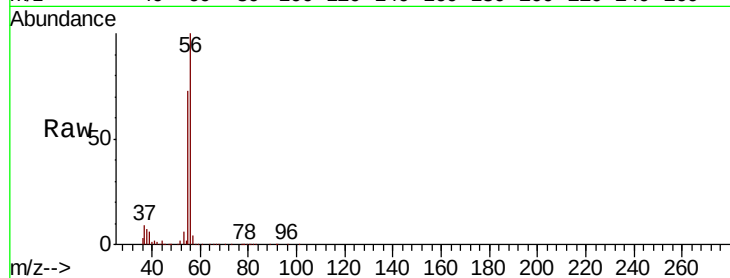
KY030LC068-SW-190709MSD

Tot Ion: 56 Resp: 71451

Ion Ratio Lower Upper

56 100

55 70.8 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

50000

40000

30000

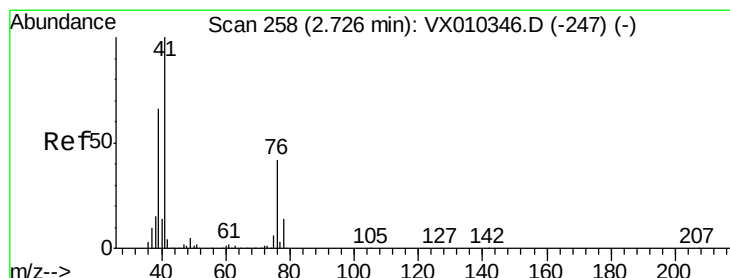
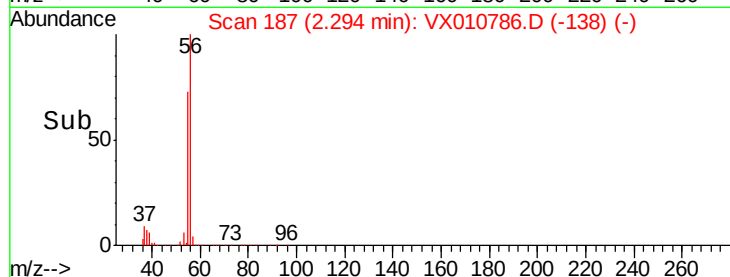
20000

10000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 56.299 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

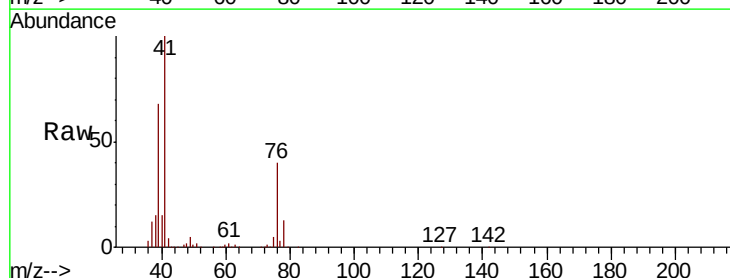
Tgt Ion: 41 Resp: 131890

Ion Ratio Lower Upper

41 100

39 64.8 50.3 75.5

76 37.5 31.3 46.9



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

80000

60000

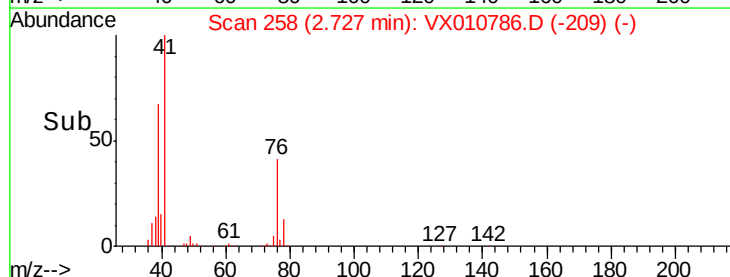
40000

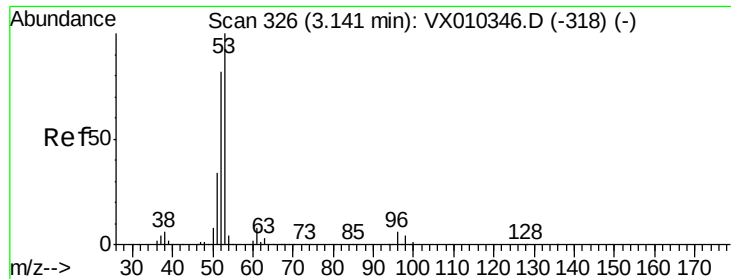
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 287.871 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-SW-190709MSD

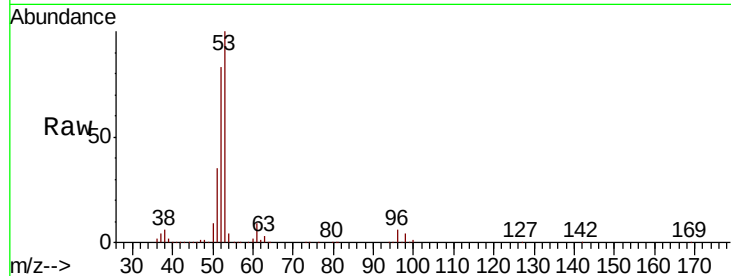
Tot Ion: 53 Resp: 266200

Ion Ratio Lower Upper

53 100

52 82.2 65.5 98.3

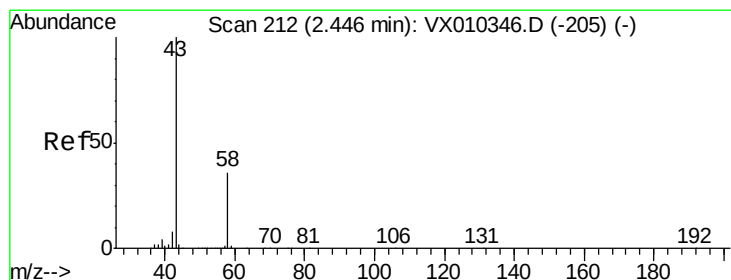
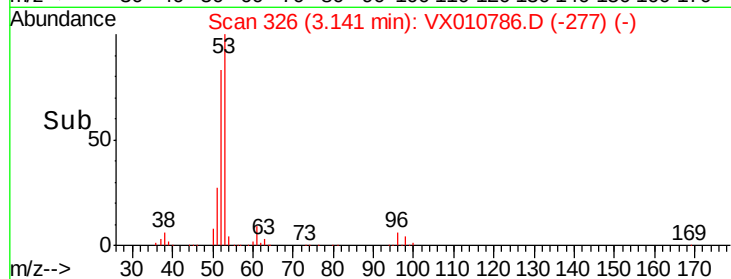
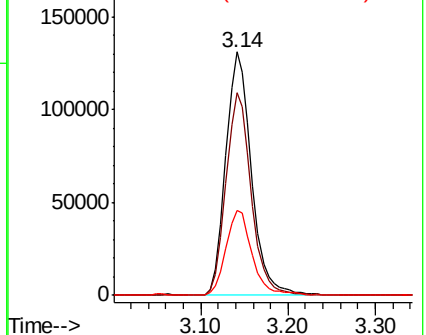
51 35.5 28.2 42.4



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: 235.873 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010786.D

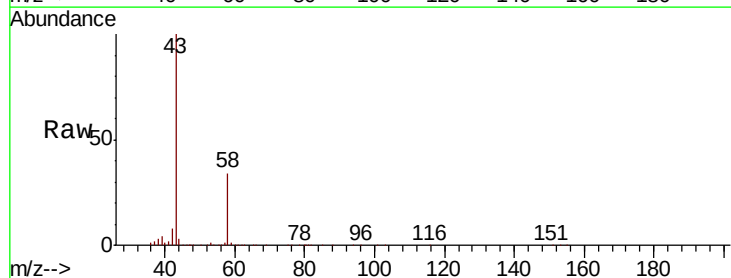
Acq: 10 Jul 2019 18:43

Tgt Ion: 43 Resp: 211000

Ion Ratio Lower Upper

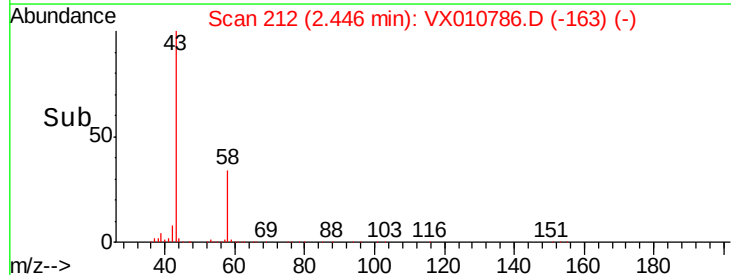
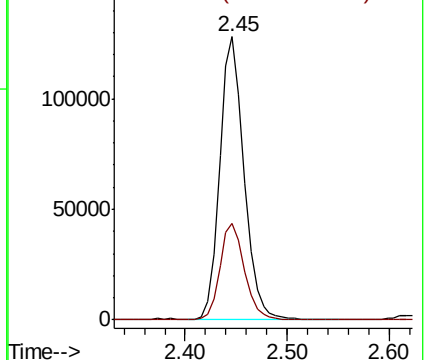
43 100

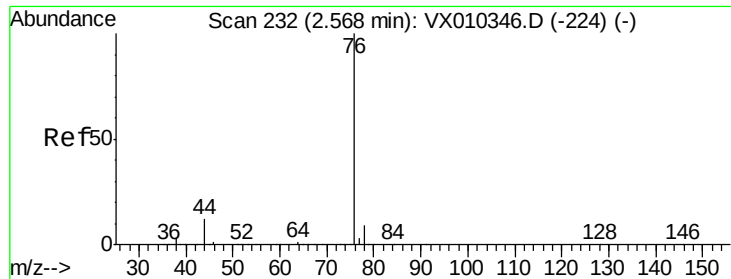
58 34.3 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 49.779 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

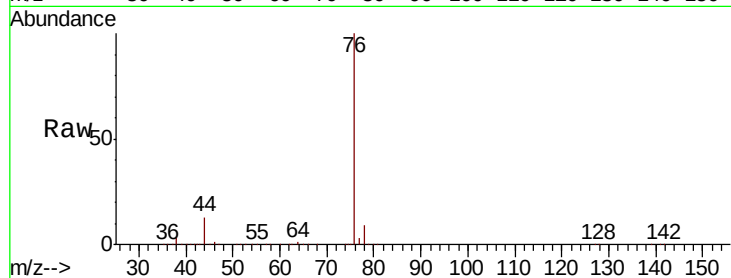
KY030LC068-SW-190709MSD

Tot Ion: 76 Resp: 220370

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

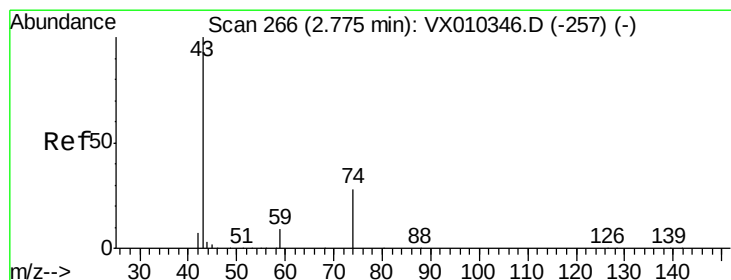
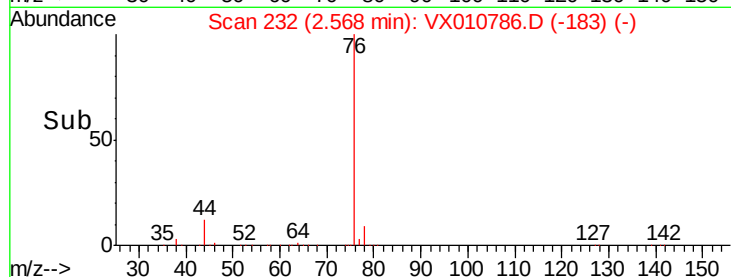
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 53.286 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010786.D

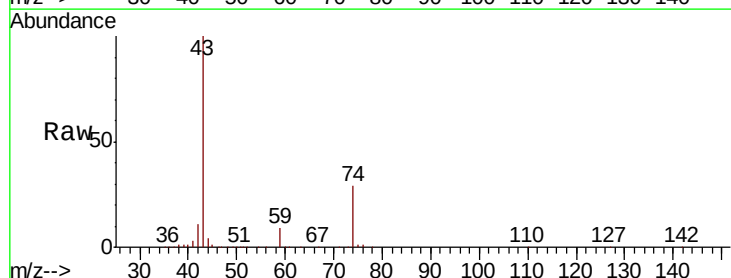
Acq: 10 Jul 2019 18:43

Tgt Ion: 43 Resp: 95003

Ion Ratio Lower Upper

43 100

74 27.4 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

60000

50000

40000

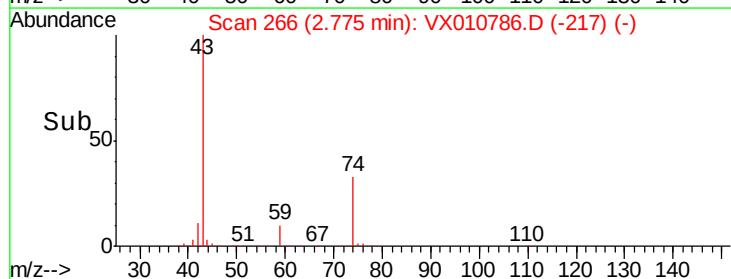
30000

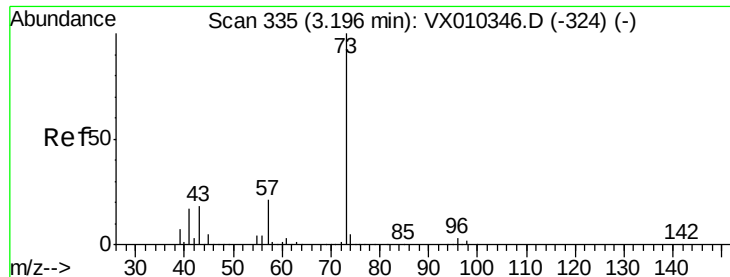
20000

10000

0

Time-->

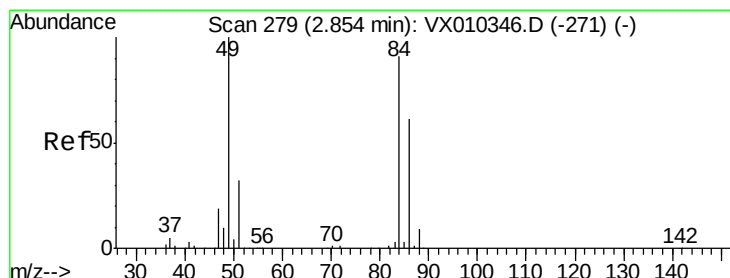
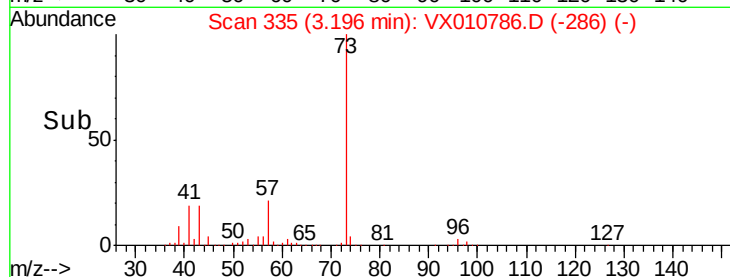
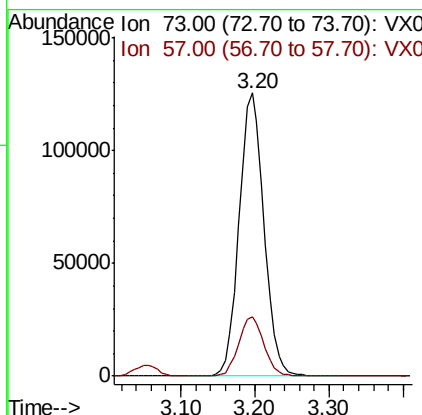
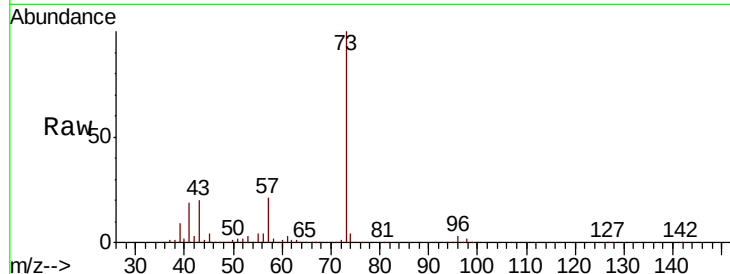




#19
Methyl tert-butyl Ether
Concen: 56.529 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010786.D
Acq: 10 Jul 2019 18:43

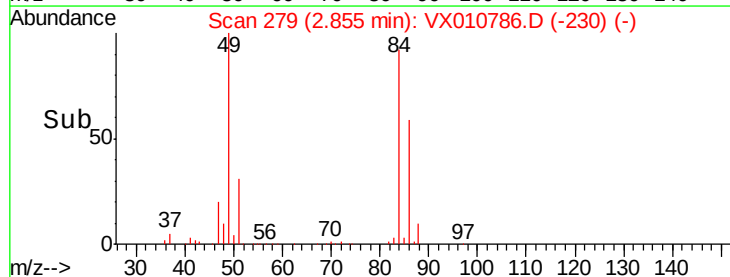
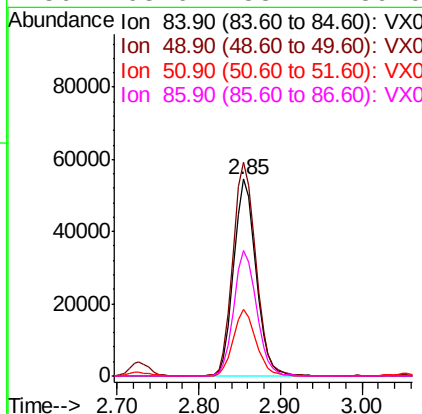
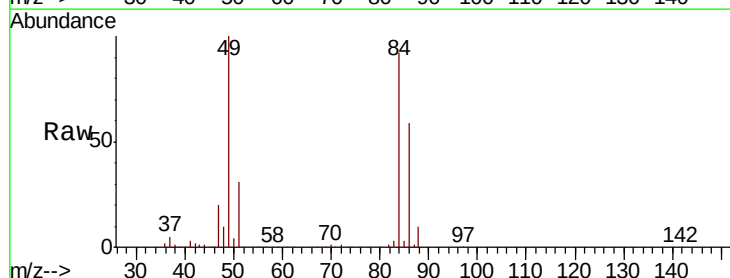
Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-SW-190709MSD

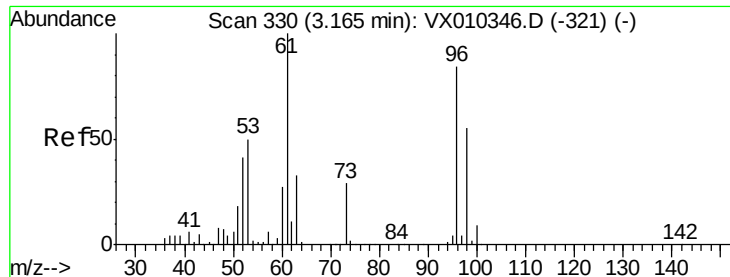
Tot Ion: 73 Resp: 293446
Ion Ratio Lower Upper
73 100
57 21.1 16.4 24.6



#20
Methylene Chloride
Concen: 55.722 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010786.D
Acq: 10 Jul 2019 18:43

Tgt Ion: 84 Resp: 102581
Ion Ratio Lower Upper
84 100
49 108.2 87.5 131.3
51 34.1 27.7 41.5
86 63.6 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 54.713 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-SW-190709MSD

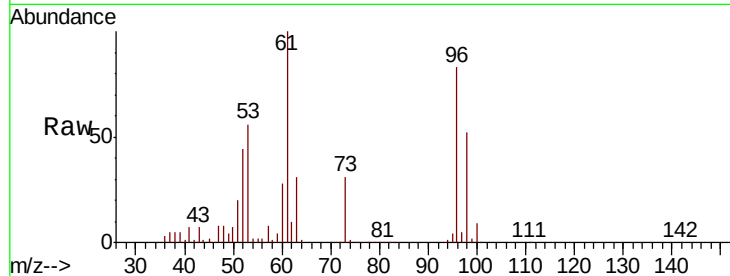
Tot Ion: 96 Resp: 97100

Ion Ratio Lower Upper

96 100

61 121.0 95.6 143.4

98 62.8 52.5 78.7

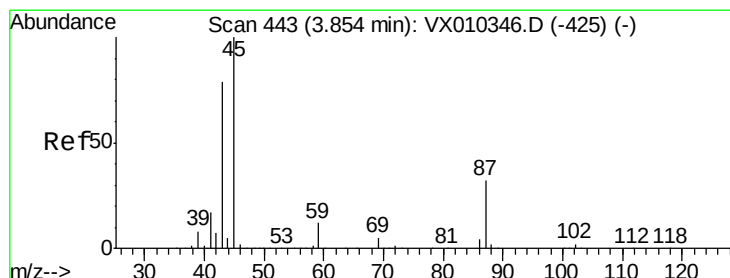
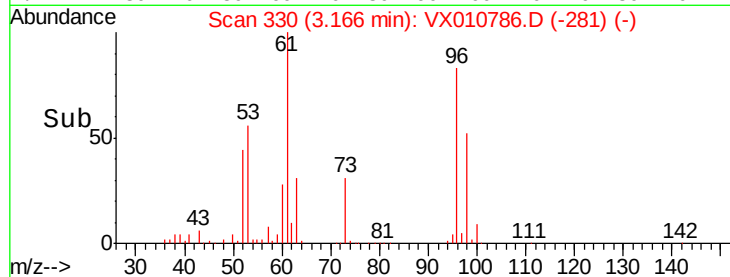
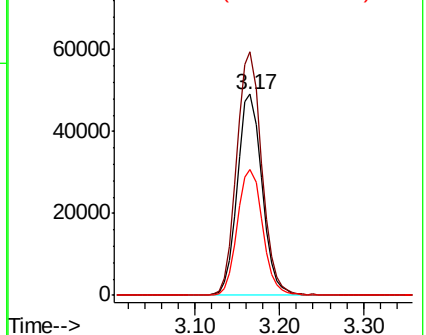


Abundance

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: 57.476 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

Tgt Ion: 45 Resp: 281519

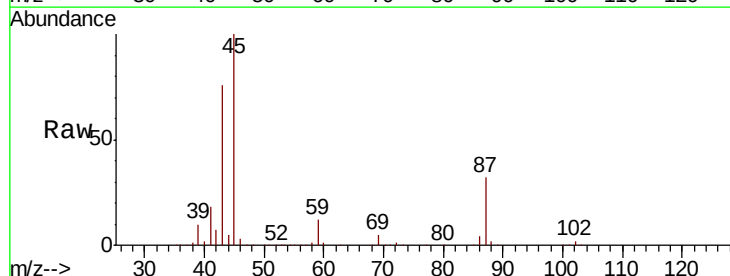
Ion Ratio Lower Upper

45 100

43 76.1 63.3 94.9

87 31.9 25.8 38.8

59 11.9 9.6 14.4



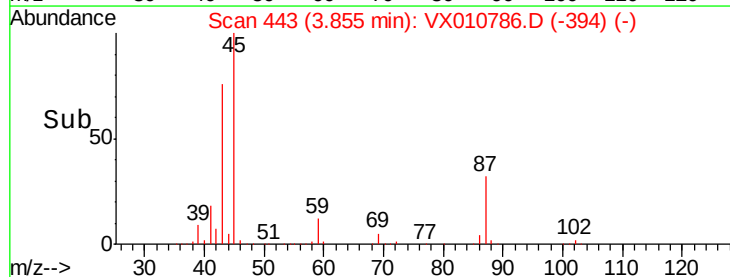
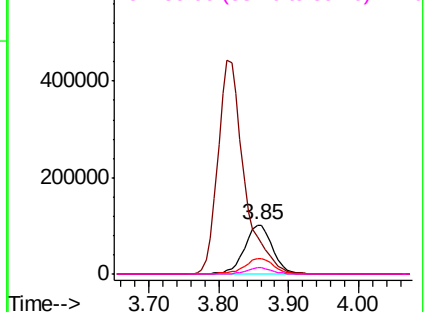
Abundance

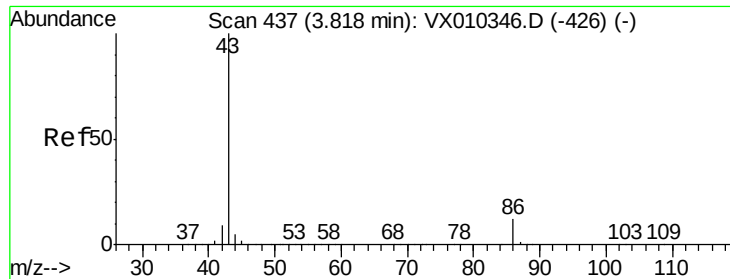
Ion 45.00 (44.70 to 45.70): VX0

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: 273.138 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

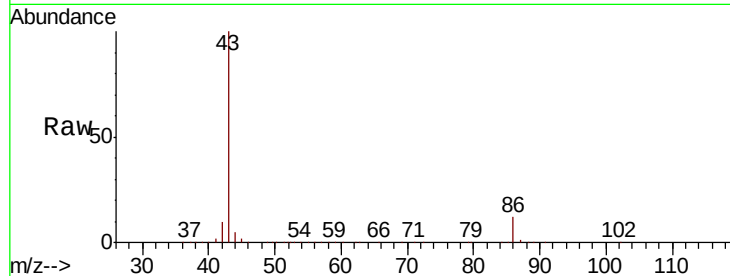
KY030LC068-SW-190709MSD

Tot Ion: 43 Resp: 1155741

Ion Ratio Lower Upper

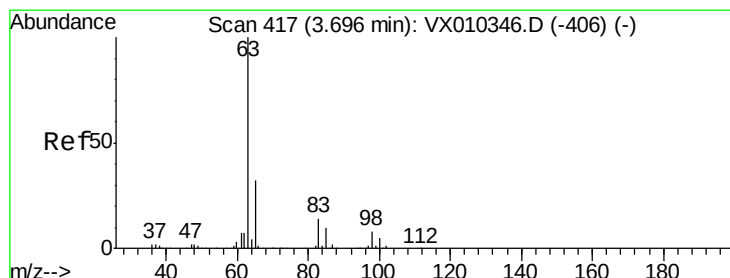
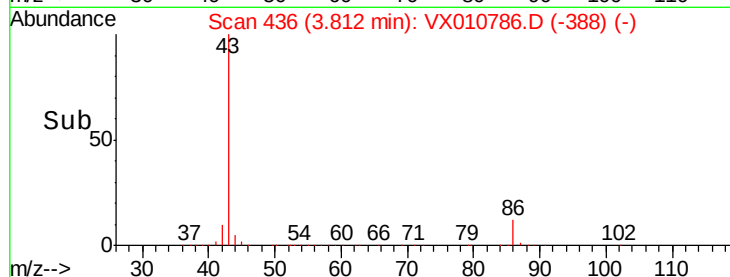
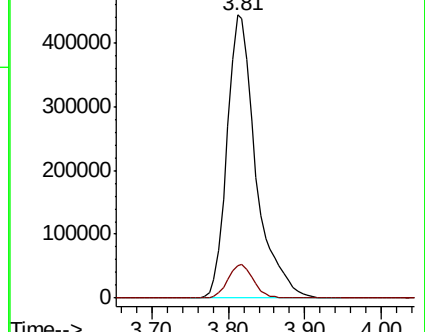
43 100

86 11.7 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 56.449 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

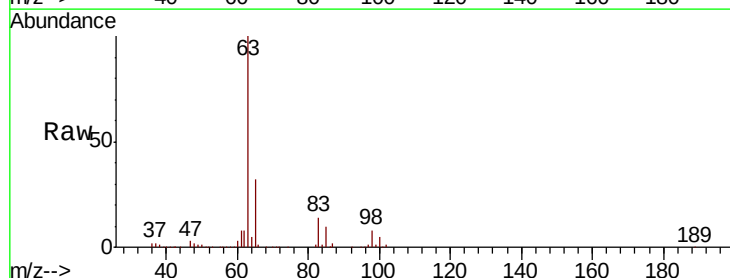
Tgt Ion: 63 Resp: 159818

Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.7

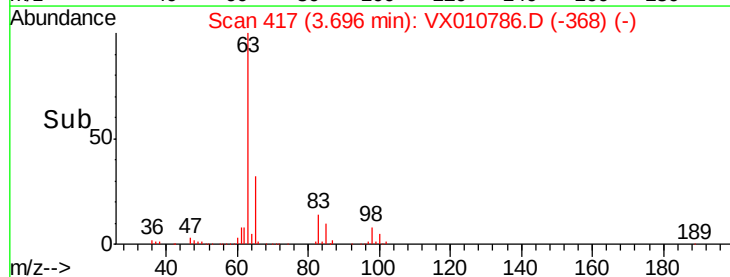
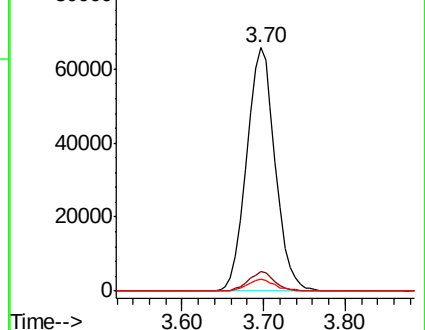
100 5.1 2.4 7.1

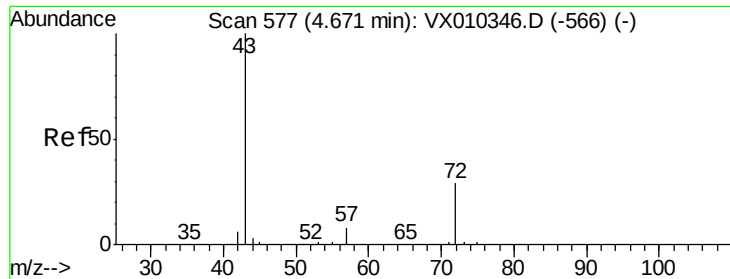


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 270.585 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

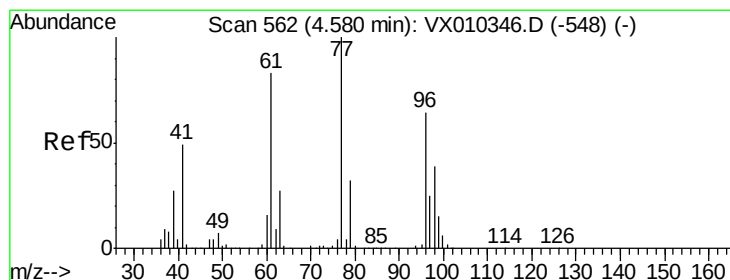
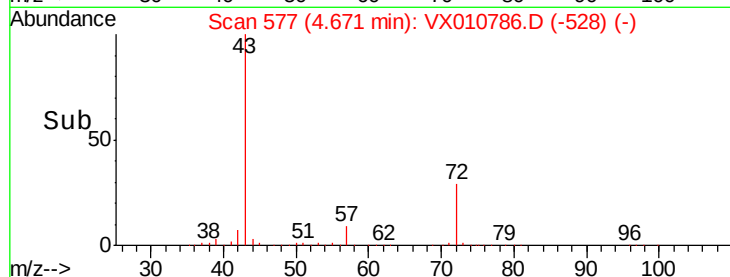
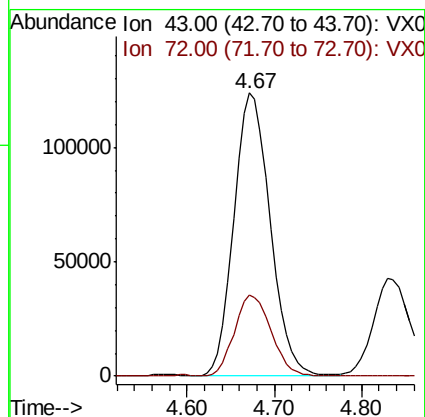
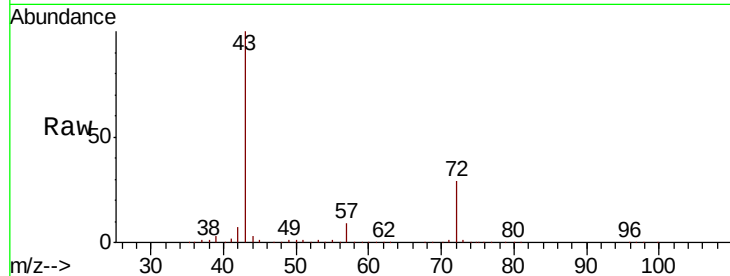
KY030LC068-SW-190709MSD

Tot Ion: 43 Resp: 355060

Ion Ratio Lower Upper

43 100

72 28.6 23.3 34.9



#26

2,2-Dichloropropane

Concen: 46.520 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010786.D

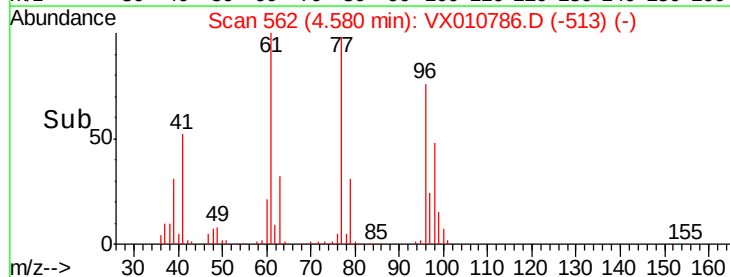
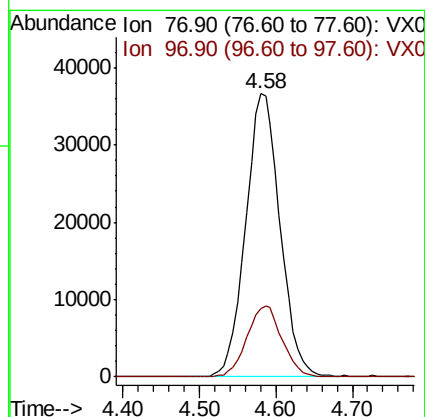
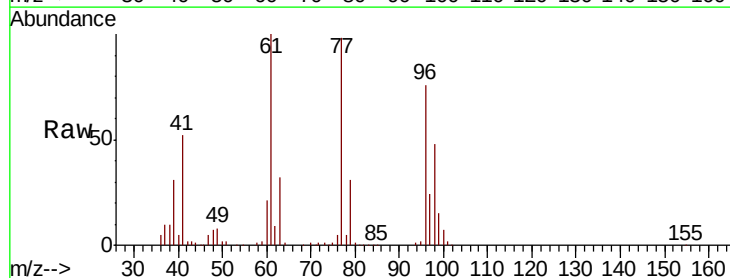
Acq: 10 Jul 2019 18:43

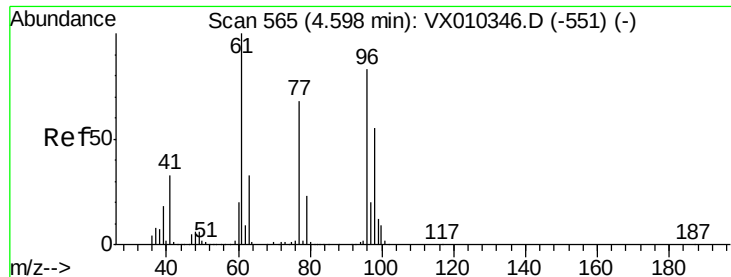
Tgt Ion: 77 Resp: 114414

Ion Ratio Lower Upper

77 100

97 25.6 13.1 39.3



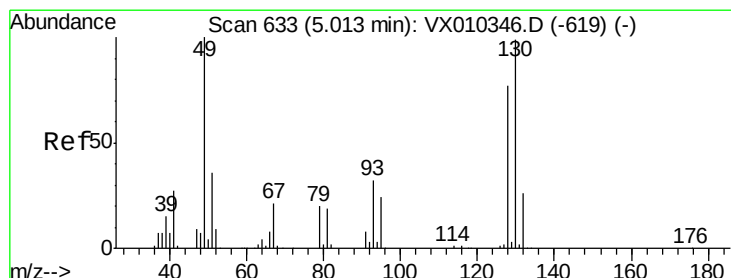
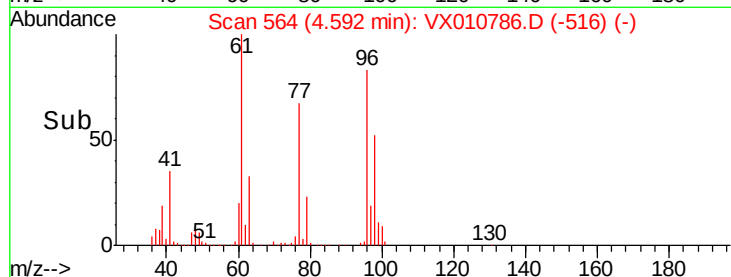
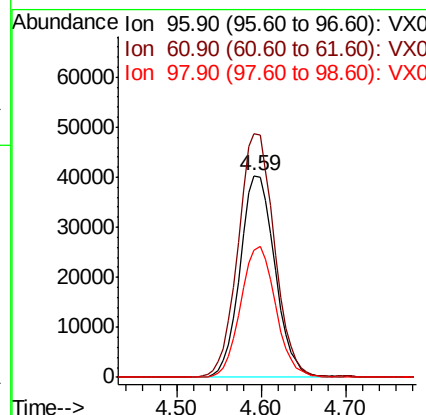
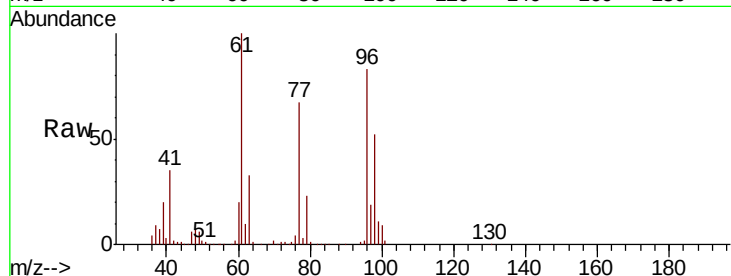


#27

cis-1,2-Dichloroethene
 Concen: 55.171 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010786.D
 Acq: 10 Jul 2019 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-SW-190709MSD

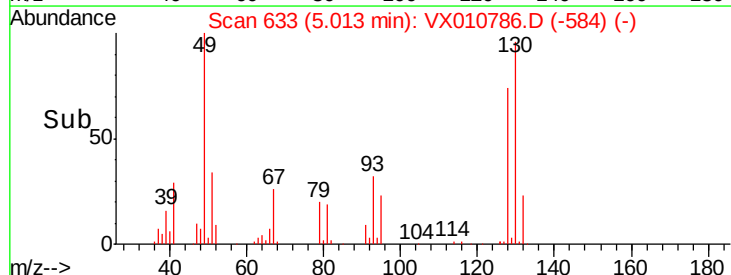
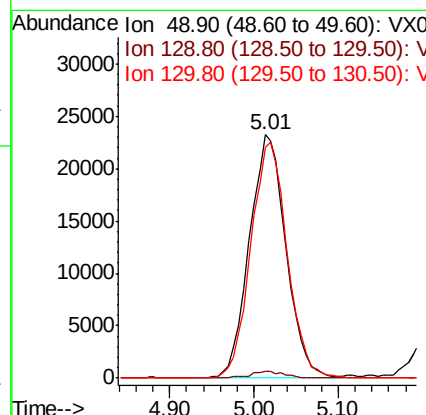
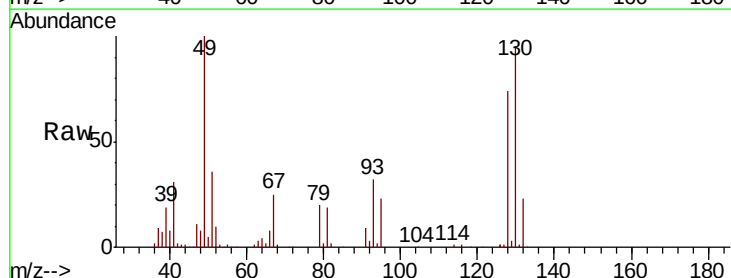
Tot Ion: 96 Resp: 113146
 Ion Ratio Lower Upper
 96 100
 61 126.2 0.0 251.8
 98 65.2 0.0 129.4

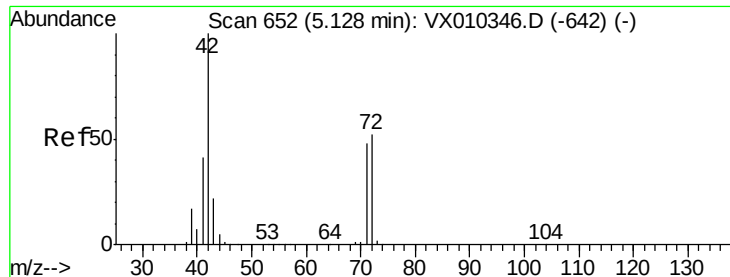


#28

Bromochloromethane
 Concen: 50.768 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010786.D
 Acq: 10 Jul 2019 18:43

Tgt Ion: 49 Resp: 68722
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.6
 130 96.2 81.4 122.0





#29

Tetrahydrofuran

Concen: 284.673 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-SW-190709MSD

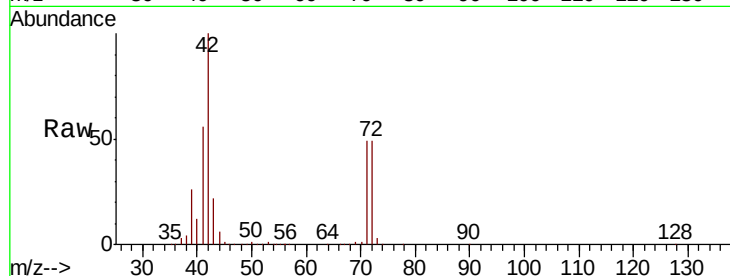
Tot Ion: 42 Resp: 231377

Ion Ratio Lower Upper

42 100

72 49.5 40.6 60.8

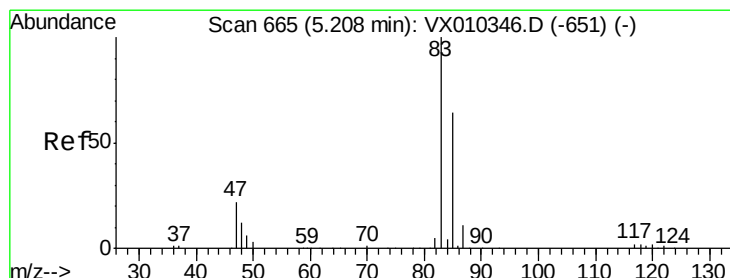
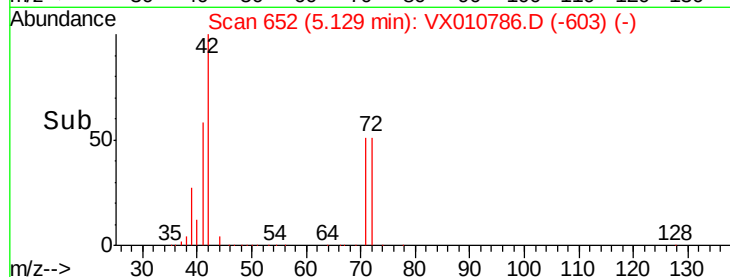
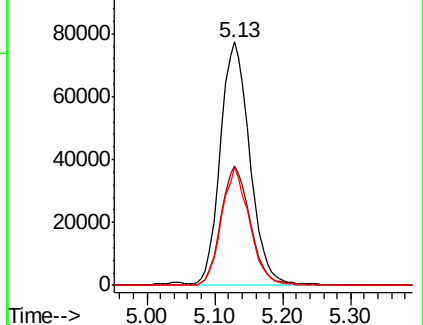
71 46.5 37.8 56.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 56.564 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010786.D

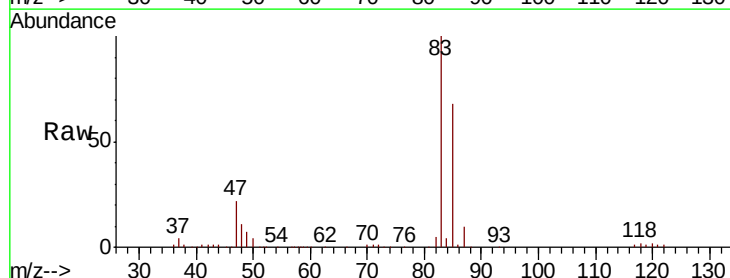
Acq: 10 Jul 2019 18:43

Tgt Ion: 83 Resp: 172307

Ion Ratio Lower Upper

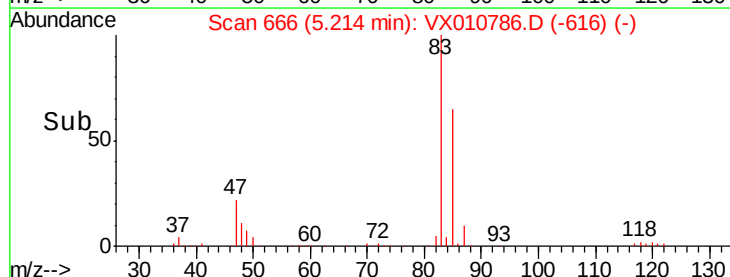
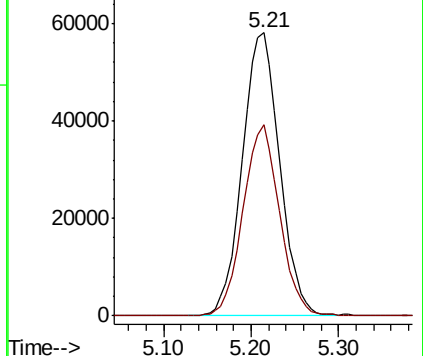
83 100

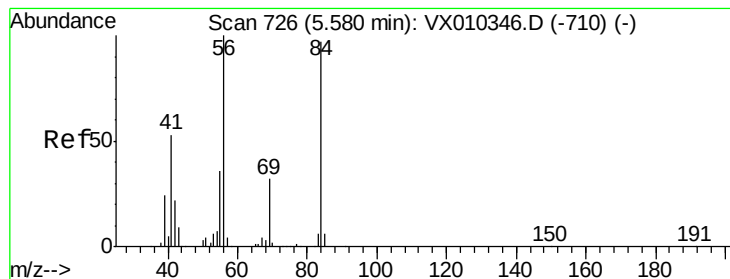
85 67.6 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 56.425 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-SW-190709MSD

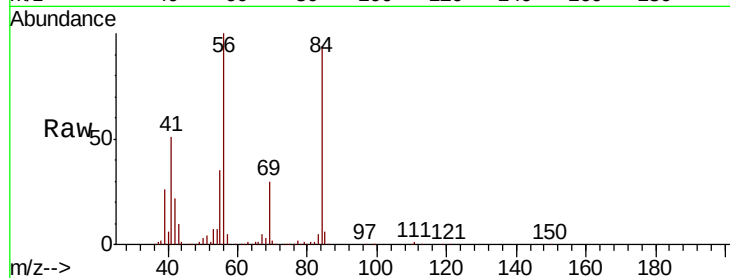
Tot Ion: 56 Resp: 145475

Ion Ratio Lower Upper

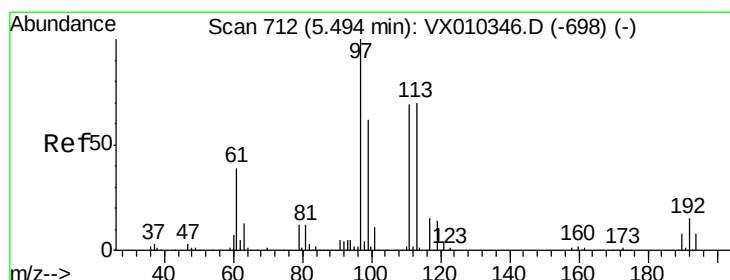
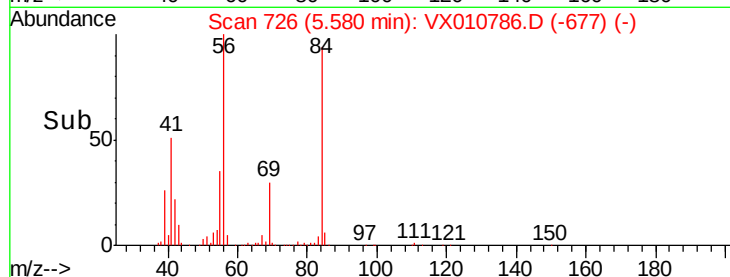
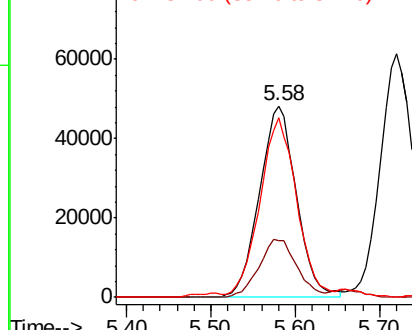
56 100

69 29.8 25.9 38.9

84 92.5 78.0 117.0



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: 55.992 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

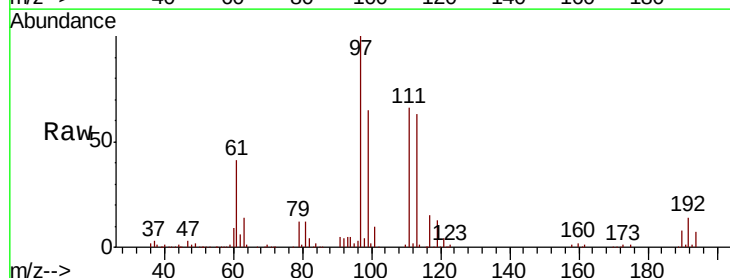
Tgt Ion: 97 Resp: 150608

Ion Ratio Lower Upper

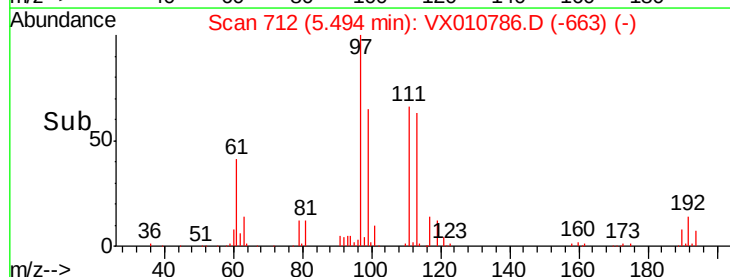
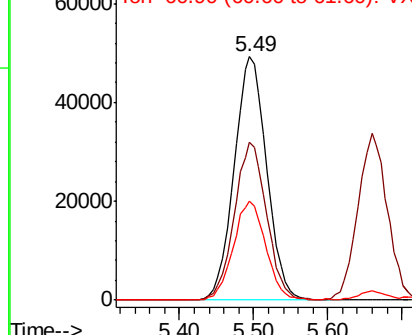
97 100

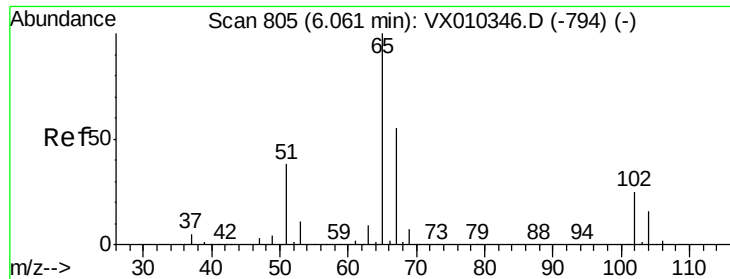
99 64.4 51.8 77.8

61 40.8 32.1 48.1



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

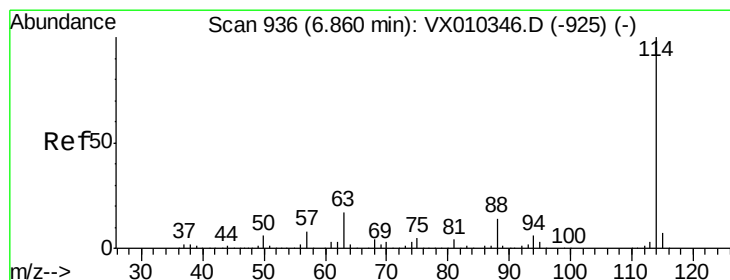
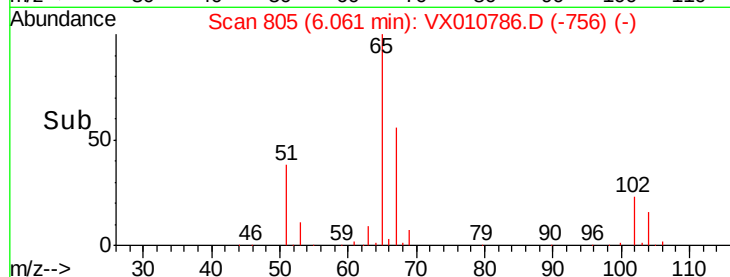
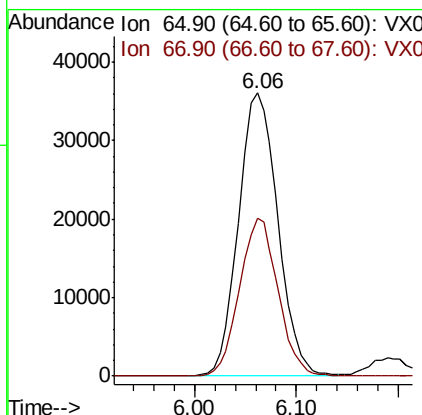
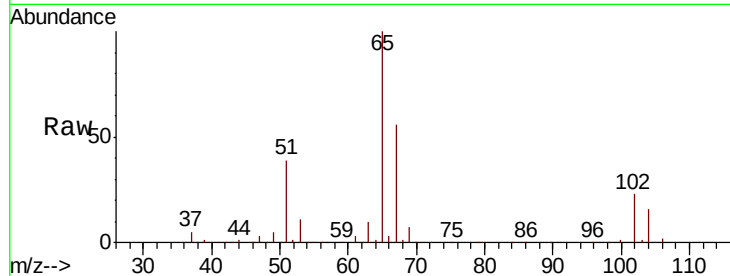




#33
 1,2-Dichloroethane-d4
 Concen: 54.255 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010786.D
 Acq: 10 Jul 2019 18:43

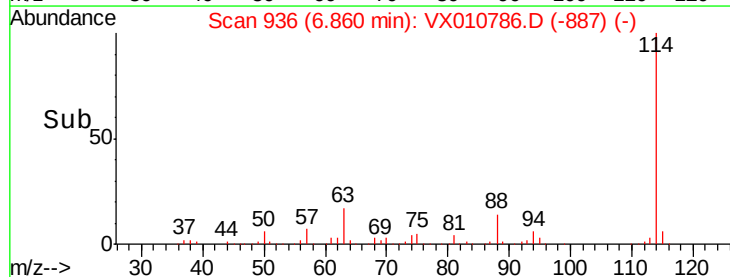
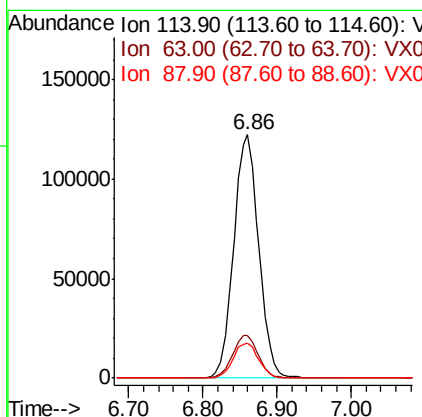
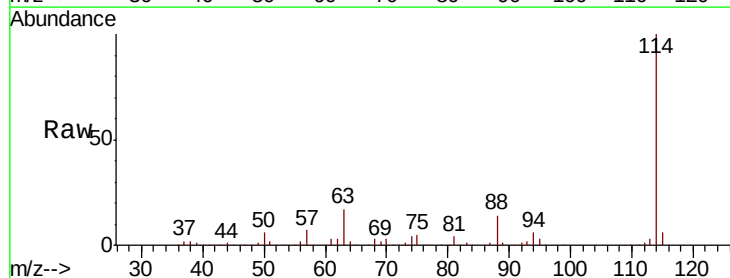
Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-SW-190709MSD

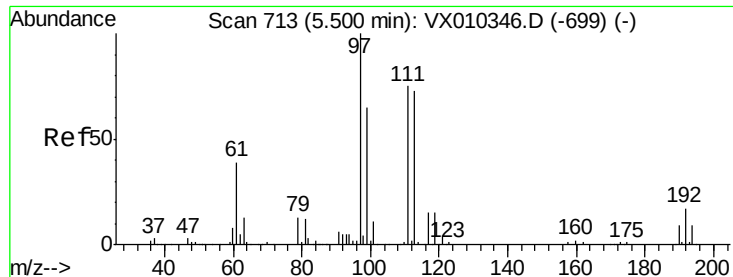
Tot Ion: 65 Resp: 96841
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010786.D
 Acq: 10 Jul 2019 18:43

Tgt Ion: 114 Resp: 288007
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 33.8
 88 14.4 0.0 27.6

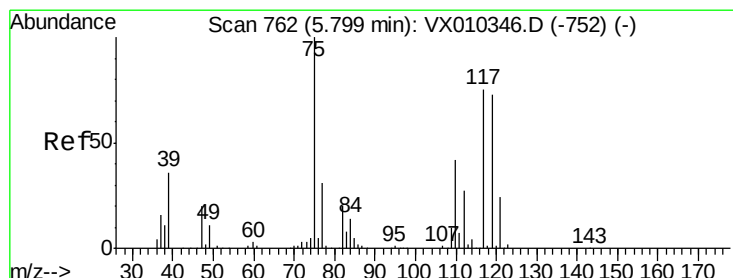
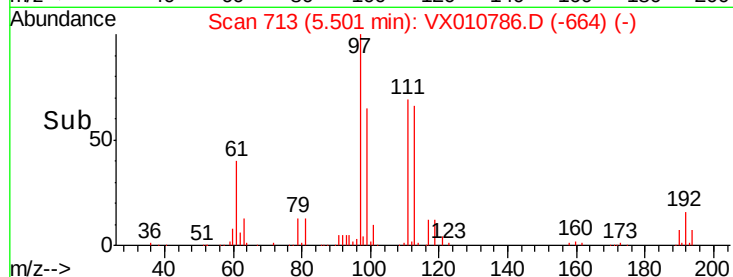
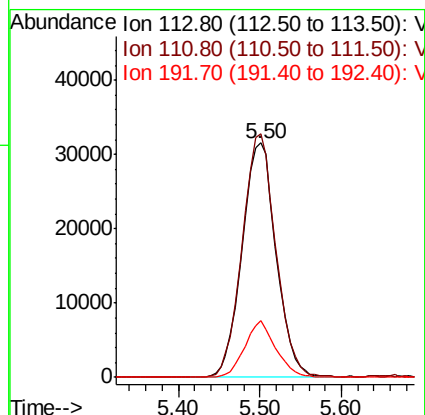
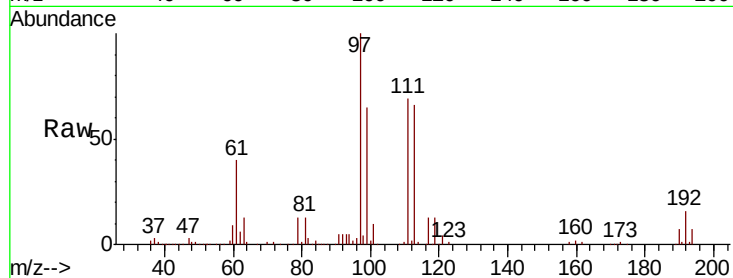




#35
 Dibromofluoromethane
 Concen: 52.128 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010786.D
 Acq: 10 Jul 2019 18:43

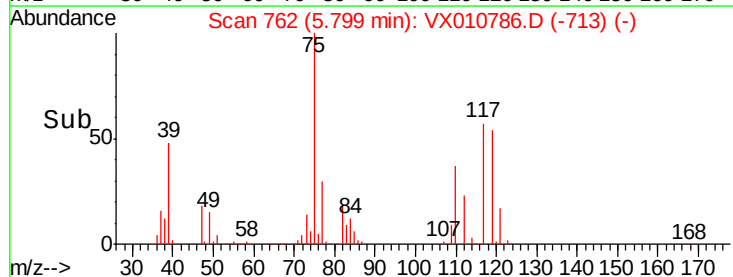
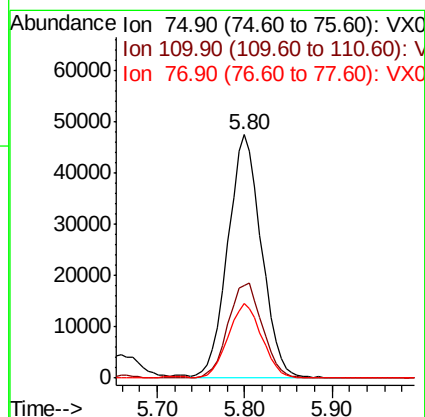
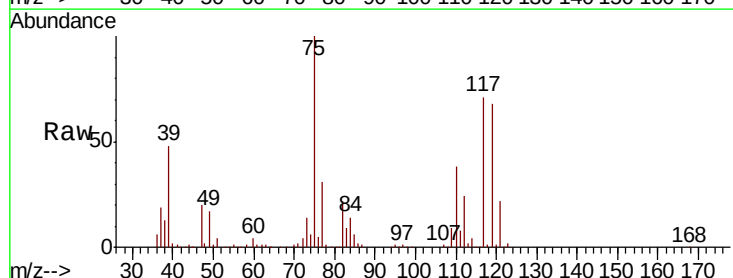
Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-SW-190709MSD

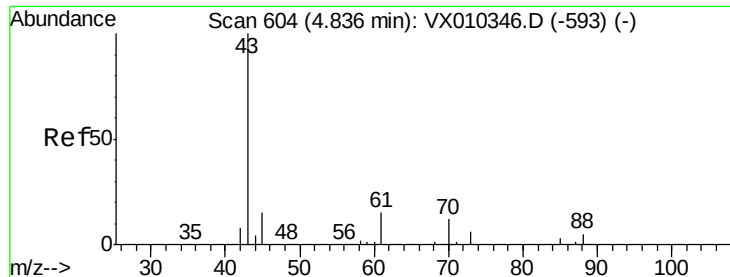
Tot Ion:113 Resp: 91856
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.2 121.8
 192 21.8 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 55.044 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010786.D
 Acq: 10 Jul 2019 18:43

Tgt Ion: 75 Resp: 125978
 Ion Ratio Lower Upper
 75 100
 110 40.1 20.8 62.2
 77 31.2 25.4 38.0





#37

Ethyl Acetate

Concen: 53.481 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-SW-190709MSD

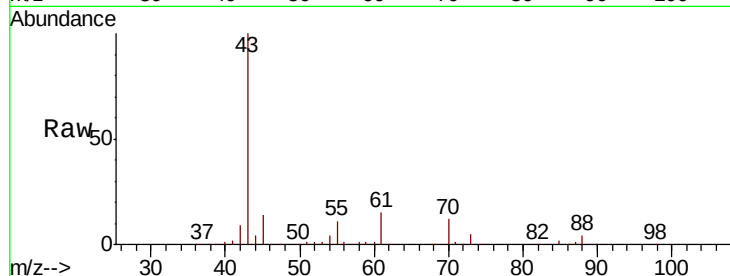
Tot Ion: 43 Resp: 125919

Ion Ratio Lower Upper

43 100

61 14.8 12.4 18.6

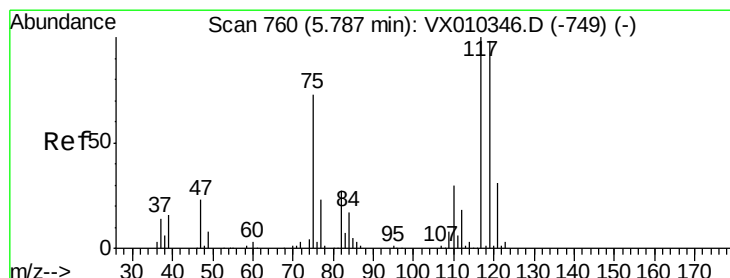
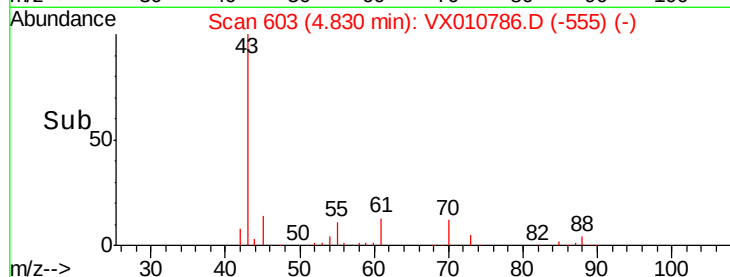
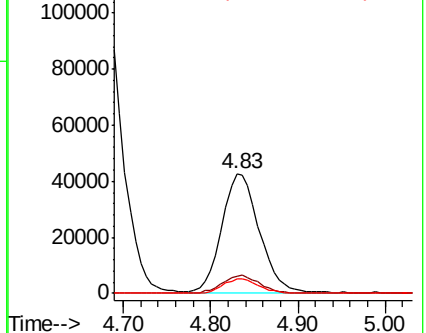
70 11.9 9.8 14.8



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: 53.526 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

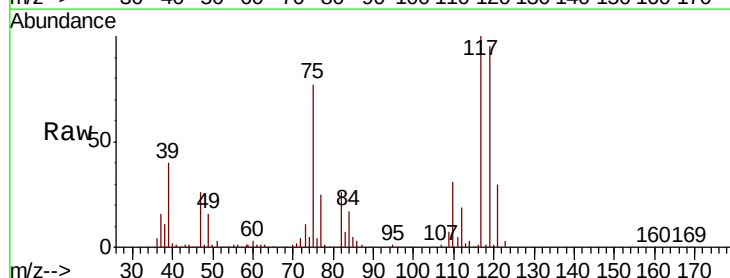
Tgt Ion: 117 Resp: 132655

Ion Ratio Lower Upper

117 100

119 95.0 78.2 117.4

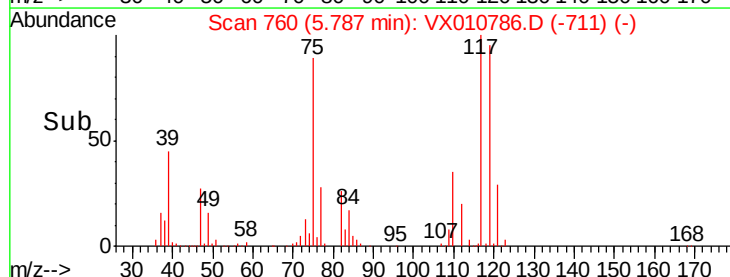
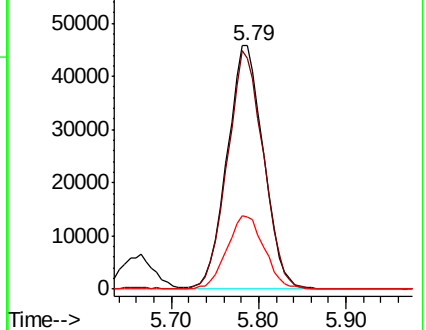
121 29.5 24.7 37.1

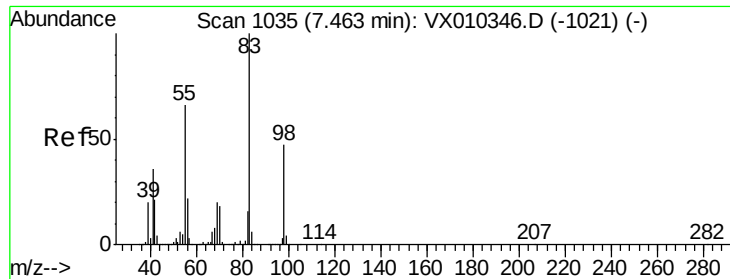


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

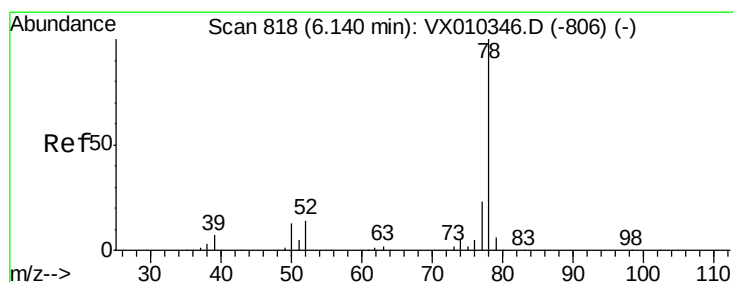
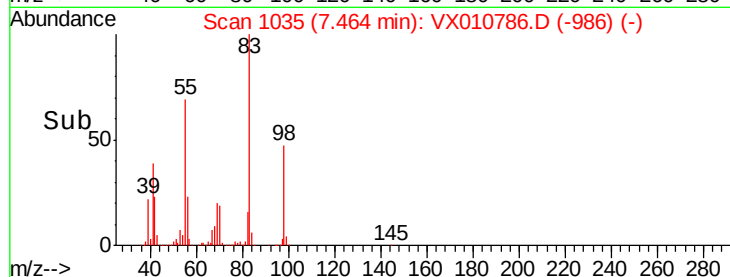
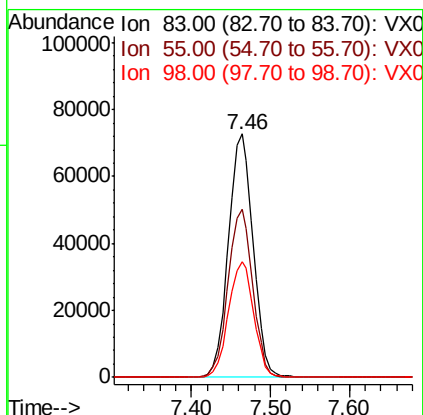
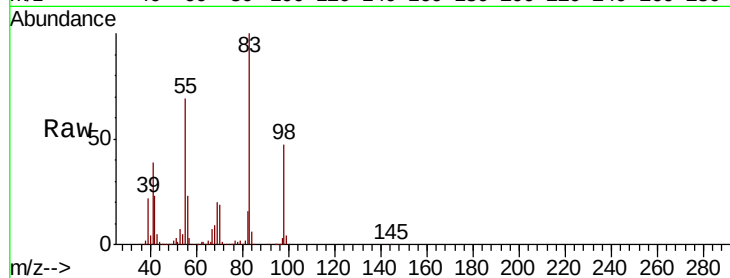




#39
Methylvlcyclohexane
Concen: 52.534 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010786.D
Acq: 10 Jul 2019 18:43

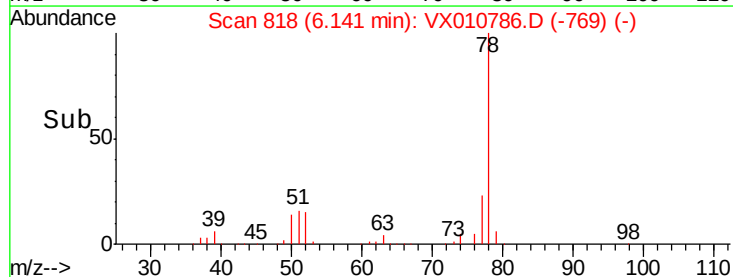
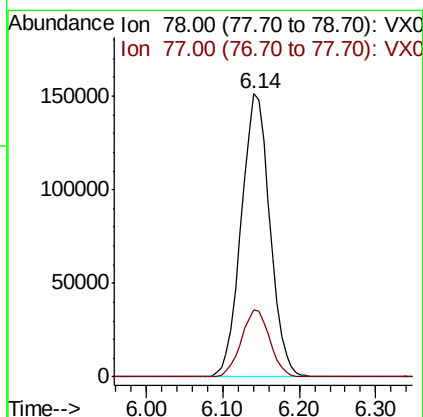
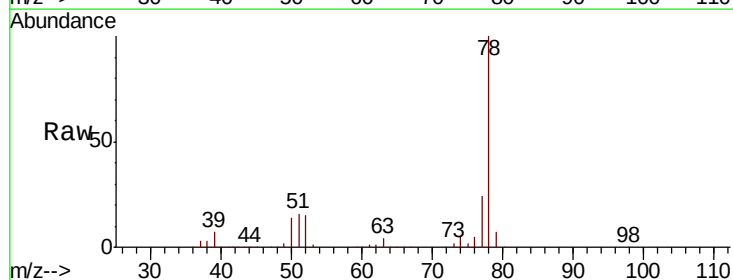
Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-SW-190709MSD

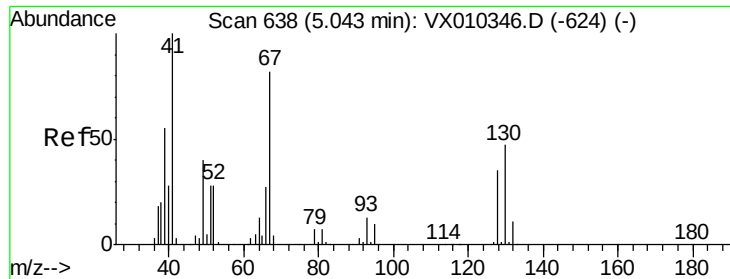
Tot Ion: 83 Resp: 158043
Ion Ratio Lower Upper
83 100
55 69.1 53.0 79.6
98 47.5 37.8 56.8



#40
Benzene
Concen: 55.138 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010786.D
Acq: 10 Jul 2019 18:43

Tgt Ion: 78 Resp: 393152
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0

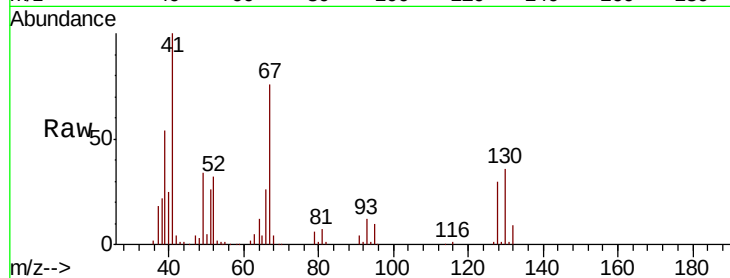




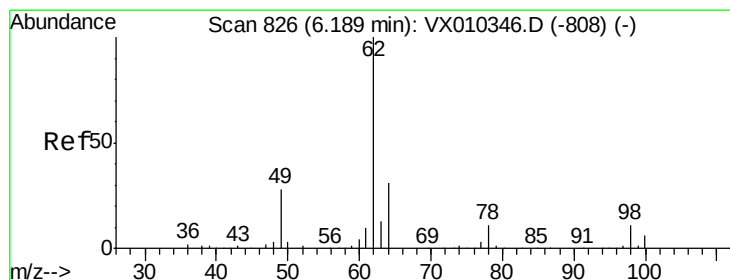
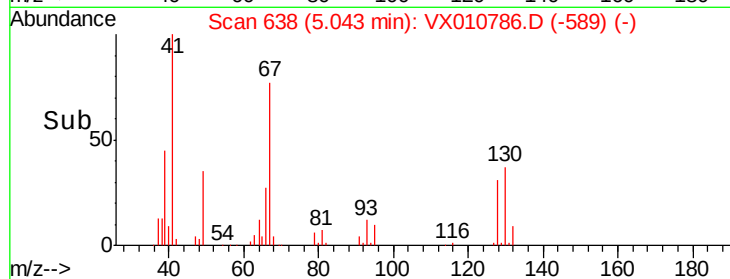
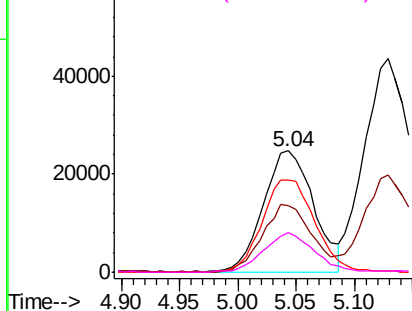
#41
Methacrylonitrile
Concen: 57.892 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010786.D
Acq: 10 Jul 2019 18:43

Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-SW-190709MSD

Tot Ion:	41	Resp:	74789
Ion	Ratio	Lower	Upper
41	100		
39	52.6	43.8	65.8
67	79.3	66.6	100.0
52	31.6	24.5	36.7

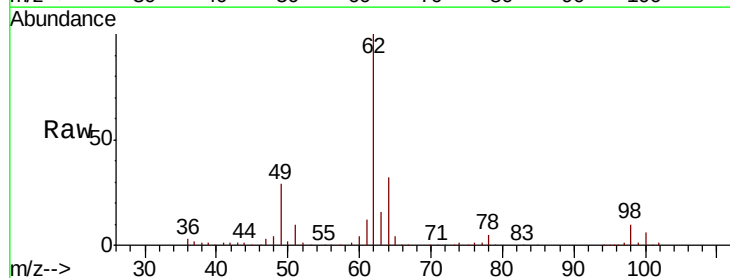


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

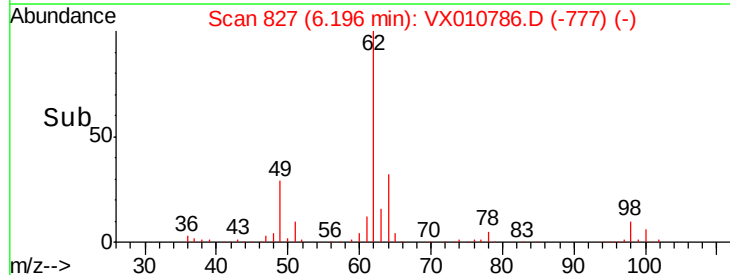
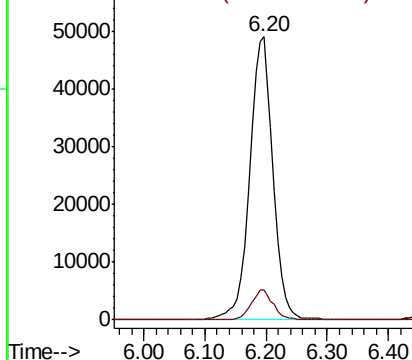


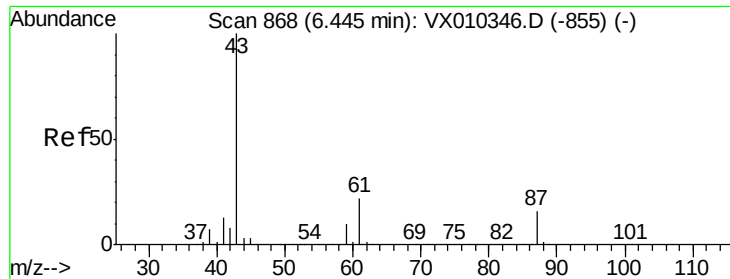
#42
1,2-Dichloroethane
Concen: 60.277 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010786.D
Acq: 10 Jul 2019 18:43

Tgt Ion:	62	Resp:	130828
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 53.274 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-SW-190709MSD

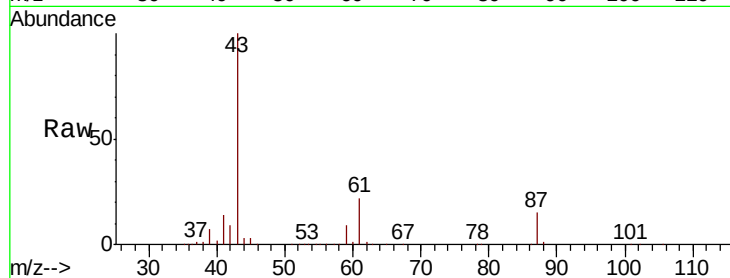
Tot Ion: 43 Resp: 207525

Ion Ratio Lower Upper

43 100

61 21.1 17.8 26.6

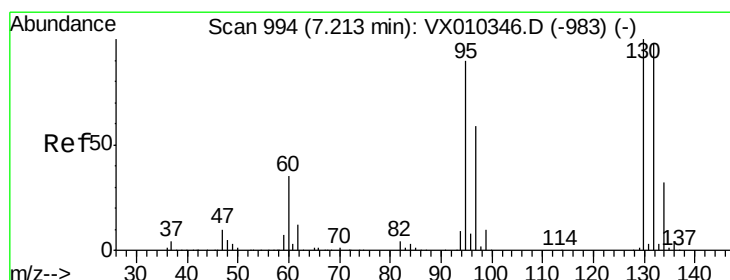
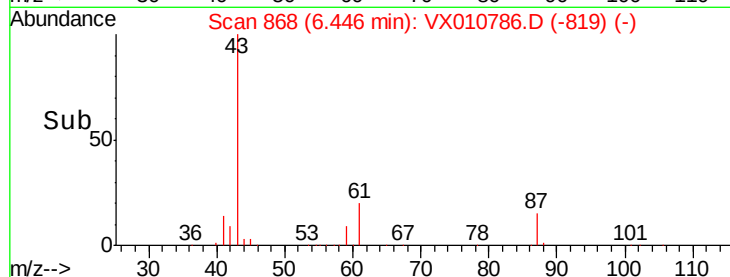
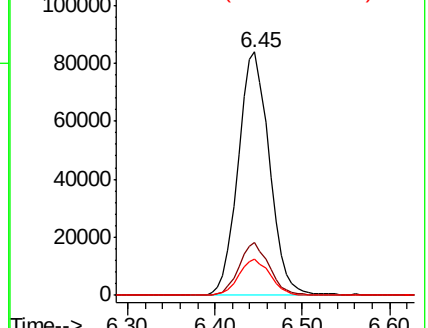
87 15.2 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 53.544 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010786.D

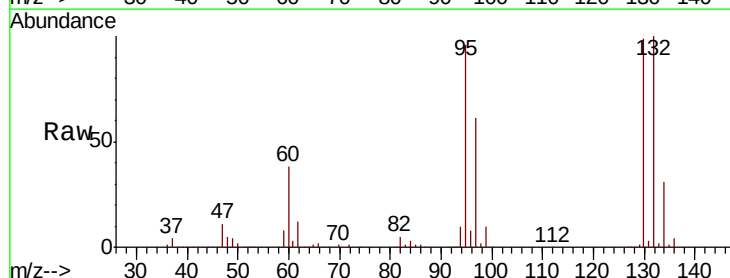
Acq: 10 Jul 2019 18:43

Tgt Ion:130 Resp: 114240

Ion Ratio Lower Upper

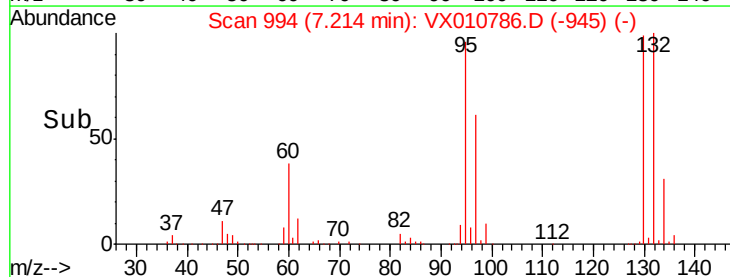
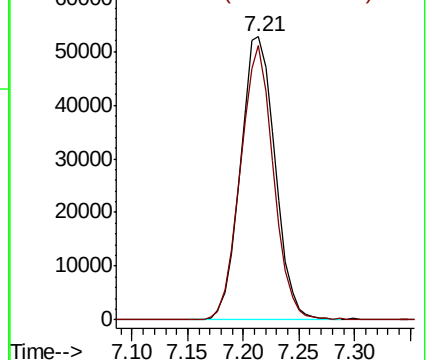
130 100

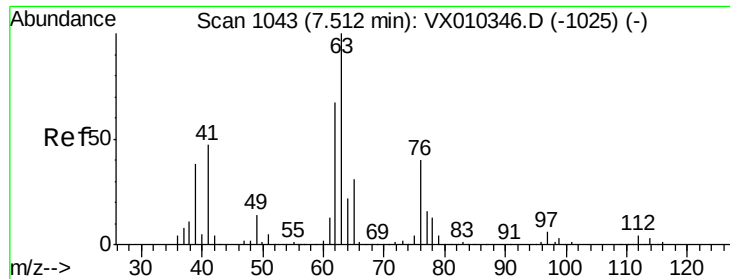
95 96.9 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

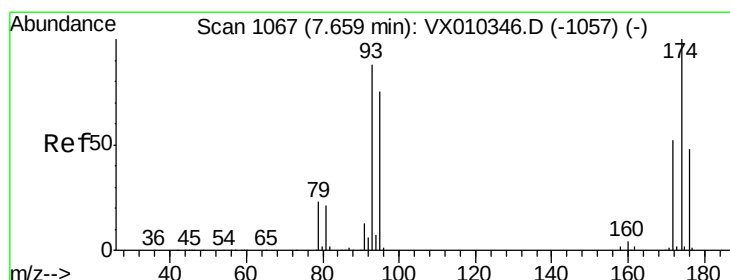
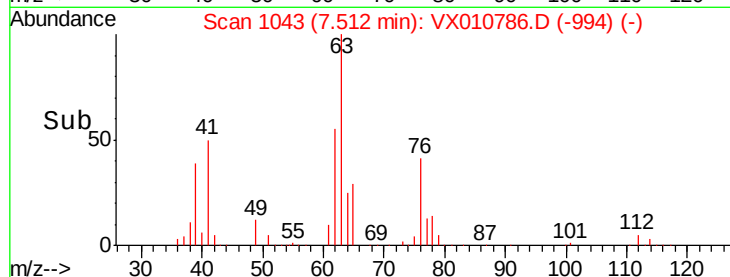
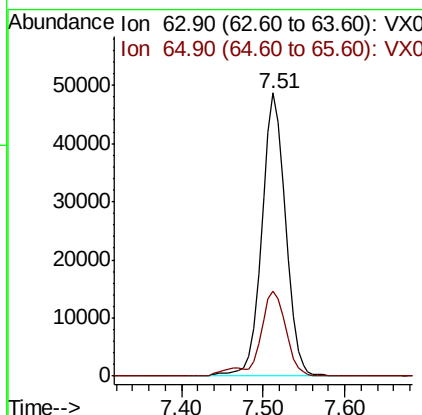
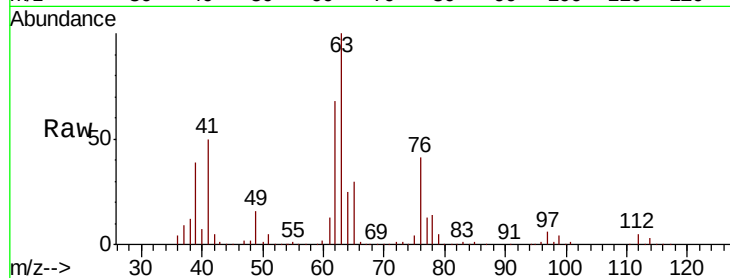




#45
 1,2-Dichloropropane
 Concen: 55.145 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010786.D
 Acq: 10 Jul 2019 18:43

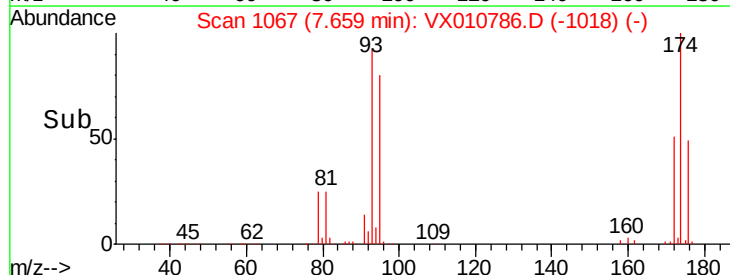
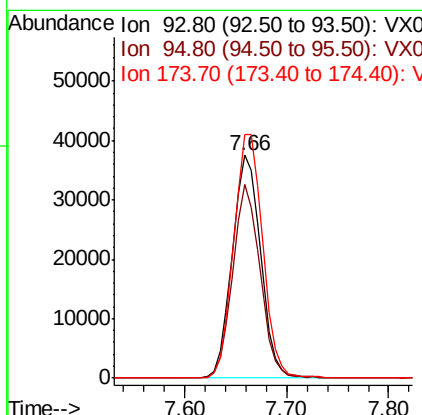
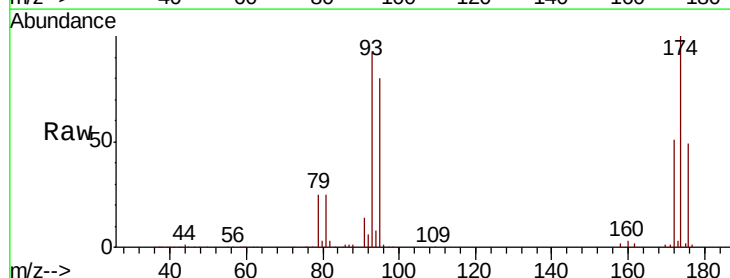
Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-SW-190709MSD

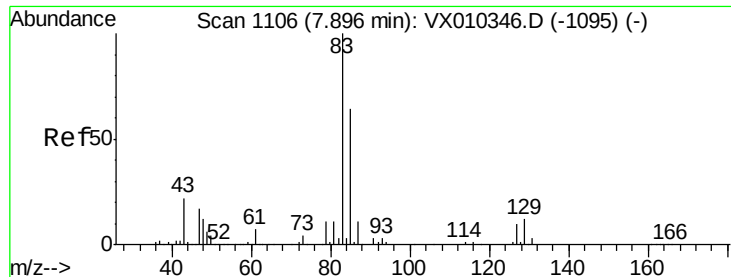
Tot Ion: 63 Resp: 99293
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.8 37.2



#46
 Dibromomethane
 Concen: 55.974 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010786.D
 Acq: 10 Jul 2019 18:43

Tgt Ion: 93 Resp: 72312
 Ion Ratio Lower Upper
 93 100
 95 83.6 67.5 101.3
 174 111.7 95.8 143.6

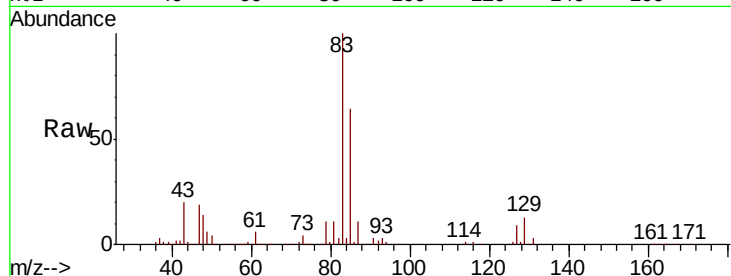




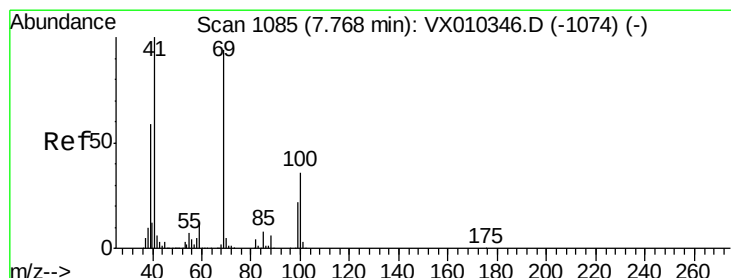
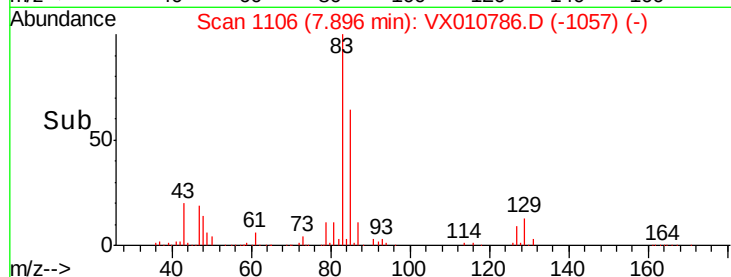
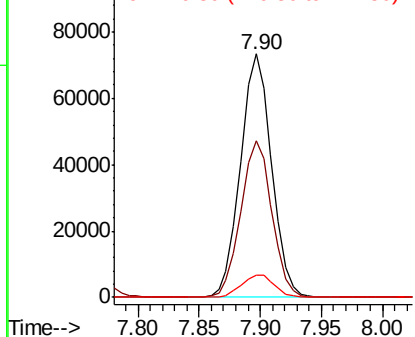
#47
Bromodichloromethane
Concen: 54.707 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX010786.D
Acq: 10 Jul 2019 18:43

Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-SW-190709MSD

Tot Ion	83	Resp	129520
Ion Ratio	Lower	Upper	
83	100		
85	64.2	51.5	77.3
127	9.1	7.8	11.8

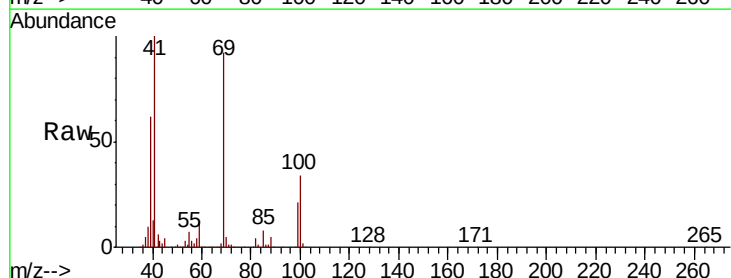


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V

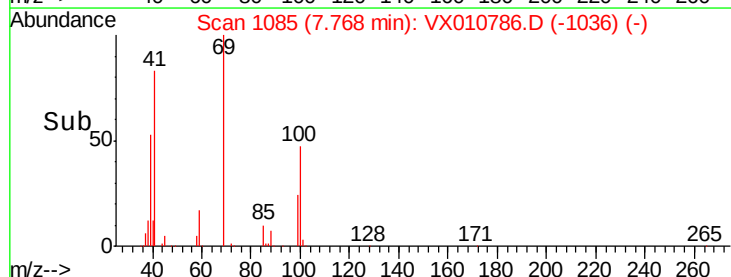
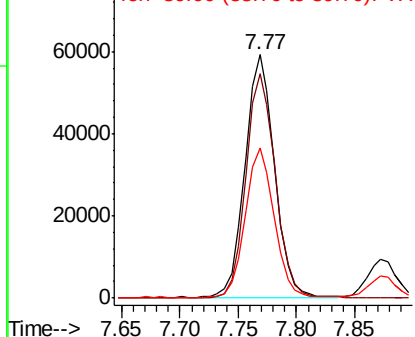


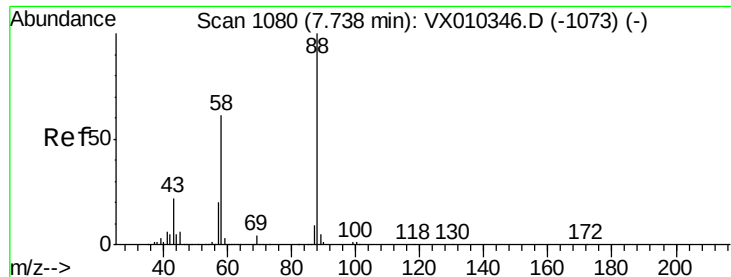
#48
Methyl methacrylate
Concen: 57.792 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX010786.D
Acq: 10 Jul 2019 18:43

Tgt Ion	41	Resp	104642
Ion Ratio	Lower	Upper	
41	100		
69	92.3	76.1	114.1
39	60.9	47.6	71.4



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

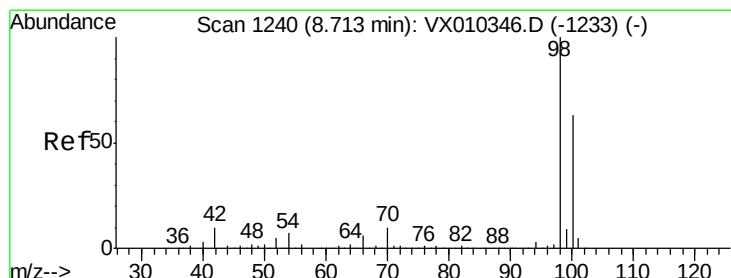
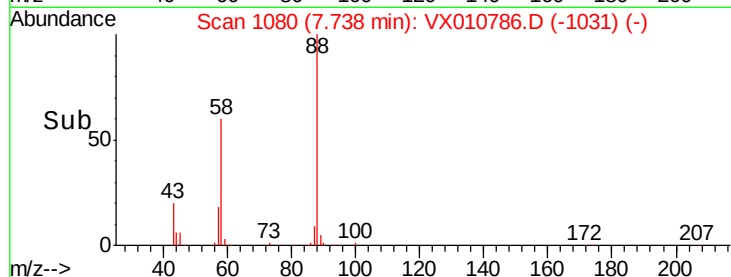
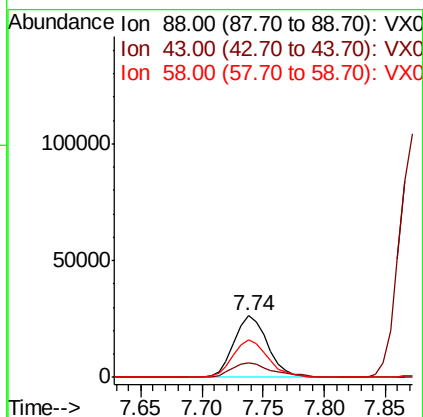
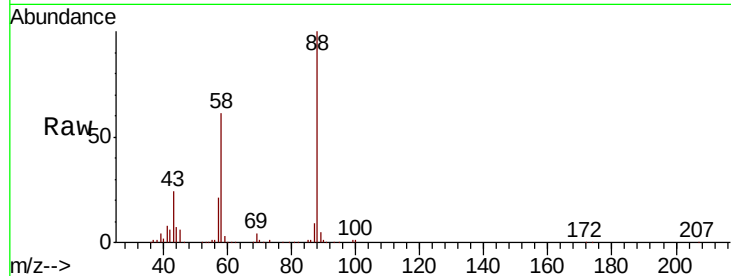




#49
 1,4-Dioxane
 Concen: 968.971 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX010786.D
 Acq: 10 Jul 2019 18:43

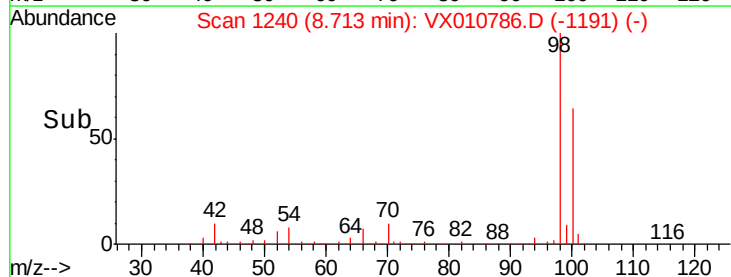
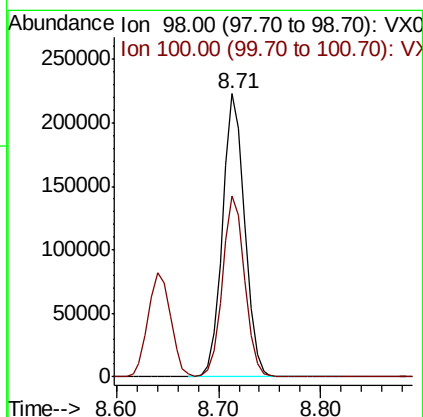
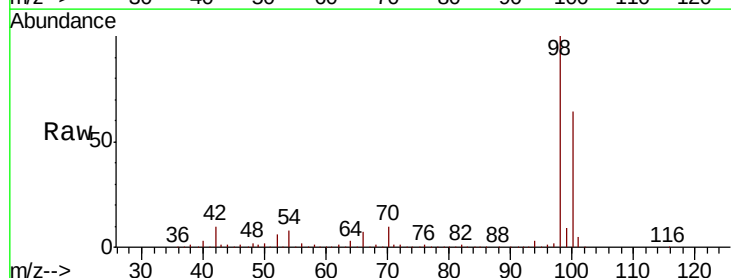
Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-SW-190709MSD

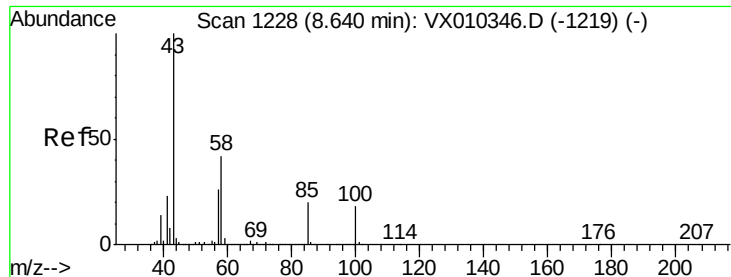
Tot Ion: 88 Resp: 50542
 Ion Ratio Lower Upper
 88 100
 43 28.5 20.2 30.2
 58 63.9 49.5 74.3



#50
 Toluene-d8
 Concen: 49.794 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010786.D
 Acq: 10 Jul 2019 18:43

Tgt Ion: 98 Resp: 335693
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.6 77.4

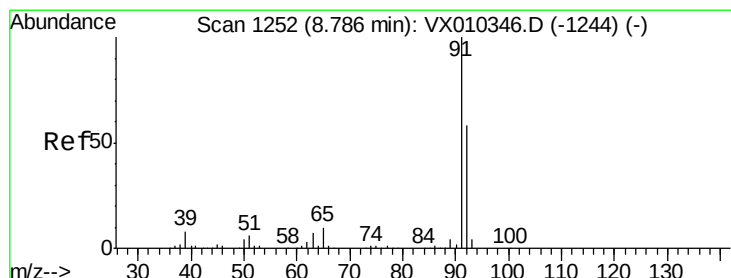
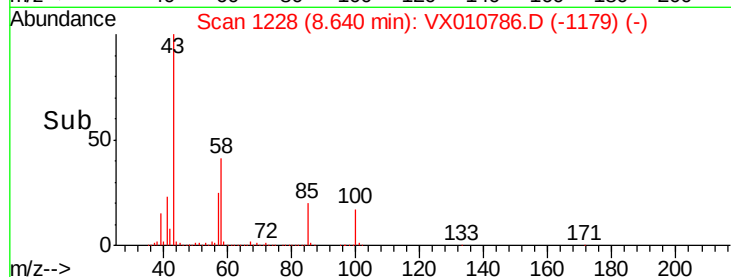
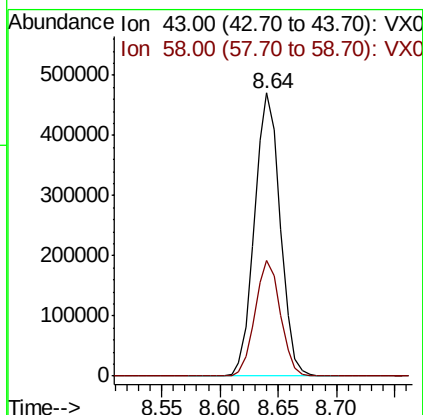
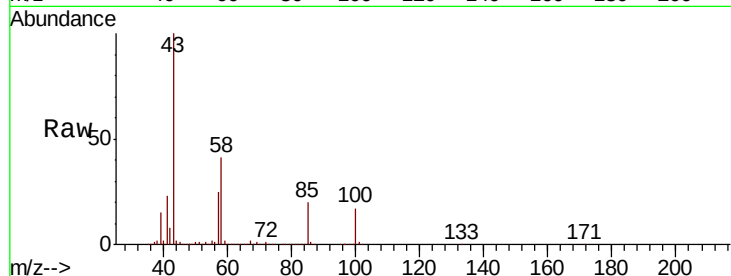




#51
 4-Methyl-2-Pentanone
 Concen: 291.956 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010786.D
 Acq: 10 Jul 2019 18:43

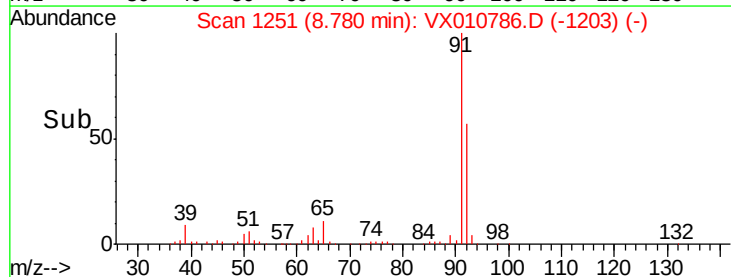
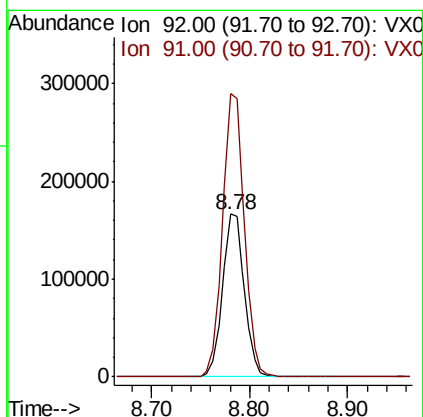
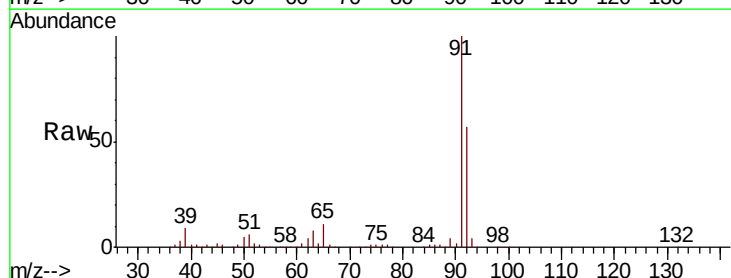
Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-SW-190709MSD

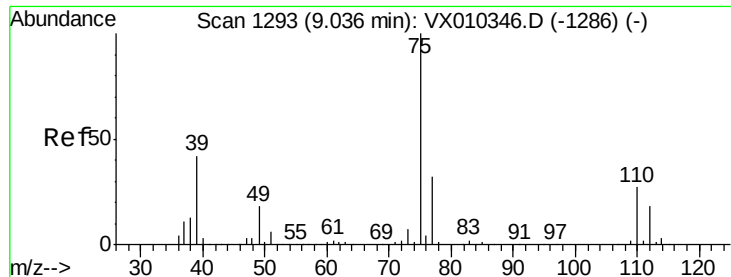
Tot Ion: 43 Resp: 727373
 Ion Ratio Lower Upper
 43 100
 58 40.5 33.5 50.3



#52
 Toluene
 Concen: 54.594 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010786.D
 Acq: 10 Jul 2019 18:43

Tgt Ion: 92 Resp: 256350
 Ion Ratio Lower Upper
 92 100
 91 174.3 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 52.194 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

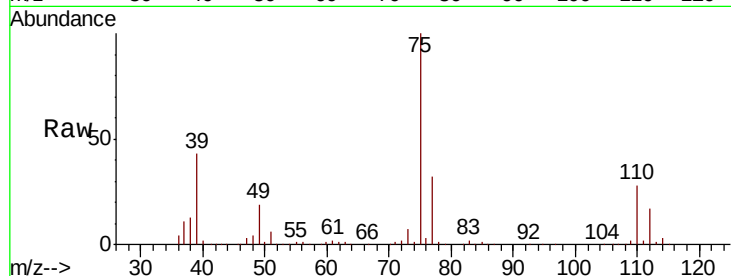
KY030LC068-SW-190709MSD

Tot Ion: 75 Resp: 138540

Ion Ratio Lower Upper

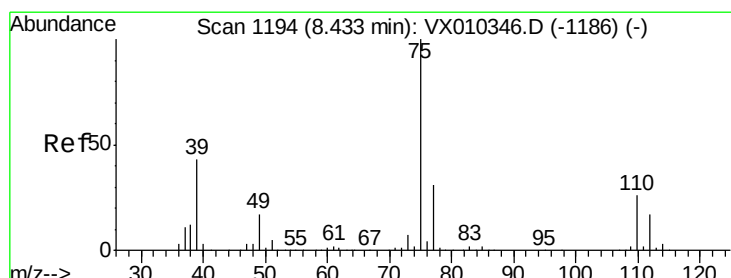
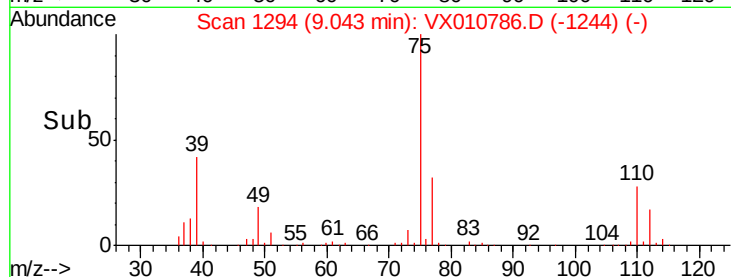
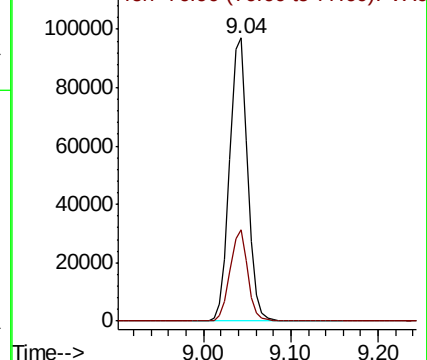
75 100

77 32.1 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 52.636 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

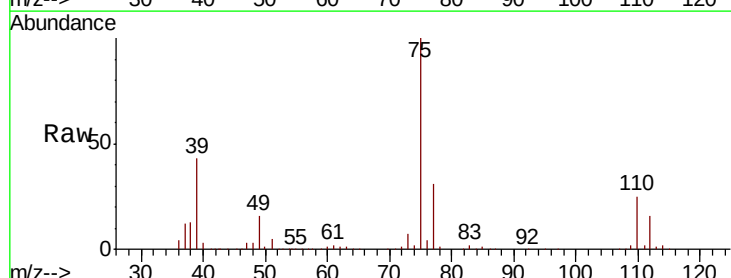
Tgt Ion: 75 Resp: 151829

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

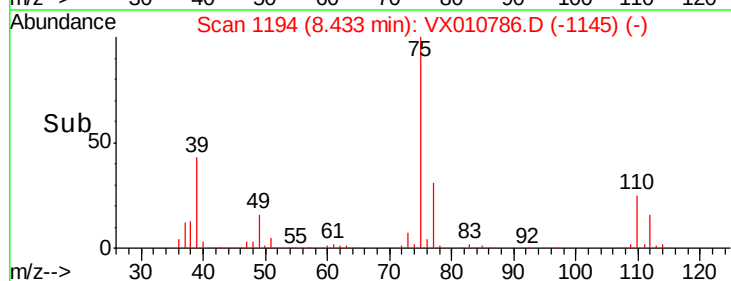
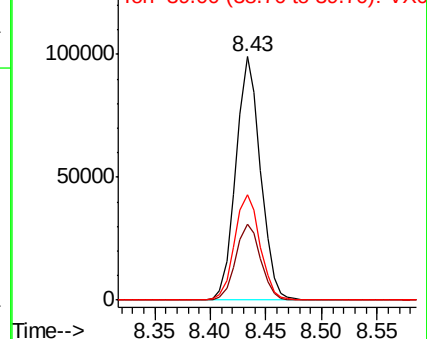
39 43.3 34.5 51.7

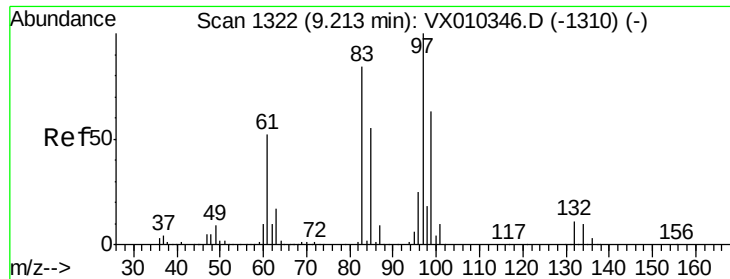


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

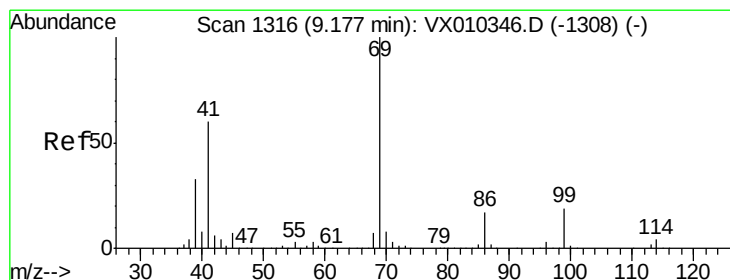
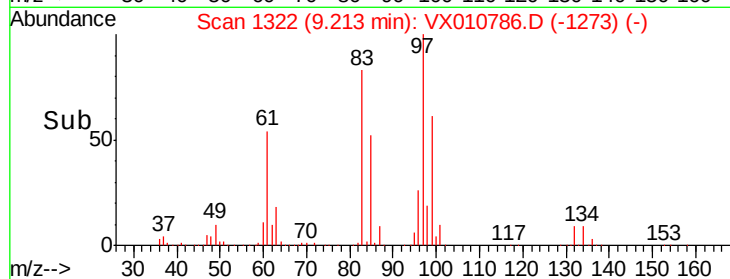
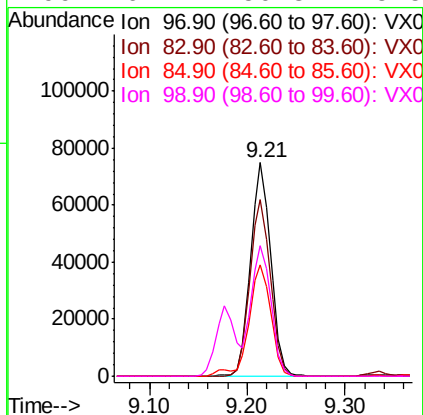
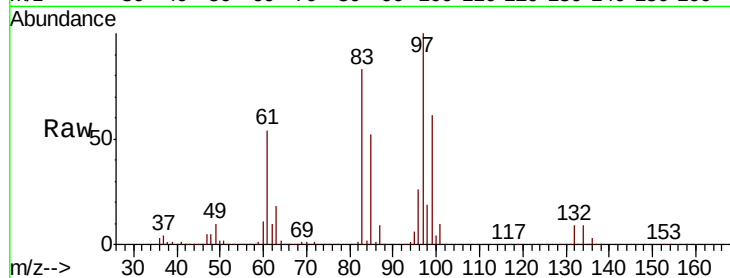




#55
 1,1,2-Trichloroethane
 Concen: 55.627 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010786.D
 Acq: 10 Jul 2019 18:43

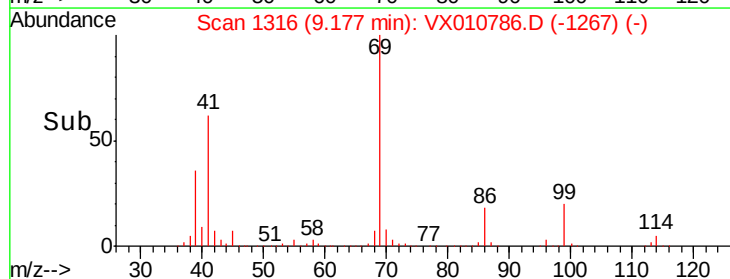
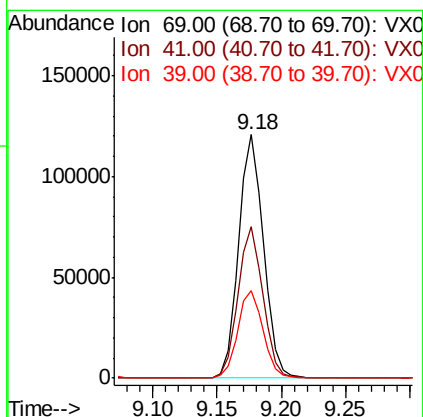
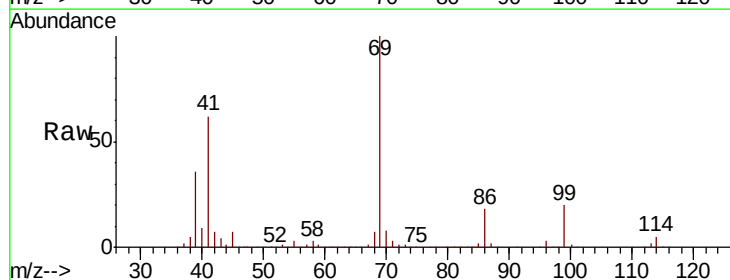
Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-SW-190709MSD

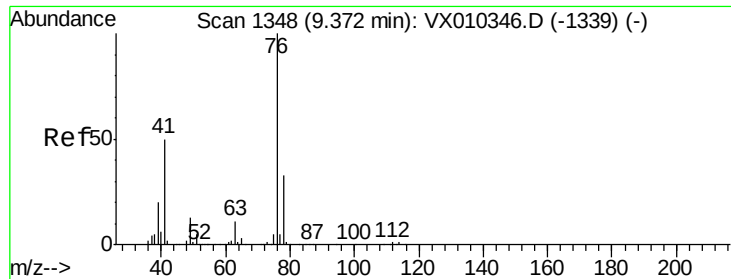
Tot Ion: 97 Resp: 107724
 Ion Ratio Lower Upper
 97 100
 83 83.0 67.4 101.0
 85 52.4 43.8 65.8
 99 61.4 50.3 75.5



#56
 Ethyl methacrylate
 Concen: 55.137 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010786.D
 Acq: 10 Jul 2019 18:43

Tgt Ion: 69 Resp: 161751
 Ion Ratio Lower Upper
 69 100
 41 62.1 47.1 70.7
 39 36.6 26.6 40.0

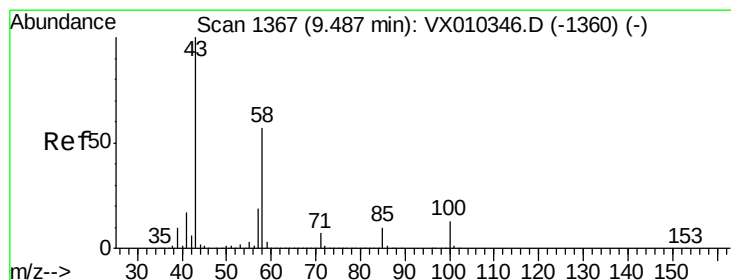
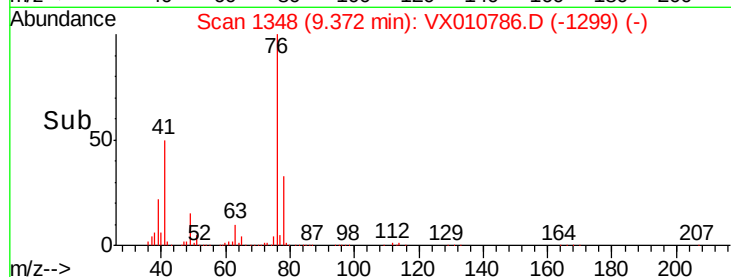
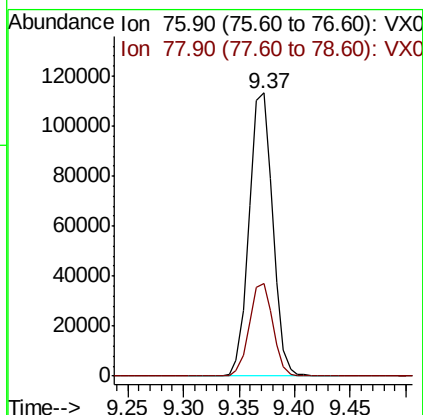
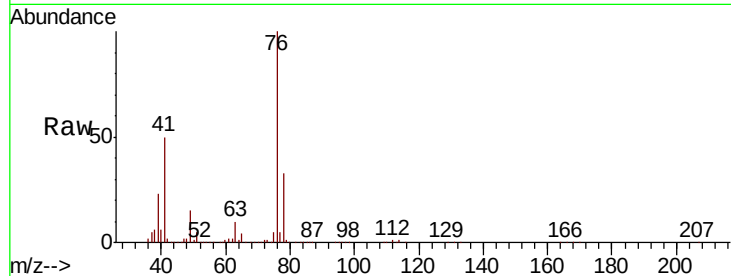




#57
 1,3-Dichloropropane
 Concen: 55.804 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010786.D
 Acq: 10 Jul 2019 18:43

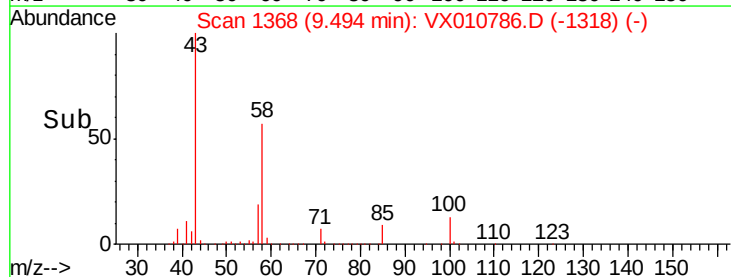
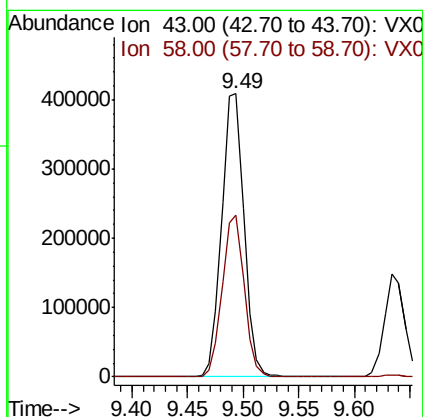
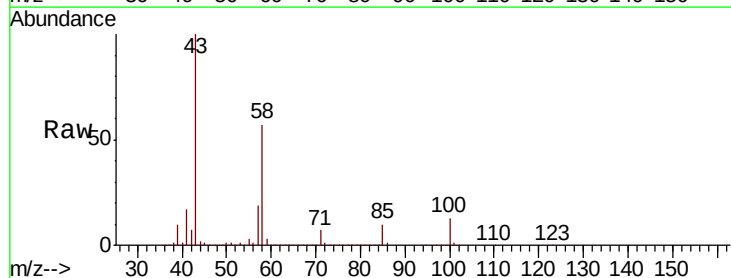
Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-SW-190709MSD

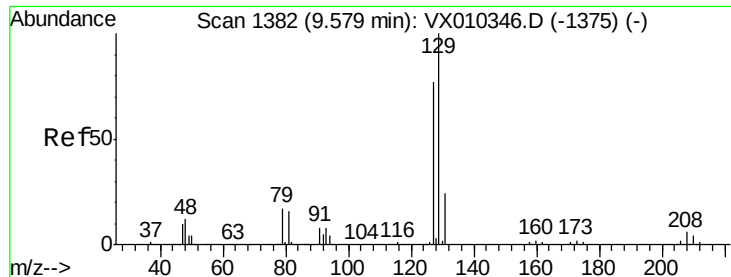
Tot Ion: 76 Resp: 167753
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.1 39.1



#59
 2-Hexanone
 Concen: 290.955 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: VX010786.D
 Acq: 10 Jul 2019 18:43

Tgt Ion: 43 Resp: 570507
 Ion Ratio Lower Upper
 43 100
 58 56.3 29.0 87.1





#60

Dibromochloromethane

Concen: 53.673 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

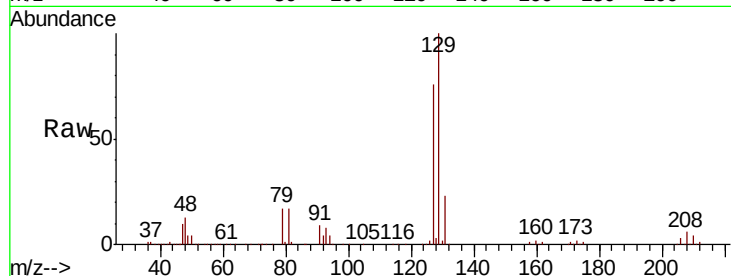
KY030LC068-SW-190709MSD

Tot Ion:129 Resp: 116378

Ion Ratio Lower Upper

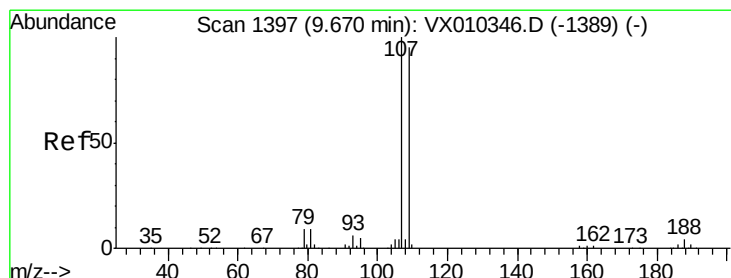
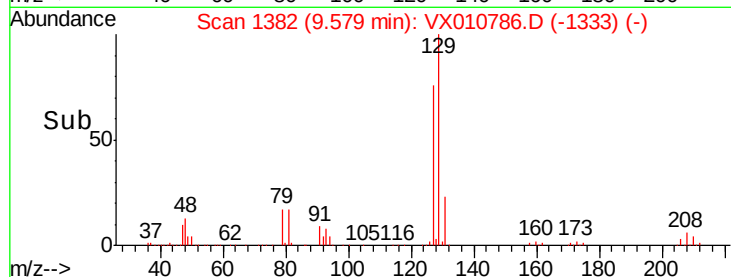
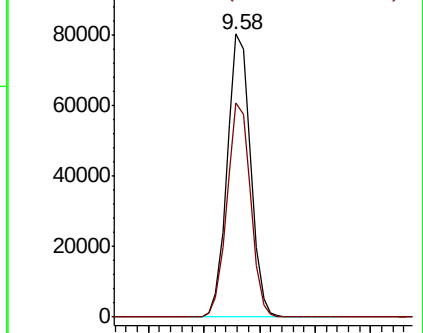
129 100

127 76.1 38.4 115.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 55.362 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010786.D

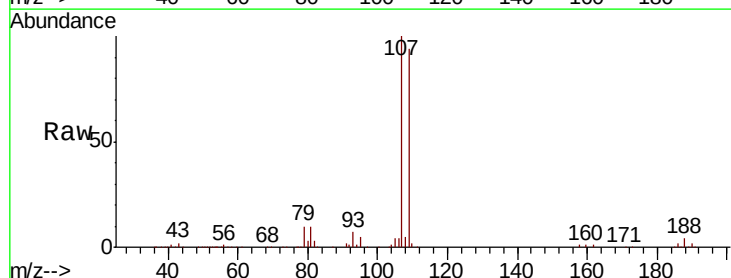
Acq: 10 Jul 2019 18:43

Tgt Ion:107 Resp: 115721

Ion Ratio Lower Upper

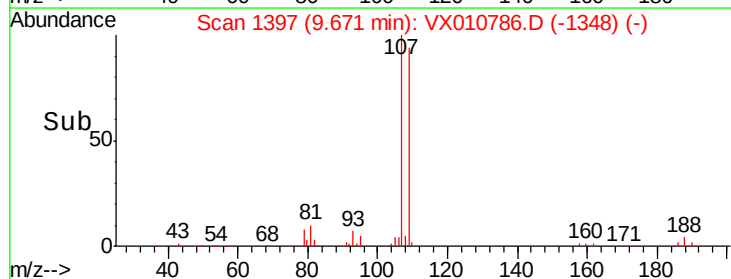
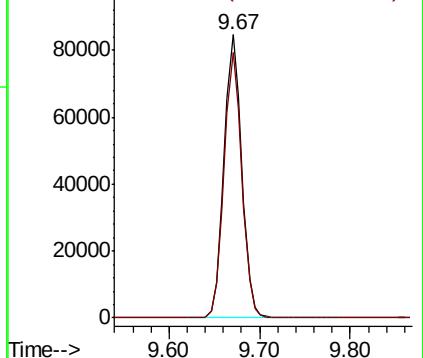
107 100

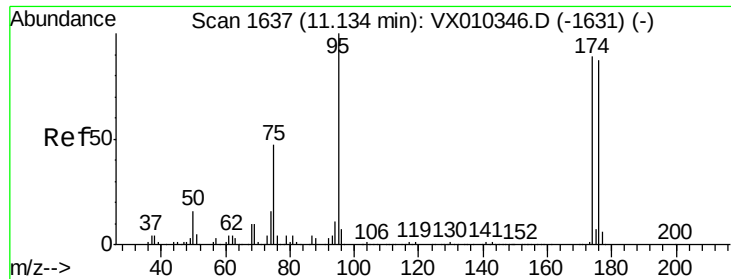
109 93.9 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 52.570 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-SW-190709MSD

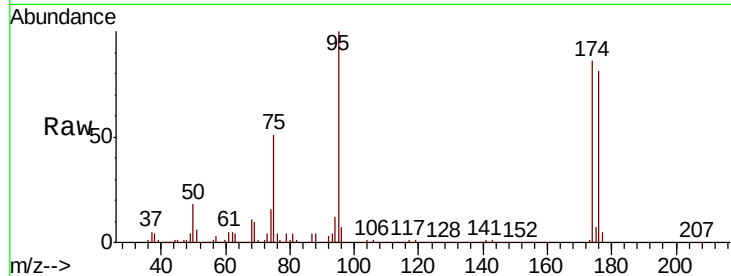
Tot Ion: 95 Resp: 127951

Ion Ratio Lower Upper

95 100

174 91.4 0.0 187.6

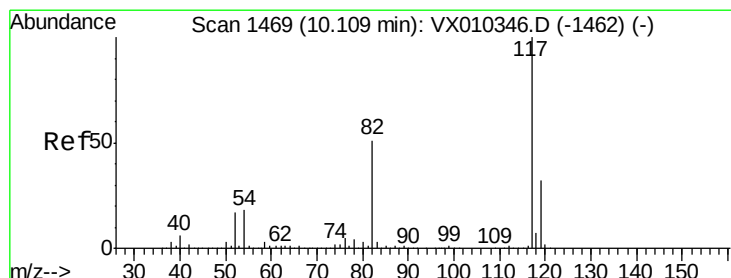
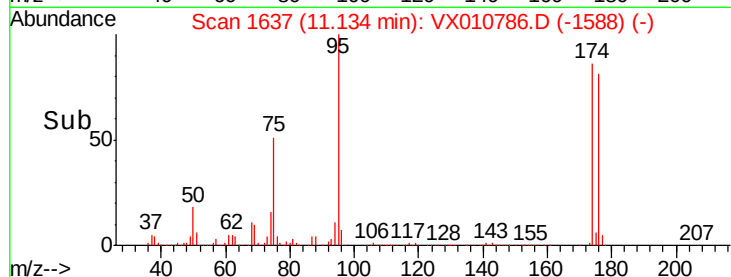
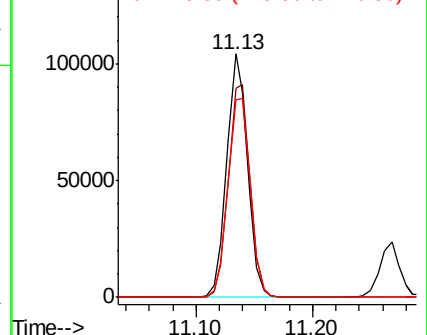
176 88.5 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010346.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010346.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010346.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

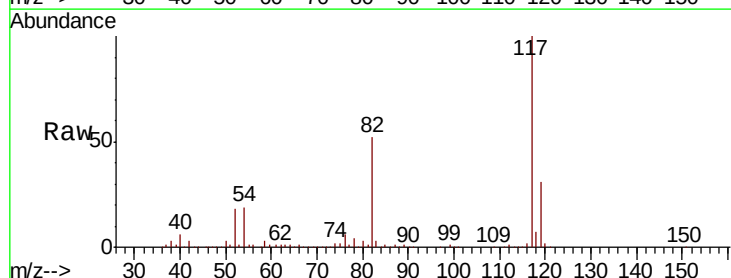
Tgt Ion: 117 Resp: 268079

Ion Ratio Lower Upper

117 100

82 51.9 41.2 61.8

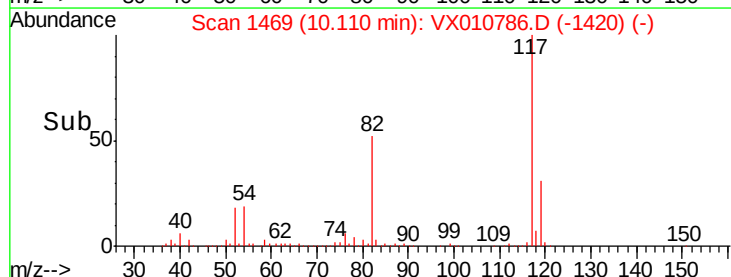
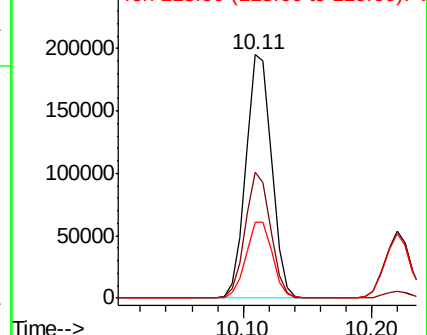
119 31.1 25.5 38.3

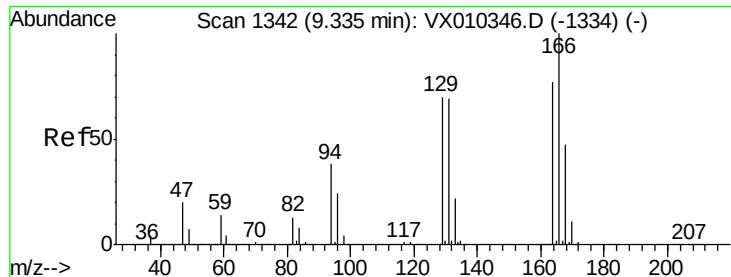


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010346.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010346.D (-1462) (-)

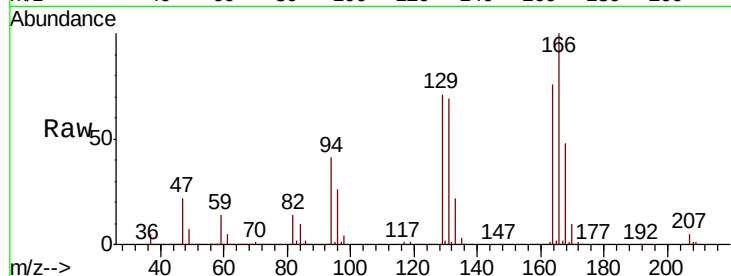




#64
Tetrachloroethene
Concen: 49.378 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010786.D
Acq: 10 Jul 2019 18:43

Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-SW-190709MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	131.0	103.6	155.4
129	92.8	73.0	109.4
131	91.0	71.0	106.4



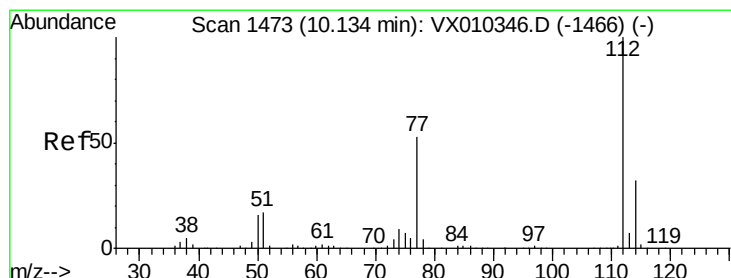
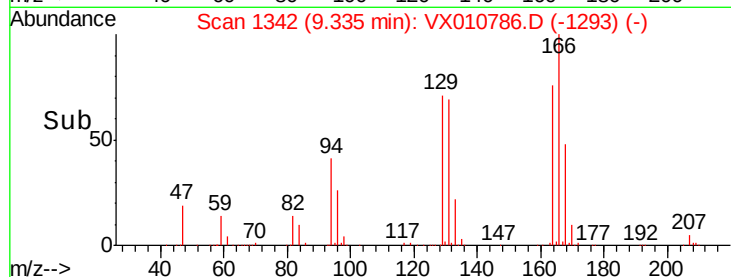
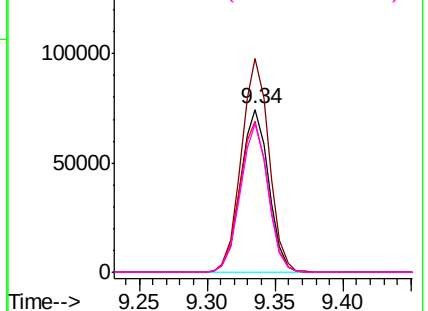
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

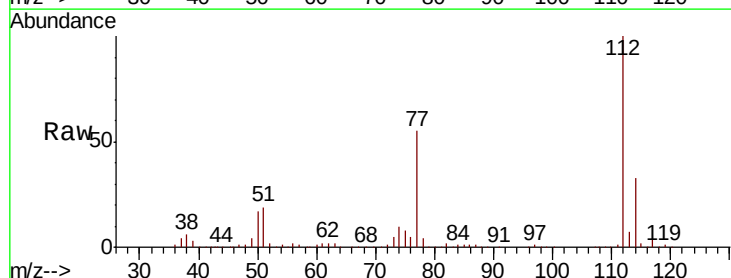
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65
Chlorobenzene
Concen: 53.315 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010786.D
Acq: 10 Jul 2019 18:43

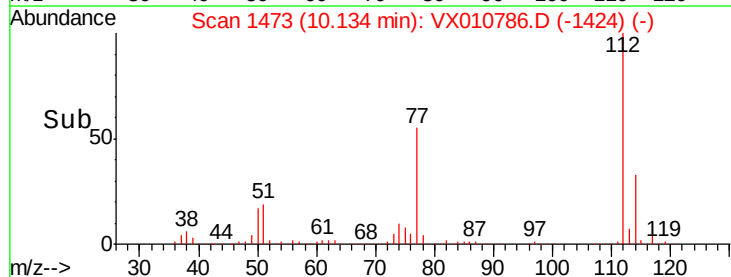
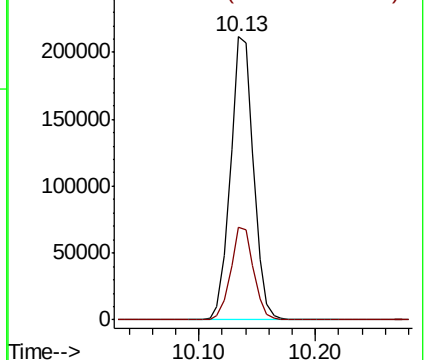
Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.4	38.2

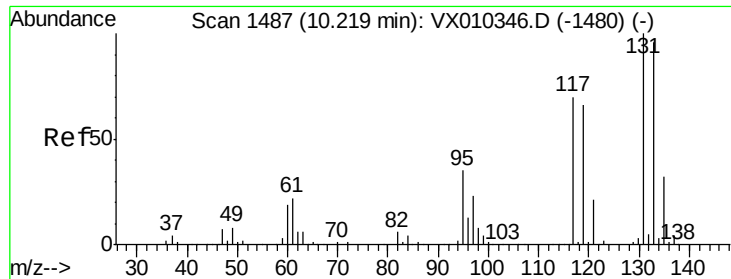


Abundance

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: 53.013 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-SW-190709MSD

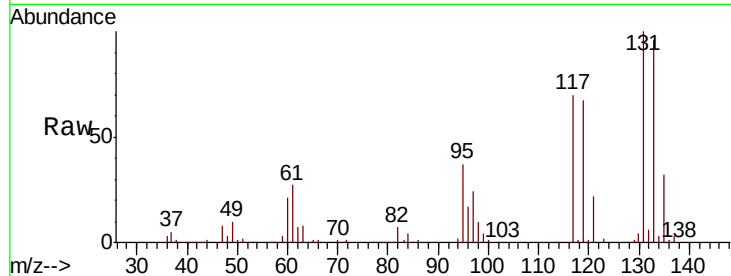
Tot Ion:131 Resp: 105096

Ion Ratio Lower Upper

131 100

133 95.5 47.7 143.1

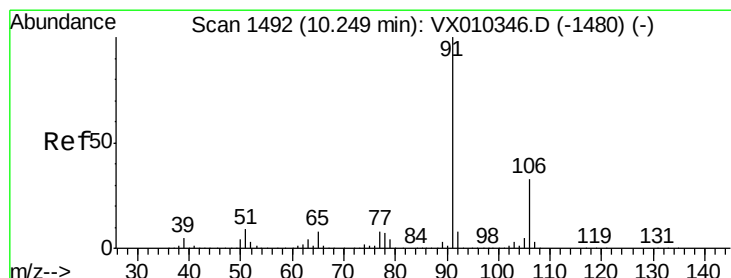
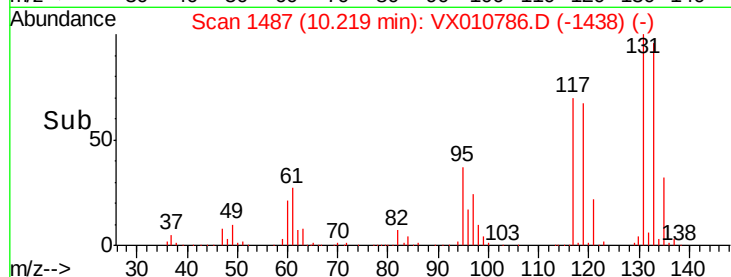
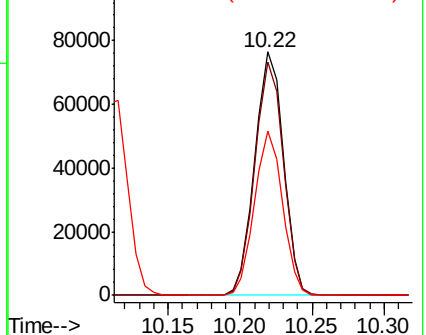
119 66.2 32.6 97.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 54.684 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010786.D

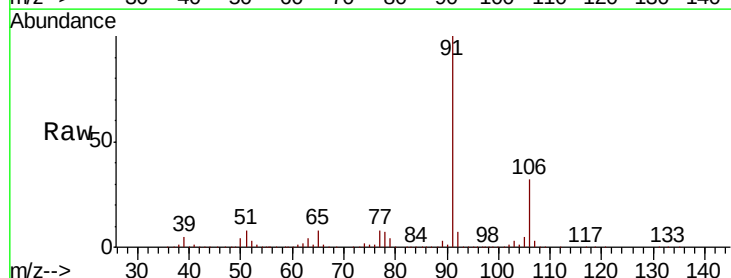
Acq: 10 Jul 2019 18:43

Tgt Ion: 91 Resp: 502447

Ion Ratio Lower Upper

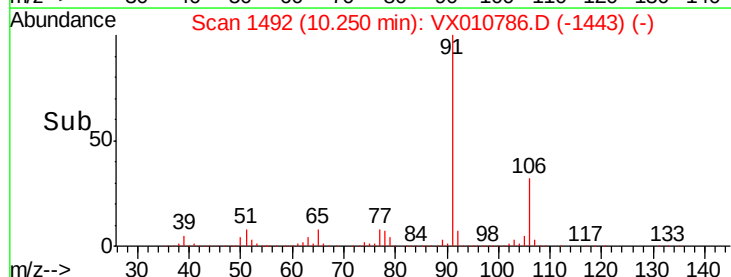
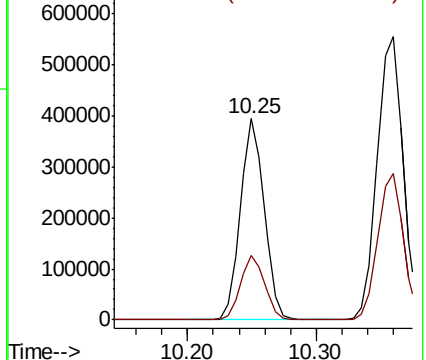
91 100

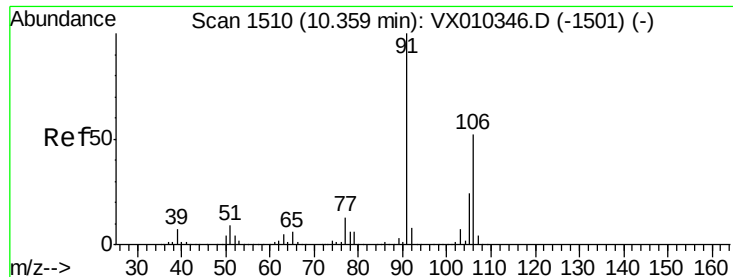
106 32.3 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 109.846 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

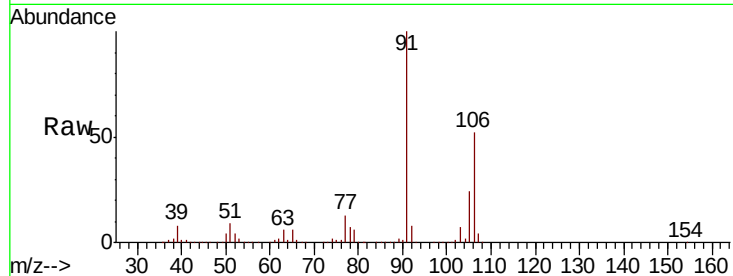
KY030LC068-SW-190709MSD

Tot Ion:106 Resp: 391071

Ion Ratio Lower Upper

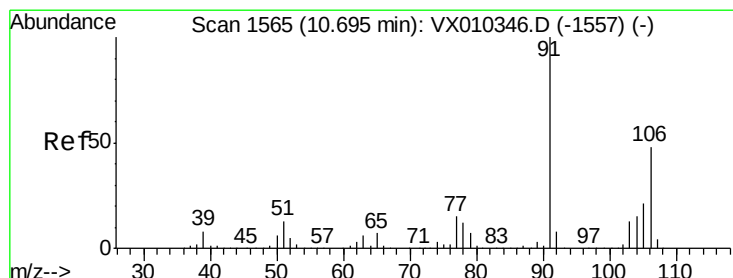
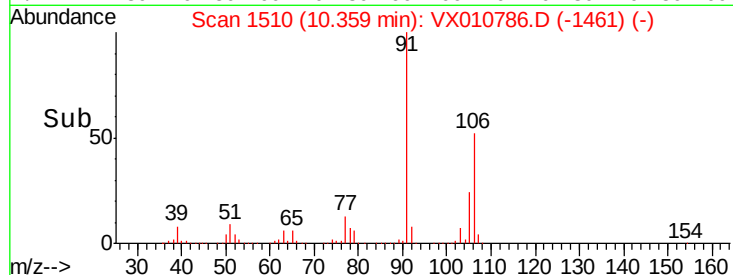
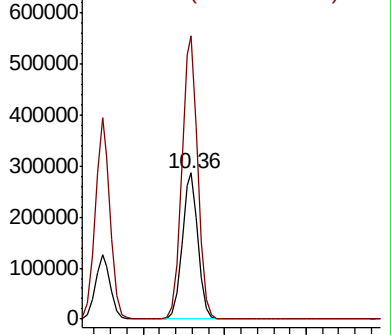
106 100

91 195.5 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 54.206 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VX010786.D

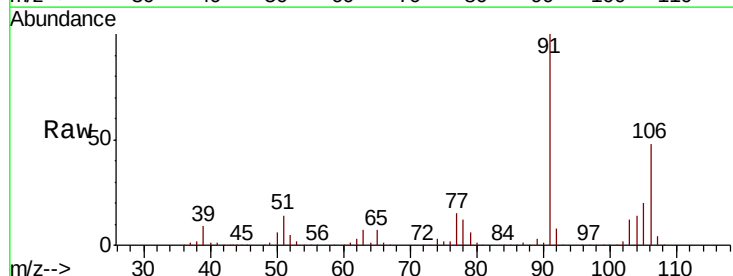
Acq: 10 Jul 2019 18:43

Tgt Ion:106 Resp: 189783

Ion Ratio Lower Upper

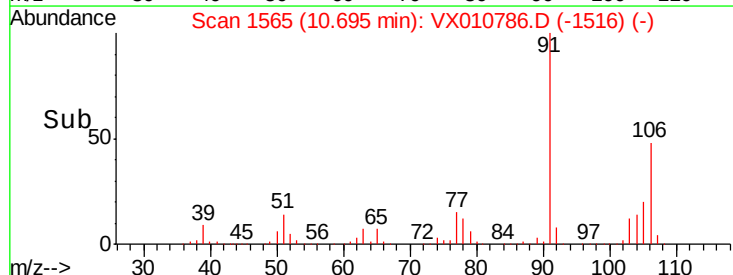
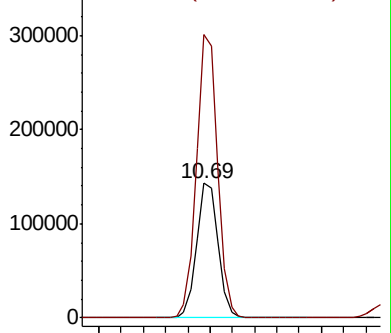
106 100

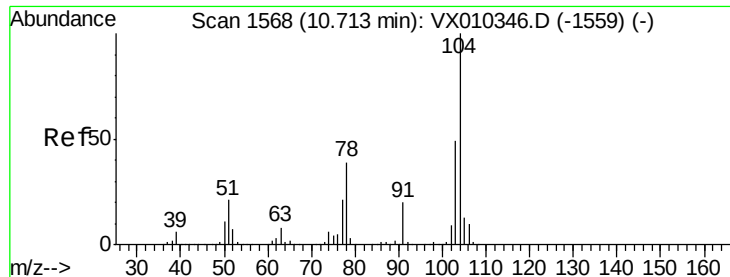
91 207.3 102.7 308.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

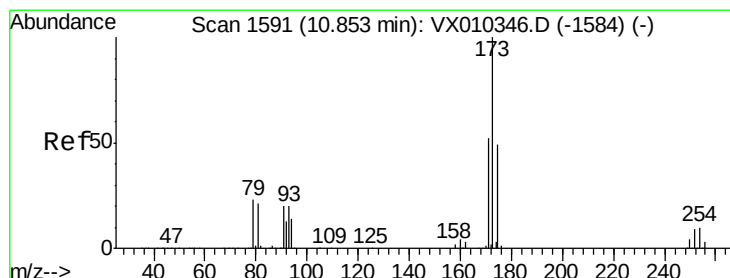
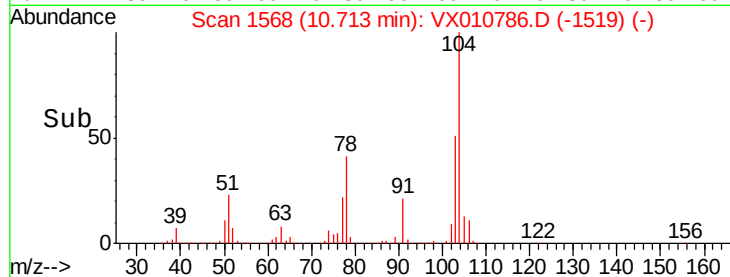
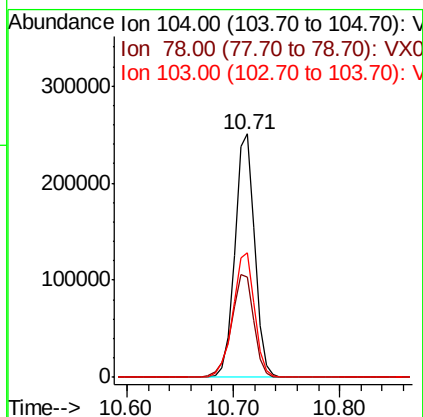
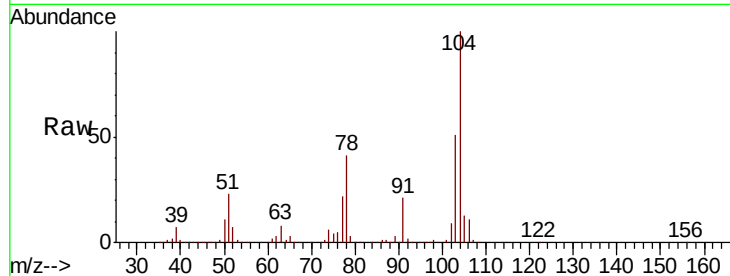




#70
Stvrene
Concen: 55.763 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010786.D
Acq: 10 Jul 2019 18:43

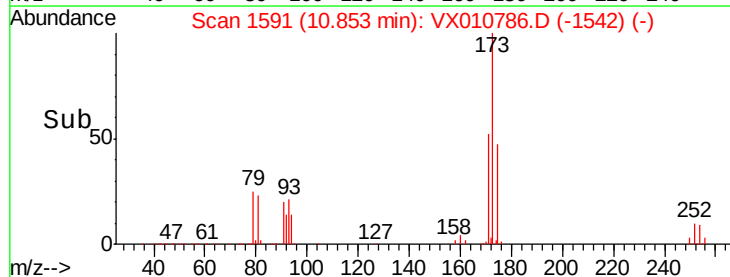
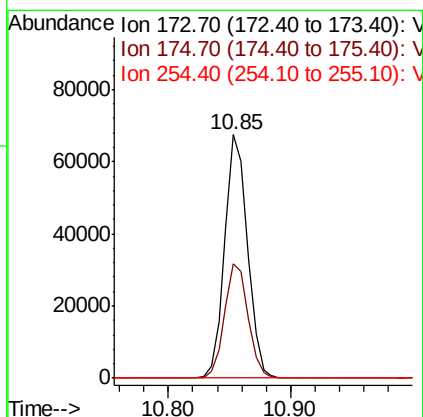
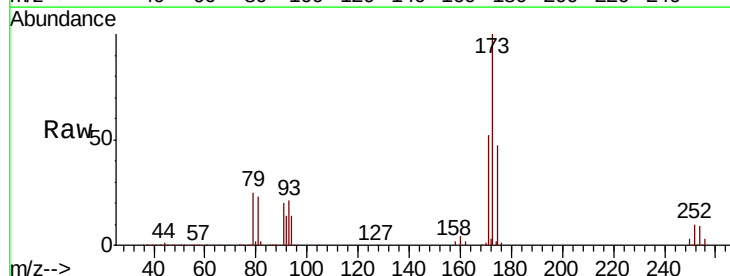
Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-SW-190709MSD

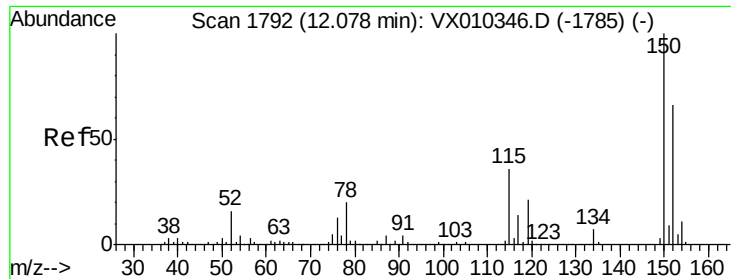
Tot Ion:104 Resp: 327413
Ion Ratio Lower Upper
104 100
78 47.4 36.2 54.2
103 55.8 44.2 66.4



#71
Bromoform
Concen: 50.471 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX010786.D
Acq: 10 Jul 2019 18:43

Tgt Ion:173 Resp: 87011
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.3
254 0.2 0.2 0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-SW-190709MSD

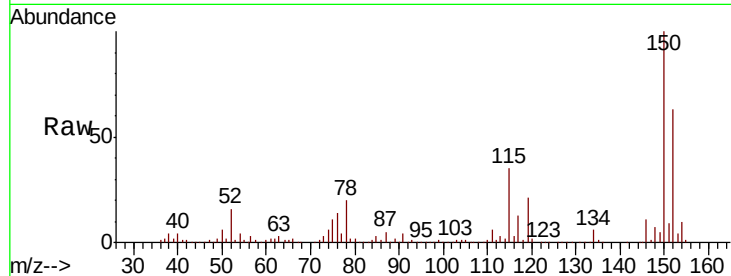
Tot Ion:152 Resp: 145626

Ion Ratio Lower Upper

152 100

115 79.4 38.6 115.7

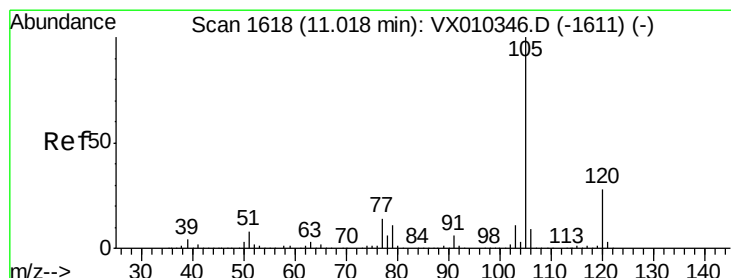
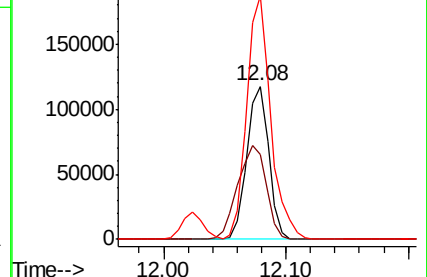
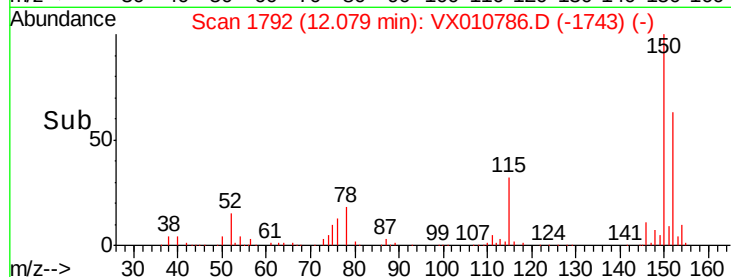
150 174.2 0.0 347.4



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: 51.328 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010786.D

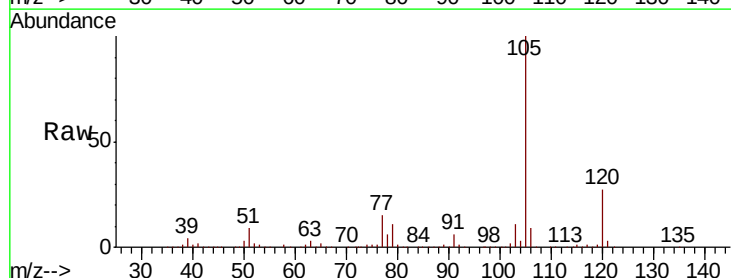
Acq: 10 Jul 2019 18:43

Tgt Ion:105 Resp: 506695

Ion Ratio Lower Upper

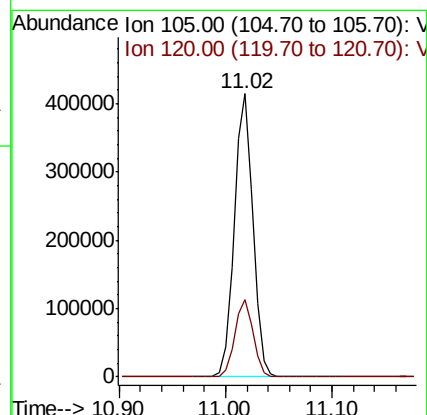
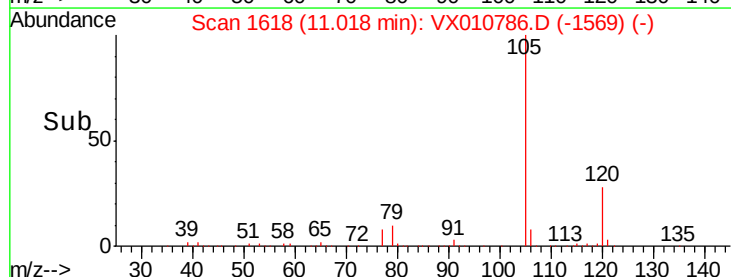
105 100

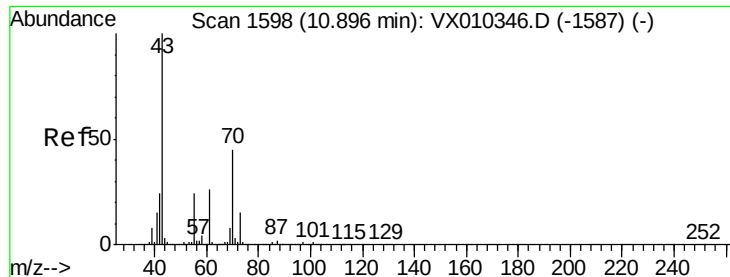
120 27.3 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 51.103 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-SW-190709MSD

Tot Ion: 43 Resp: 190651

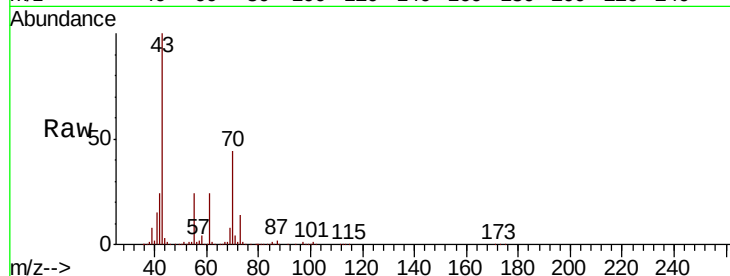
Ion Ratio Lower Upper

43 100

70 44.2 36.6 54.8

55 24.2 18.7 28.1

61 24.4 20.6 31.0

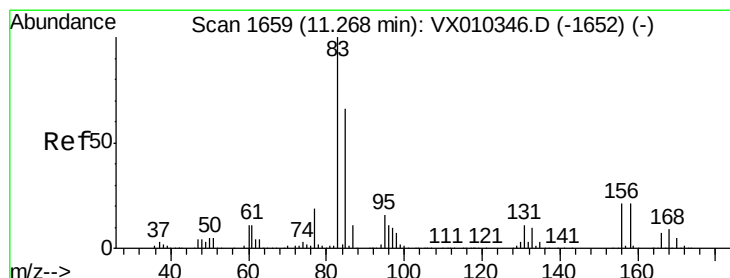
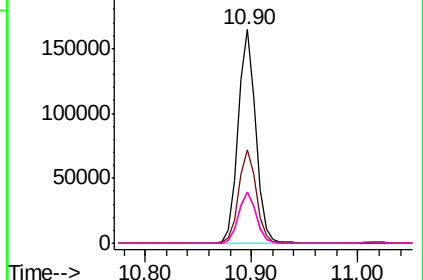
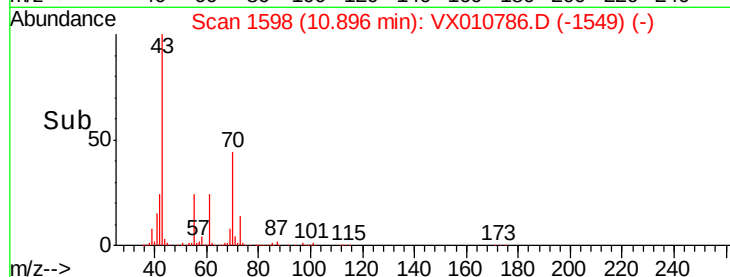


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 52.668 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

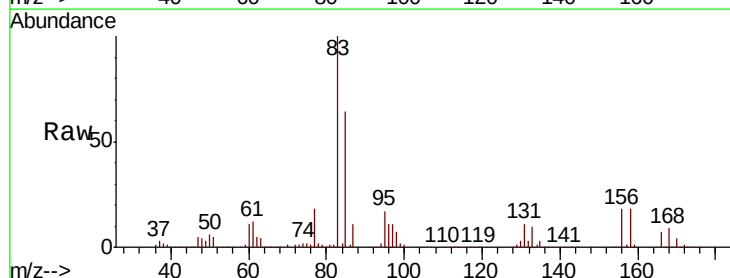
Tgt Ion: 83 Resp: 172185

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

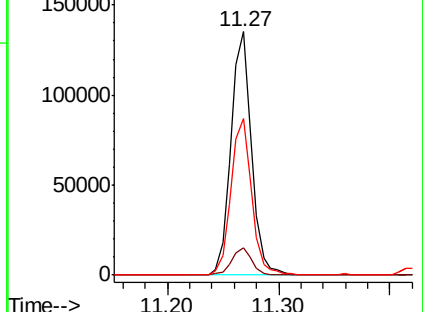
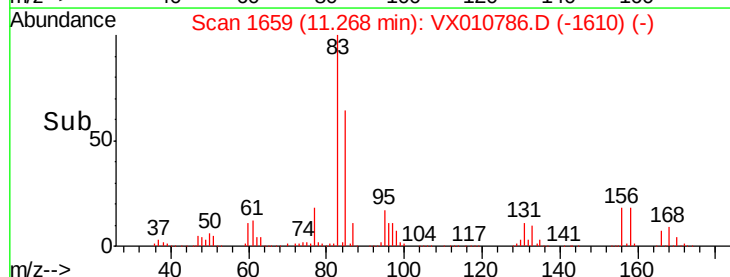
85 64.7 32.3 96.8

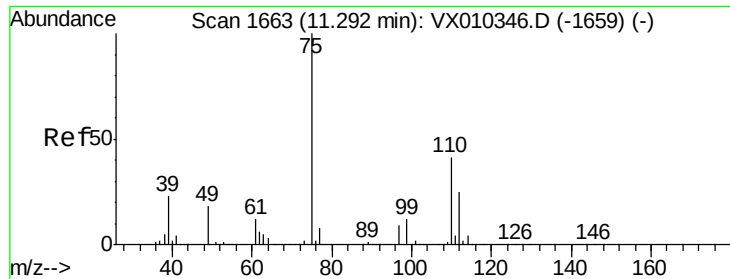


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

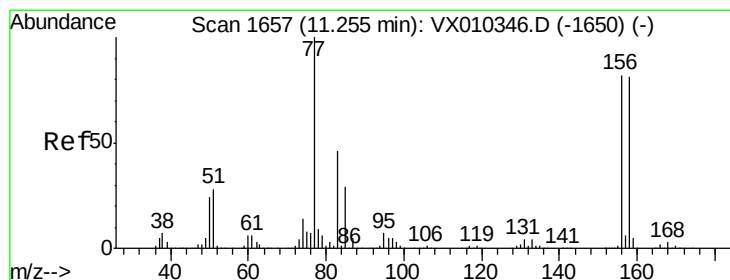
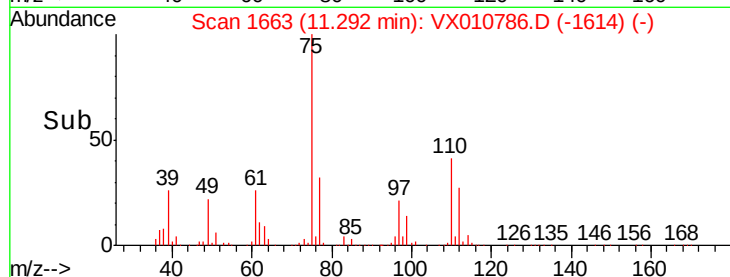
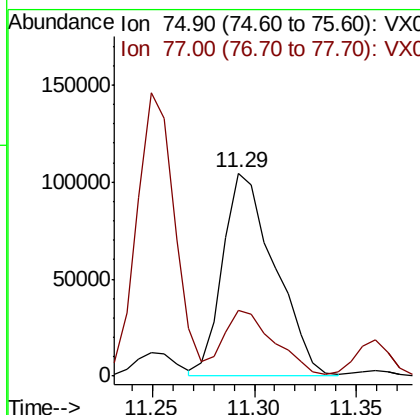
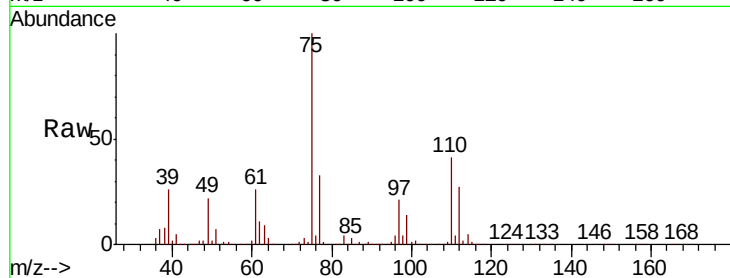




#76
 1,2,3-Trichloropropane
 Concen: 69.547 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX010786.D
 Acq: 10 Jul 2019 18:43

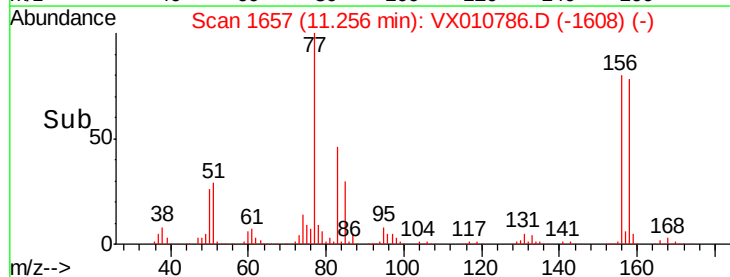
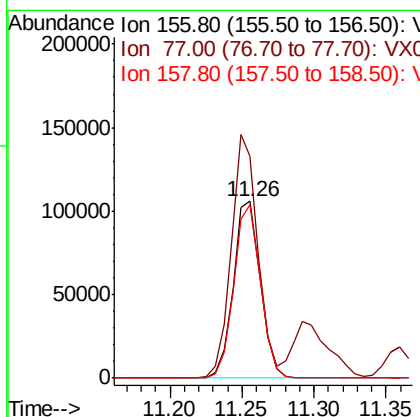
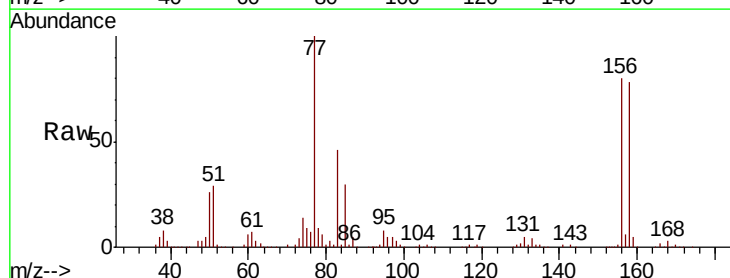
Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-SW-190709MSD

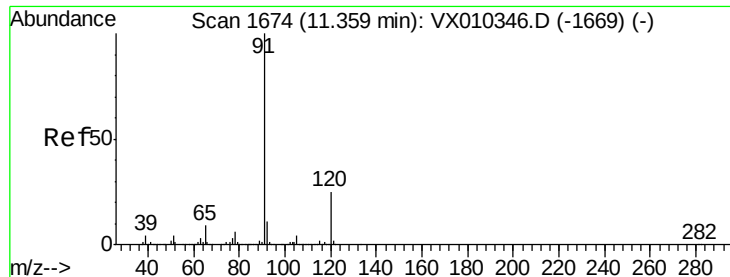
Tot Ion: 75 Resp: 184557
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.6 67.8



#77
 Bromobenzene
 Concen: 50.637 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX010786.D
 Acq: 10 Jul 2019 18:43

Tgt Ion: 156 Resp: 139579
 Ion Ratio Lower Upper
 156 100
 77 134.7 66.3 198.7
 158 96.4 48.9 146.7





#78

n-propylbenzene

Concen: 52.788 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

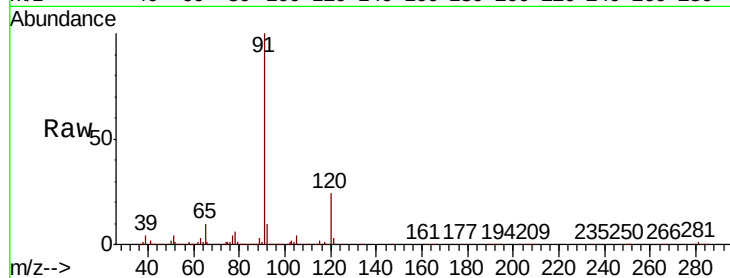
KY030LC068-SW-190709MSD

Tot Ion: 91 Resp: 572722

Ion Ratio Lower Upper

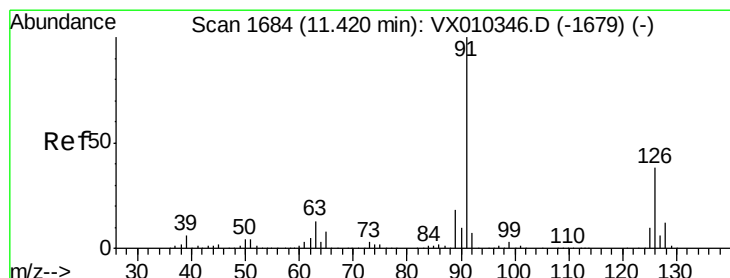
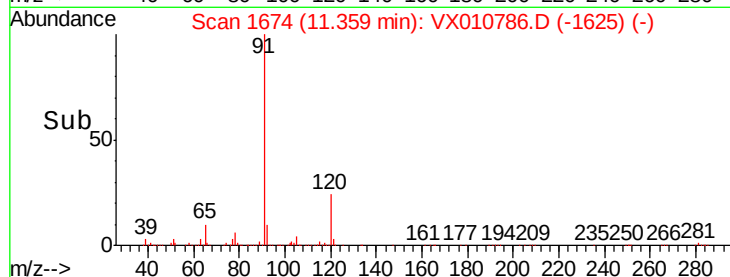
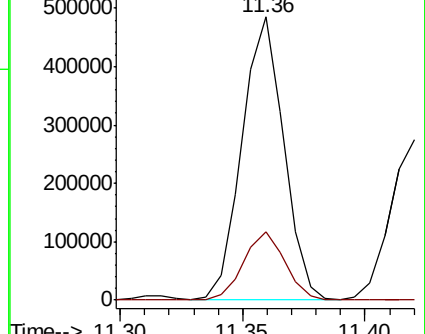
91 100

120 24.1 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 52.057 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010786.D

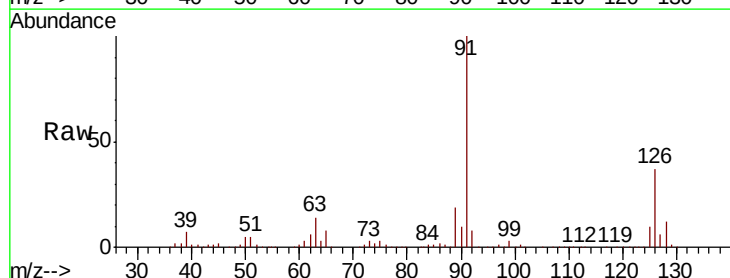
Acq: 10 Jul 2019 18:43

Tgt Ion: 91 Resp: 336316

Ion Ratio Lower Upper

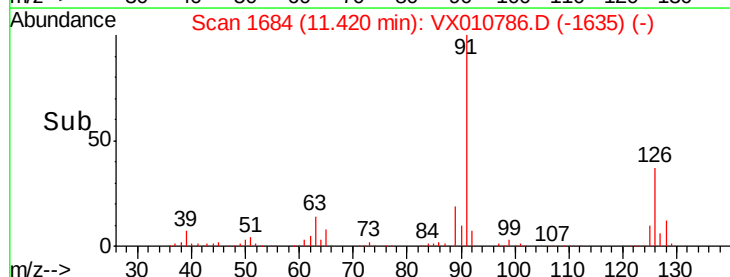
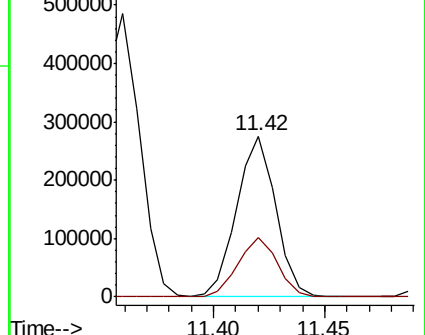
91 100

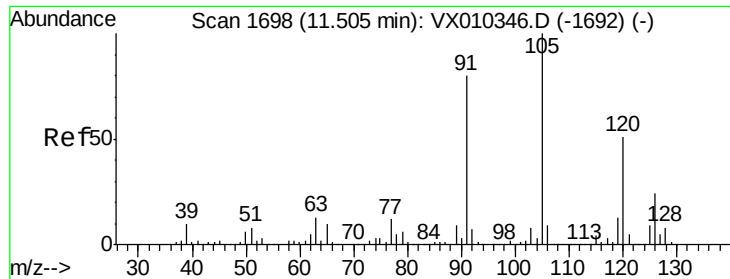
126 37.2 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

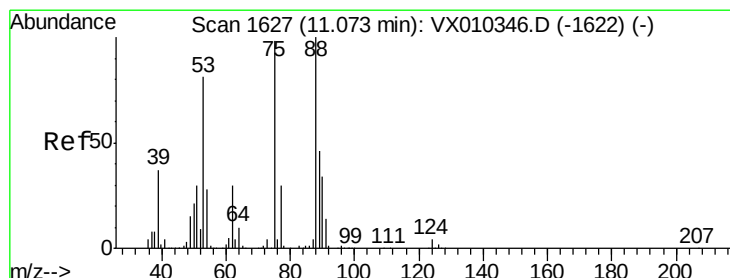
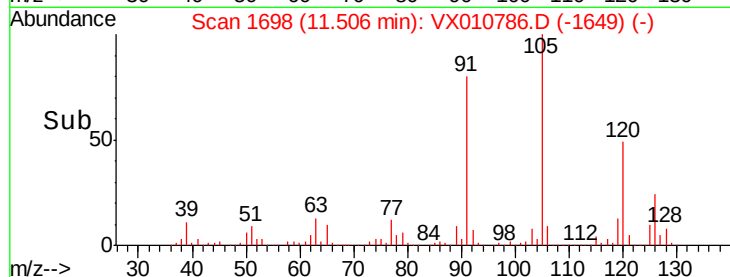
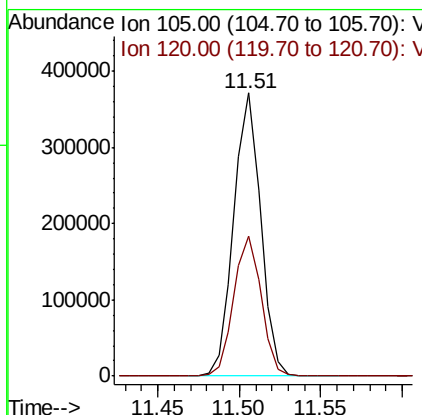
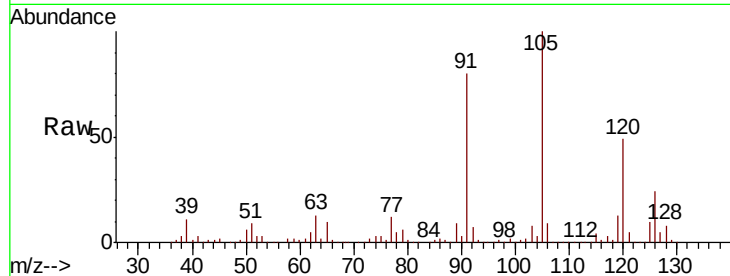




#80
 1,3,5-Trimethylbenzene
 Concen: 52.628 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010786.D
 Acq: 10 Jul 2019 18:43

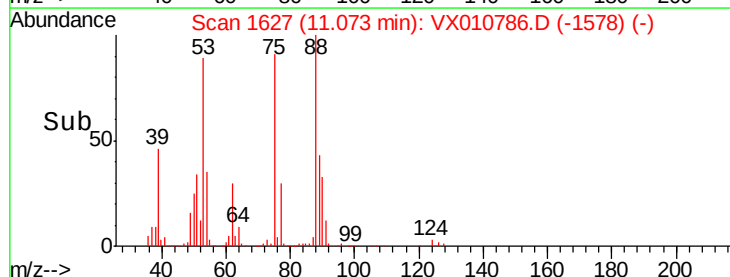
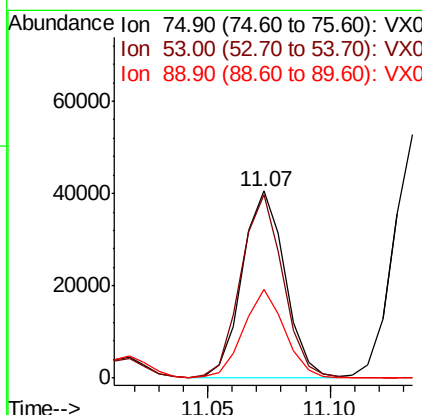
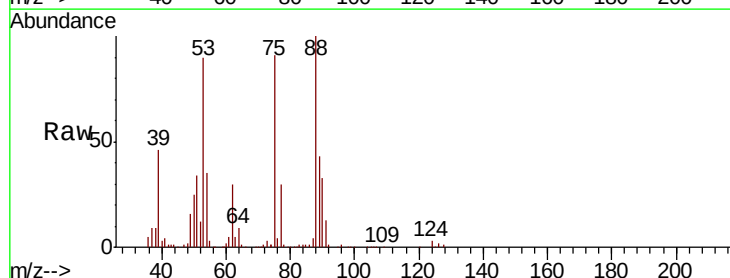
Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-SW-190709MSD

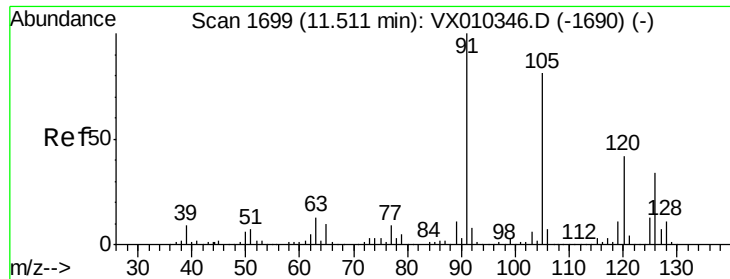
Tot Ion:105 Resp: 428289
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.230 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX010786.D
 Acq: 10 Jul 2019 18:43

Tgt Ion: 75 Resp: 49174
 Ion Ratio Lower Upper
 75 100
 53 96.3 66.1 99.1
 89 45.8 37.8 56.6

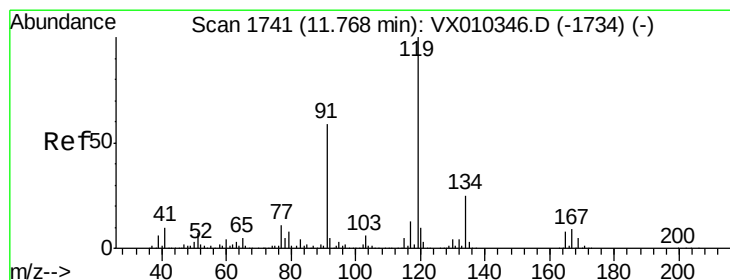
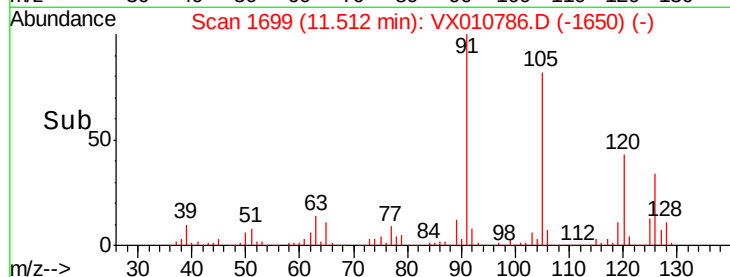
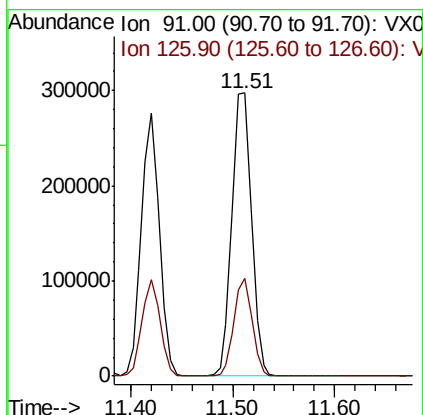
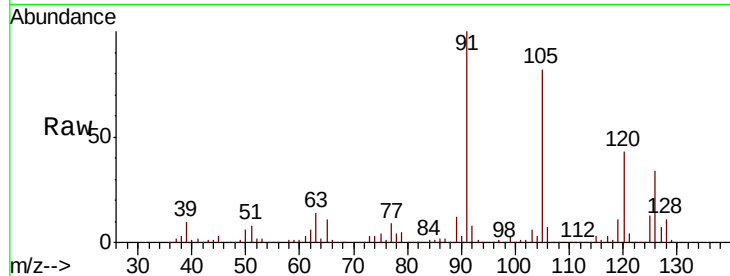




#82
4-Chlorotoluene
Concen: 53.750 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX010786.D
Acq: 10 Jul 2019 18:43

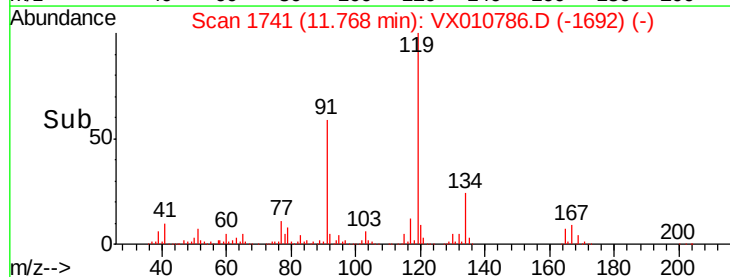
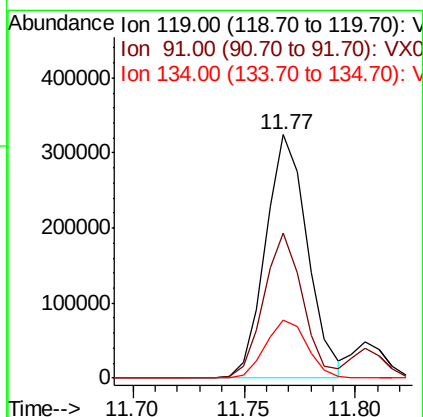
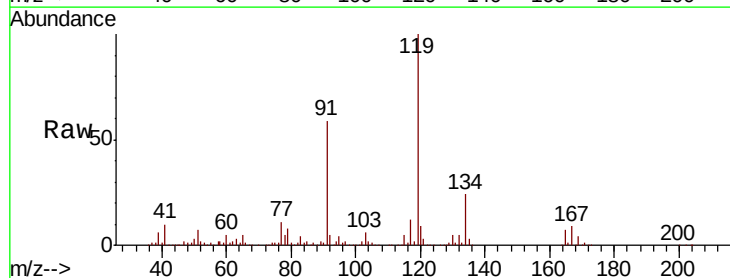
Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-SW-190709MSD

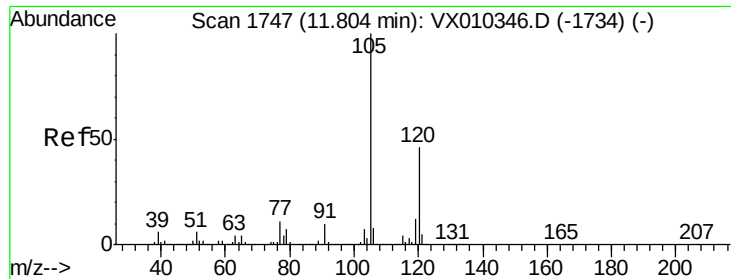
Tot Ion: 91 Resp: 395141
Ion Ratio Lower Upper
91 100
126 31.8 16.2 48.6



#83
tert-Butylbenzene
Concen: 51.829 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010786.D
Acq: 10 Jul 2019 18:43

Tgt Ion: 119 Resp: 423337
Ion Ratio Lower Upper
119 100
91 56.1 27.6 82.7
134 23.9 11.8 35.4

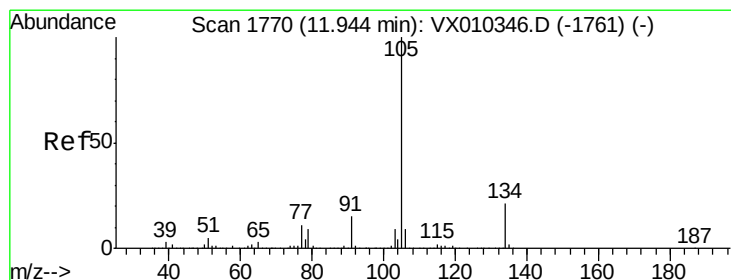
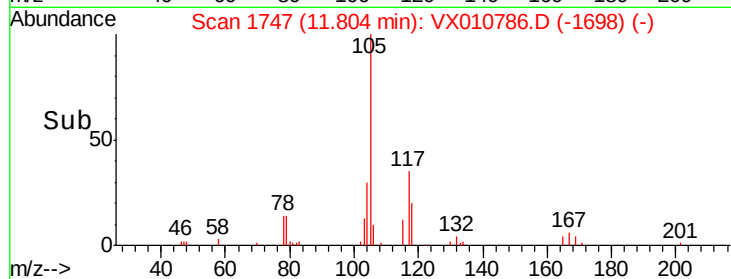
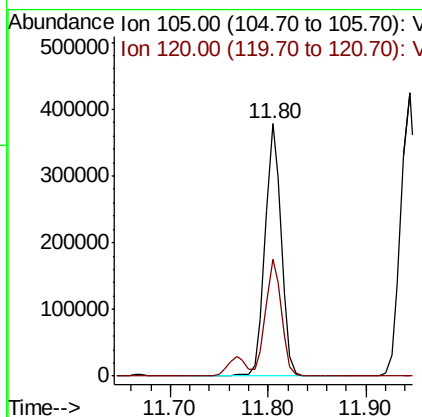
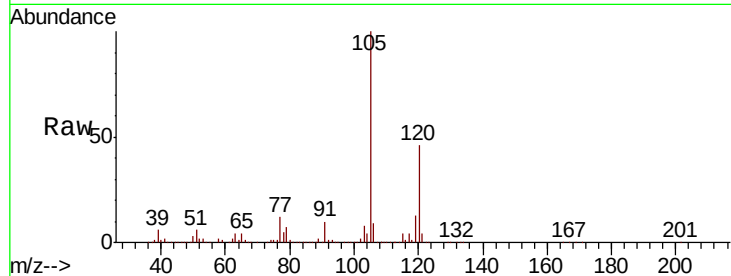




#84
 1,2,4-Trimethylbenzene
 Concen: 53.451 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010786.D
 Acq: 10 Jul 2019 18:43

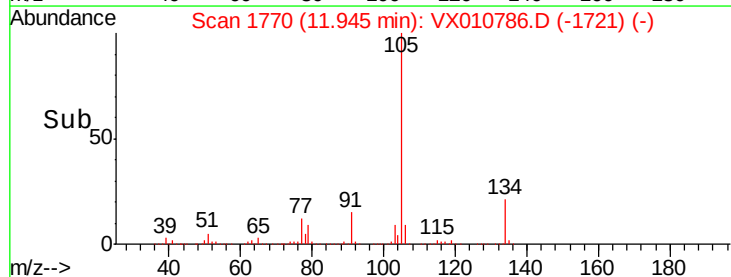
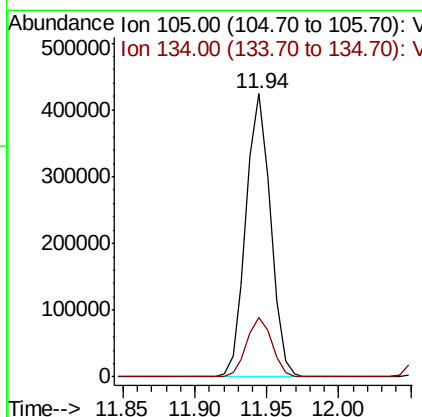
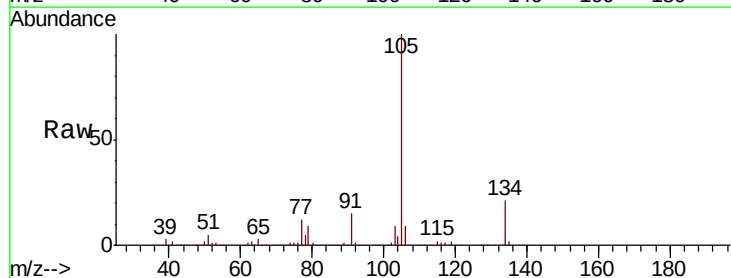
Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-SW-190709MSD

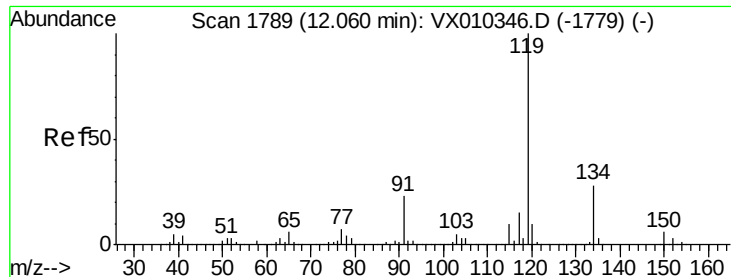
Tot Ion:105 Resp: 437022
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 52.332 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010786.D
 Acq: 10 Jul 2019 18:43

Tgt Ion:105 Resp: 501879
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.7 31.9

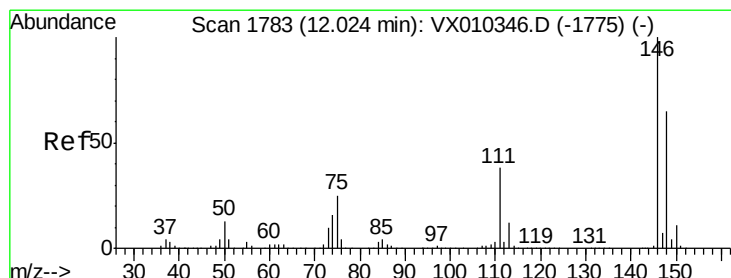
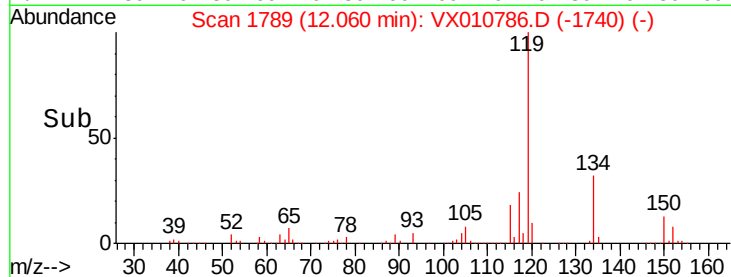
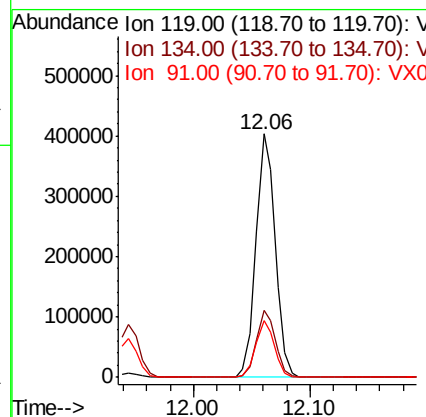
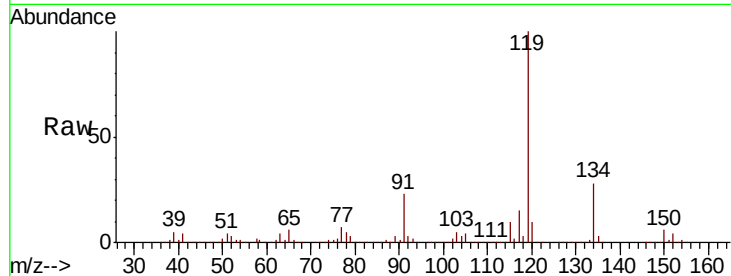




#86
 p-Isopropyltoluene
 Concen: 52.674 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010786.D
 Acq: 10 Jul 2019 18:43

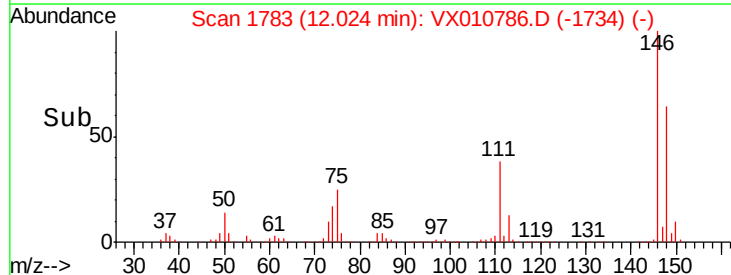
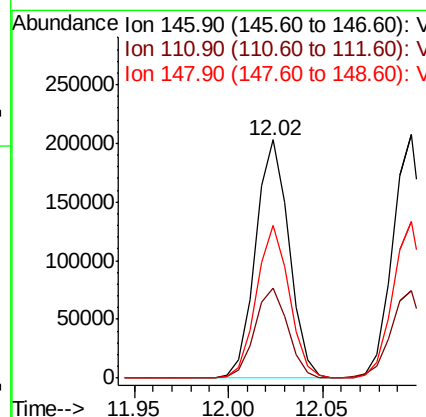
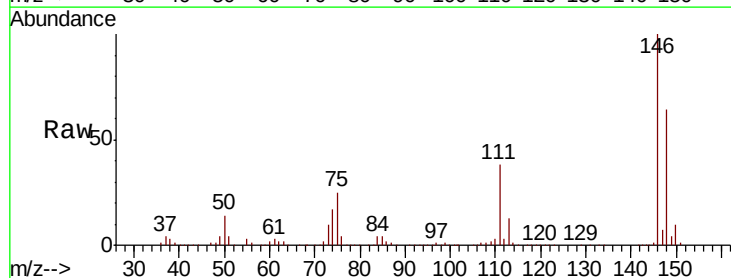
Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-SW-190709MSD

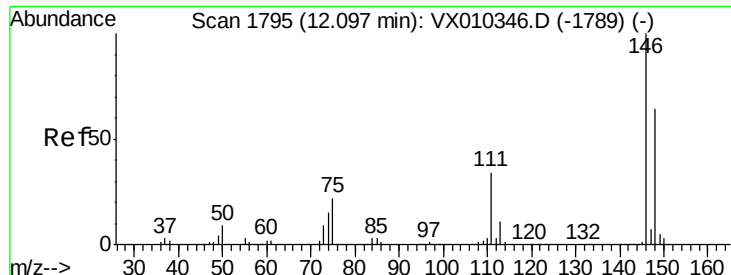
Tot Ion:119 Resp: 467257
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.7 41.1
 91 22.8 11.3 33.8



#87
 1,3-Dichlorobenzene
 Concen: 51.780 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010786.D
 Acq: 10 Jul 2019 18:43

Tgt Ion:146 Resp: 249141
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.1 57.1
 148 62.9 32.5 97.4

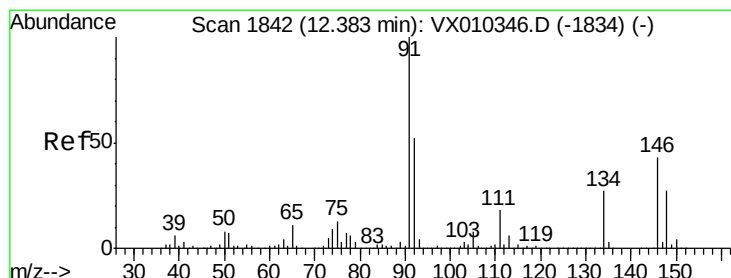
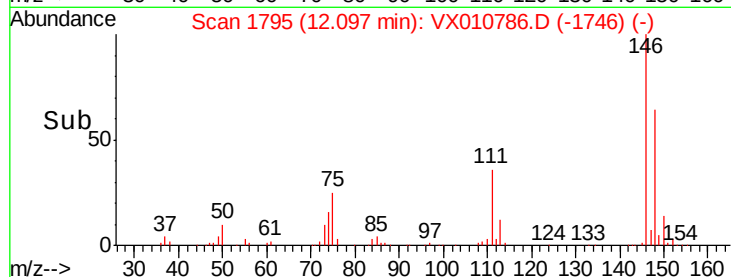
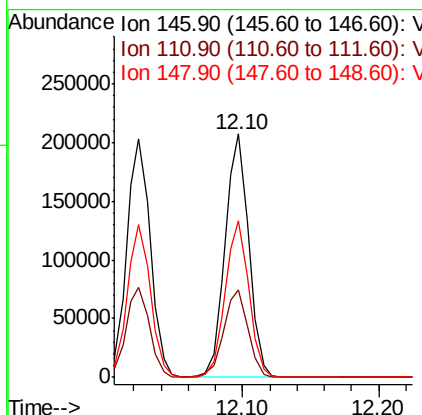
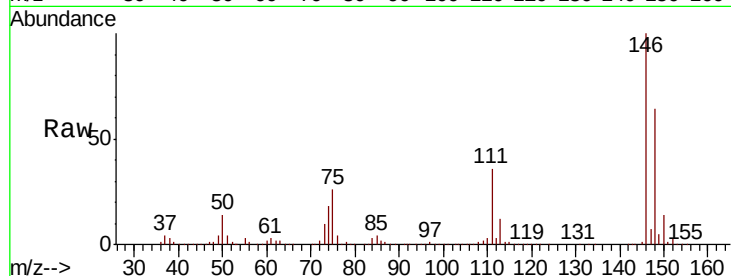




#88
 1,4-Dichlorobenzene
 Concen: 50.690 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010786.D
 Acq: 10 Jul 2019 18:43

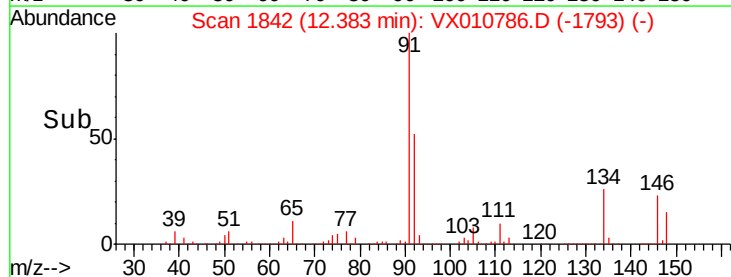
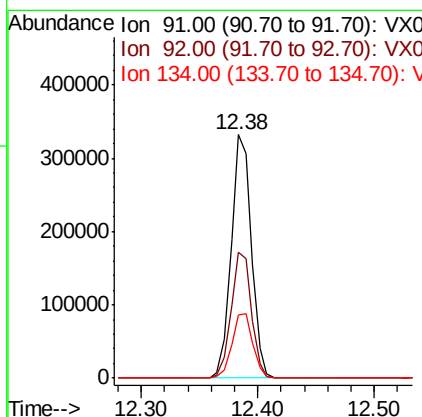
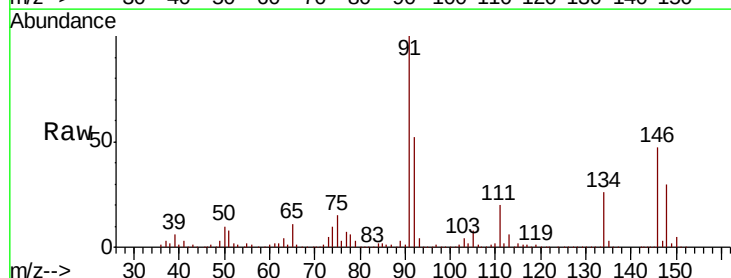
Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-SW-190709MSD

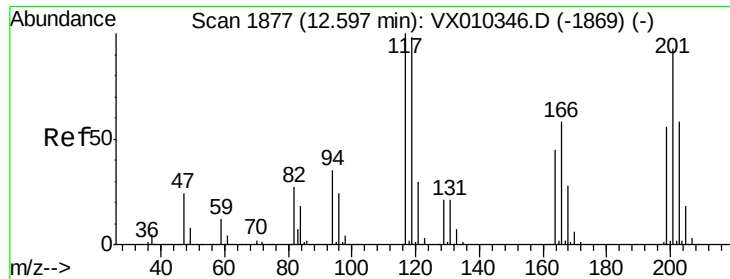
Tot Ion:146 Resp: 248301
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.1 54.3
 148 64.3 32.1 96.3



#89
 n-Butylbenzene
 Concen: 53.089 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX010786.D
 Acq: 10 Jul 2019 18:43

Tgt Ion: 91 Resp: 400183
 Ion Ratio Lower Upper
 91 100
 92 51.9 26.2 78.5
 134 27.4 14.1 42.4

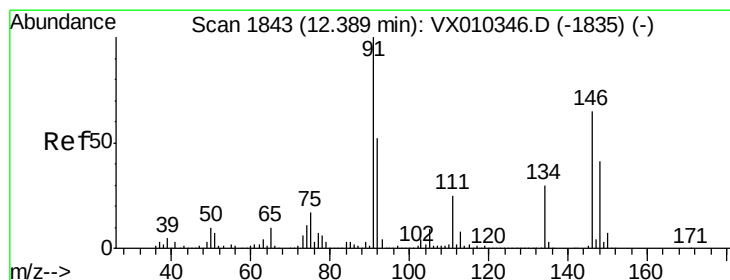
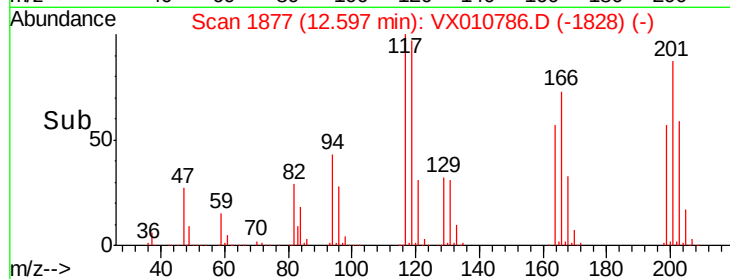
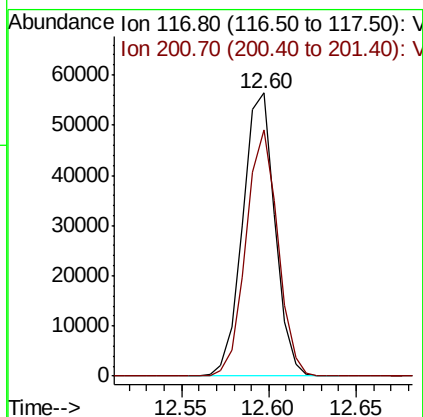
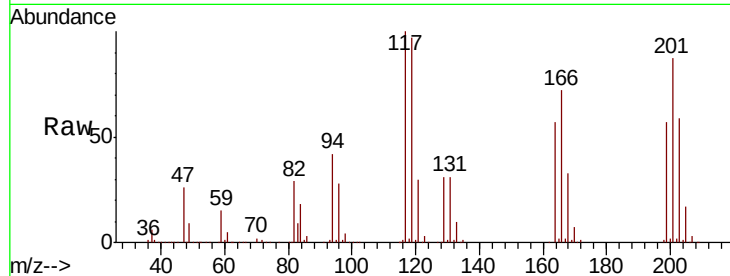




#90
Hexachloroethane
Concen: 47.211 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010786.D
Acq: 10 Jul 2019 18:43

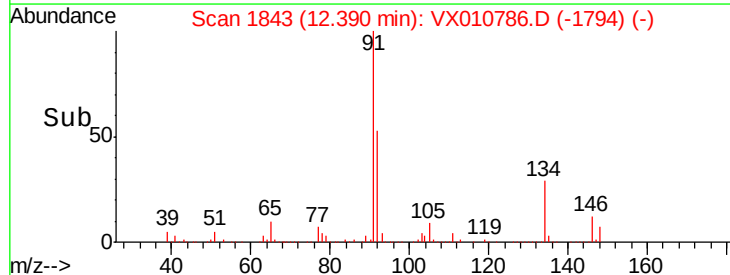
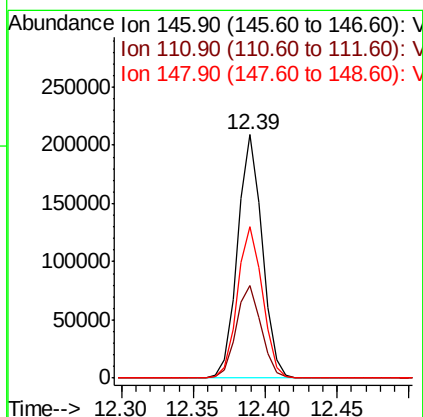
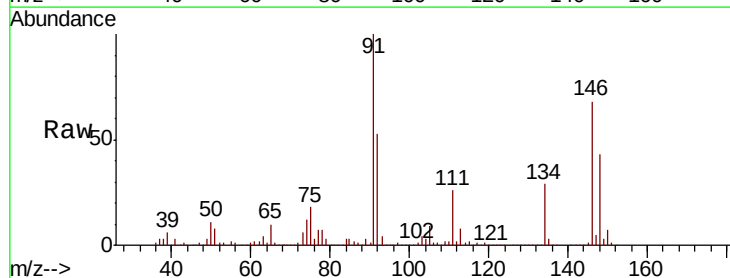
Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-SW-190709MSD

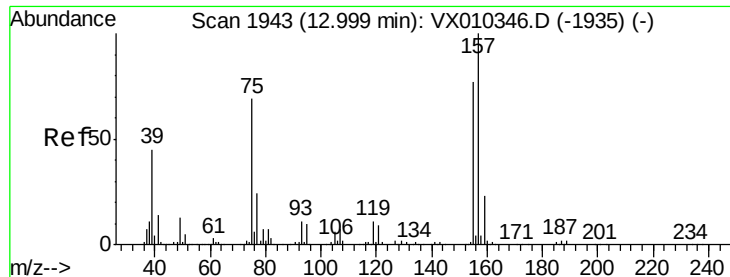
Tot Ion:117 Resp: 72415
Ion Ratio Lower Upper
117 100
201 85.5 44.0 131.8



#91
1,2-Dichlorobenzene
Concen: 52.080 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010786.D
Acq: 10 Jul 2019 18:43

Tgt Ion:146 Resp: 249052
Ion Ratio Lower Upper
146 100
111 38.8 19.2 57.6
148 63.6 32.0 96.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.450 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-SW-190709MSD

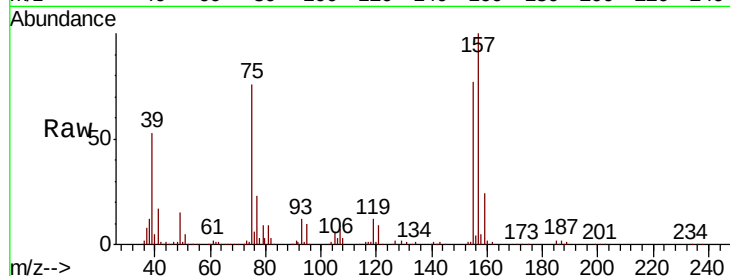
Tot Ion: 75 Resp: 35560

Ion Ratio Lower Upper

75 100

155 99.9 54.4 163.1

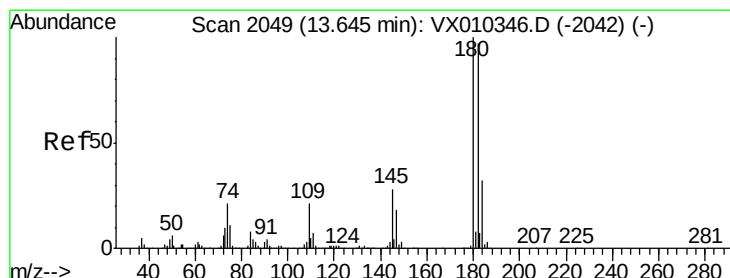
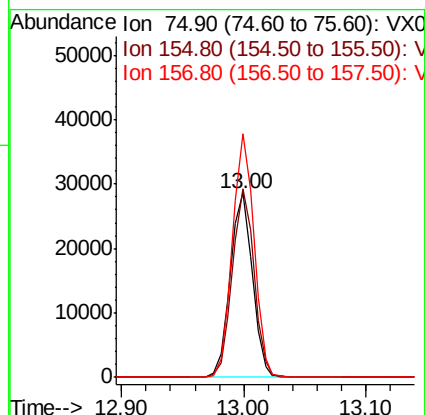
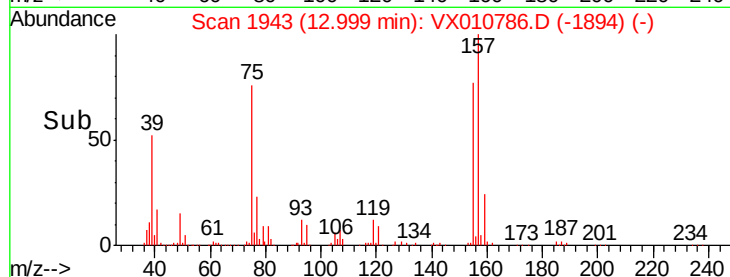
157 128.8 69.5 208.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 49.645 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

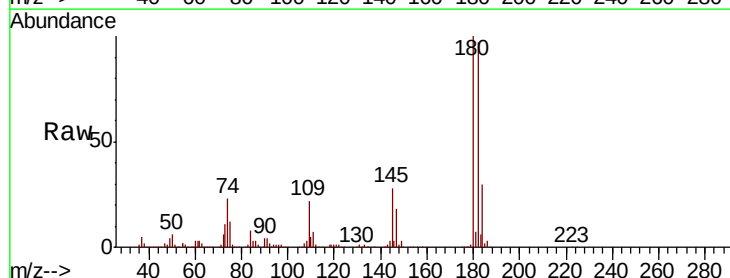
Tgt Ion:180 Resp: 164639

Ion Ratio Lower Upper

180 100

182 96.0 48.0 144.0

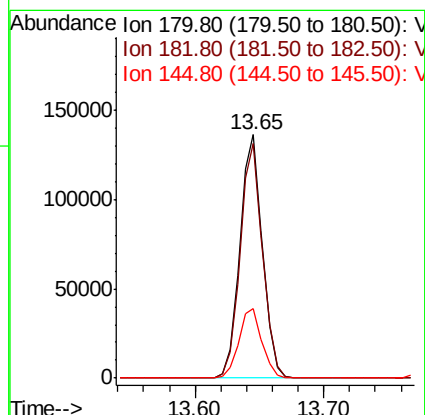
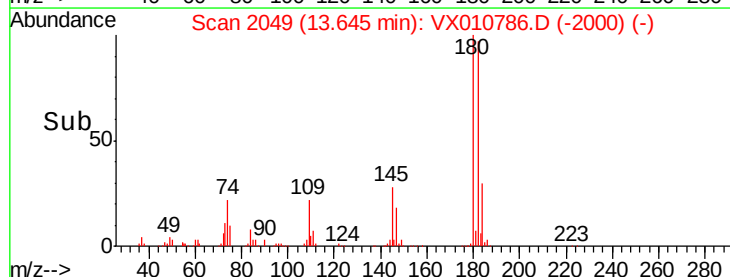
145 29.1 14.4 43.4

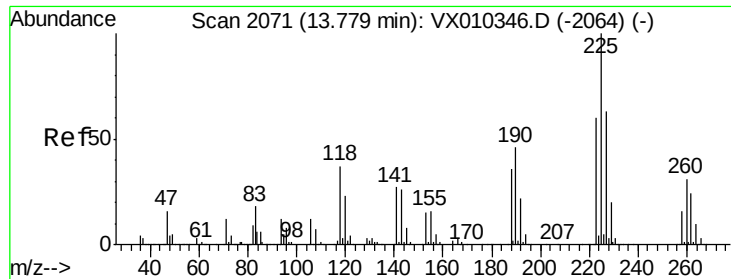


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 48.790 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-SW-190709MSD

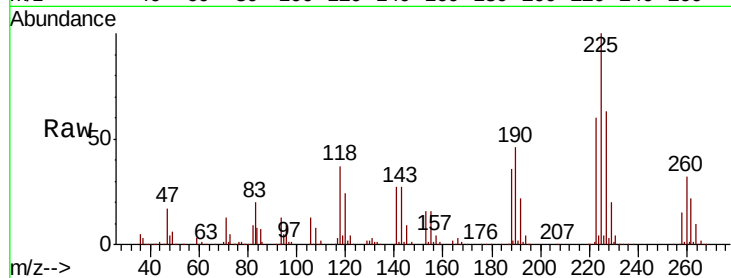
Tot Ion:225 Resp: 79078

Ion Ratio Lower Upper

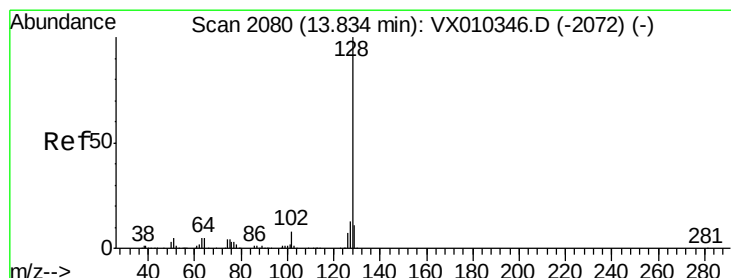
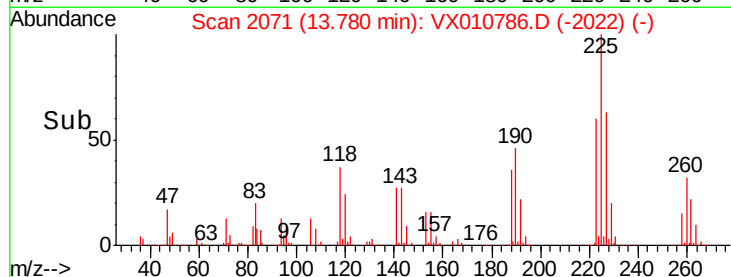
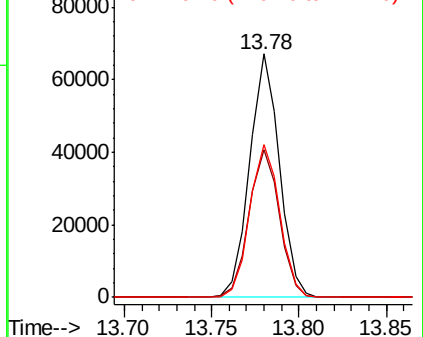
225 100

223 61.8 30.9 92.7

227 63.2 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: 50.748 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010786.D

Acq: 10 Jul 2019 18:43

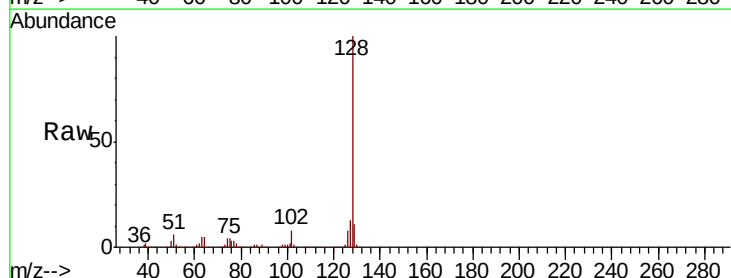
Tgt Ion:128 Resp: 517183

Ion Ratio Lower Upper

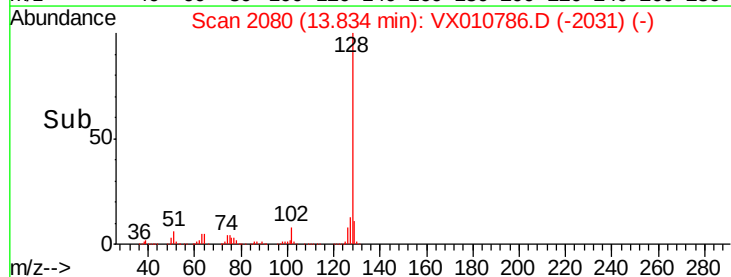
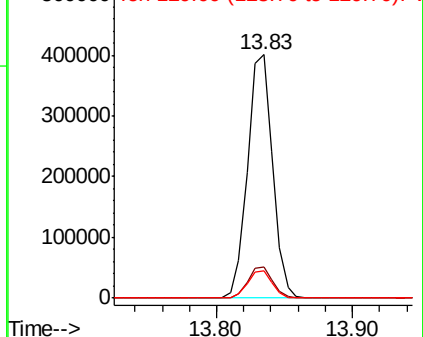
128 100

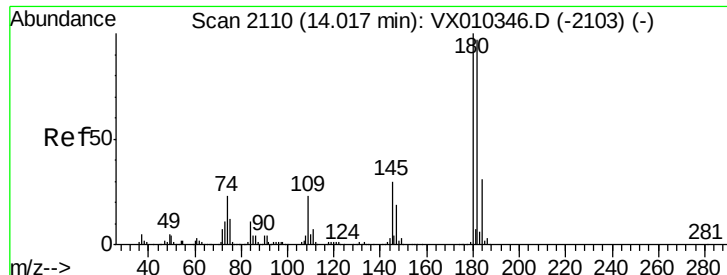
127 12.8 10.2 15.4

129 11.0 8.9 13.3



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

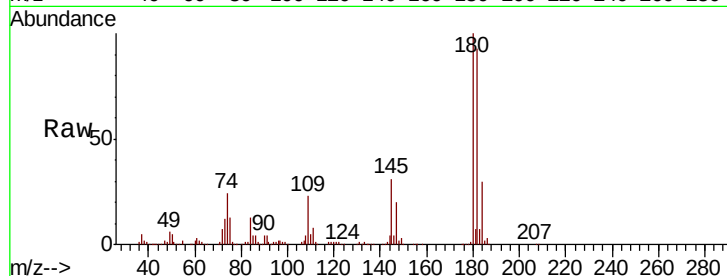




#96
 1,2,3-Trichlorobenzene
 Concen: 51.586 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX010786.D
 Acq: 10 Jul 2019 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-SW-190709MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.8	143.3
145	31.1	15.2	45.6



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

