

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071019\
 Data File : VX010785.D
 Acq On : 10 Jul 2019 18:19
 Operator : JC/SP
 Sample : K3732-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-SW-190709MS

Quant Time: Jul 11 01:17:09 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	199391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	300738	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	278831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151323	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	95210	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	
35) Dibromofluoromethane	5.50	113	90663	49.27	ug/l	0.00
Spiked Amount			Recovery	=	98.54%	
50) Toluene-d8	8.71	98	331033	47.02	ug/l	0.00
Spiked Amount			Recovery	=	94.04%	
62) 4-Bromofluorobenzene	11.13	95	124421	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	78563	56.674	ug/l	99
3) Chloromethane	1.32	50	84843	52.561	ug/l	97
4) Vinyl Chloride	1.41	62	90753	51.331	ug/l	99
5) Bromomethane	1.64	94	47960	55.681	ug/l	97
6) Chloroethane	1.71	64	59026	56.588	ug/l	97
7) Trichlorofluoromethane	1.93	101	158508	56.555	ug/l	98
8) Diethyl Ether	2.19	74	55370	55.090	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	88786	52.275	ug/l	98
10) Methyl Iodide	2.51	142	121731	50.220	ug/l	97
11) Tert butyl alcohol	3.05	59	102148	208.813	ug/l	98
12) 1,1-Dichloroethene	2.37	96	89374	51.713	ug/l	99
13) Acrolein	2.29	56	71797	221.246	ug/l	100
14) Allyl chloride	2.73	41	127016	51.766	ug/l	97
15) Acrylonitrile	3.14	53	262739	271.276	ug/l	100
16) Acetone	2.45	43	209469	223.569	ug/l	95
17) Carbon Disulfide	2.57	76	213623	46.072	ug/l	100
18) Methyl Acetate	2.78	43	95135	50.946	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	288175	53.003	ug/l	98
20) Methylene Chloride	2.85	84	103406	53.630	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	95185	51.208	ug/l	99
22) Diisopropyl ether	3.85	45	276736	53.944	ug/l	96
23) Vinyl Acetate	3.82	43	1142317	257.755	ug/l	98
24) 1,1-Dichloroethane	3.70	63	156899	52.911	ug/l	99
25) 2-Butanone	4.67	43	349165	254.056	ug/l	99
26) 2,2-Dichloropropane	4.58	77	112851	43.809	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	111219	51.779	ug/l	99
28) Bromochloromethane	5.01	49	69122	48.754	ug/l	94
29) Tetrahydrofuran	5.13	42	227147	266.828	ug/l	98
30) Chloroform	5.21	83	170523	53.446	ug/l	100
31) Cyclohexane	5.58	56	141427	52.373	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	146092	51.857	ug/l	99
36) 1,1-Dichloropropene	5.80	75	123247	51.571	ug/l	97
37) Ethyl Acetate	4.83	43	126211	51.335	ug/l	99
38) Carbon Tetrachloride	5.78	117	128617	49.700	ug/l	100

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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	152705	48.611	ug/l	96
40) Benzene	6.14	78	383022	51.444	ug/l	99
41) Methacrylonitrile	5.04	41	72464	53.718	ug/l	98
42) 1,2-Dichloroethane	6.19	62	127775	56.378	ug/l	98
43) Isopropyl Acetate	6.45	43	206303	50.718	ug/l	98
44) Trichloroethene	7.21	130	112364	50.436	ug/l	97
45) 1,2-Dichloropropane	7.51	63	97215	51.705	ug/l	99
46) Dibromomethane	7.66	93	69563	51.567	ug/l	98
47) Bromodichloromethane	7.90	83	126346	51.107	ug/l	100
48) Methyl methacrylate	7.77	41	102809	54.376	ug/l	99
49) 1,4-Dioxane	7.74	88	50002	918.038	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	716492	275.414	ug/l	97
52) Toluene	8.78	92	252196	51.436	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	133014	47.991	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	146848	48.754	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	104649	51.751	ug/l	99
56) Ethyl methacrylate	9.18	69	160033	52.242	ug/l	96
57) 1,3-Dichloropropane	9.37	76	165602	52.757	ug/l	99
59) 2-Hexanone	9.49	43	555005	271.067	ug/l	98
60) Dibromochloromethane	9.58	129	112099	49.511	ug/l	100
61) 1,2-Dibromoethane	9.67	107	113292	51.905	ug/l	100
64) Tetrachloroethene	9.34	164	109166	48.405	ug/l	98
65) Chlorobenzene	10.13	112	284221	50.209	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	103164	50.032	ug/l	99
67) Ethyl Benzene	10.25	91	490392	51.314	ug/l	98
68) m/p-Xylenes	10.36	106	381843	103.118	ug/l	100
69) o-Xylene	10.69	106	186387	51.184	ug/l	98
70) Stvrene	10.71	104	321936	52.716	ug/l	99
71) Bromoform	10.85	173	84437	47.089	ug/l #	100
73) Isopropylbenzene	11.02	105	495990	48.352	ug/l	99
74) N-amyl acetate	10.90	43	186534	48.117	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	168748	49.674	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	181208	65.715	ug/l	80
77) Bromobenzene	11.26	156	137611	48.044	ug/l	99
78) n-propylbenzene	11.36	91	556989	49.406	ug/l	99
79) 2-Chlorotoluene	11.42	91	328916	48.995	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	415417	49.125	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	47029	39.787	ug/l	90
82) 4-Chlorotoluene	11.51	91	381508	49.942	ug/l	100
83) tert-Butylbenzene	11.77	119	408952	48.183	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	423664	49.866	ug/l	100
85) sec-Butylbenzene	11.94	105	486495	48.818	ug/l	99
86) p-Isopropyltoluene	12.06	119	454115	49.265	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	239018	47.806	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	240960	47.339	ug/l	99
89) n-Butylbenzene	12.38	91	389519	49.729	ug/l	99
90) Hexachloroethane	12.60	117	69210	43.423	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	237656	47.826	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	33883	46.261	ug/l	92
93) 1,2,4-Trichlorobenzene	13.65	180	160582	46.599	ug/l	99

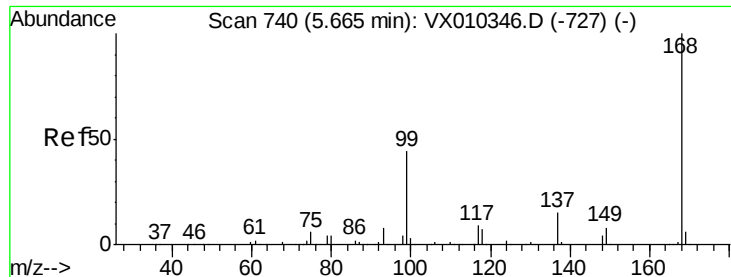
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071019\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	79263	47.063	ug/l	99
95) Naphthalene	13.83	128	498820	47.104	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	161957	47.270	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

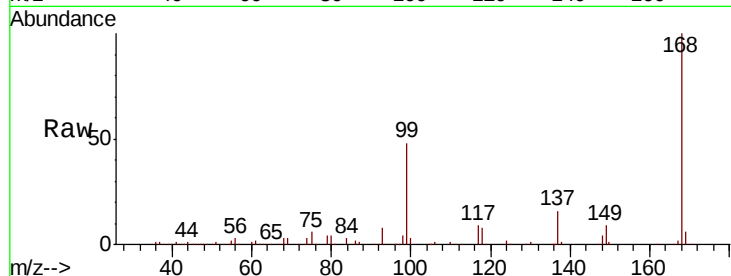
KY030LC068-SW-190709MS

Tot Ion:168 Resp: 199391

Ion Ratio Lower Upper

168 100

99 47.4 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

80000

60000

40000

20000

0

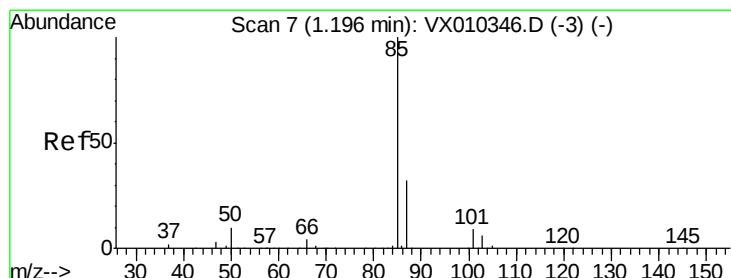
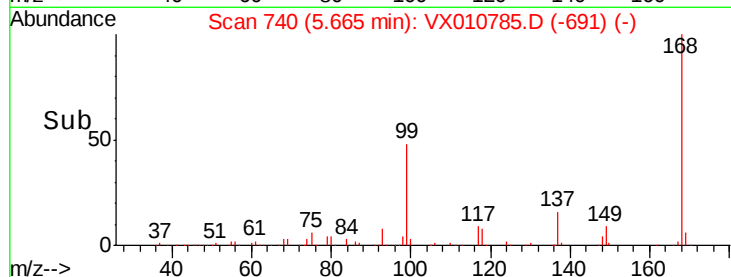
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 56.674 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010785.D

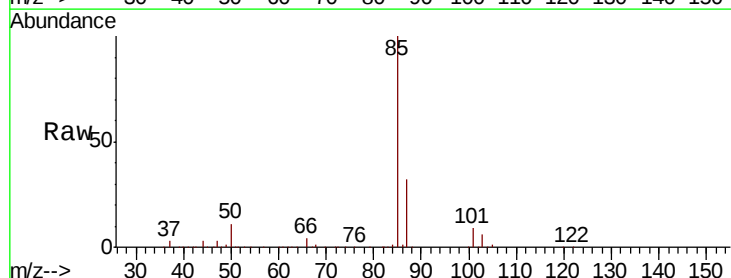
Acq: 10 Jul 2019 18:19

Tgt Ion: 85 Resp: 78563

Ion Ratio Lower Upper

85 100

87 32.2 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

80000

60000

40000

20000

0

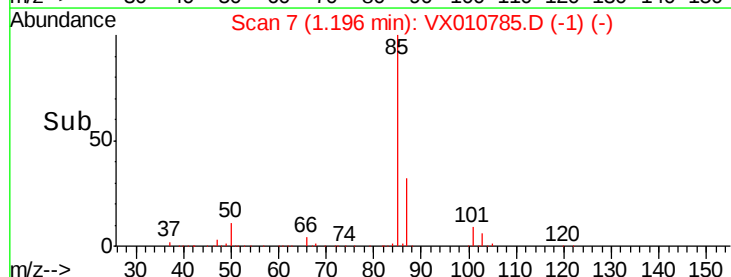
Time-->

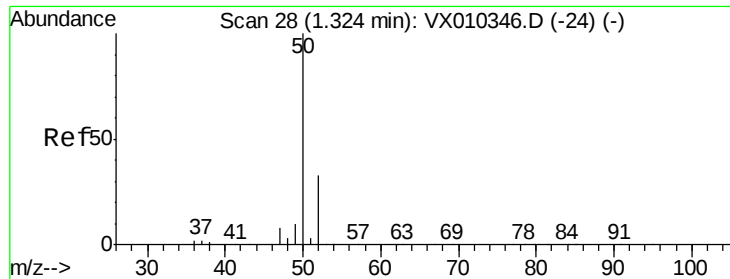
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 52.561 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

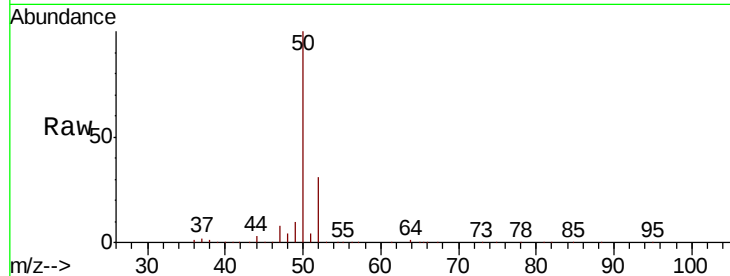
KY030LC068-SW-190709MS

Tot Ion: 50 Resp: 84843

Ion Ratio Lower Upper

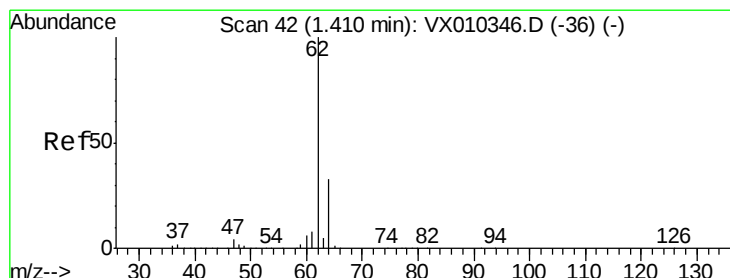
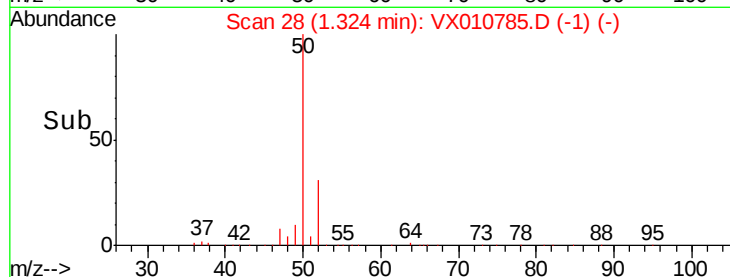
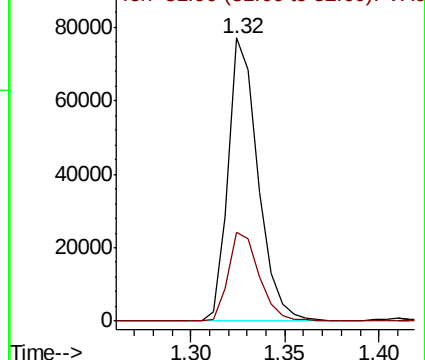
50 100

52 31.3 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: 51.331 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010785.D

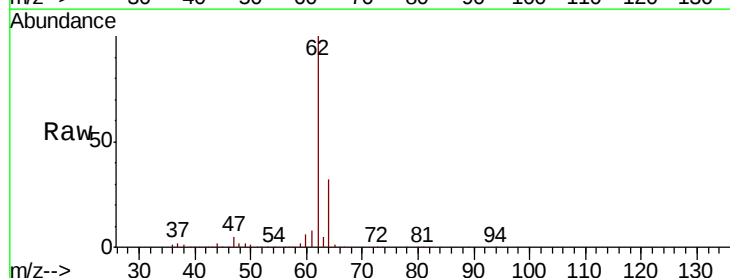
Acq: 10 Jul 2019 18:19

Tgt Ion: 62 Resp: 90753

Ion Ratio Lower Upper

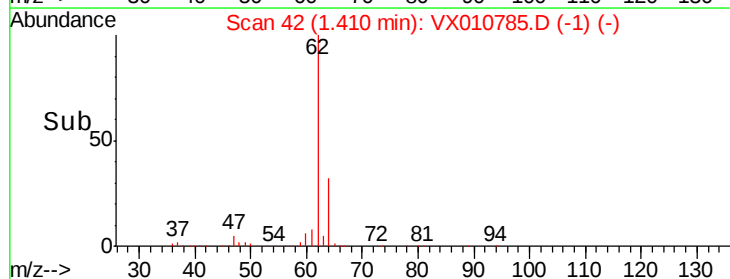
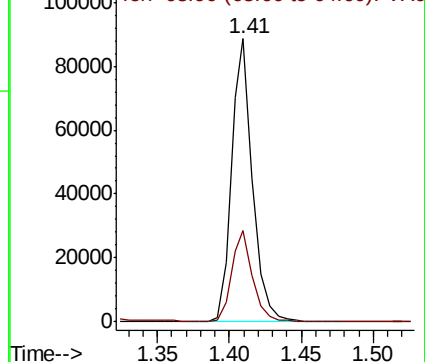
62 100

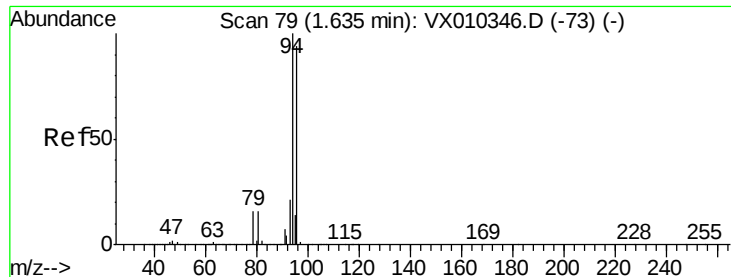
64 32.2 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 55.681 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

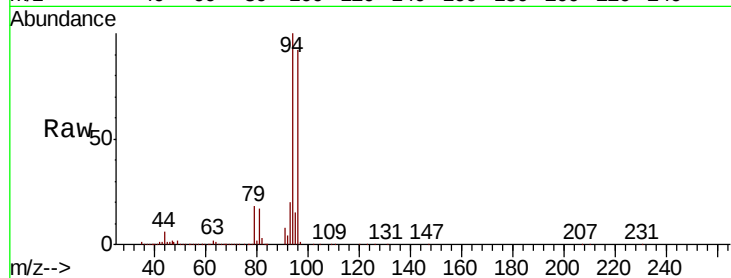
KY030LC068-SW-190709MS

Tot Ion: 94 Resp: 47960

Ion Ratio Lower Upper

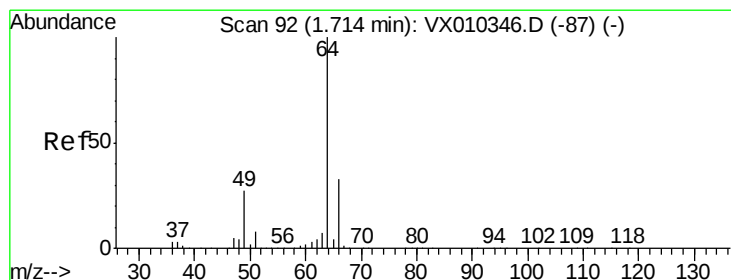
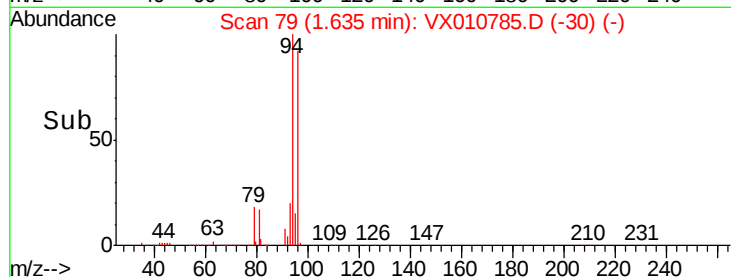
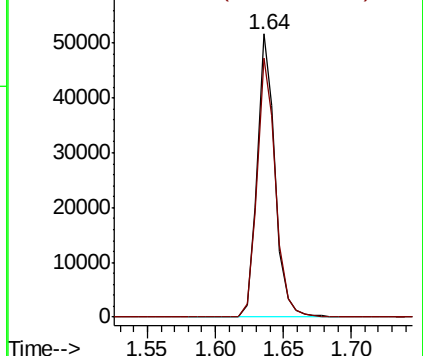
94 100

96 91.7 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 56.588 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010785.D

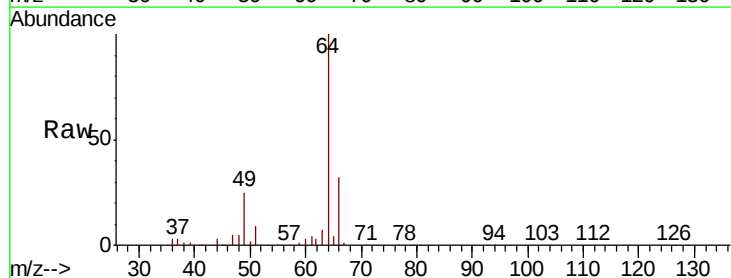
Acq: 10 Jul 2019 18:19

Tgt Ion: 64 Resp: 59026

Ion Ratio Lower Upper

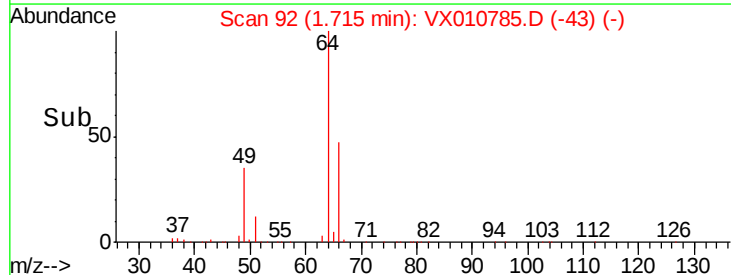
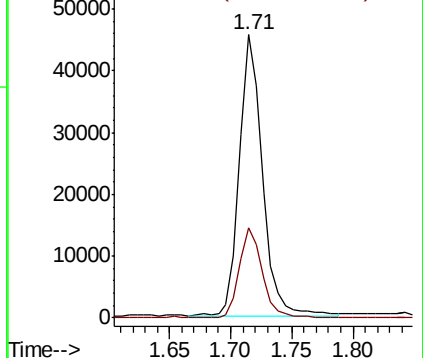
64 100

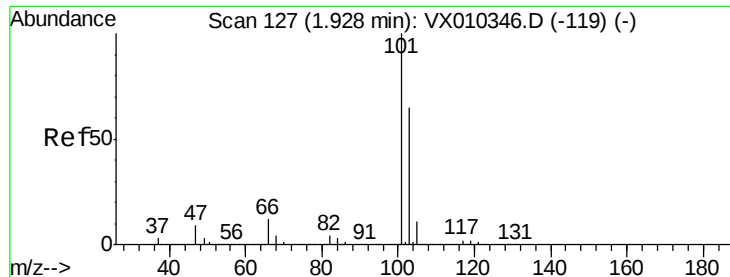
66 31.8 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



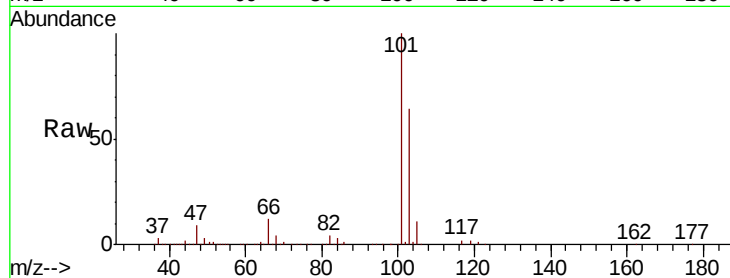


#7

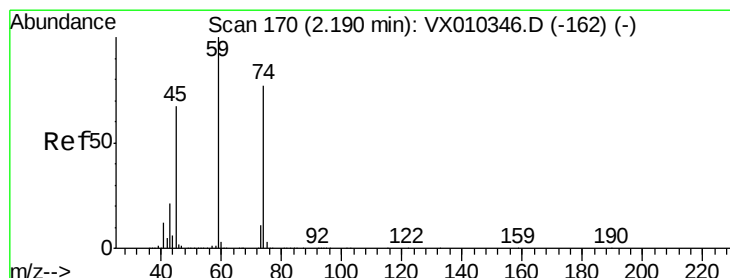
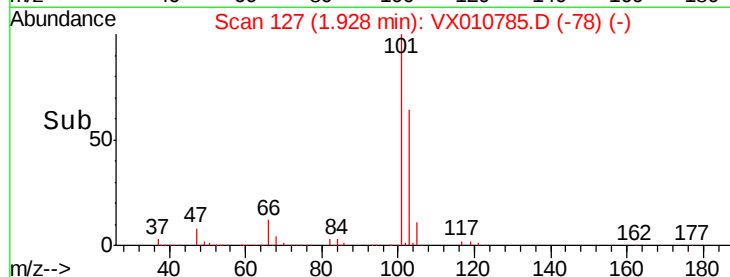
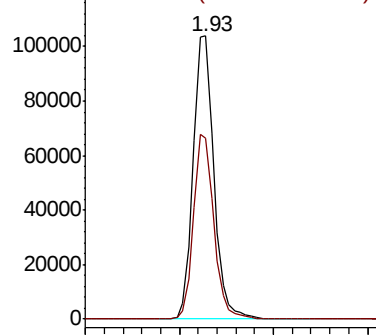
Trichlorofluoromethane
Concen: 56.555 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010785.D
Acq: 10 Jul 2019 18:19

Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-SW-190709MS

Tot Ion:101 Resp: 158508
Ion Ratio Lower Upper
101 100
103 64.1 52.3 78.5



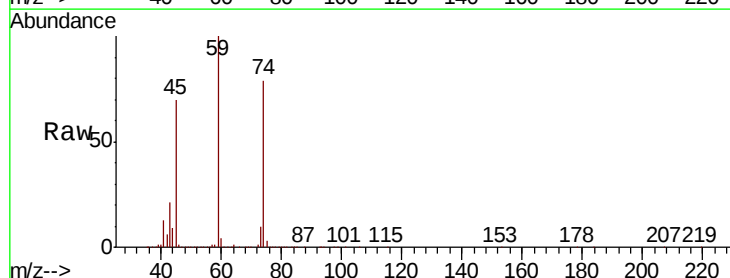
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



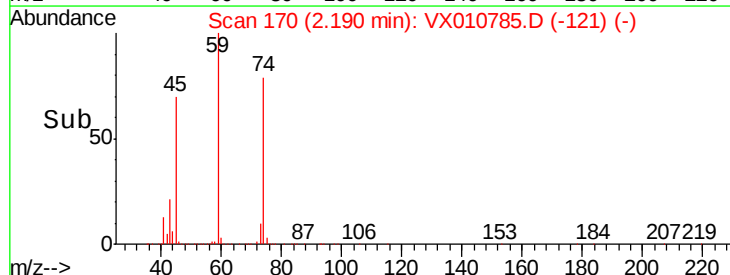
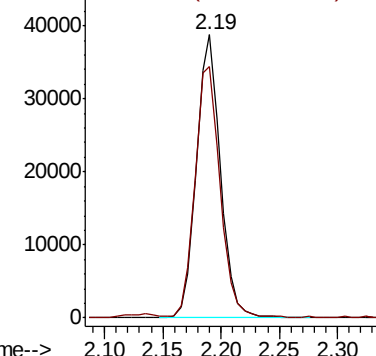
#8

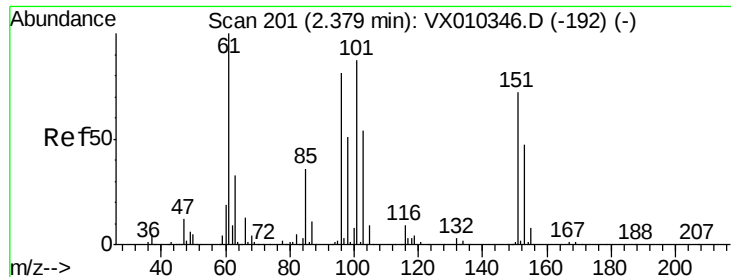
Diethyl Ether
Concen: 55.090 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010785.D
Acq: 10 Jul 2019 18:19

Tgt Ion: 74 Resp: 55370
Ion Ratio Lower Upper
74 100
45 93.5 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: 52.275 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010785.D

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KY030LC068-SW-190709MS

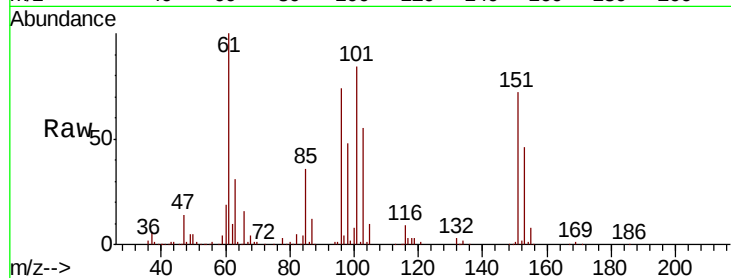
Tot Ion:101 Resp: 88786

Ion Ratio Lower Upper

101 100

85 43.0 33.7 50.5

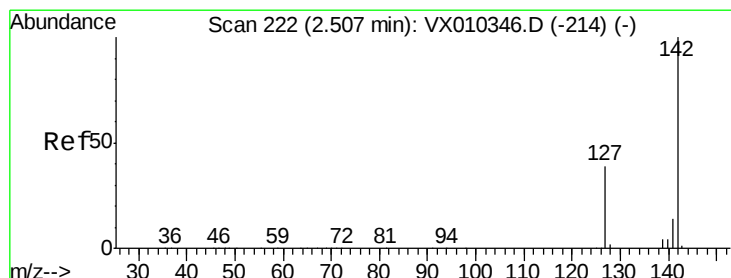
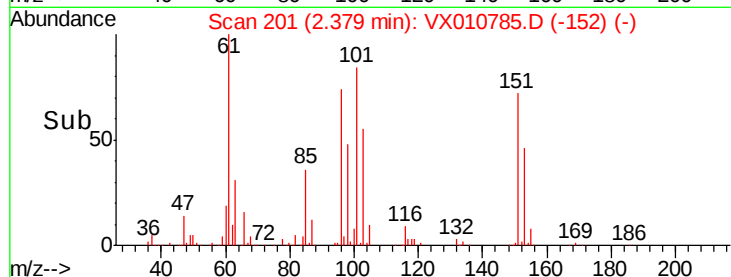
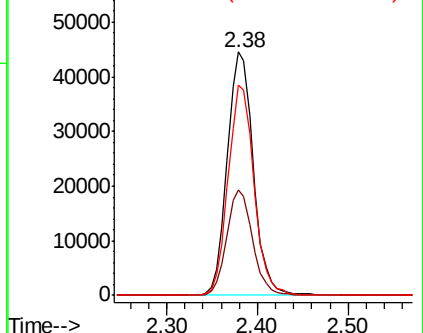
151 85.7 70.1 105.1



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: 50.220 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

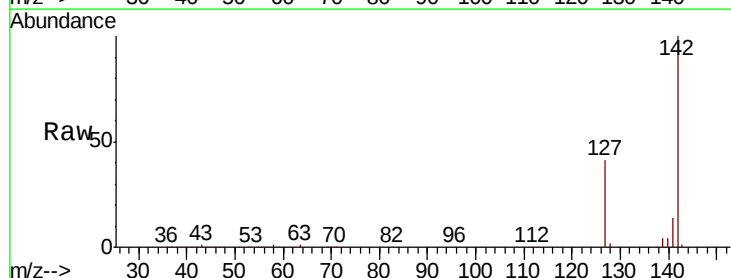
Tgt Ion:142 Resp: 121731

Ion Ratio Lower Upper

142 100

127 41.4 31.1 46.7

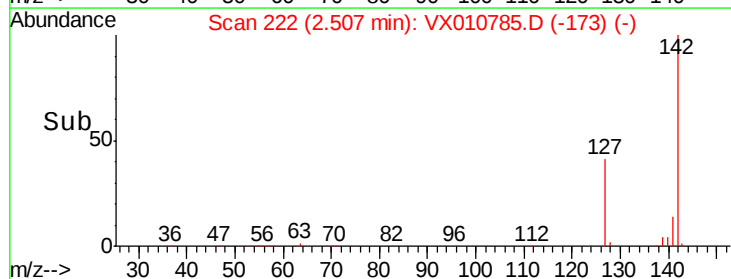
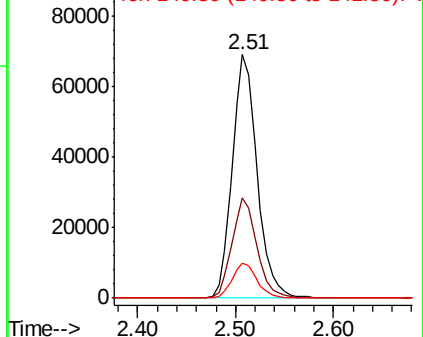
141 14.3 11.2 16.8

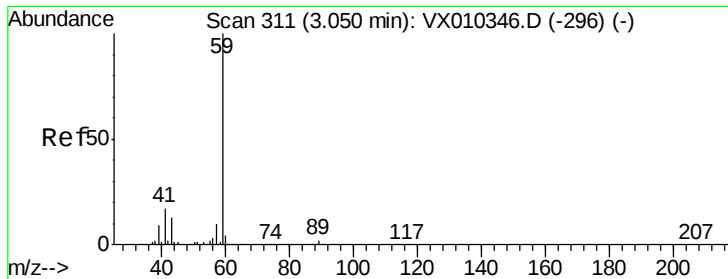


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

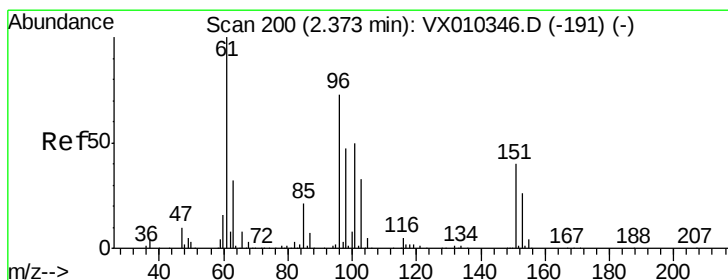
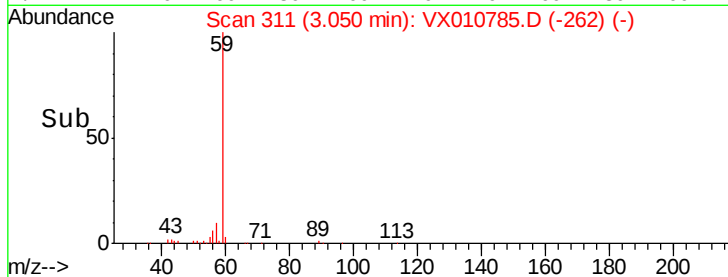
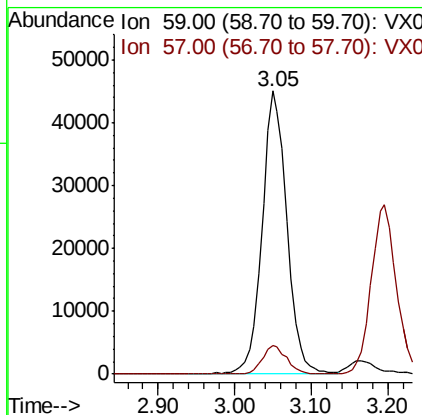
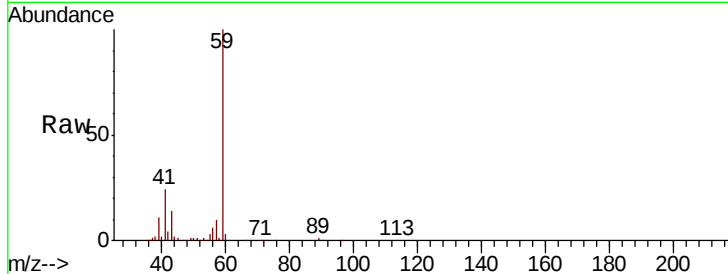




#11
Tert butyl alcohol
Concen: 208.813 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010785.D
Acq: 10 Jul 2019 18:19

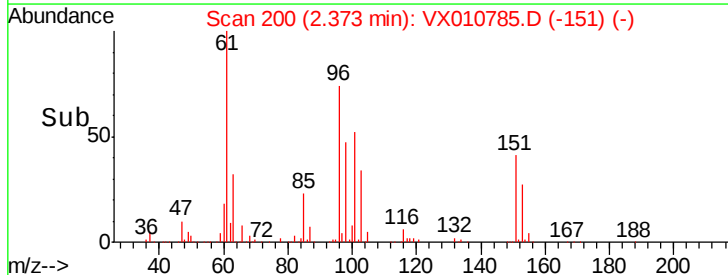
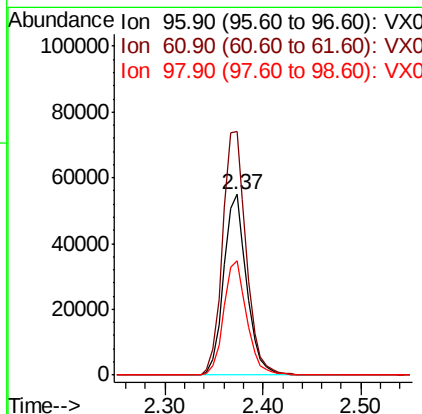
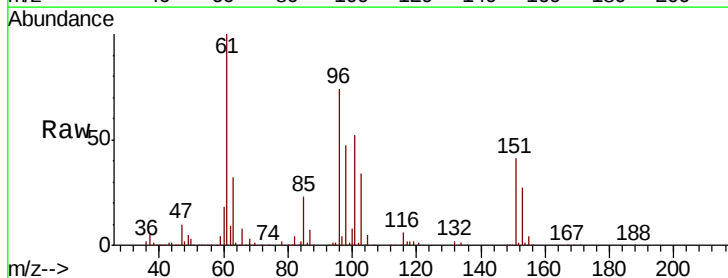
Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-SW-190709MS

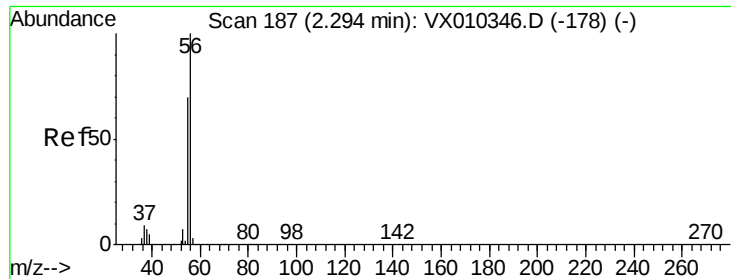
Tot Ion: 59 Resp: 102148
Ion Ratio Lower Upper
59 100
57 10.2 7.7 11.5



#12
1,1-Dichloroethene
Concen: 51.713 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010785.D
Acq: 10 Jul 2019 18:19

Tgt Ion: 96 Resp: 89374
Ion Ratio Lower Upper
96 100
61 135.0 109.2 163.8
98 63.6 51.1 76.7





#13

Acrolein

Concen: 221.246 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

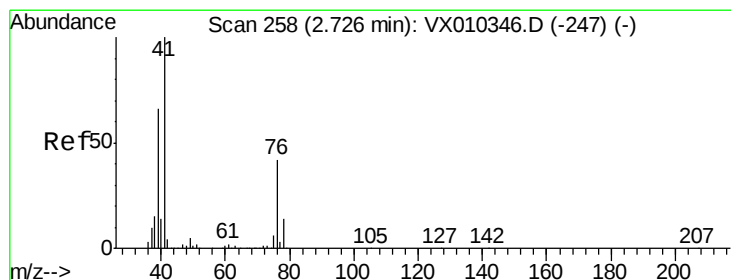
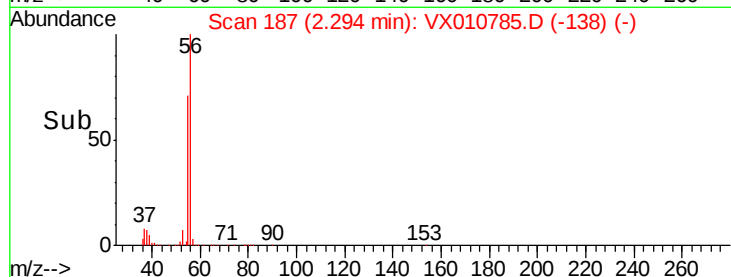
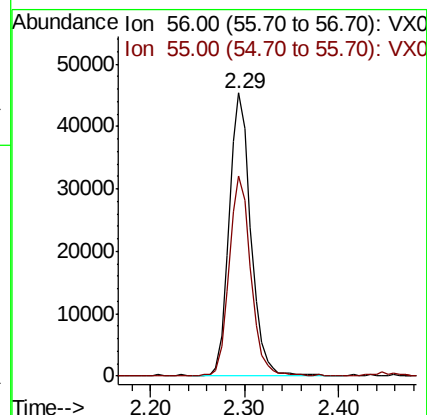
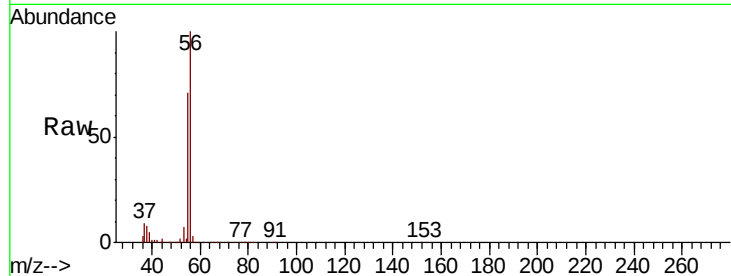
KY030LC068-SW-190709MS

Tot Ion: 56 Resp: 71797

Ion Ratio Lower Upper

56 100

55 70.8 56.9 85.3



#14

Allyl chloride

Concen: 51.766 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

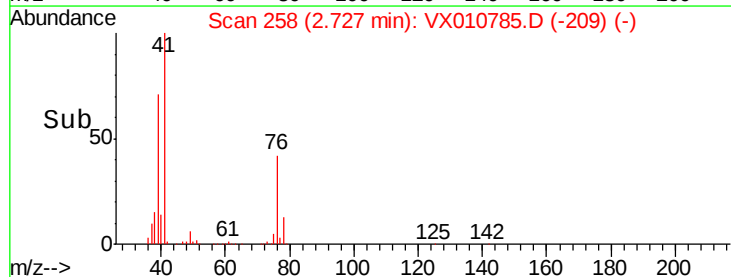
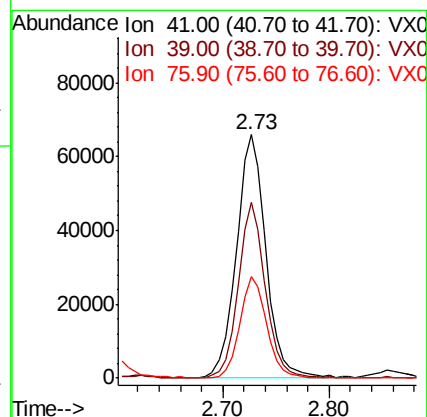
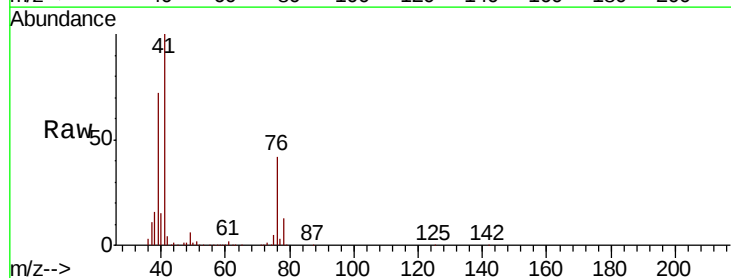
Tgt Ion: 41 Resp: 127016

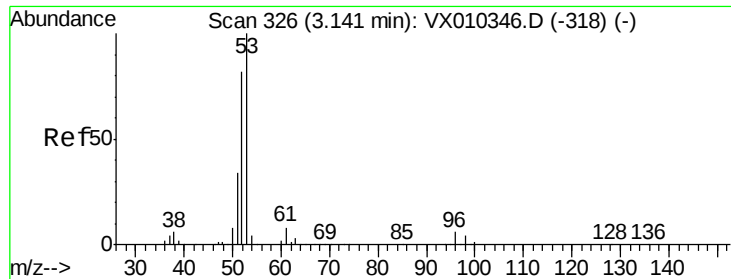
Ion Ratio Lower Upper

41 100

39 66.5 50.3 75.5

76 38.0 31.3 46.9





#15

Acrylonitrile

Concen: 271.276 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-SW-190709MS

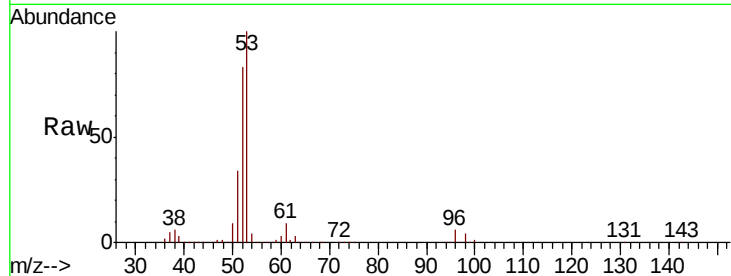
Tot Ion: 53 Resp: 262739

Ion Ratio Lower Upper

53 100

52 82.0 65.5 98.3

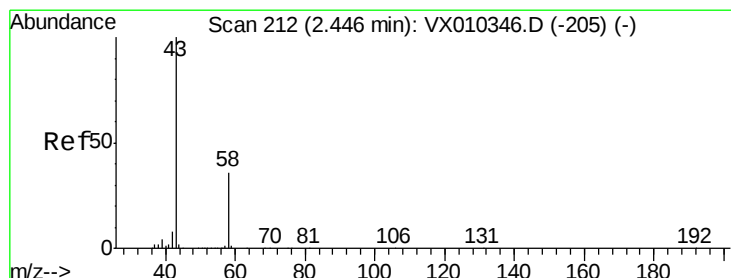
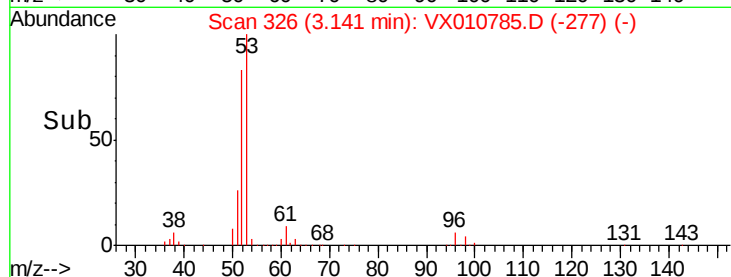
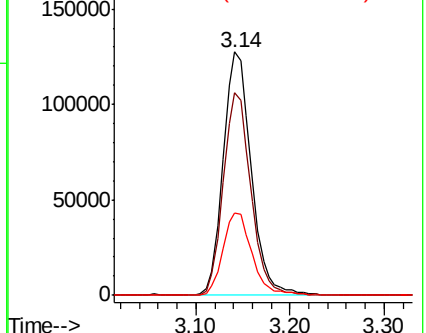
51 35.3 28.2 42.4



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: 223.569 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010785.D

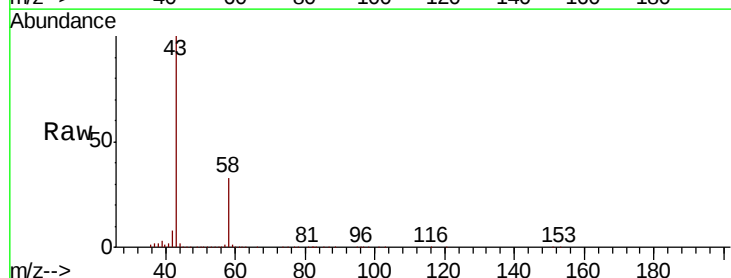
Acq: 10 Jul 2019 18:19

Tgt Ion: 43 Resp: 209469

Ion Ratio Lower Upper

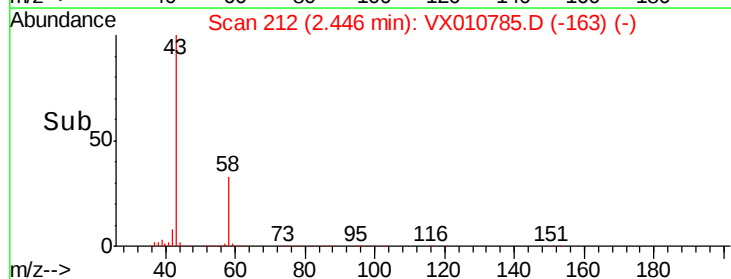
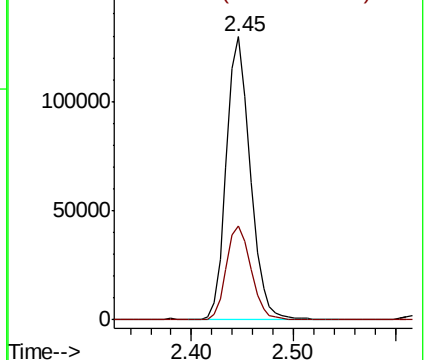
43 100

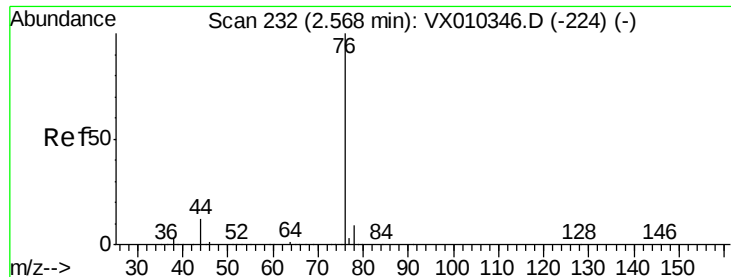
58 33.0 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

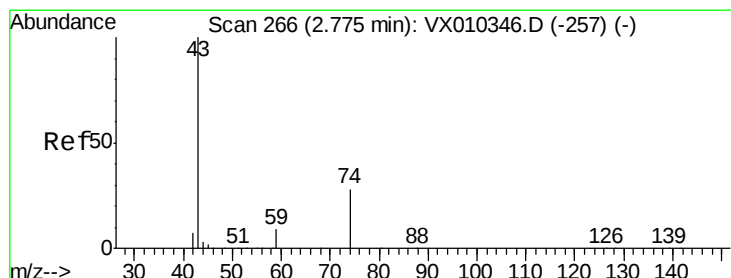
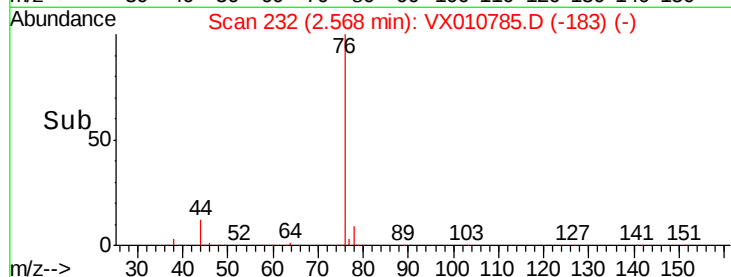
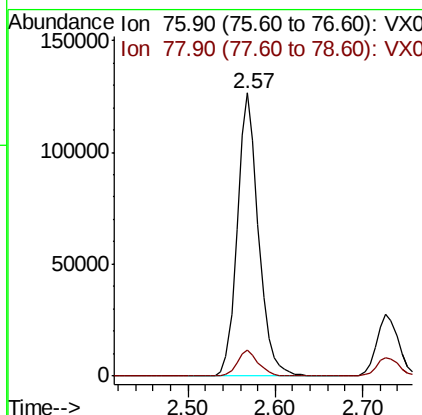
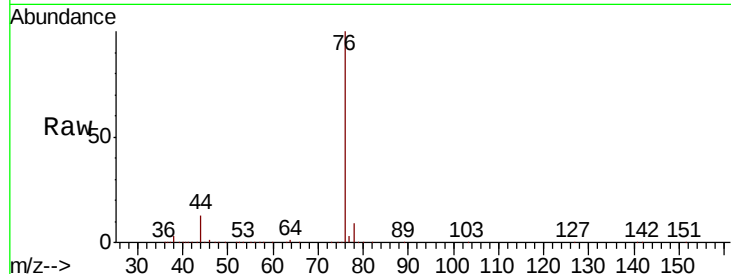




#17
Carbon Disulfide
Concen: 46.072 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010785.D
Acq: 10 Jul 2019 18:19

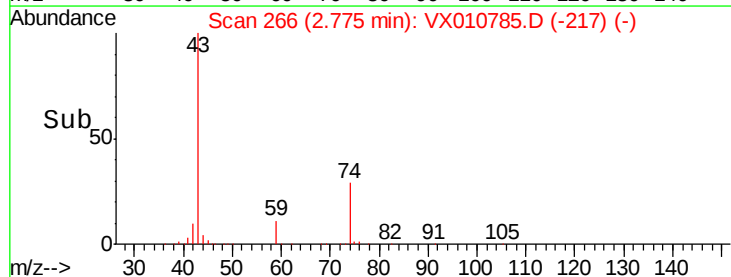
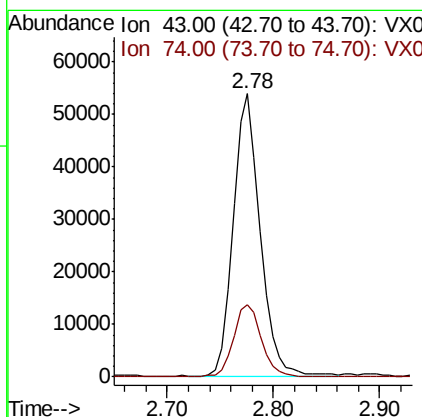
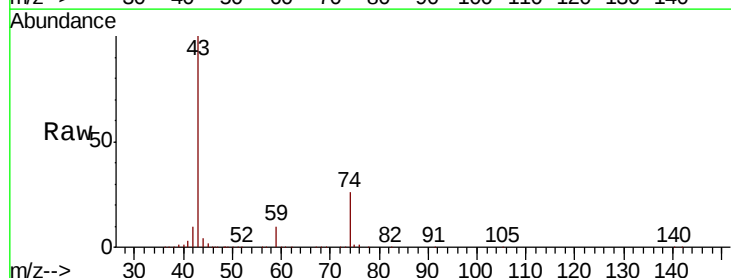
Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-SW-190709MS

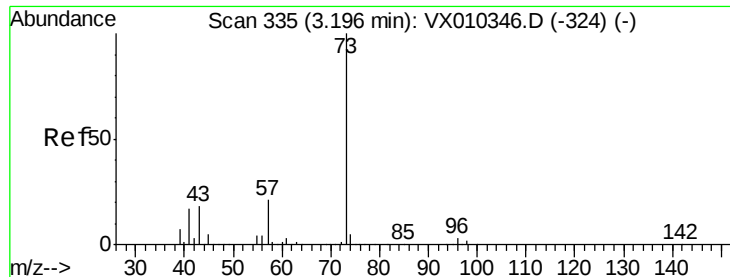
Tot Ion: 76 Resp: 213623
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 50.946 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010785.D
Acq: 10 Jul 2019 18:19

Tgt Ion: 43 Resp: 95135
Ion Ratio Lower Upper
43 100
74 26.8 21.3 31.9

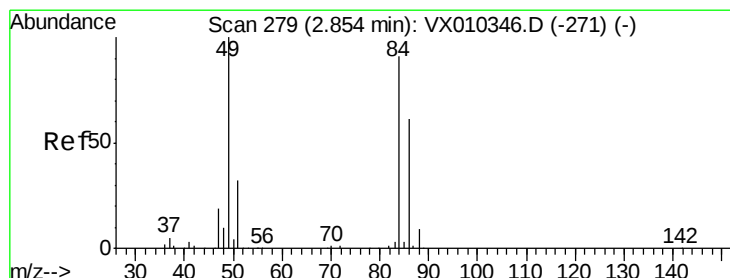
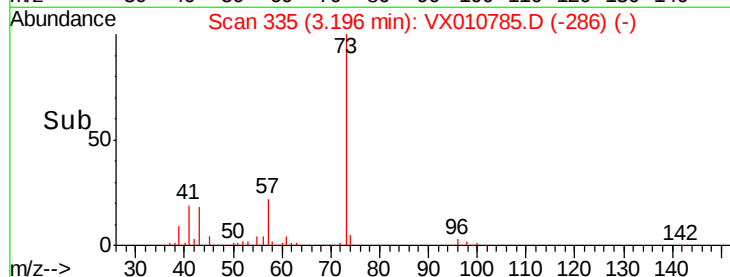
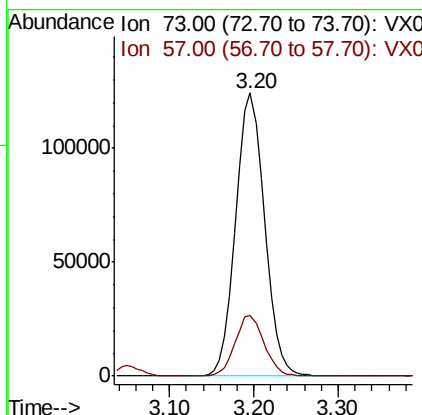
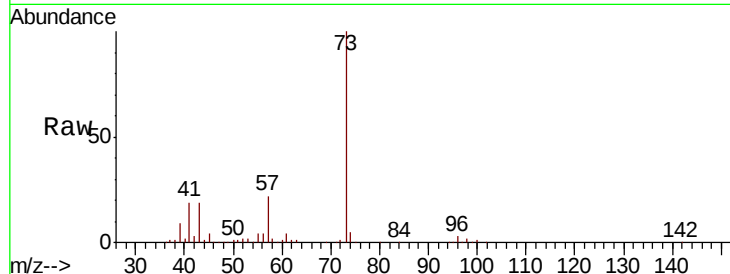




#19
Methyl tert-butyl Ether
Concen: 53.003 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010785.D
Acq: 10 Jul 2019 18:19

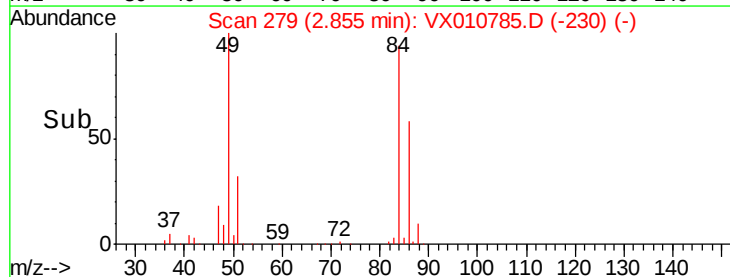
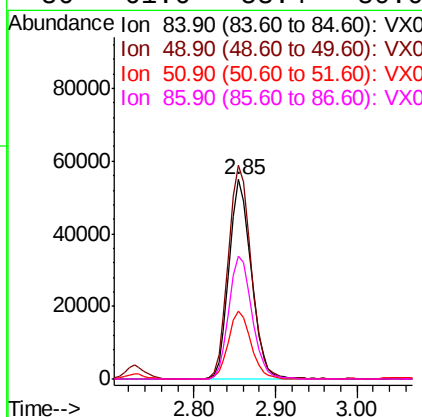
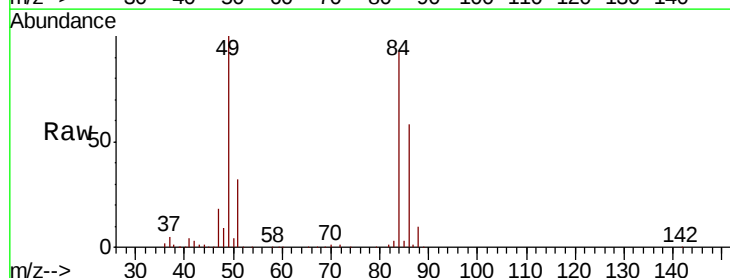
Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-SW-190709MS

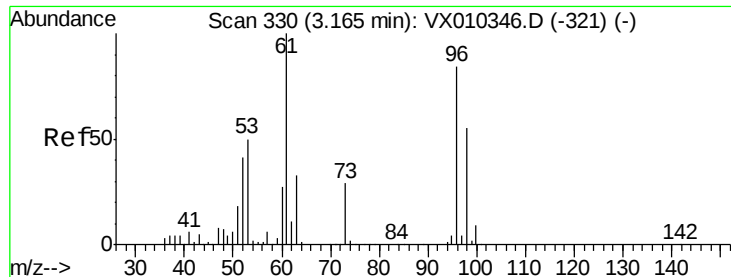
Tot Ion: 73 Resp: 288175
Ion Ratio Lower Upper
73 100
57 21.6 16.4 24.6



#20
Methylene Chloride
Concen: 53.630 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010785.D
Acq: 10 Jul 2019 18:19

Tgt Ion: 84 Resp: 103406
Ion Ratio Lower Upper
84 100
49 106.8 87.5 131.3
51 33.9 27.7 41.5
86 61.6 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 51.208 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-SW-190709MS

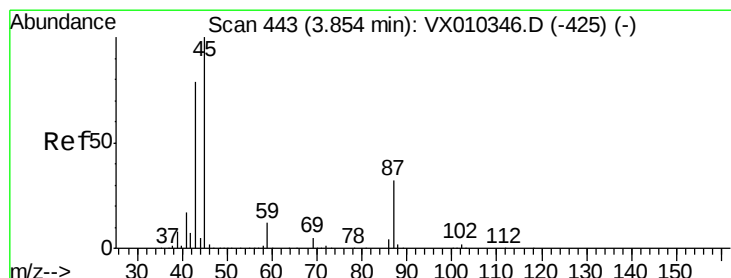
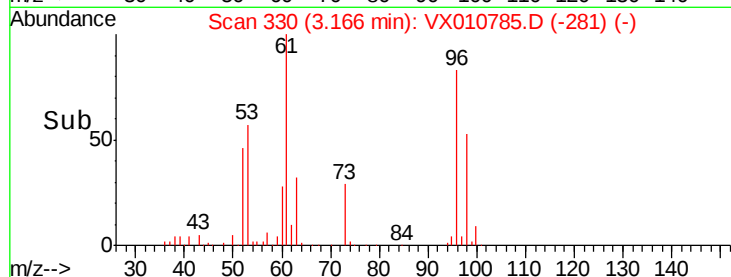
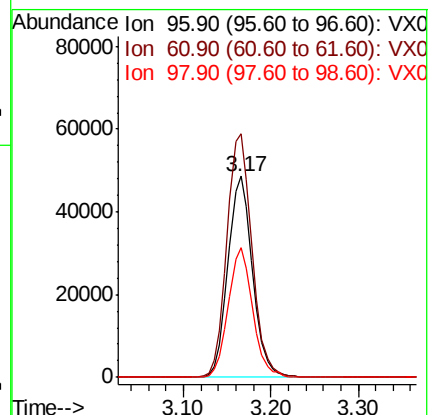
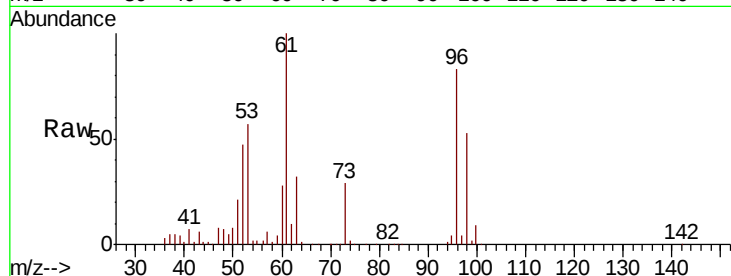
Tot Ion: 96 Resp: 95185

Ion Ratio Lower Upper

96 100

61 120.8 95.6 143.4

98 64.4 52.5 78.7



#22

Diisopropyl ether

Concen: 53.944 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

Tgt Ion: 45 Resp: 276736

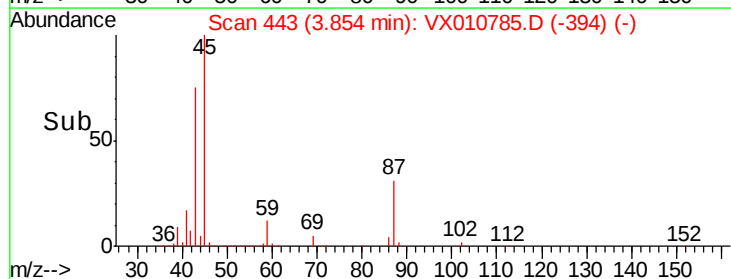
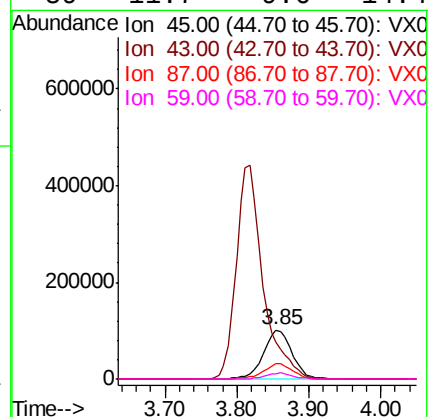
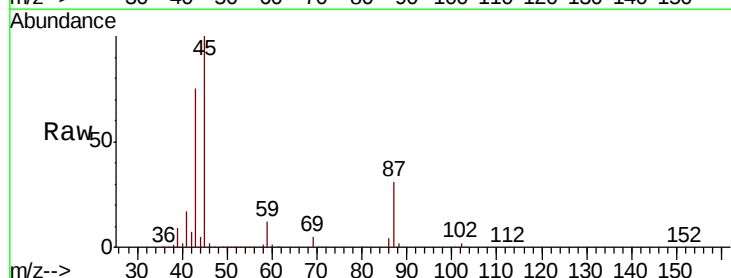
Ion Ratio Lower Upper

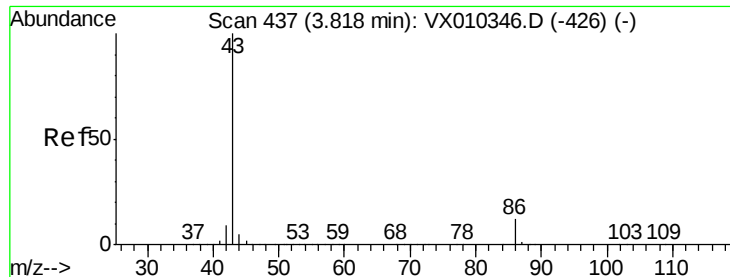
45 100

43 74.5 63.3 94.9

87 31.0 25.8 38.8

59 11.7 9.6 14.4





#23

Vinyl Acetate

Concen: 257.755 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

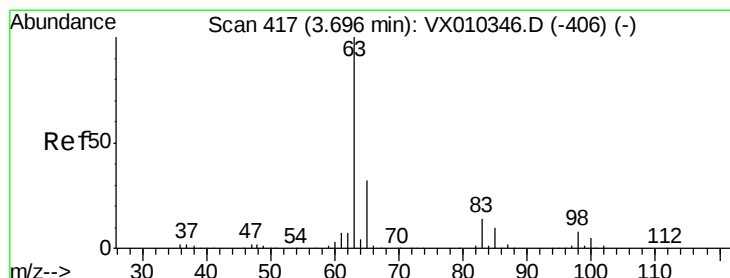
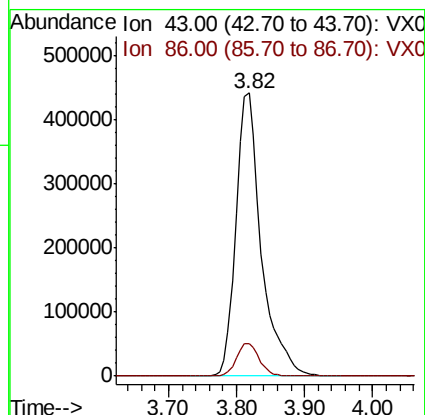
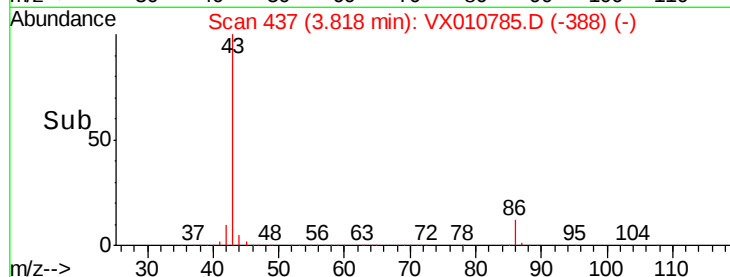
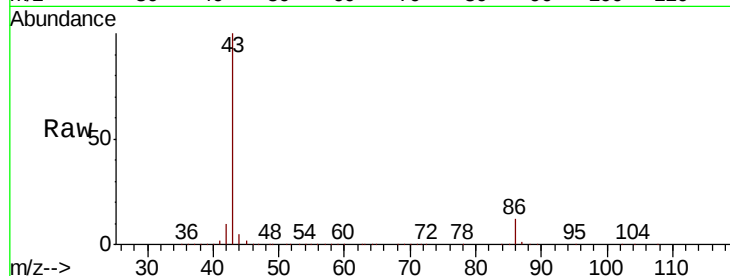
KY030LC068-SW-190709MS

Tot Ion: 43 Resp: 1142317

Ion Ratio Lower Upper

43 100

86 11.7 9.9 14.9



#24

1,1-Dichloroethane

Concen: 52.911 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

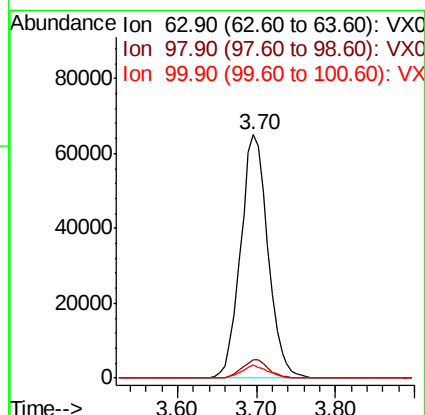
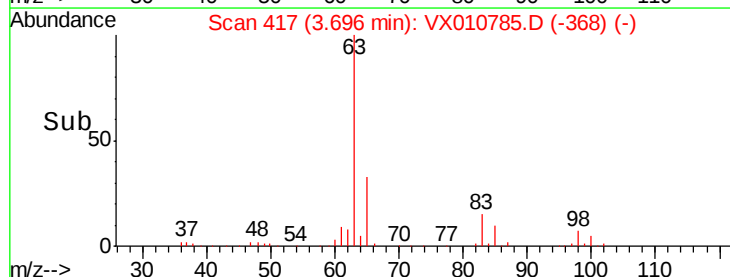
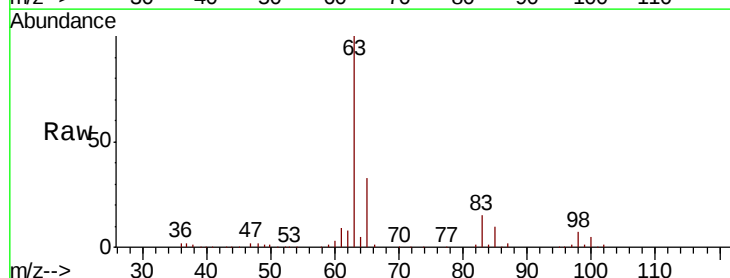
Tgt Ion: 63 Resp: 156899

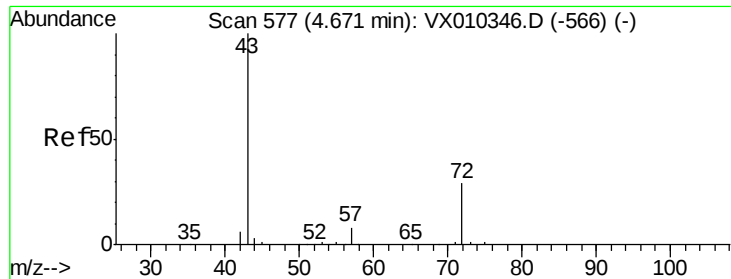
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.7

100 5.3 2.4 7.1





#25

2-Butanone

Concen: 254.056 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

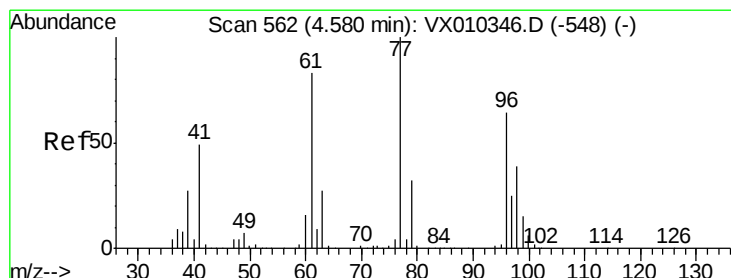
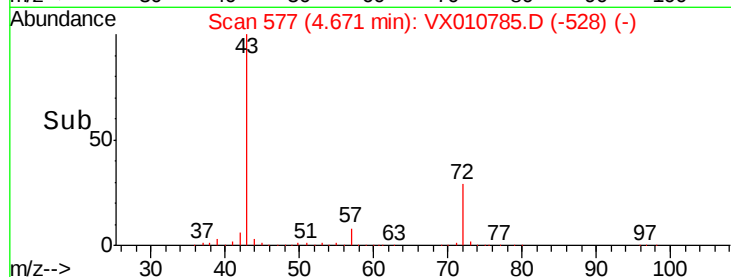
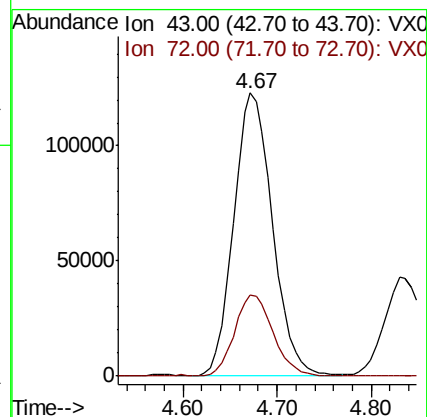
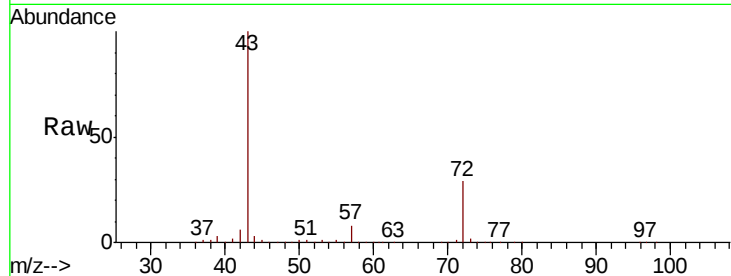
KY030LC068-SW-190709MS

Tot Ion: 43 Resp: 349165

Ion Ratio Lower Upper

43 100

72 28.6 23.3 34.9



#26

2,2-Dichloropropane

Concen: 43.809 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010785.D

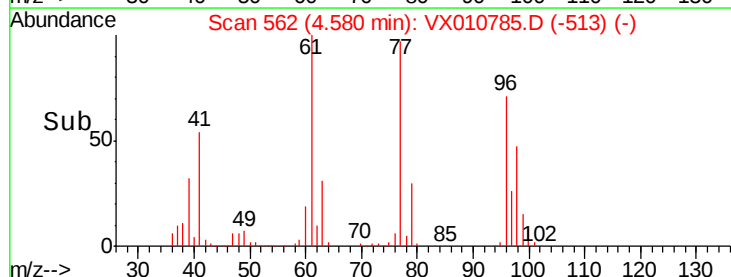
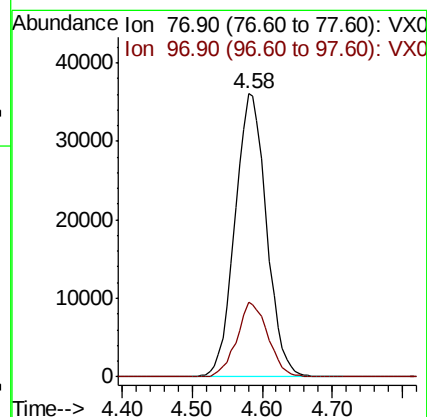
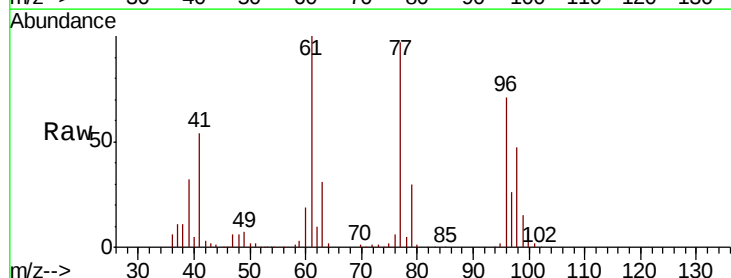
Acq: 10 Jul 2019 18:19

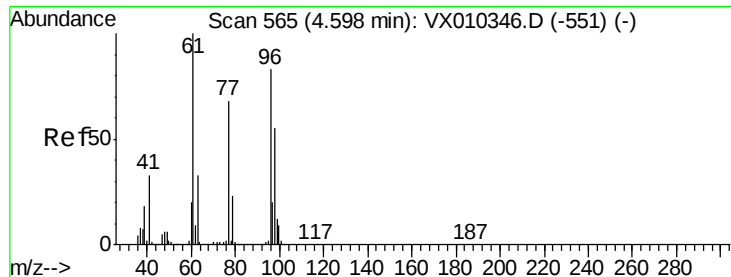
Tgt Ion: 77 Resp: 112851

Ion Ratio Lower Upper

77 100

97 26.0 13.1 39.3



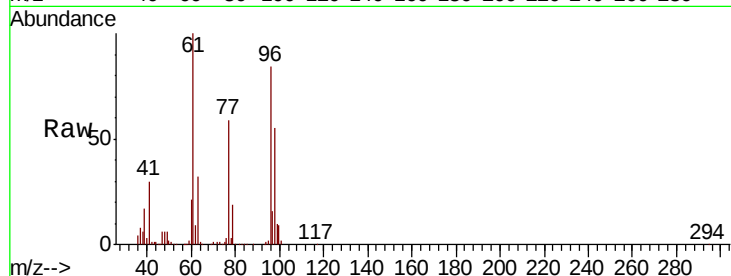


#27

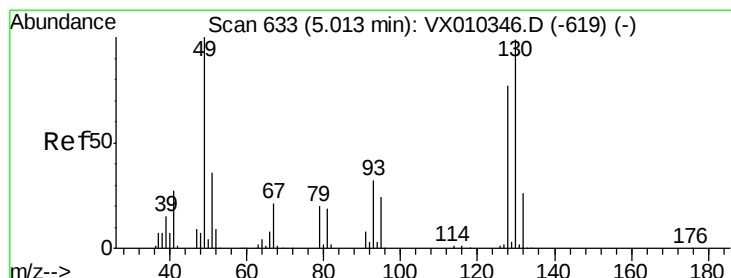
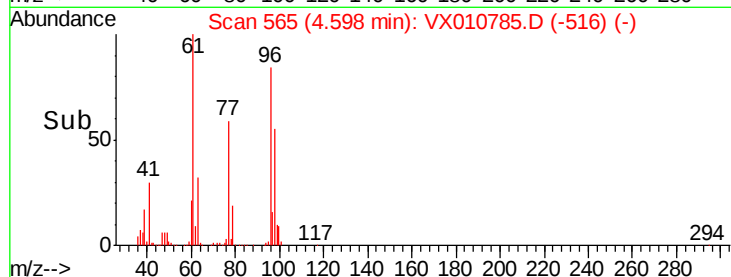
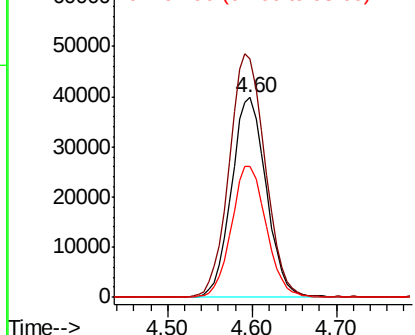
cis-1,2-Dichloroethene
Concen: 51.779 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010785.D
Acq: 10 Jul 2019 18:19

Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-SW-190709MS

Tot Ion: 96 Resp: 111219
Ion Ratio Lower Upper
96 100
61 126.6 0.0 251.8
98 66.1 0.0 129.4



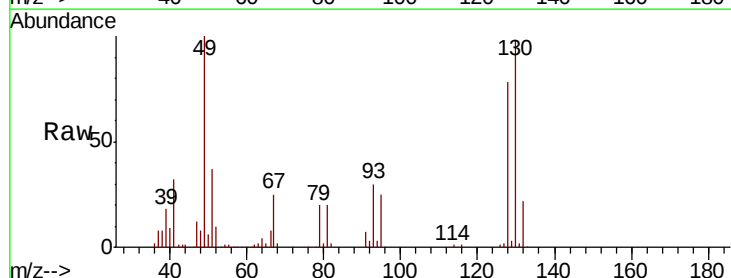
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



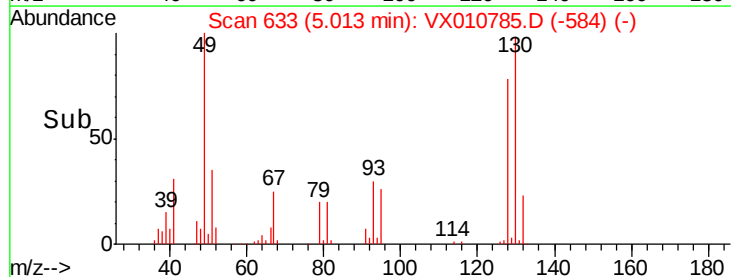
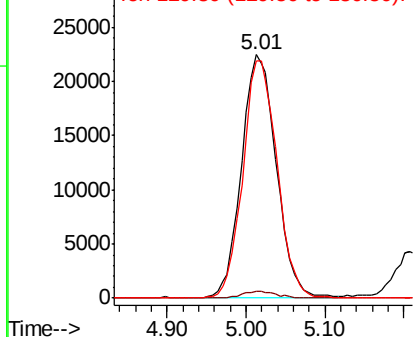
#28

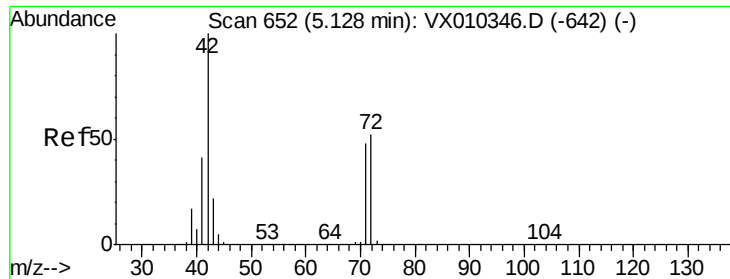
Bromochloromethane
Concen: 48.754 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010785.D
Acq: 10 Jul 2019 18:19

Tgt Ion: 49 Resp: 69122
Ion Ratio Lower Upper
49 100
129 2.8 0.0 5.6
130 95.7 81.4 122.0



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





#29

Tetrahydrofuran

Concen: 266.828 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-SW-190709MS

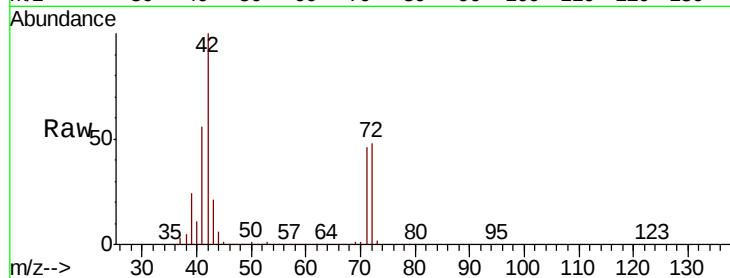
Tot Ion: 42 Resp: 227147

Ion Ratio Lower Upper

42 100

72 49.7 40.6 60.8

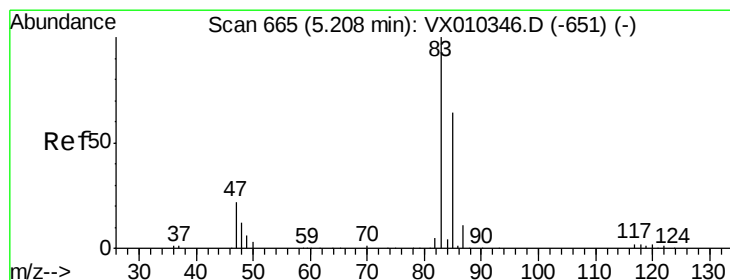
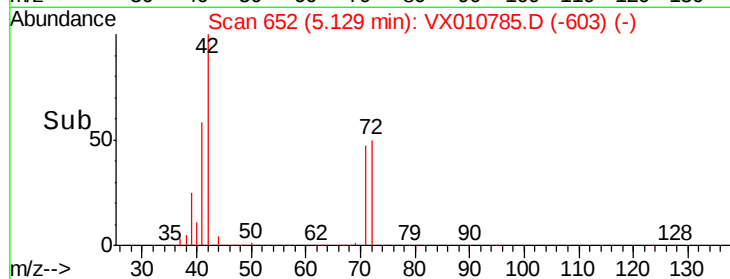
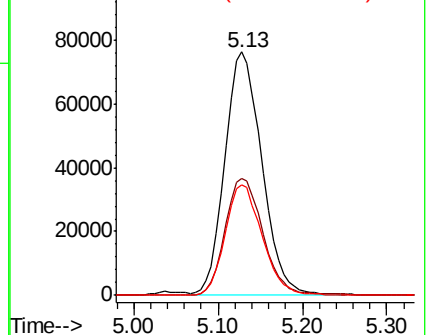
71 46.0 37.8 56.8



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: 53.446 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010785.D

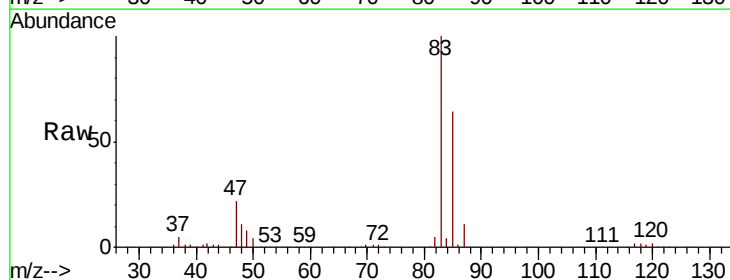
Acq: 10 Jul 2019 18:19

Tgt Ion: 83 Resp: 170523

Ion Ratio Lower Upper

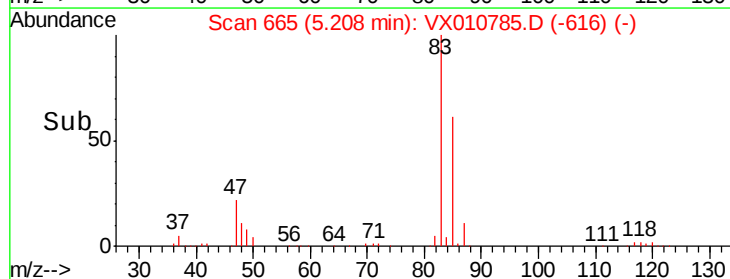
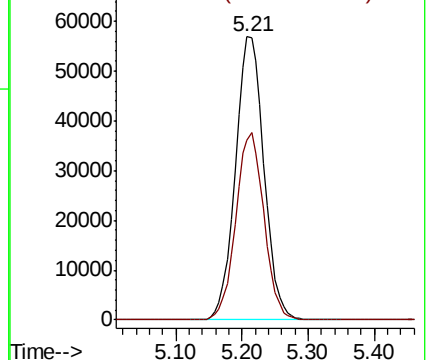
83 100

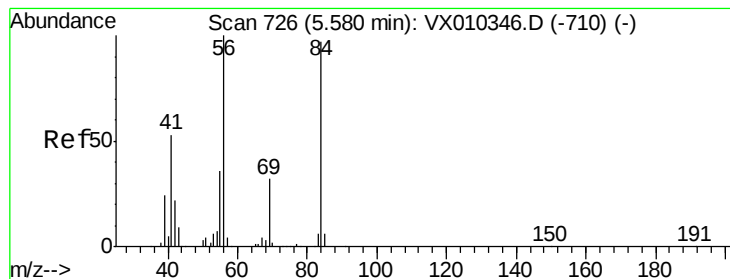
85 63.6 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 52.373 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-SW-190709MS

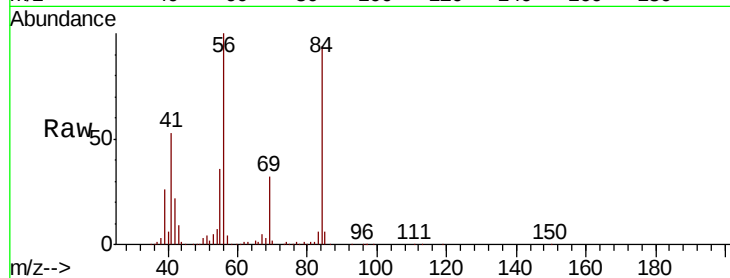
Tot Ion: 56 Resp: 141427

Ion Ratio Lower Upper

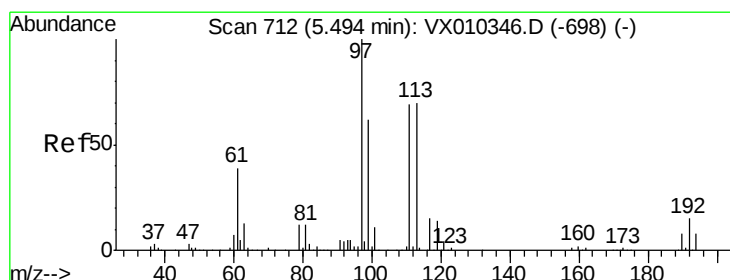
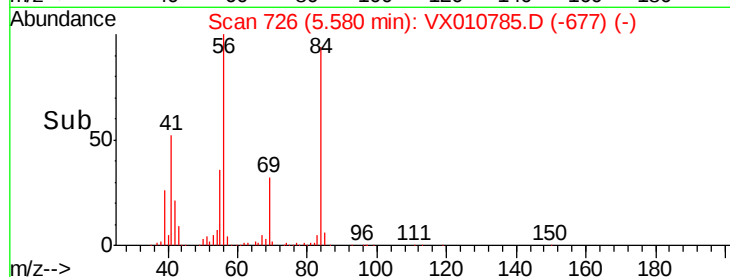
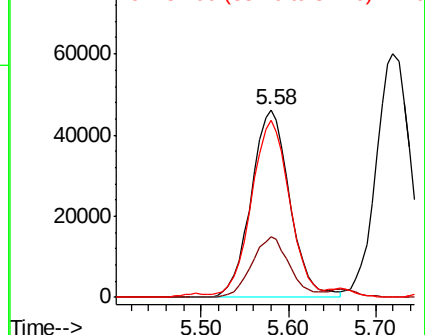
56 100

69 31.7 25.9 38.9

84 92.9 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: 51.857 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

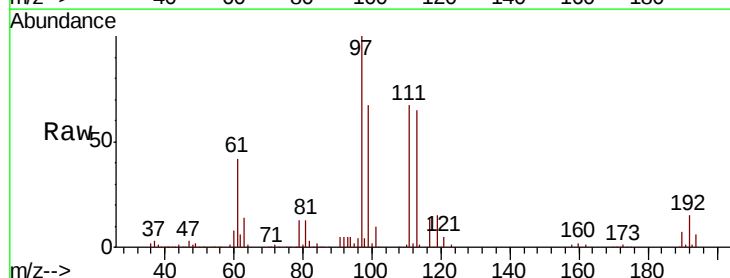
Tgt Ion: 97 Resp: 146092

Ion Ratio Lower Upper

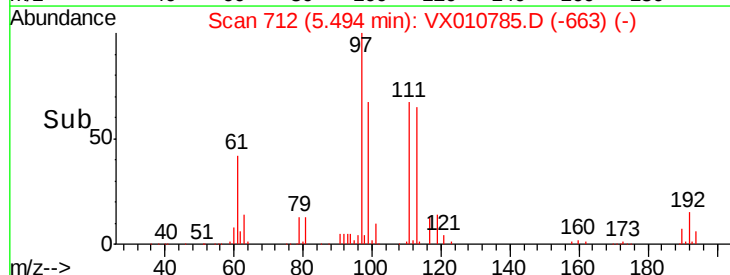
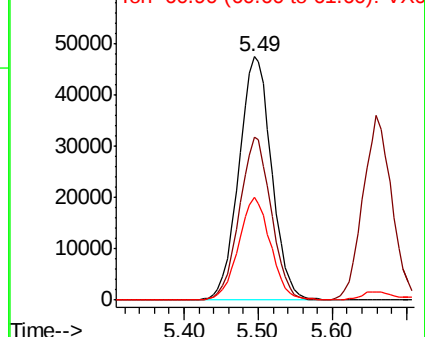
97 100

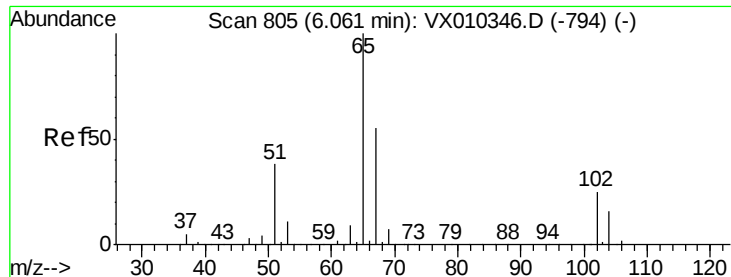
99 65.3 51.8 77.8

61 41.6 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: 50.928 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

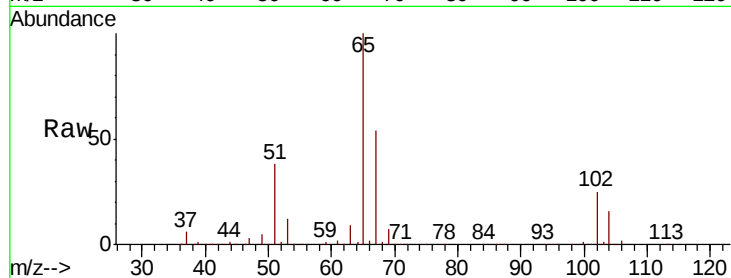
KY030LC068-SW-190709MS

Tot Ion: 65 Resp: 95210

Ion Ratio Lower Upper

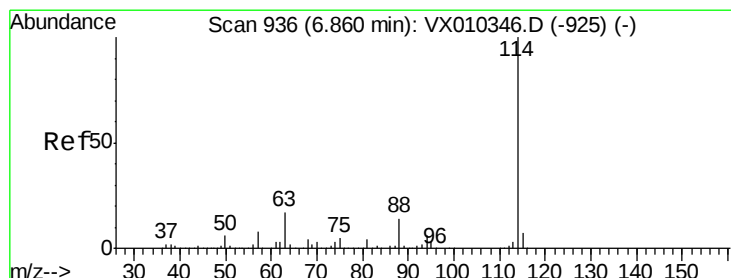
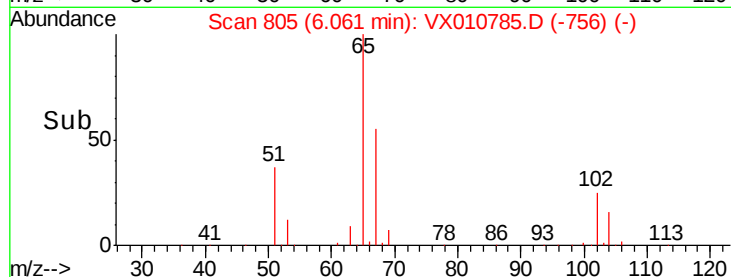
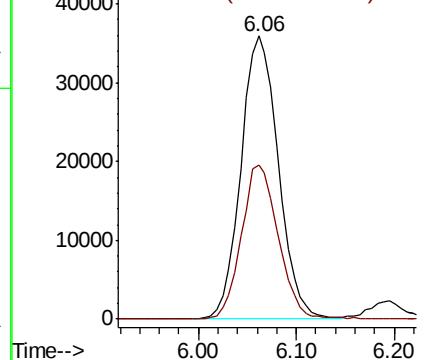
65 100

67 53.5 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

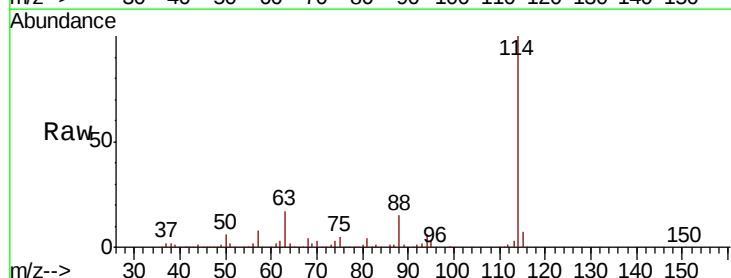
Tgt Ion: 114 Resp: 300738

Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.8

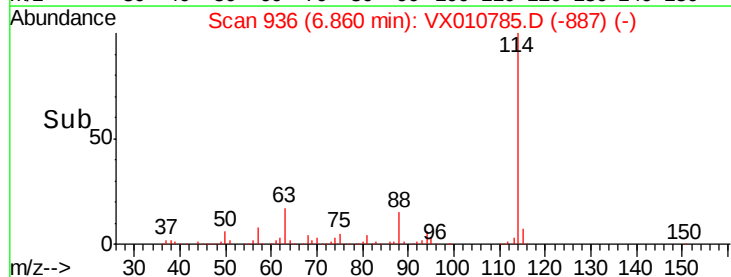
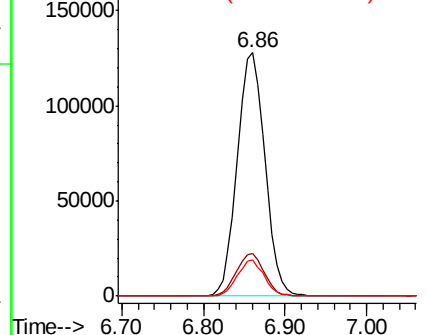
88 14.8 0.0 27.6

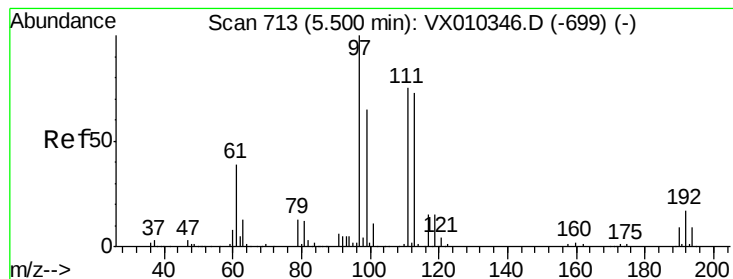


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.273 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-SW-190709MS

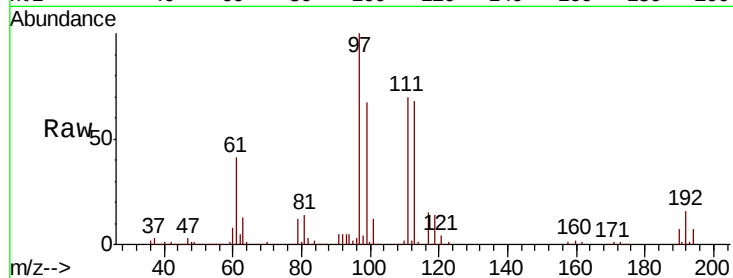
Tot Ion:113 Resp: 90663

Ion Ratio Lower Upper

113 100

111 103.1 81.2 121.8

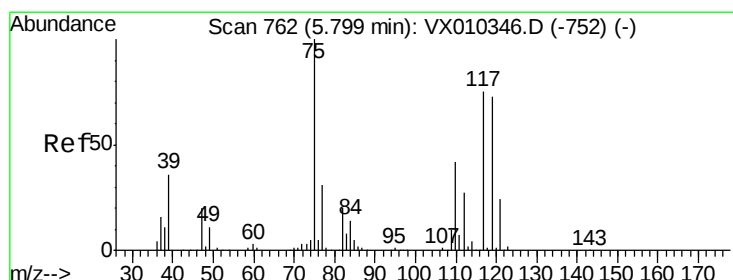
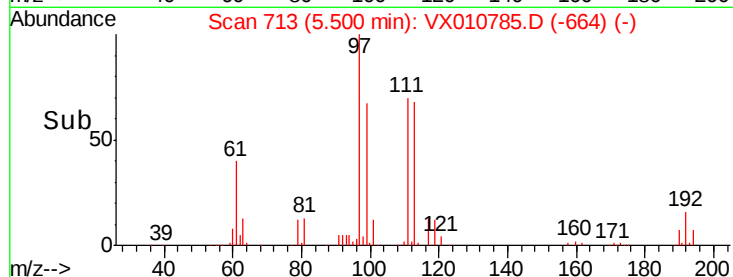
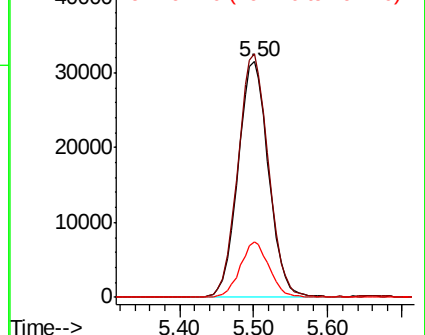
192 22.4 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.571 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

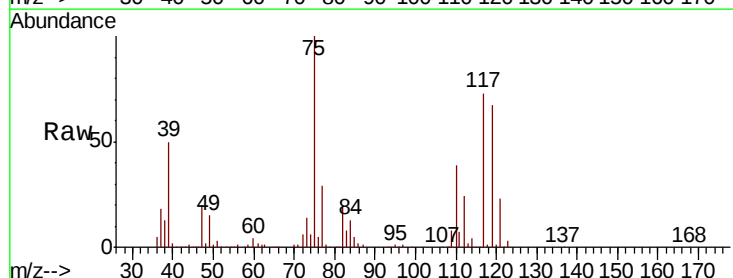
Tgt Ion: 75 Resp: 123247

Ion Ratio Lower Upper

75 100

110 39.5 20.8 62.2

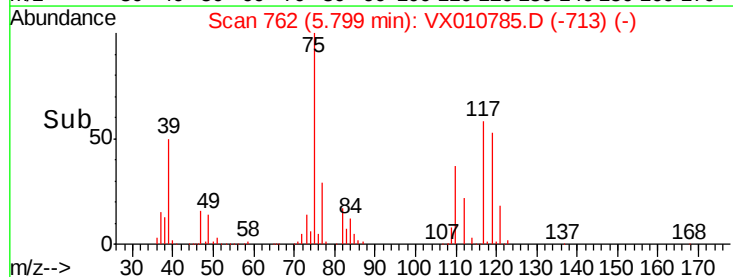
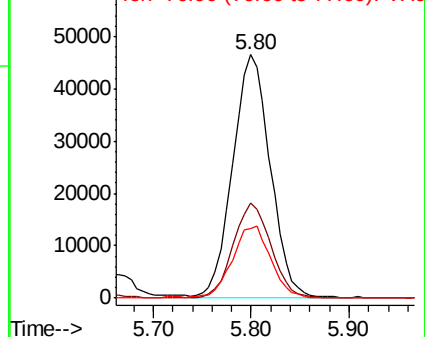
77 30.1 25.4 38.0

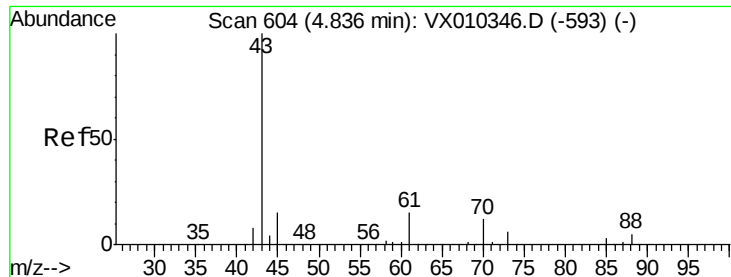


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 51.335 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-SW-190709MS

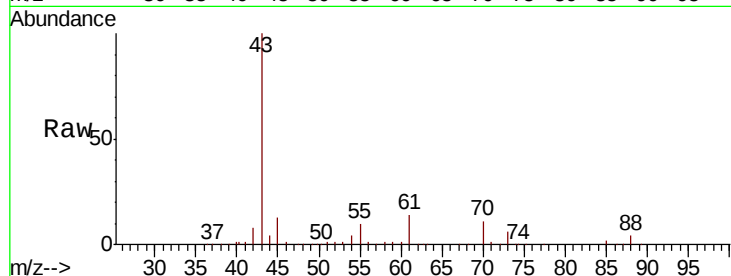
Tot Ion: 43 Resp: 126211

Ion Ratio Lower Upper

43 100

61 15.3 12.4 18.6

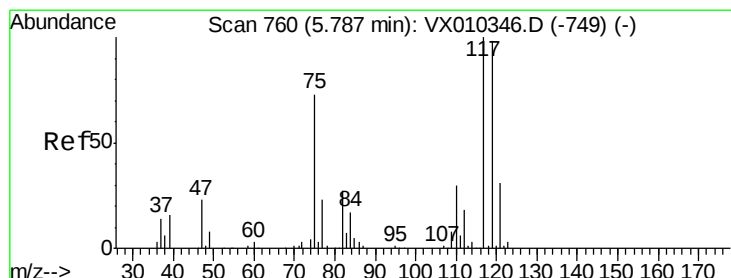
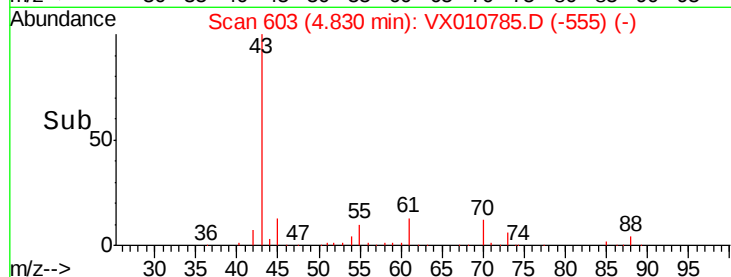
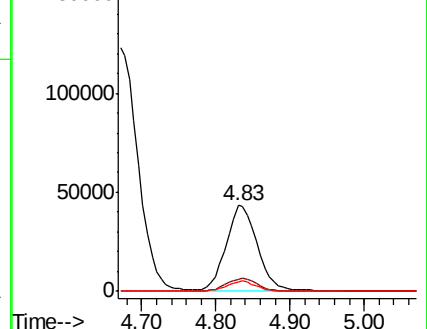
70 11.6 9.8 14.8



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: 49.700 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

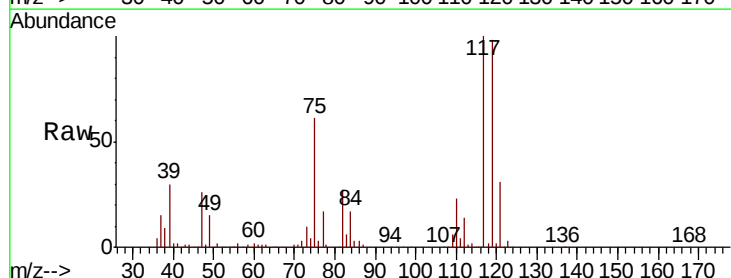
Tgt Ion: 117 Resp: 128617

Ion Ratio Lower Upper

117 100

119 97.4 78.2 117.4

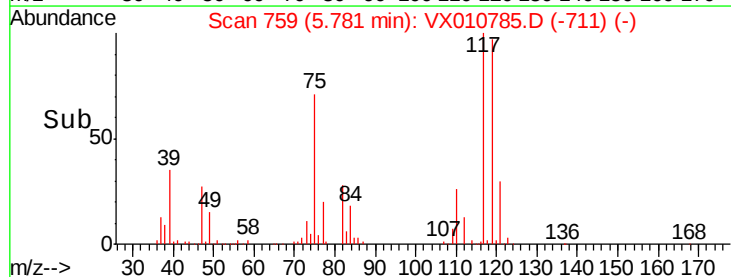
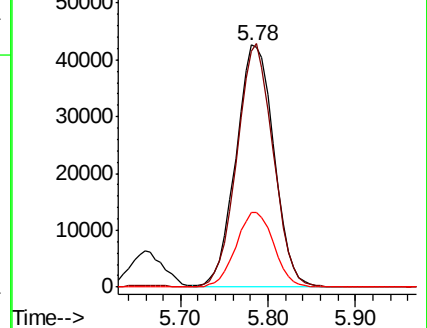
121 30.9 24.7 37.1

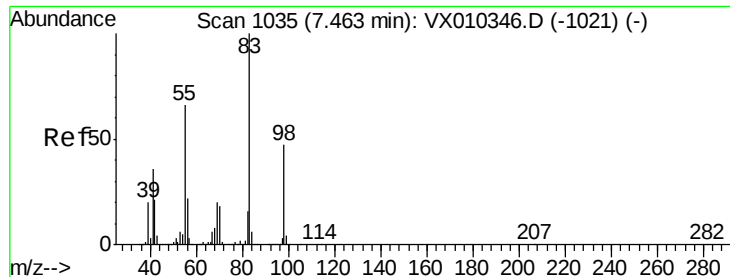


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

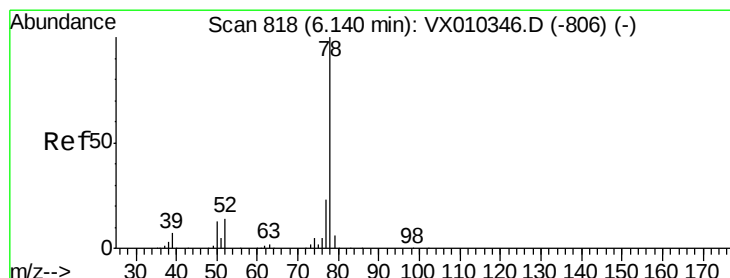
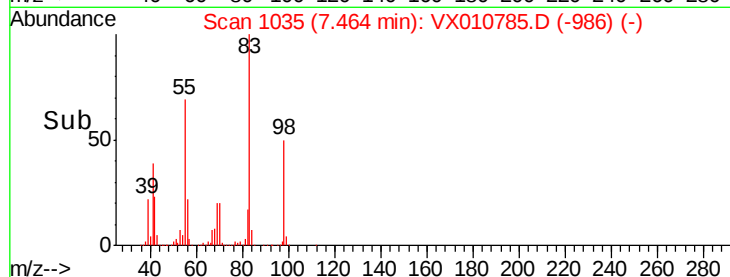
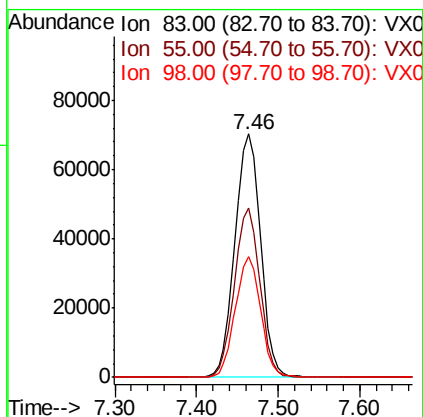
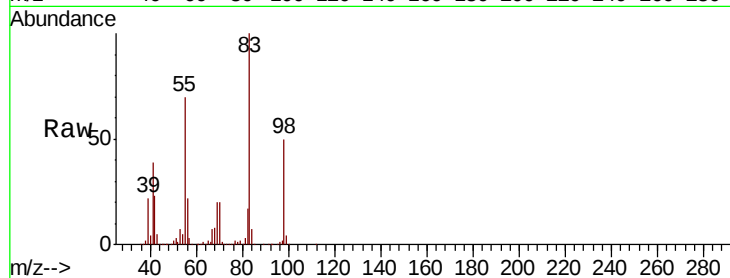




#39
Methvlcvclohexane
Concen: 48.611 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010785.D
Acq: 10 Jul 2019 18:19

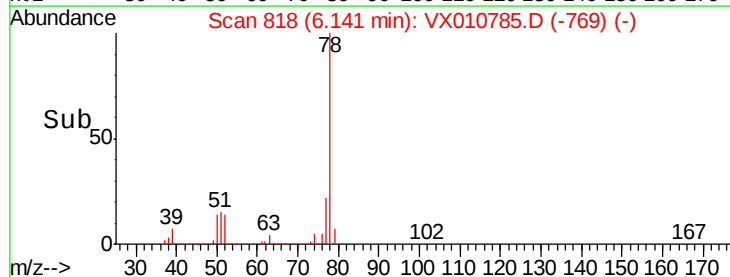
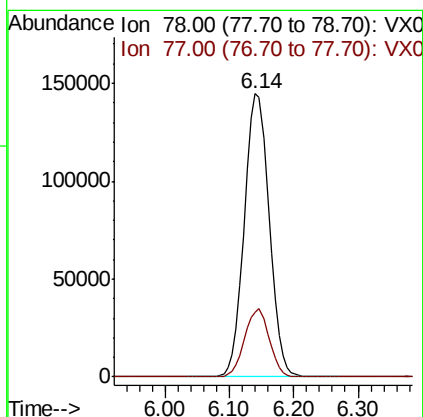
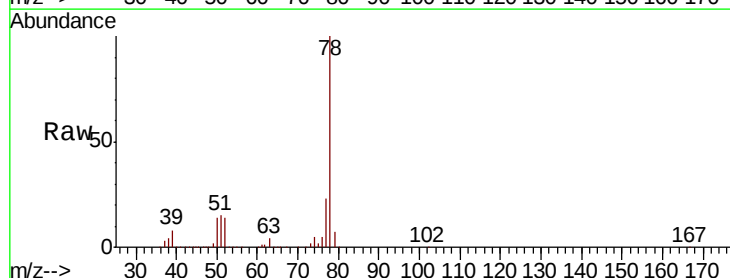
Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-SW-190709MS

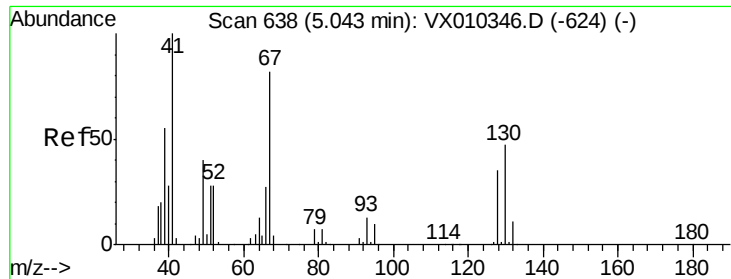
Tot Ion: 83 Resp: 152705
Ion Ratio Lower Upper
83 100
55 69.6 53.0 79.6
98 49.6 37.8 56.8



#40
Benzene
Concen: 51.444 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010785.D
Acq: 10 Jul 2019 18:19

Tgt Ion: 78 Resp: 383022
Ion Ratio Lower Upper
78 100
77 23.0 18.6 28.0

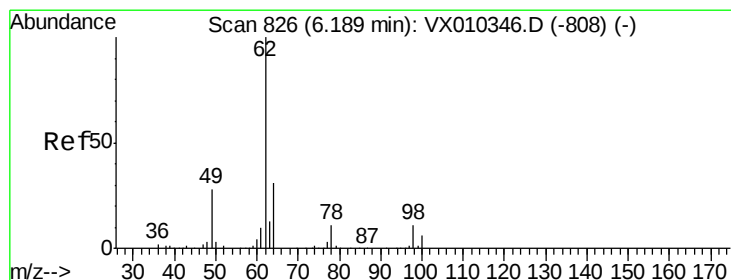
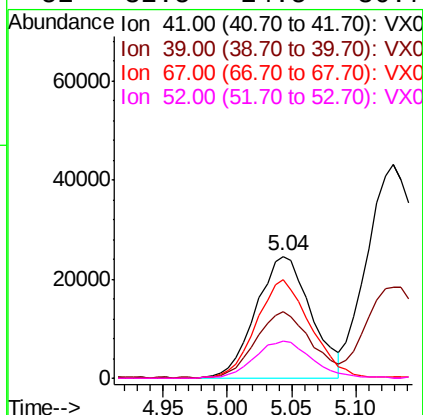
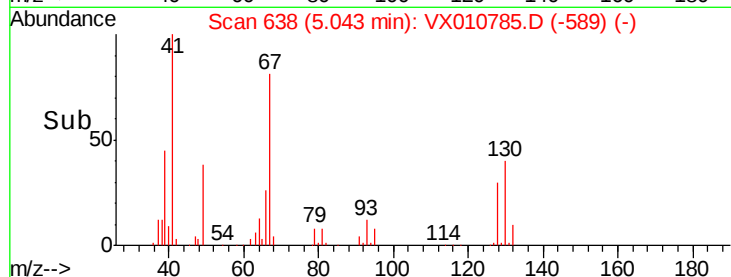
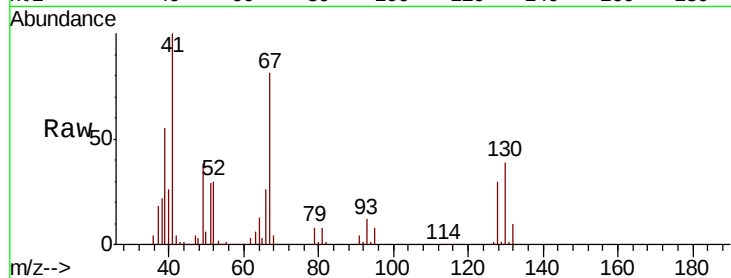




#41
Methacrylonitrile
Concen: 53.718 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010785.D
Acq: 10 Jul 2019 18:19

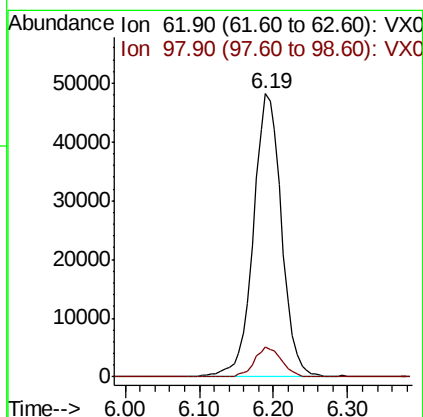
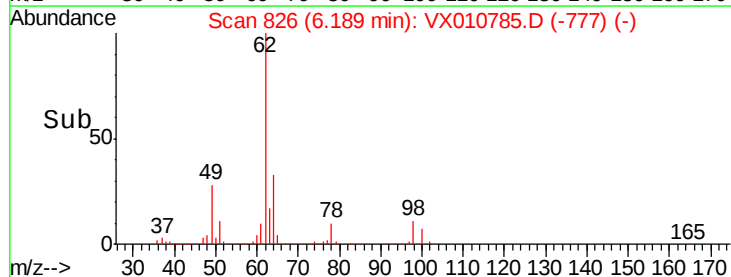
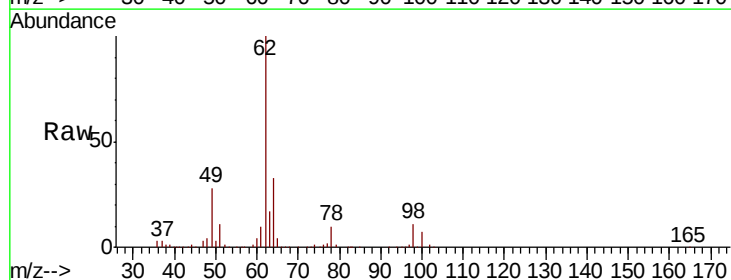
Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-SW-190709MS

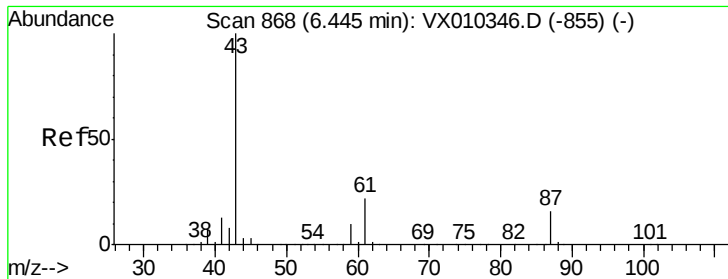
Tot Ion:	41	Resp:	72464
Ion	Ratio	Lower	Upper
41	100		
39	54.5	43.8	65.8
67	80.5	66.6	100.0
52	32.5	24.5	36.7



#42
1,2-Dichloroethane
Concen: 56.378 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010785.D
Acq: 10 Jul 2019 18:19

Tgt Ion:	62	Resp:	127775
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	22.2





#43

Isopropyl Acetate

Concen: 50.718 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-SW-190709MS

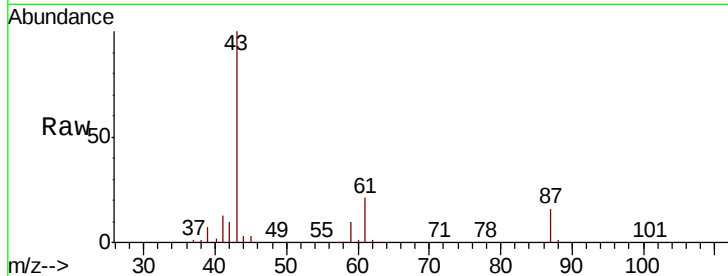
Tot Ion: 43 Resp: 206303

Ion Ratio Lower Upper

43 100

61 20.8 17.8 26.6

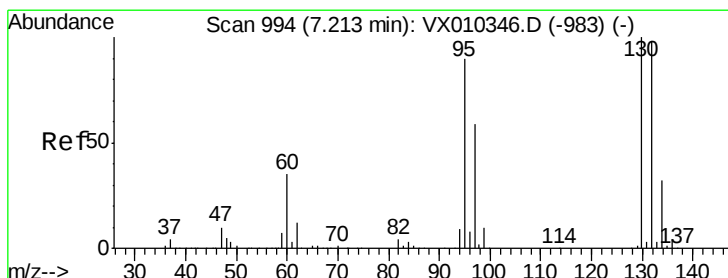
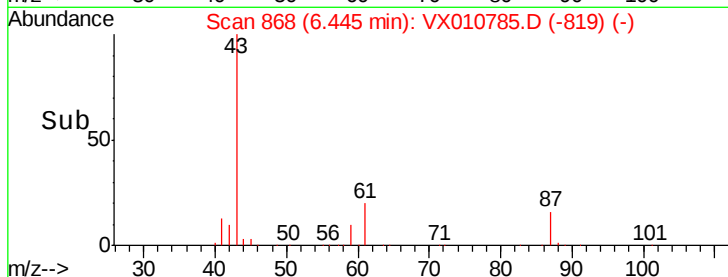
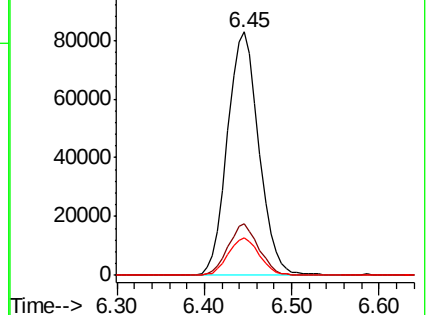
87 15.5 13.0 19.4



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: 50.436 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010785.D

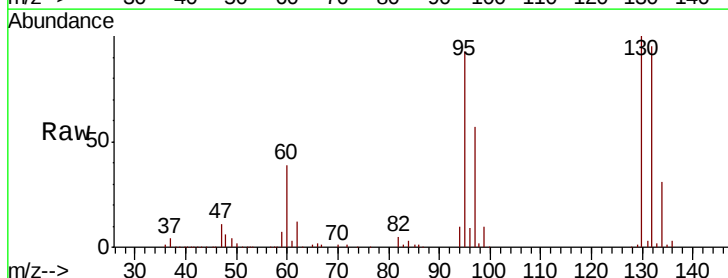
Acq: 10 Jul 2019 18:19

Tgt Ion:130 Resp: 112364

Ion Ratio Lower Upper

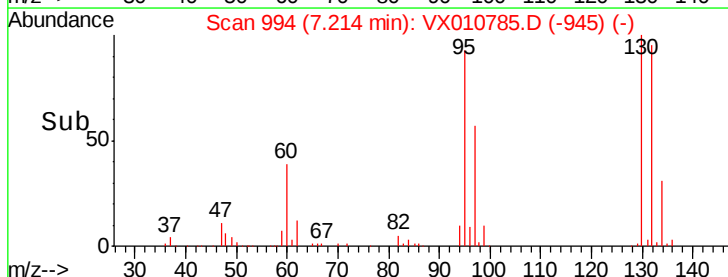
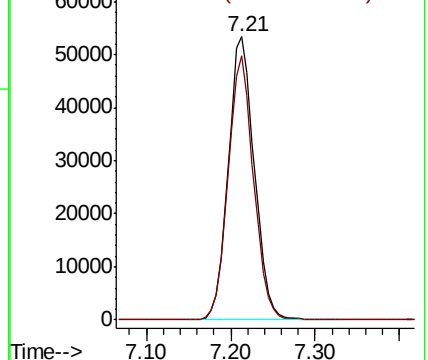
130 100

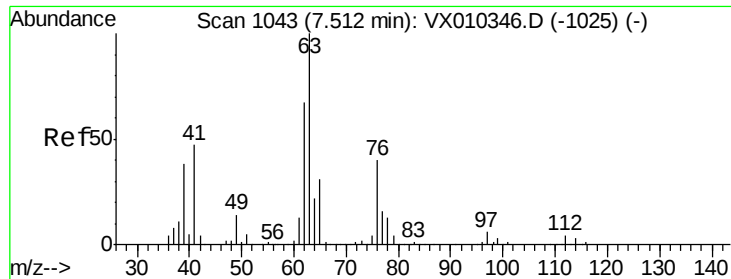
95 93.1 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

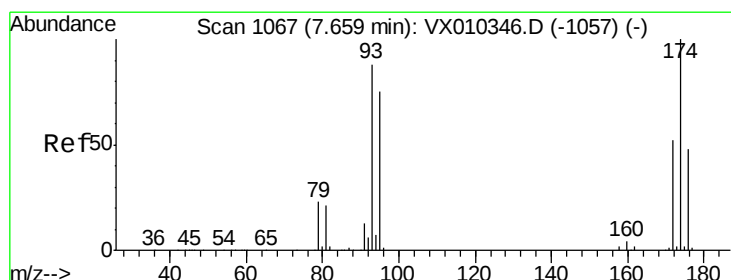
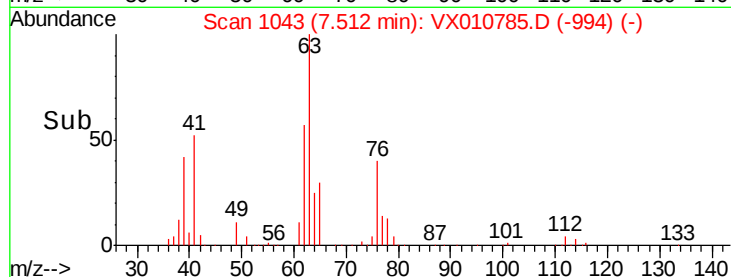
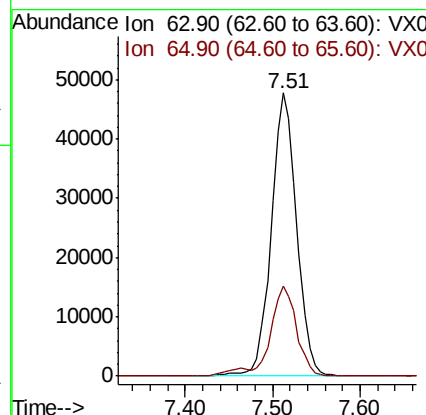
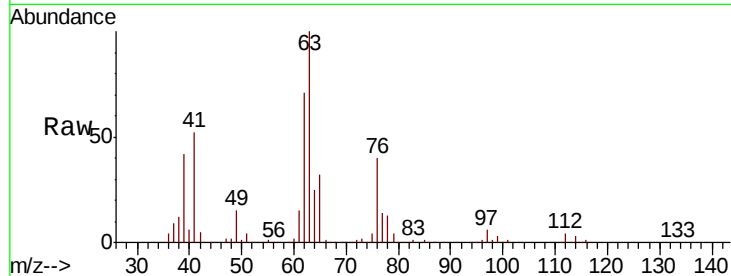




#45
1,2-Dichloropropane
Concen: 51.705 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VX010785.D
Acq: 10 Jul 2019 18:19

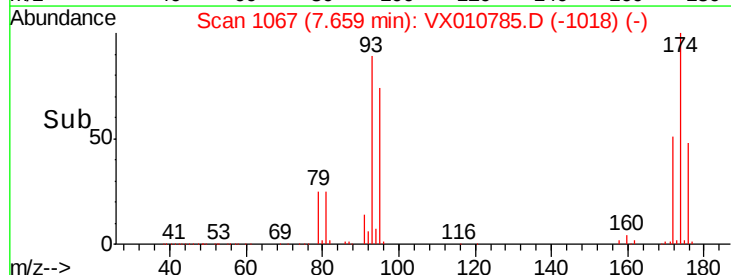
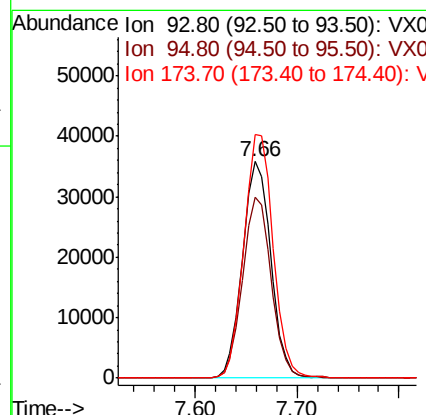
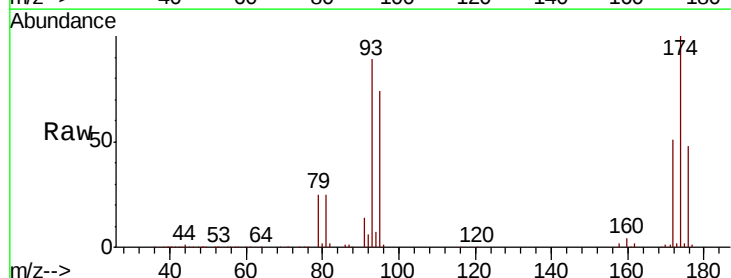
Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-SW-190709MS

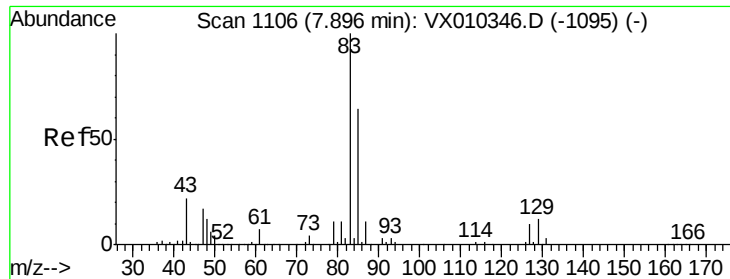
Tot Ion: 63 Resp: 97215
Ion Ratio Lower Upper
63 100
65 31.7 24.8 37.2



#46
Dibromomethane
Concen: 51.567 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VX010785.D
Acq: 10 Jul 2019 18:19

Tgt Ion: 93 Resp: 69563
Ion Ratio Lower Upper
93 100
95 84.2 67.5 101.3
174 115.7 95.8 143.6

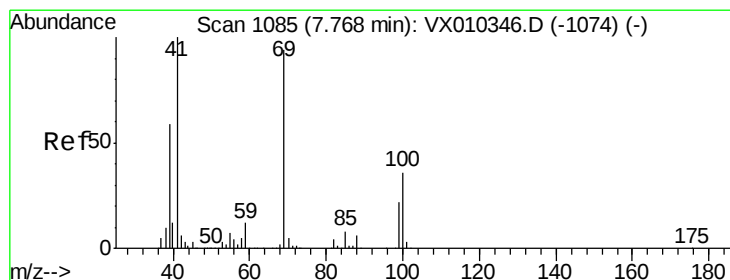
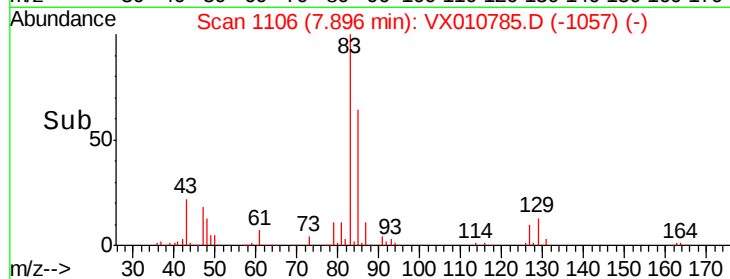
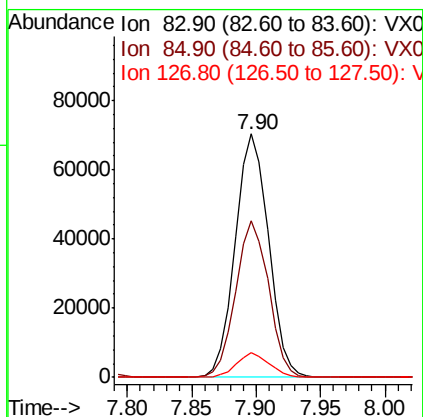
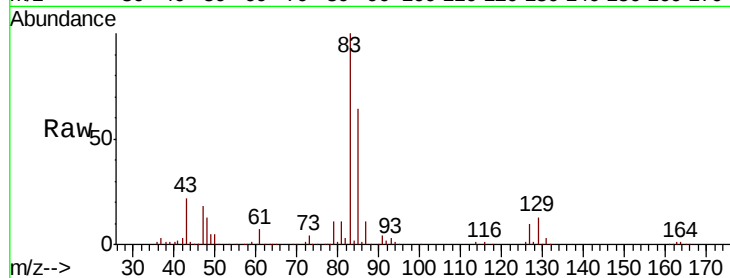




#47
 Bromodichloromethane
 Concen: 51.107 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX010785.D
 Acq: 10 Jul 2019 18:19

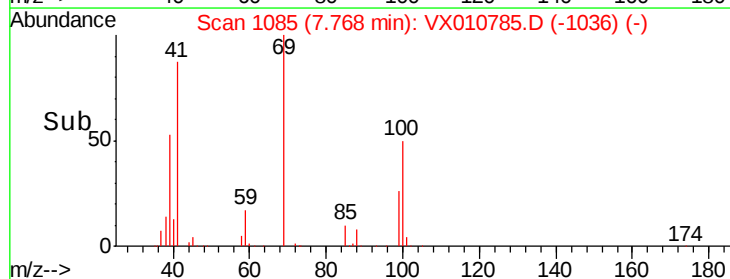
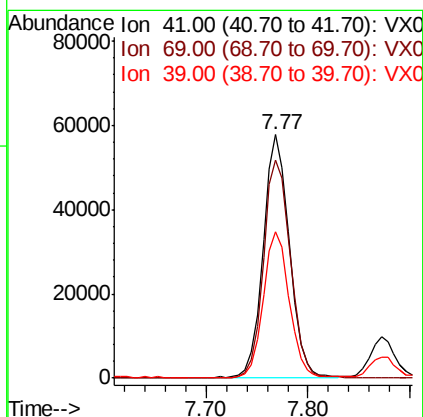
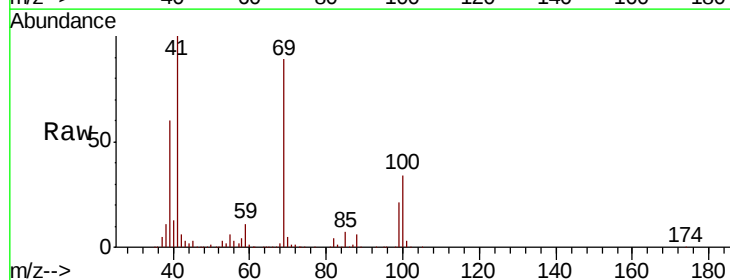
Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-SW-190709MS

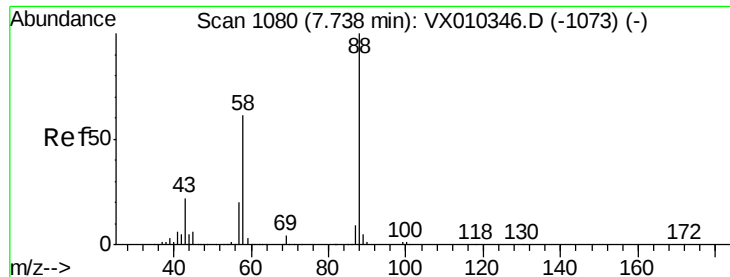
Tot Ion	83	Resp	126346
Ion Ratio	Lower	Upper	
83	100		
85	64.0	51.5	77.3
127	9.9	7.8	11.8



#48
 Methyl methacrylate
 Concen: 54.376 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: VX010785.D
 Acq: 10 Jul 2019 18:19

Tgt Ion	41	Resp	102809
Ion Ratio	Lower	Upper	
41	100		
69	92.9	76.1	114.1
39	59.6	47.6	71.4





#49

1,4-Dioxane

Concen: 918.038 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-SW-190709MS

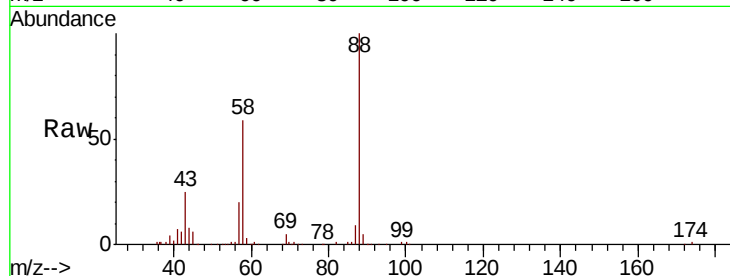
Tot Ion: 88 Resp: 50002

Ion Ratio Lower Upper

88 100

43 30.1 20.2 30.2

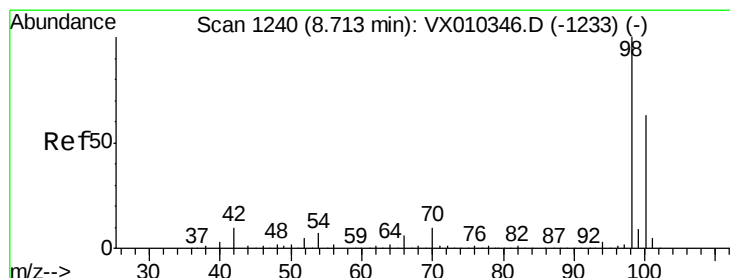
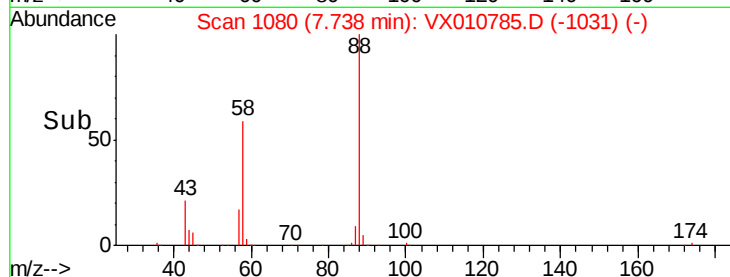
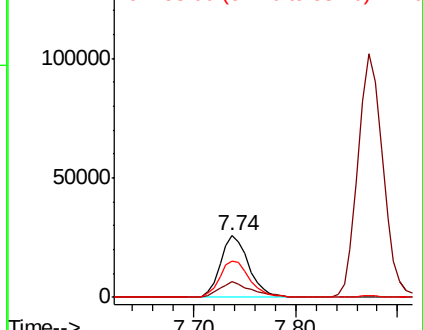
58 62.9 49.5 74.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.025 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010785.D

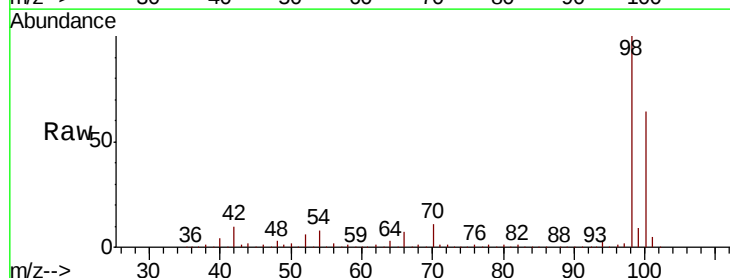
Acq: 10 Jul 2019 18:19

Tgt Ion: 98 Resp: 331033

Ion Ratio Lower Upper

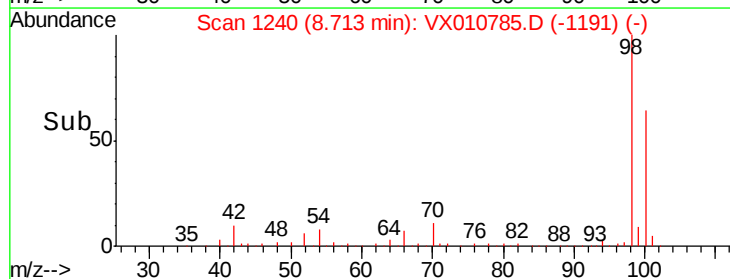
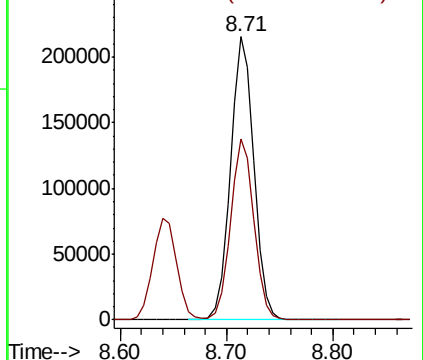
98 100

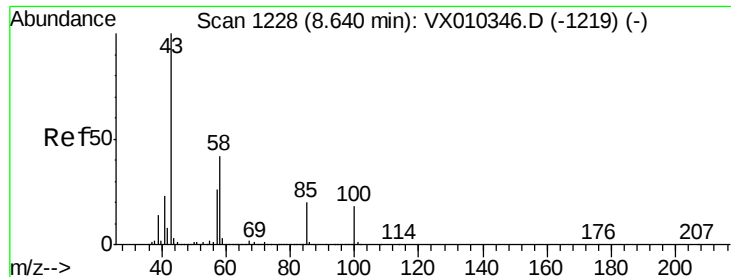
100 63.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

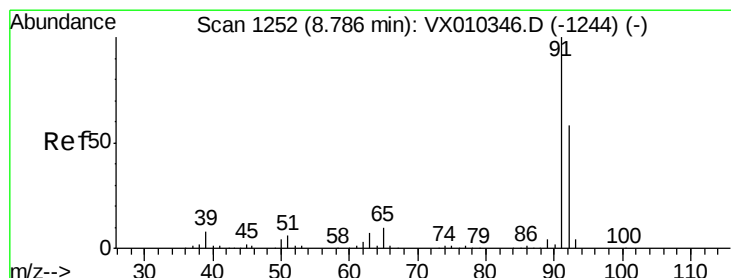
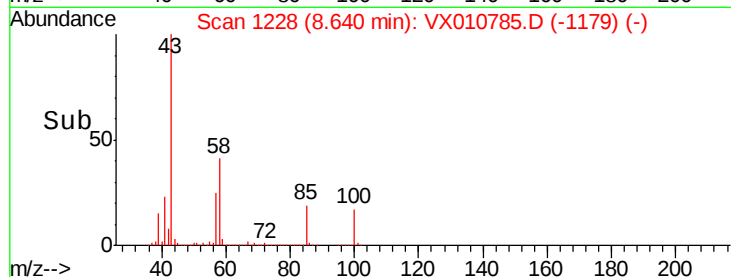
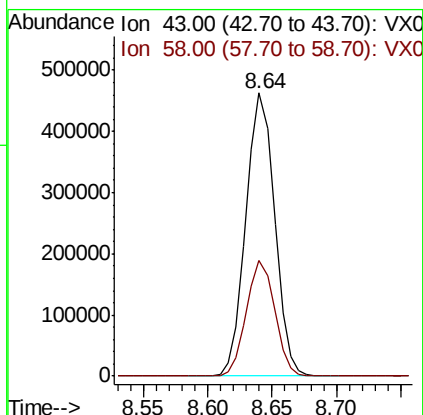
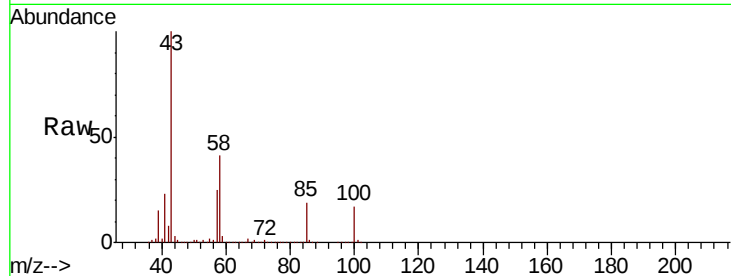




#51
 4-Methyl-2-Pentanone
 Concen: 275.414 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010785.D
 Acq: 10 Jul 2019 18:19

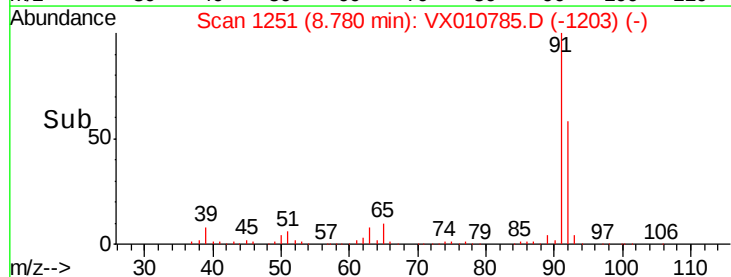
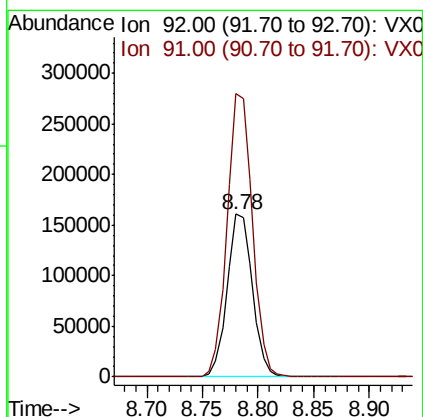
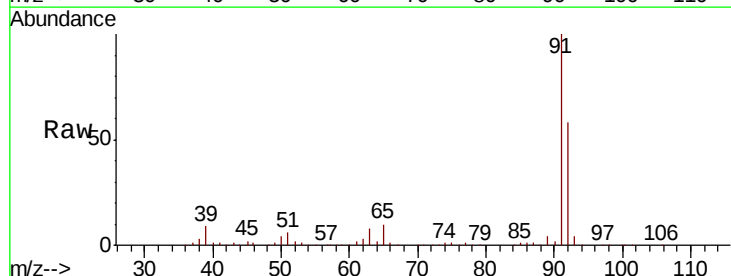
Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-SW-190709MS

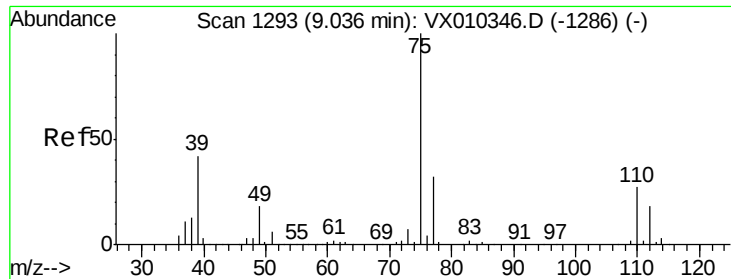
Tot Ion: 43 Resp: 716492
 Ion Ratio Lower Upper
 43 100
 58 40.3 33.5 50.3



#52
 Toluene
 Concen: 51.436 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010785.D
 Acq: 10 Jul 2019 18:19

Tgt Ion: 92 Resp: 252196
 Ion Ratio Lower Upper
 92 100
 91 174.0 139.8 209.6

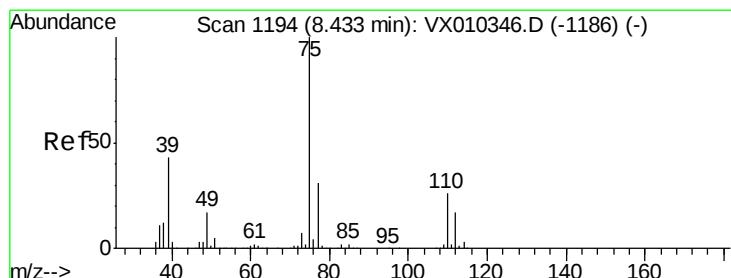
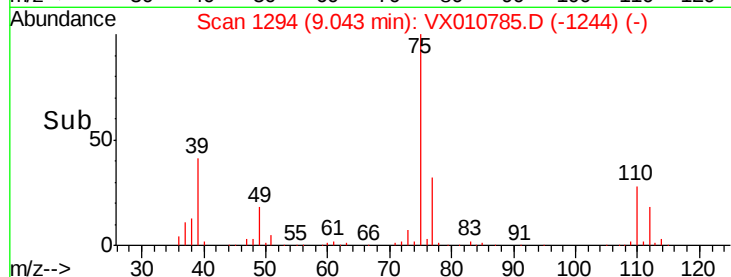
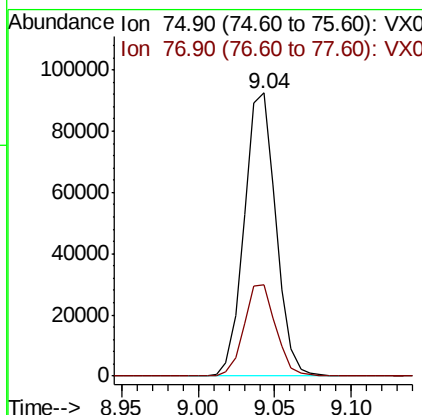
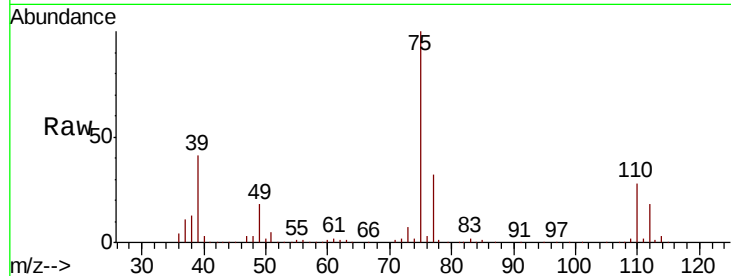




#53
 t-1,3-Dichloropropene
 Concen: 47.991 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010785.D
 Acq: 10 Jul 2019 18:19

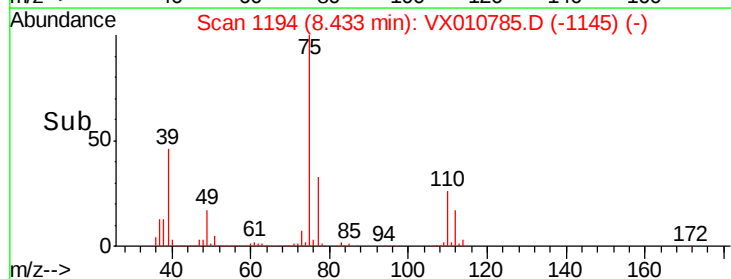
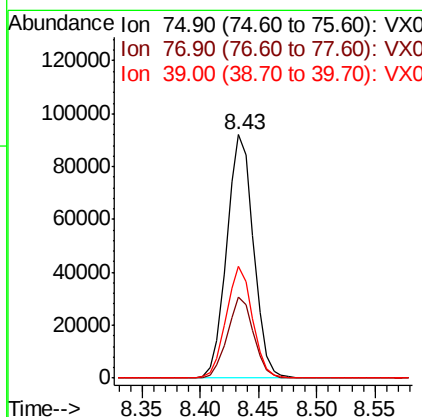
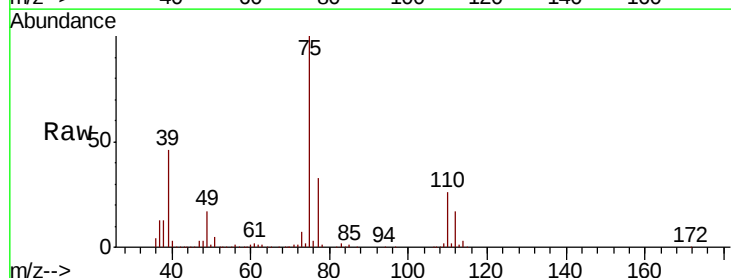
Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-SW-190709MS

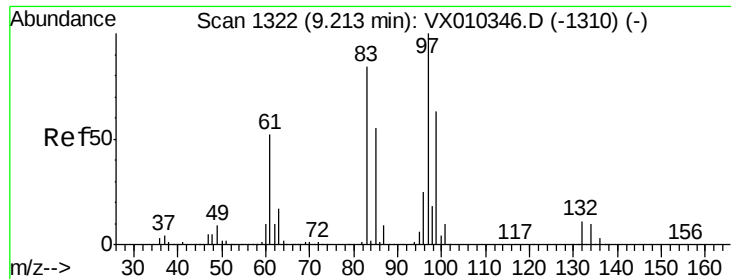
Tot Ion: 75 Resp: 133014
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 48.754 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010785.D
 Acq: 10 Jul 2019 18:19

Tgt Ion: 75 Resp: 146848
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.2 37.8
 39 45.7 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 51.751 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-SW-190709MS

Tot Ion: 97 Resp: 104649

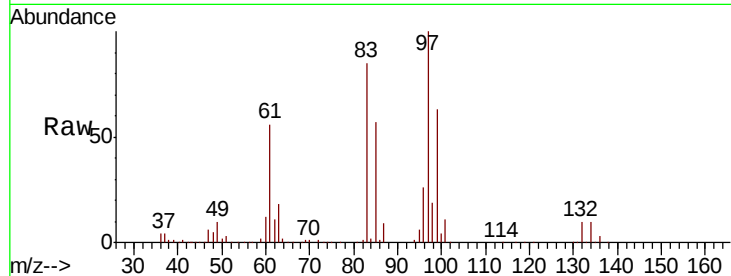
Ion Ratio Lower Upper

97 100

83 84.7 67.4 101.0

85 57.0 43.8 65.8

99 62.9 50.3 75.5

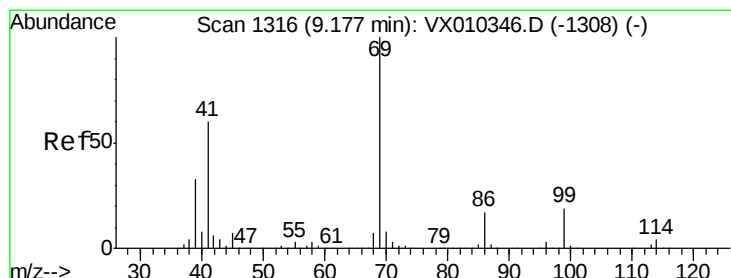
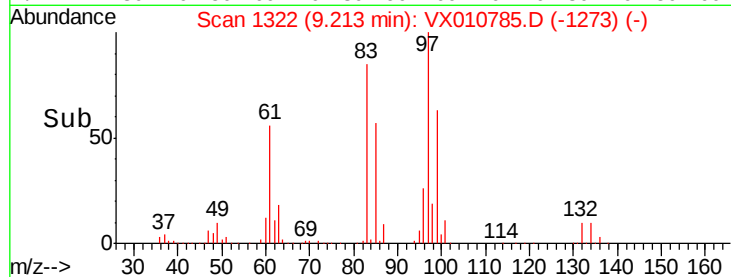
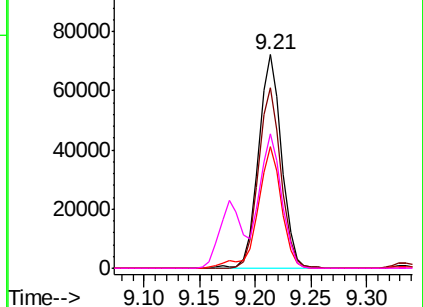


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.242 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

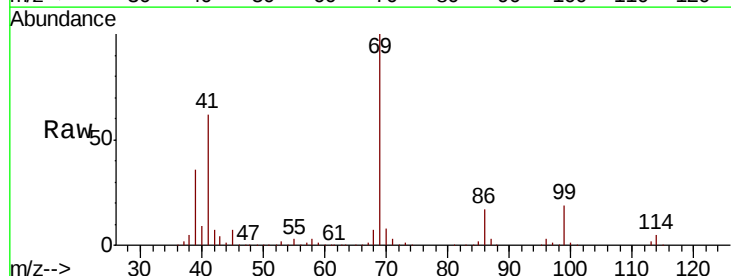
Tgt Ion: 69 Resp: 160033

Ion Ratio Lower Upper

69 100

41 61.0 47.1 70.7

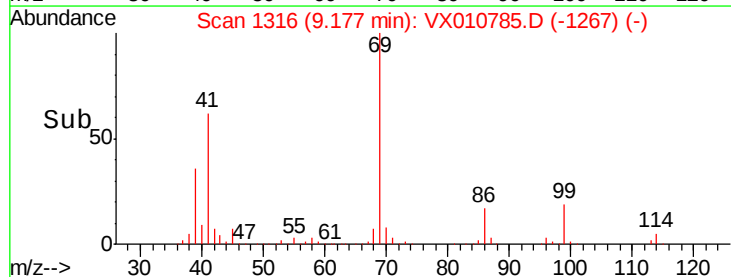
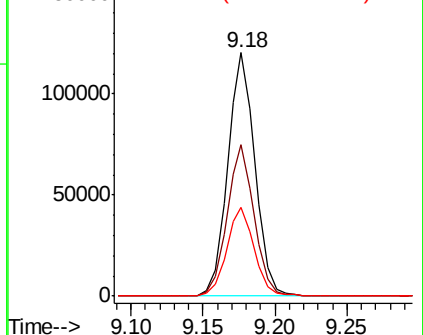
39 36.5 26.6 40.0

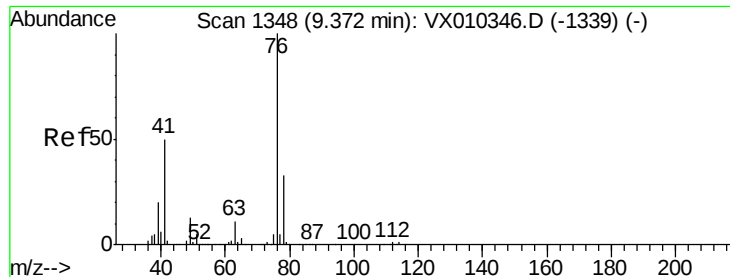


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 52.757 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

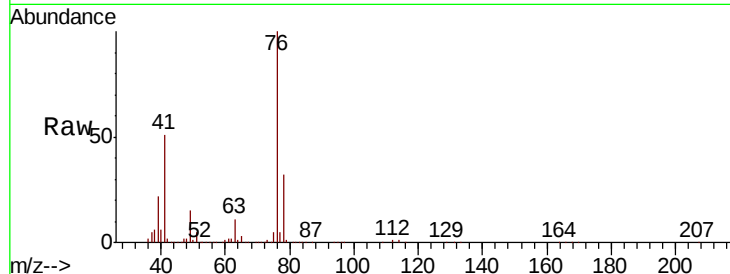
KY030LC068-SW-190709MS

Tot Ion: 76 Resp: 165602

Ion Ratio Lower Upper

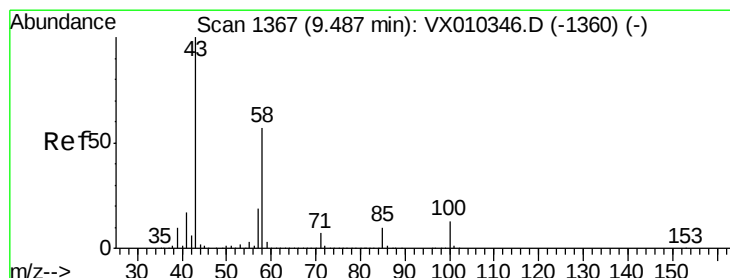
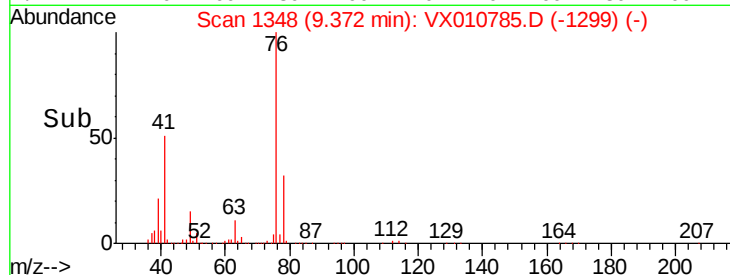
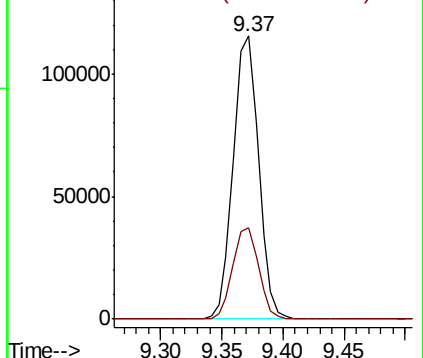
76 100

78 33.0 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 271.067 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VX010785.D

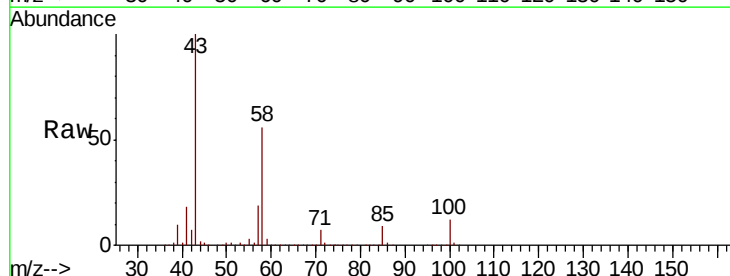
Acq: 10 Jul 2019 18:19

Tgt Ion: 43 Resp: 555005

Ion Ratio Lower Upper

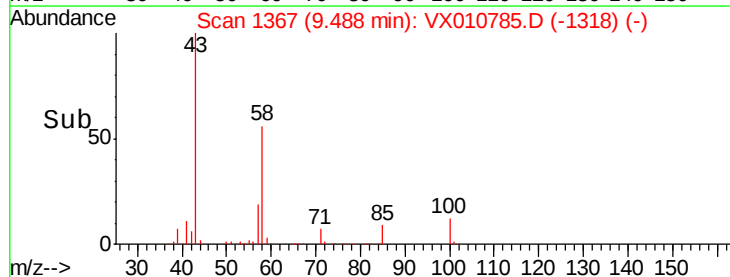
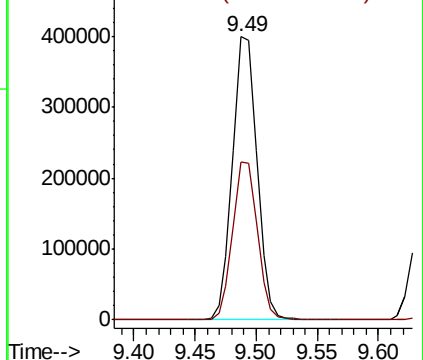
43 100

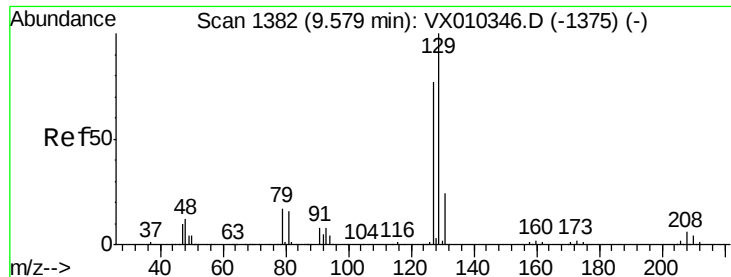
58 56.3 29.0 87.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 49.511 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

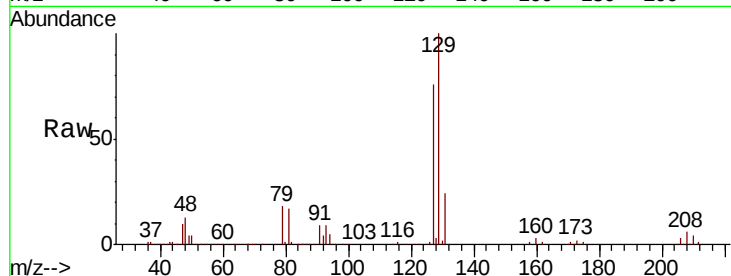
KY030LC068-SW-190709MS

Tot Ion:129 Resp: 112099

Ion Ratio Lower Upper

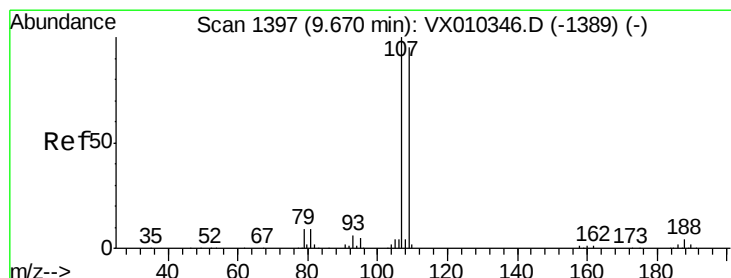
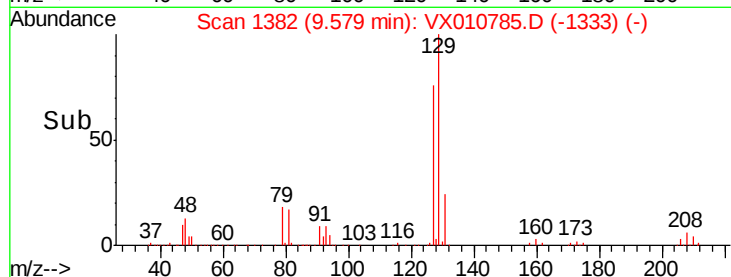
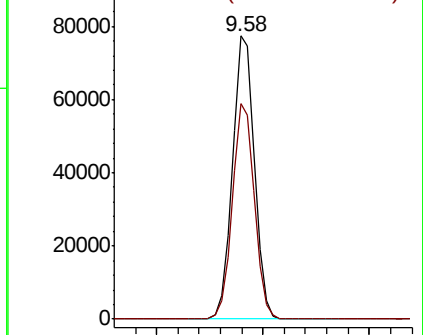
129 100

127 76.3 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: 51.905 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010785.D

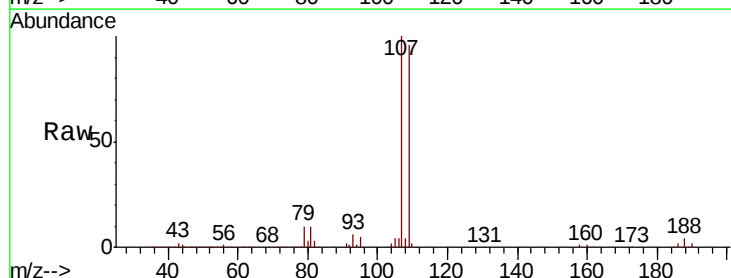
Acq: 10 Jul 2019 18:19

Tgt Ion:107 Resp: 113292

Ion Ratio Lower Upper

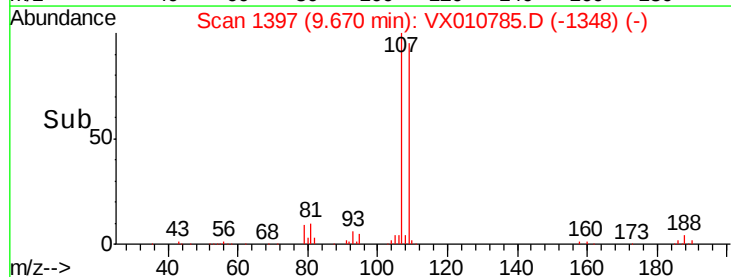
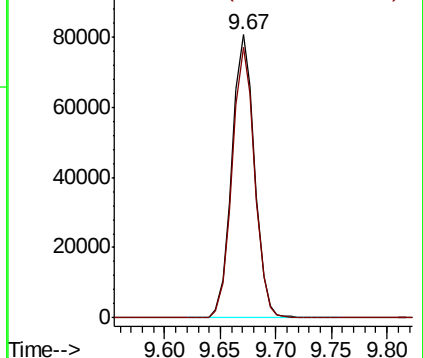
107 100

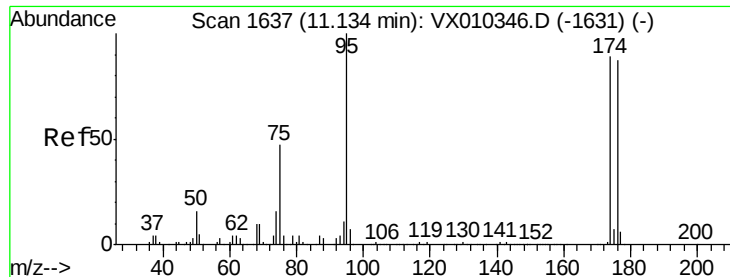
109 94.9 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 48.956 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-SW-190709MS

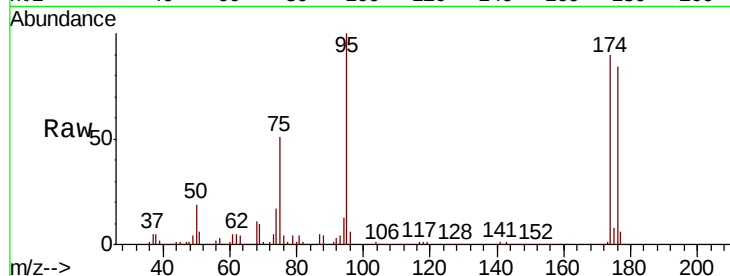
Tot Ion: 95 Resp: 124421

Ion Ratio Lower Upper

95 100

174 93.5 0.0 187.6

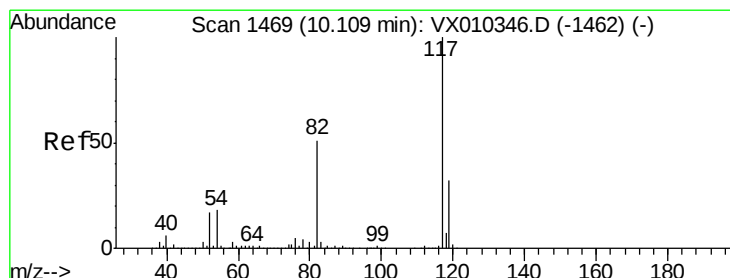
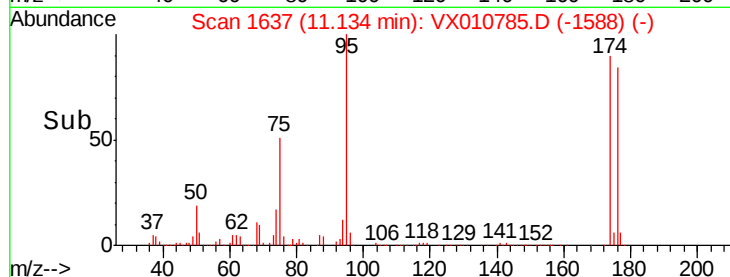
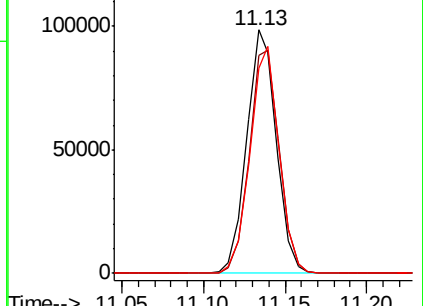
176 91.5 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010785.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010785.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010785.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

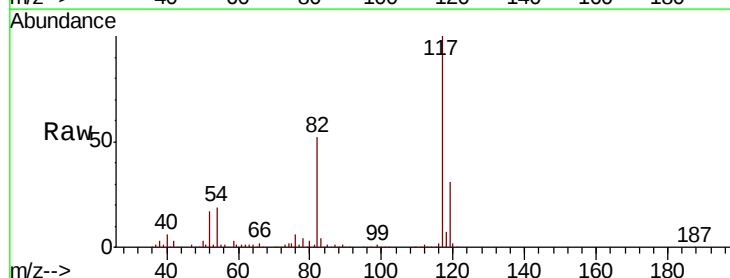
Tgt Ion: 117 Resp: 278831

Ion Ratio Lower Upper

117 100

82 52.3 41.2 61.8

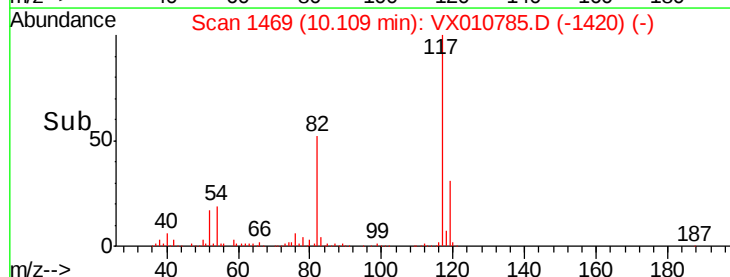
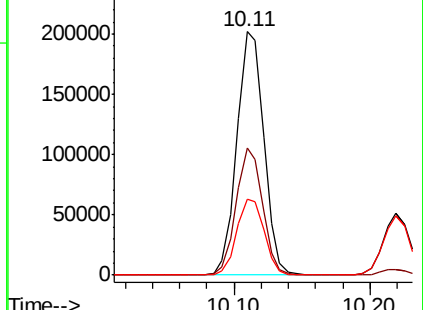
119 31.3 25.5 38.3

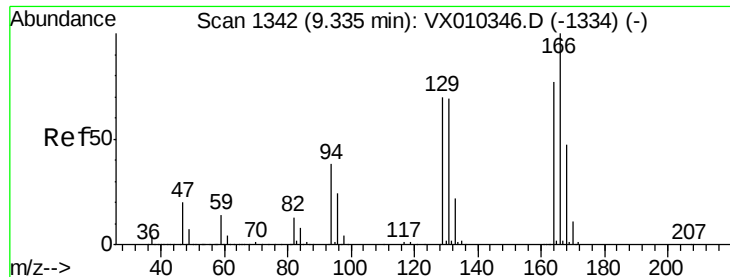


Abundance Ion 116.90 (116.60 to 117.60): VX010785.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010785.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010785.D (-1420) (-)

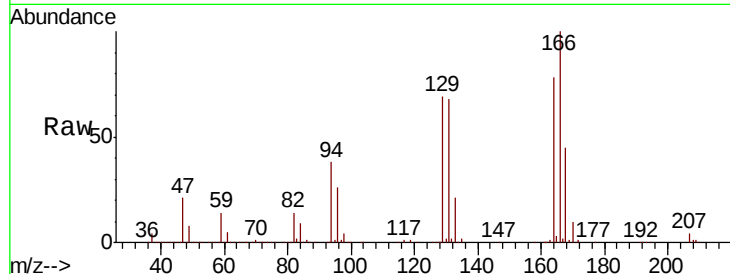




#64
Tetrachloroethene
Concen: 48.405 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010785.D
Acq: 10 Jul 2019 18:19

Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-SW-190709MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.4	103.6	155.4
129	88.1	73.0	109.4
131	86.3	71.0	106.4



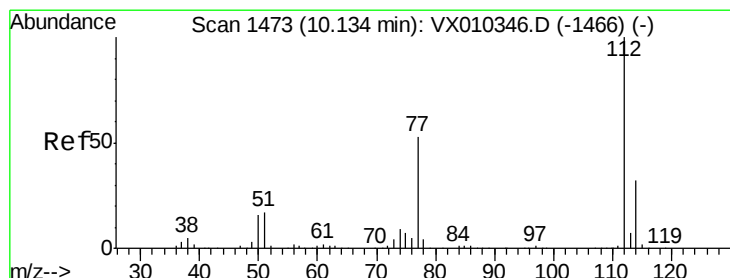
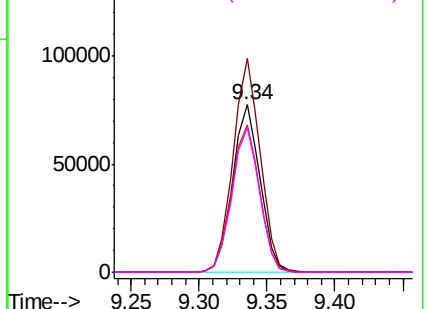
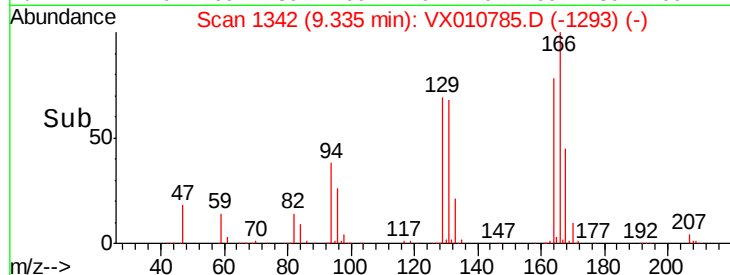
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

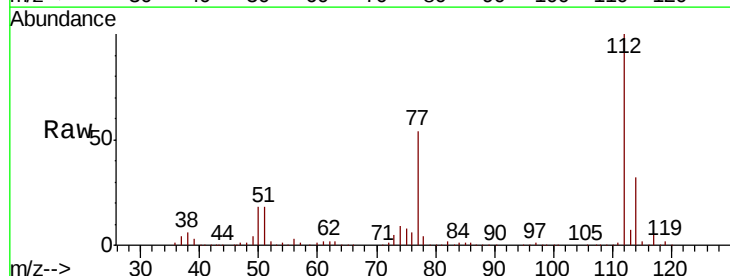
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65
Chlorobenzene
Concen: 50.209 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010785.D
Acq: 10 Jul 2019 18:19

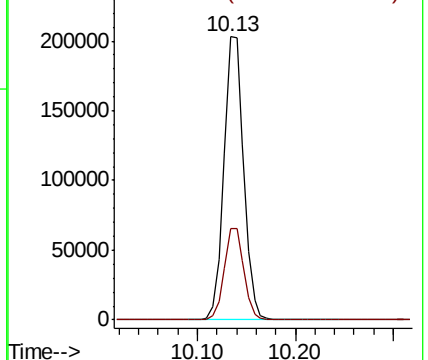
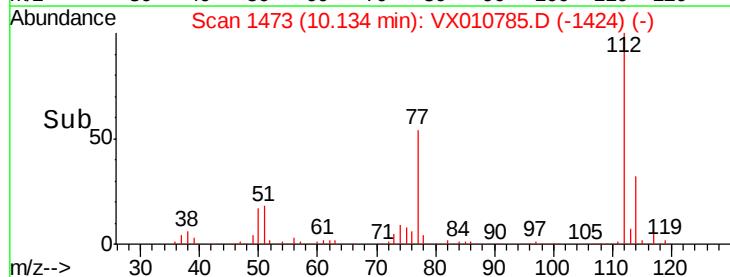
Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.4	38.2

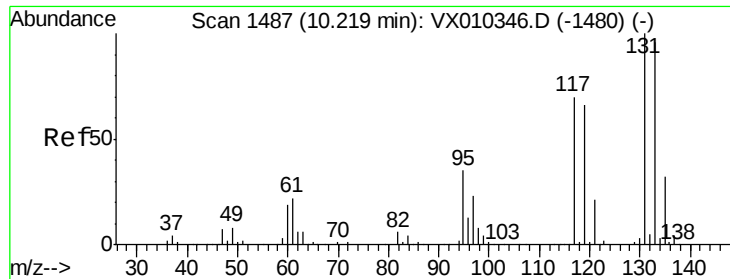


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

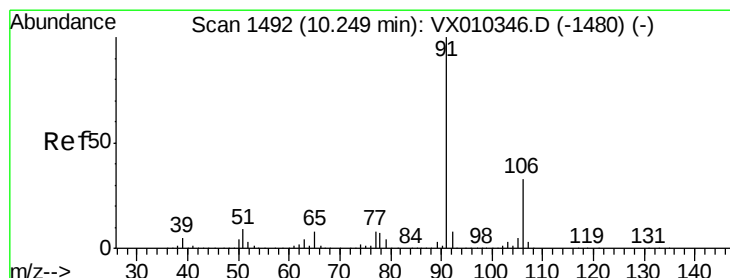
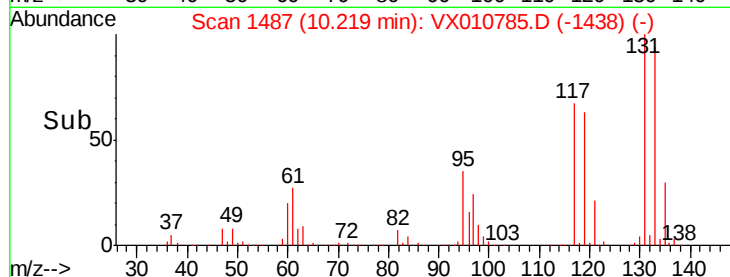
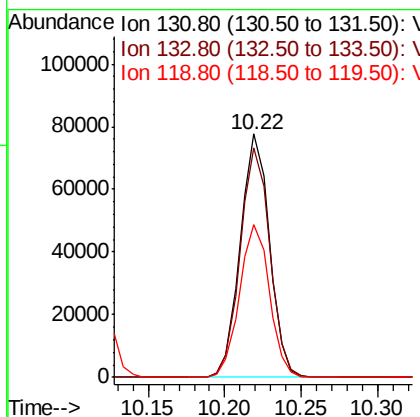
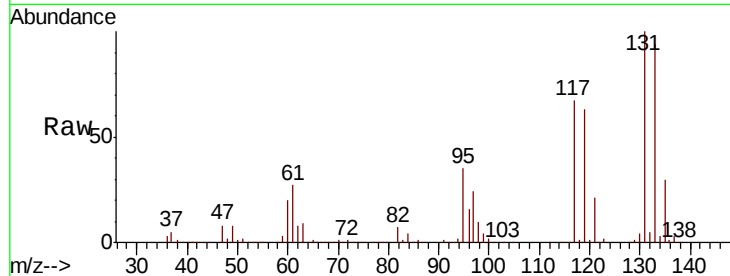




#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.032 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX010785.D
 Acq: 10 Jul 2019 18:19

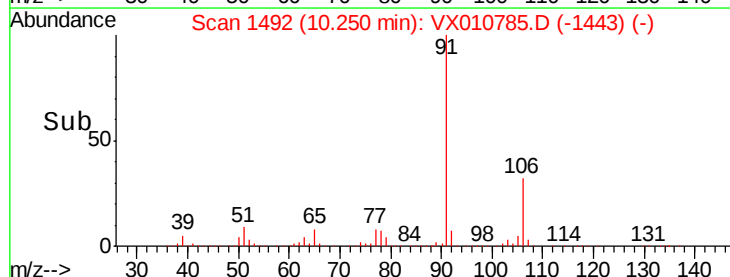
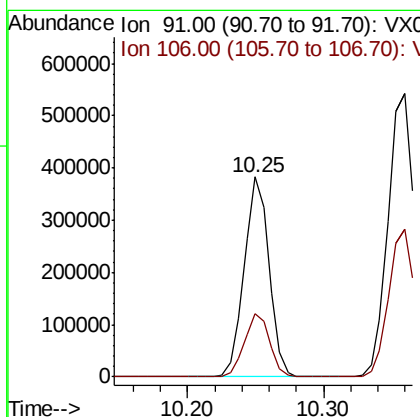
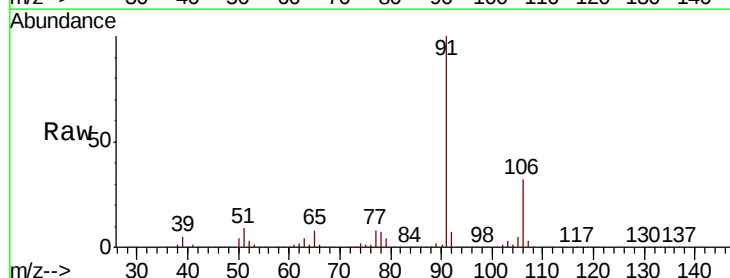
Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-SW-190709MS

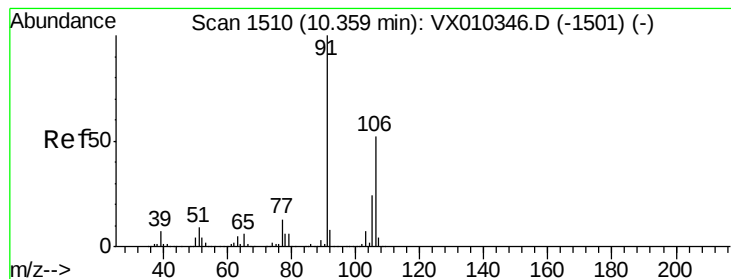
Tot Ion:131 Resp: 103164
 Ion Ratio Lower Upper
 131 100
 133 95.6 47.7 143.1
 119 64.3 32.6 97.7



#67
 Ethyl Benzene
 Concen: 51.314 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX010785.D
 Acq: 10 Jul 2019 18:19

Tgt Ion: 91 Resp: 490392
 Ion Ratio Lower Upper
 91 100
 106 31.7 26.2 39.2





#68

m/p-Xylenes

Concen: 103.118 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

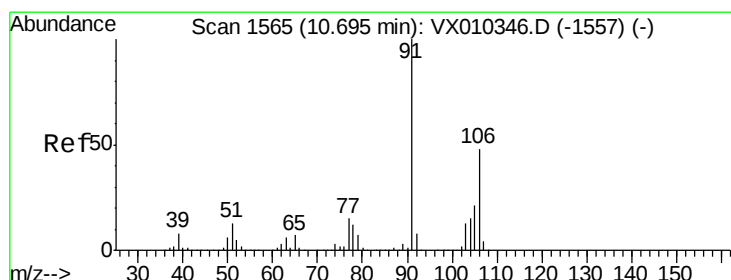
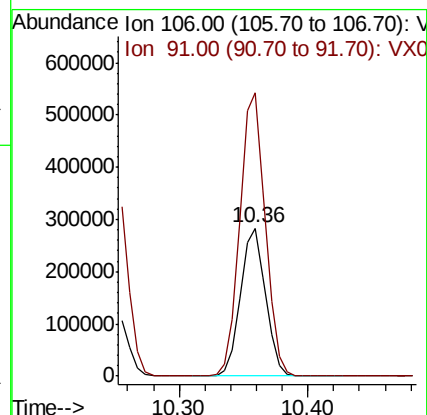
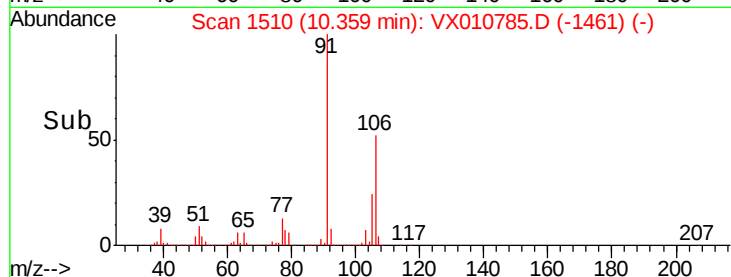
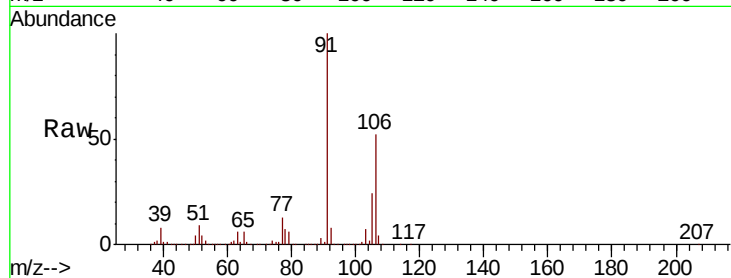
KY030LC068-SW-190709MS

Tot Ion:106 Resp: 381843

Ion Ratio Lower Upper

106 100

91 194.7 155.3 232.9



#69

o-Xylene

Concen: 51.184 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VX010785.D

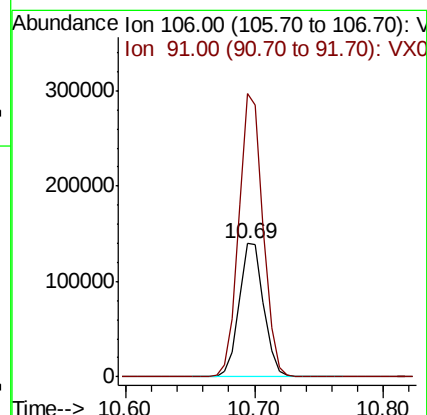
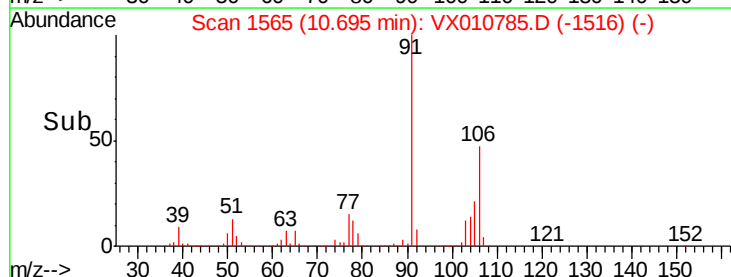
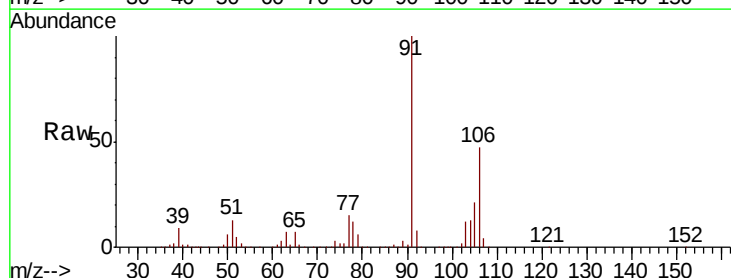
Acq: 10 Jul 2019 18:19

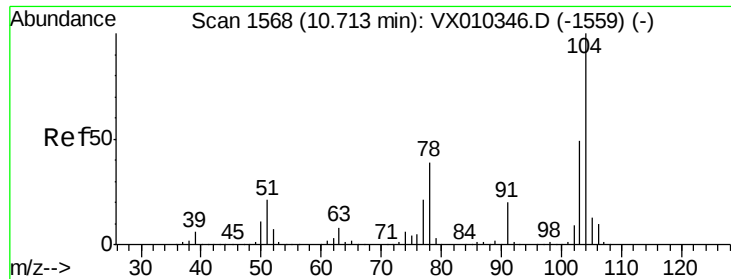
Tgt Ion:106 Resp: 186387

Ion Ratio Lower Upper

106 100

91 208.5 102.7 308.1

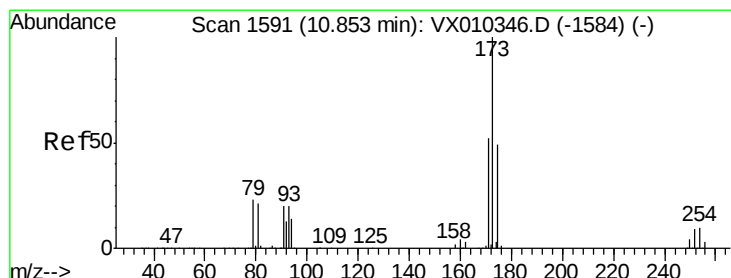
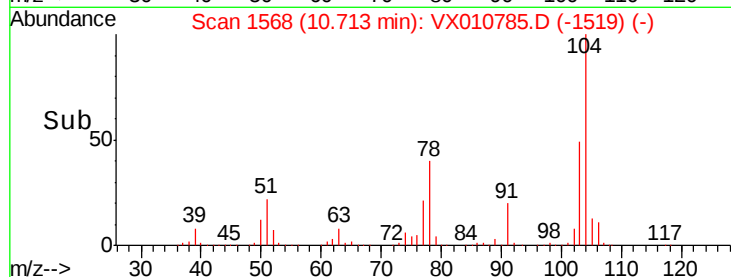
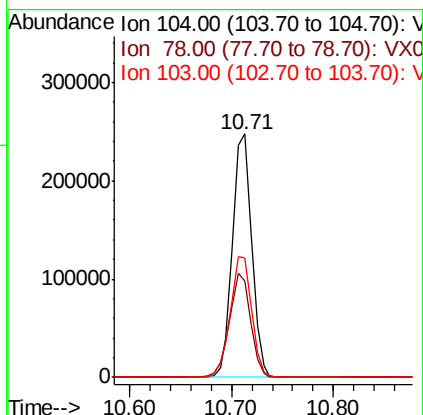
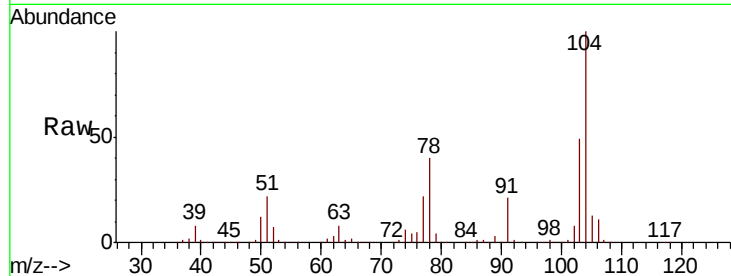




#70
Stvrene
Concen: 52.716 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010785.D
Acq: 10 Jul 2019 18:19

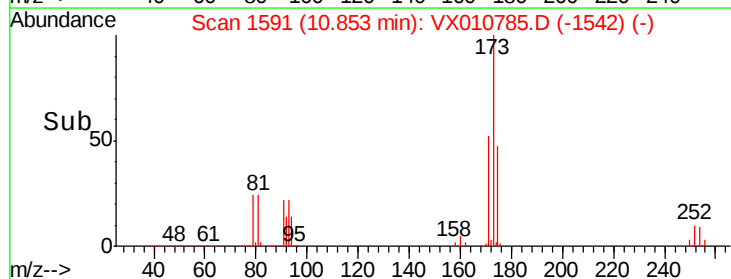
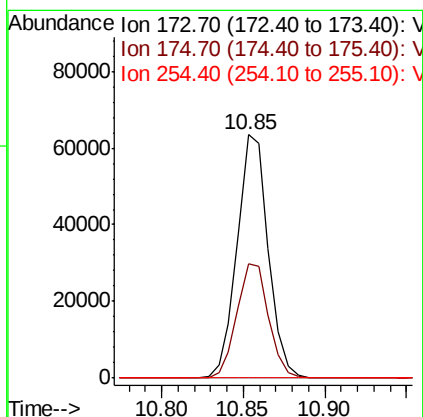
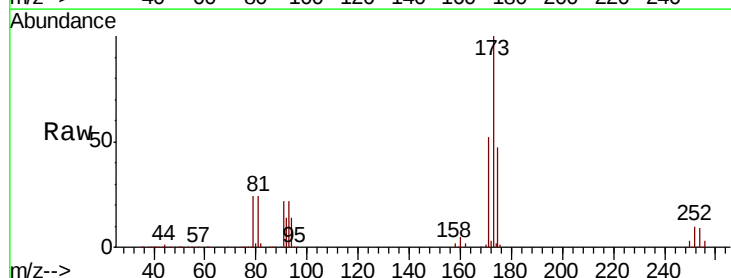
Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-SW-190709MS

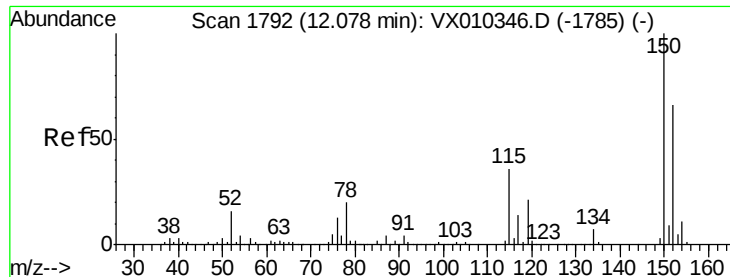
Tot Ion:104 Resp: 321936
Ion Ratio Lower Upper
104 100
78 46.8 36.2 54.2
103 54.8 44.2 66.4



#71
Bromoform
Concen: 47.089 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX010785.D
Acq: 10 Jul 2019 18:19

Tgt Ion:173 Resp: 84437
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.3
254 0.1 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: VX010785.D

Acq: 10 Jul 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-SW-190709MS

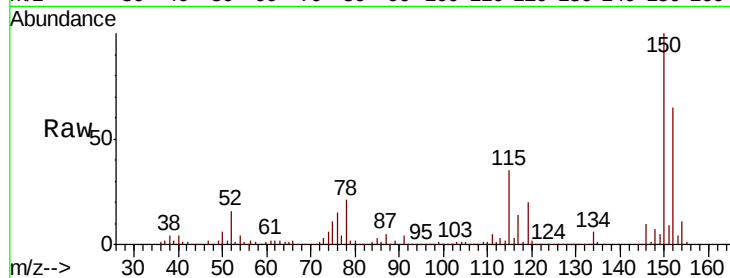
Tot Ion:152 Resp: 151323

Ion Ratio Lower Upper

152 100

115 77.6 38.6 115.7

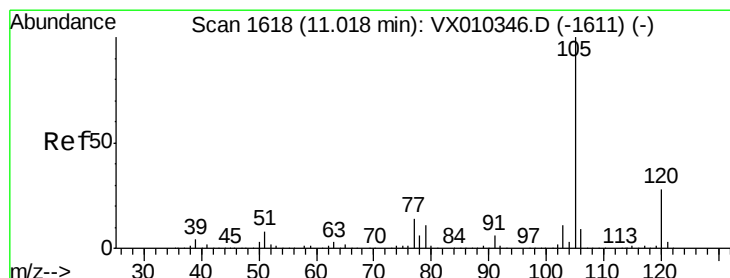
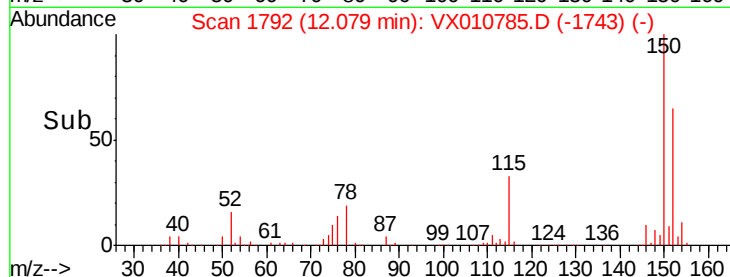
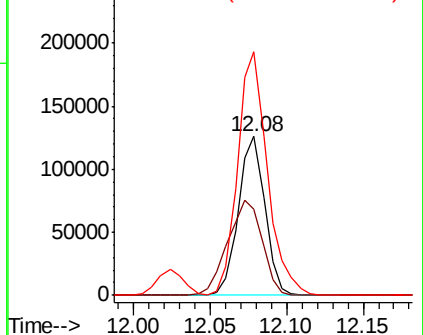
150 171.9 0.0 347.4



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: 48.352 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010785.D

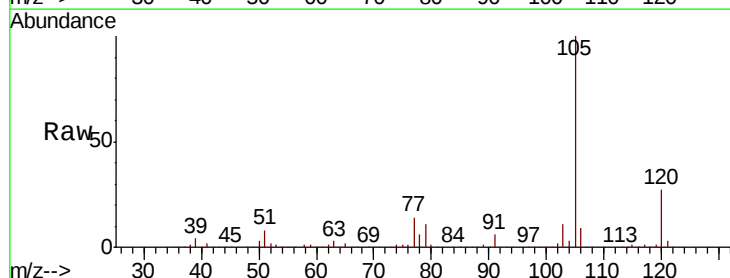
Acq: 10 Jul 2019 18:19

Tgt Ion:105 Resp: 495990

Ion Ratio Lower Upper

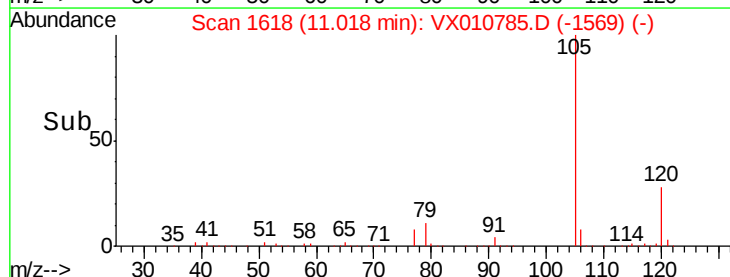
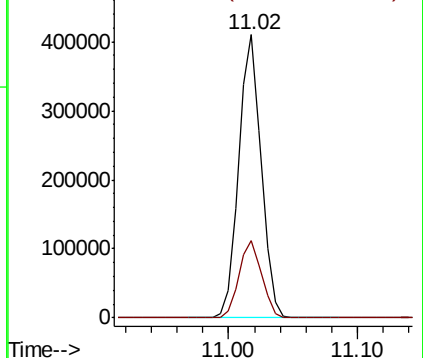
105 100

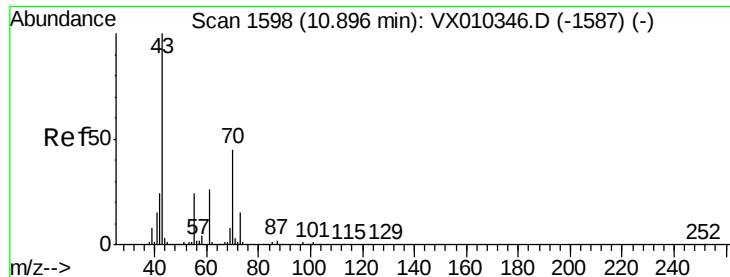
120 27.6 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 48.117 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-SW-190709MS

Tot Ion: 43 Resp: 186534

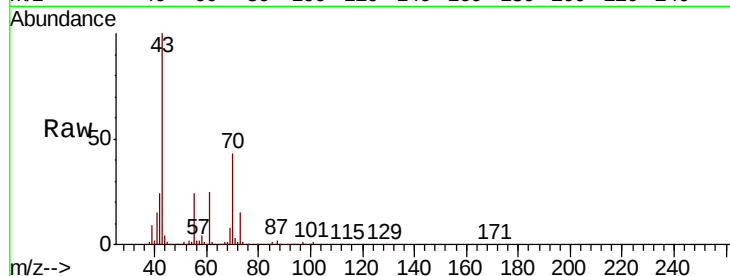
Ion Ratio Lower Upper

43 100

70 43.8 36.6 54.8

55 23.9 18.7 28.1

61 25.1 20.6 31.0

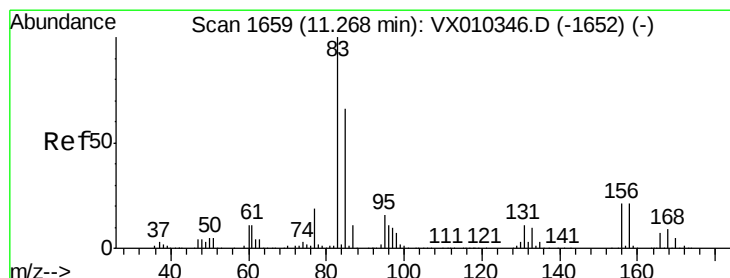
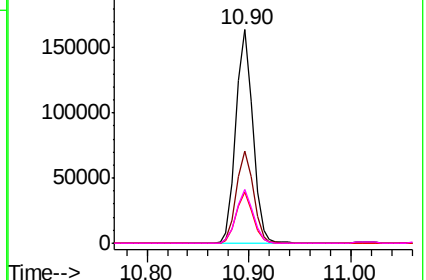
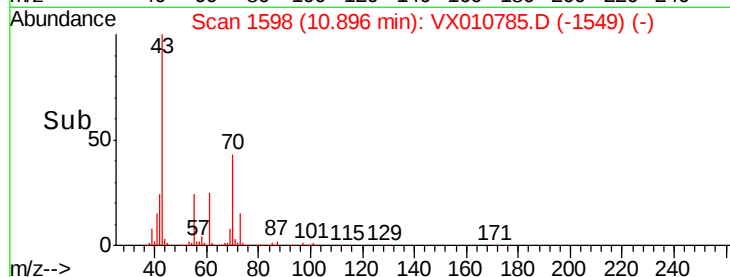


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.674 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

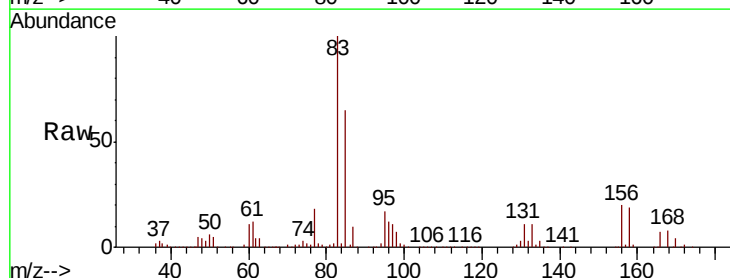
Tgt Ion: 83 Resp: 168748

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.4

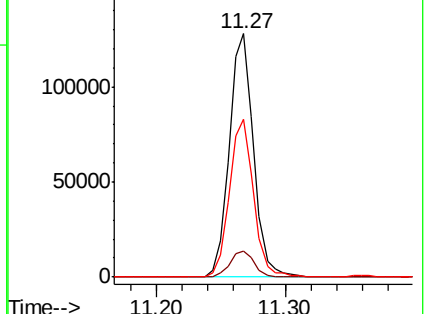
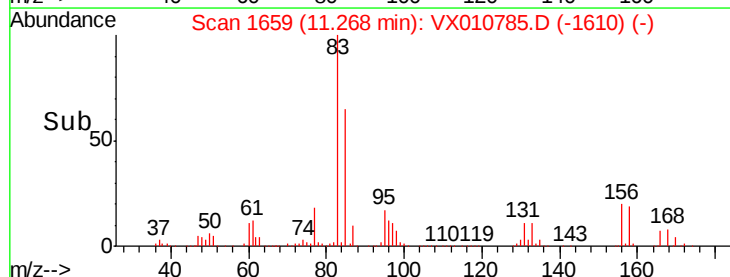
85 64.6 32.3 96.8

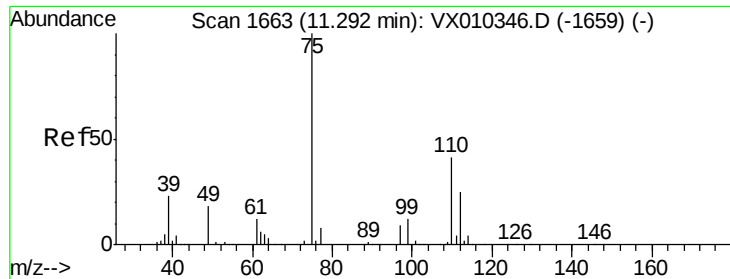


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

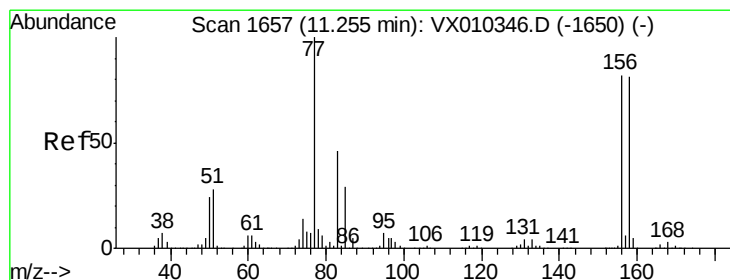
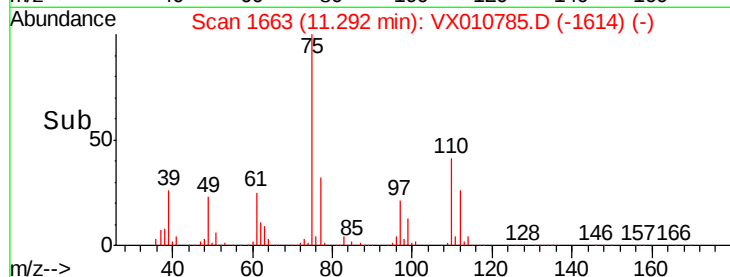
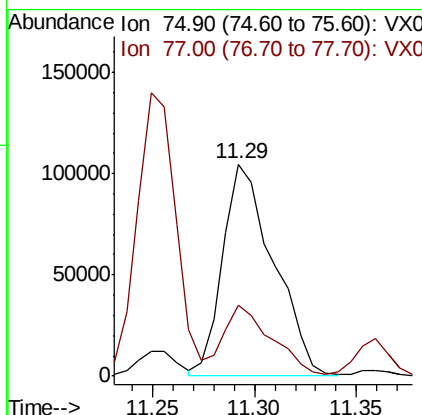
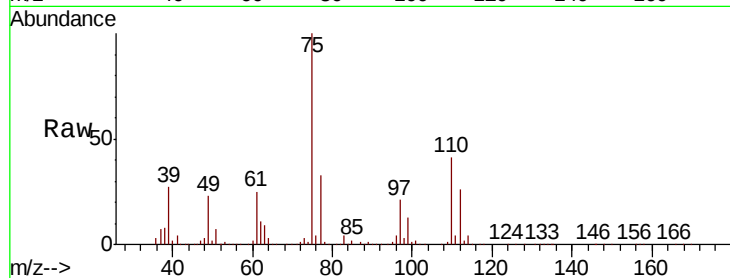




#76
1,2,3-Trichloropropane
Concen: 65.715 ug/l
RT: 11.29 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VX010785.D
Acq: 10 Jul 2019 18:19

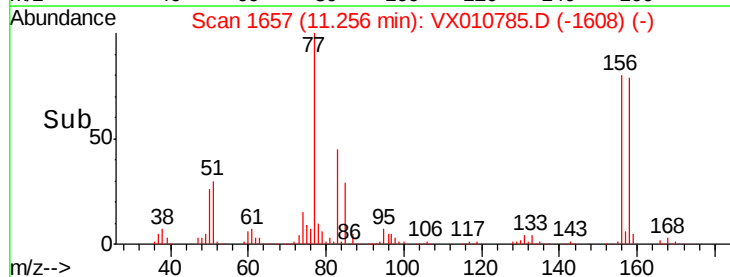
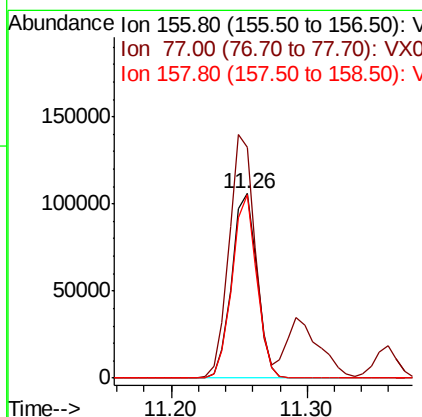
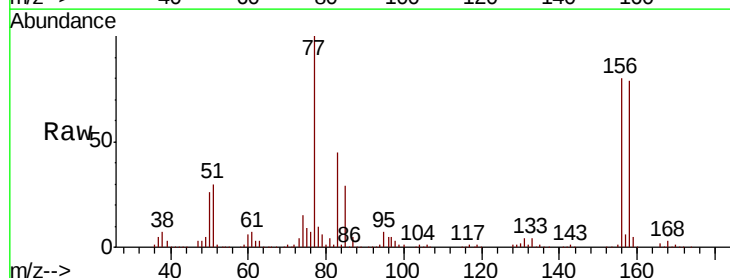
Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-SW-190709MS

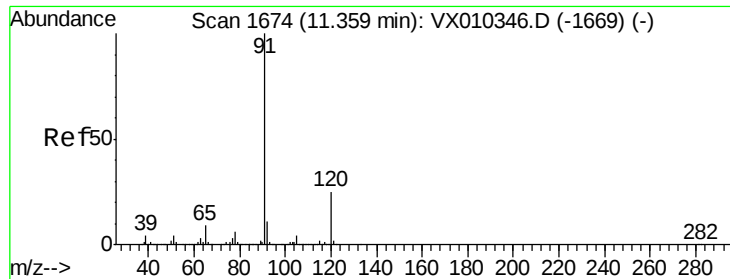
Tot Ion: 75 Resp: 181208
Ion Ratio Lower Upper
75 100
77 32.0 22.6 67.8



#77
Bromobenzene
Concen: 48.044 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX010785.D
Acq: 10 Jul 2019 18:19

Tgt Ion: 156 Resp: 137611
Ion Ratio Lower Upper
156 100
77 134.2 66.3 198.7
158 96.4 48.9 146.7





#78

n-propylbenzene

Concen: 49.406 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

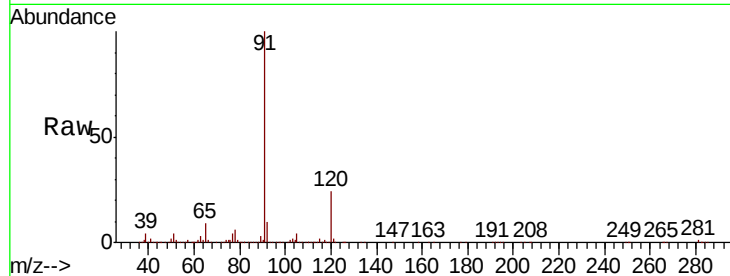
KY030LC068-SW-190709MS

Tot Ion: 91 Resp: 556989

Ion Ratio Lower Upper

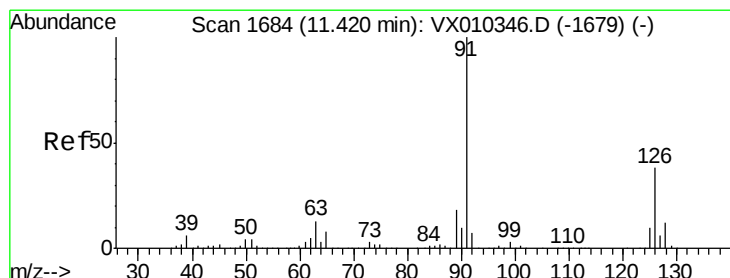
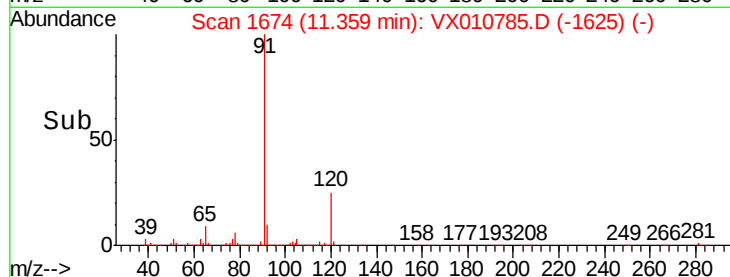
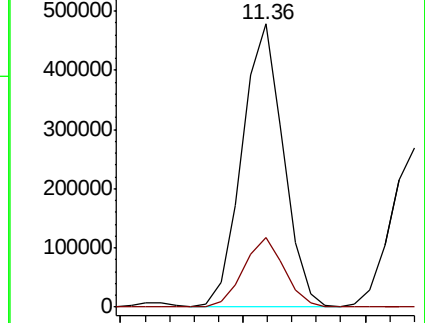
91 100

120 24.2 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: 48.995 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010785.D

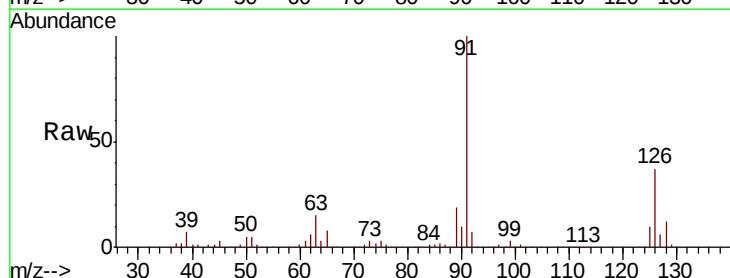
Acq: 10 Jul 2019 18:19

Tgt Ion: 91 Resp: 328916

Ion Ratio Lower Upper

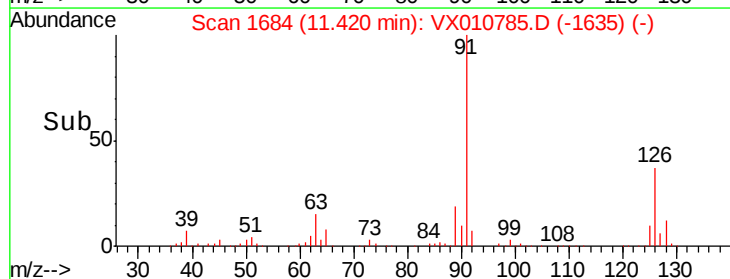
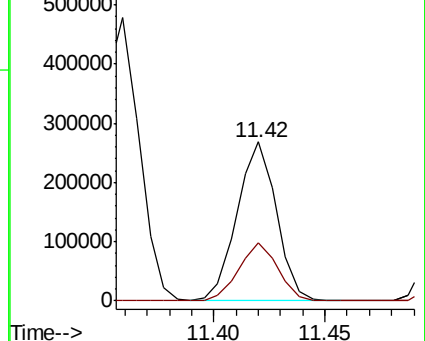
91 100

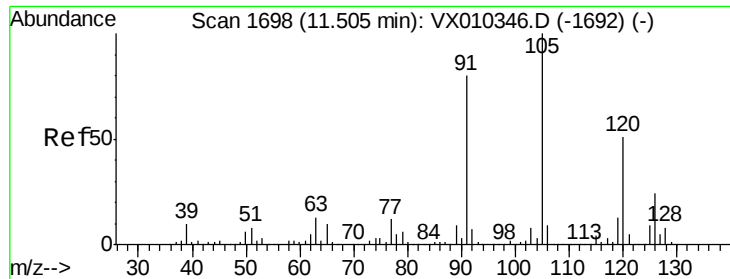
126 36.5 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

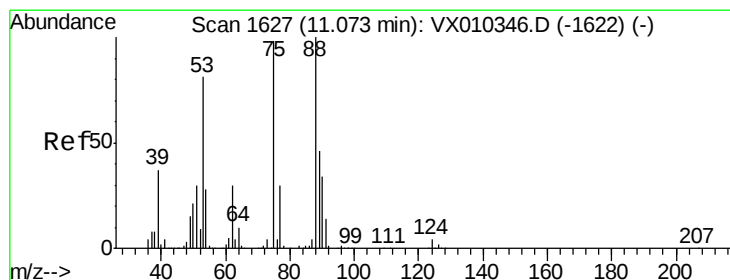
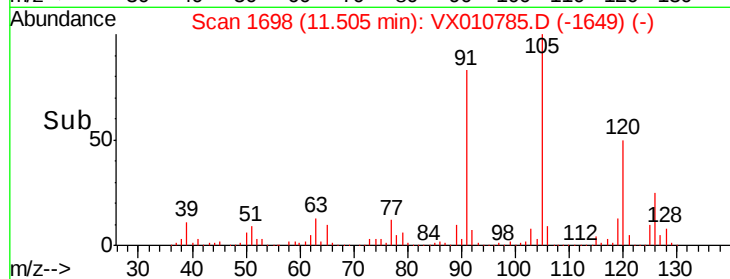
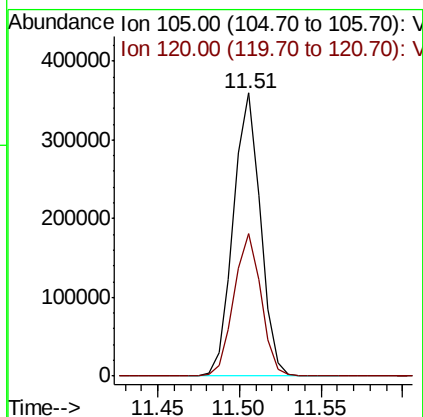
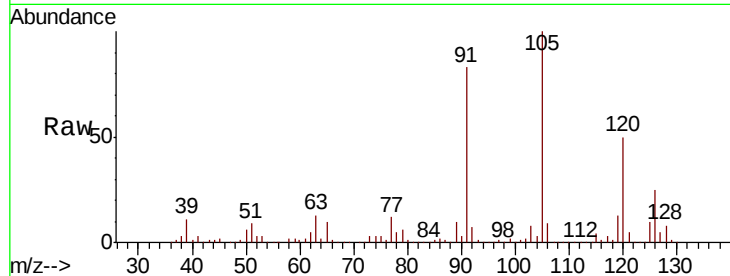




#80
 1,3,5-Trimethylbenzene
 Concen: 49.125 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010785.D
 Acq: 10 Jul 2019 18:19

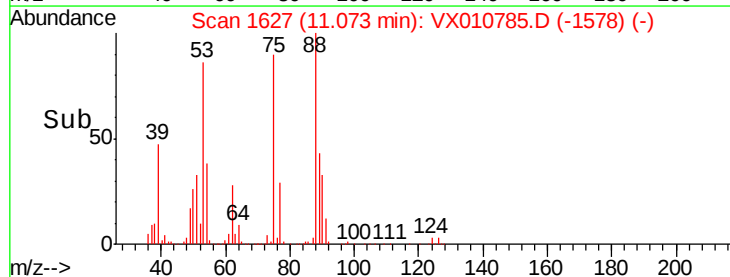
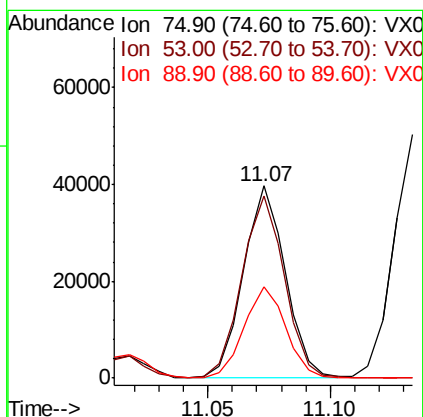
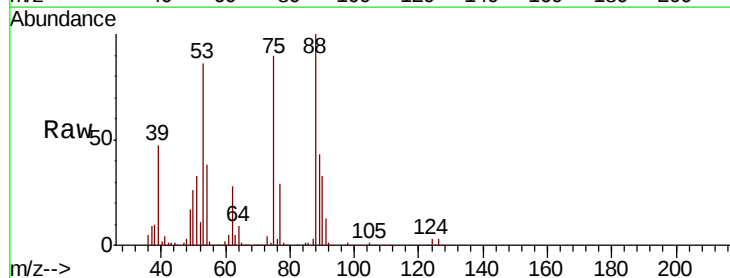
Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-SW-190709MS

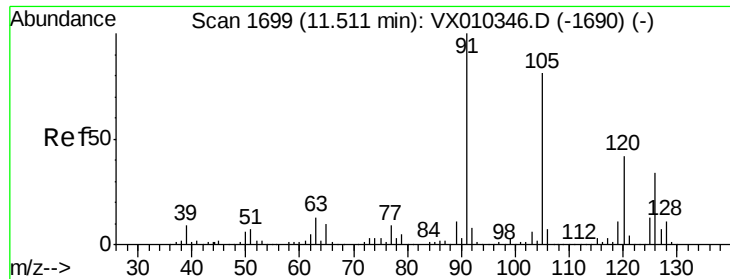
Tot Ion:105 Resp: 415417
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 39.787 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX010785.D
 Acq: 10 Jul 2019 18:19

Tgt Ion: 75 Resp: 47029
 Ion Ratio Lower Upper
 75 100
 53 96.3 66.1 99.1
 89 47.3 37.8 56.6

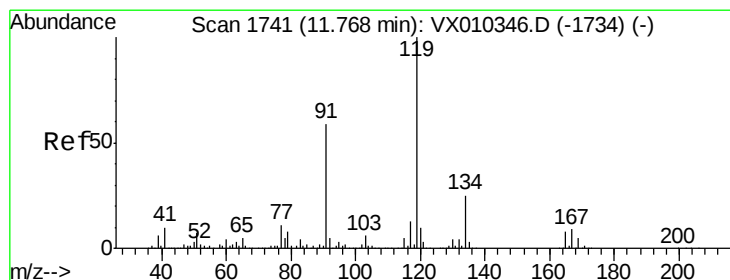
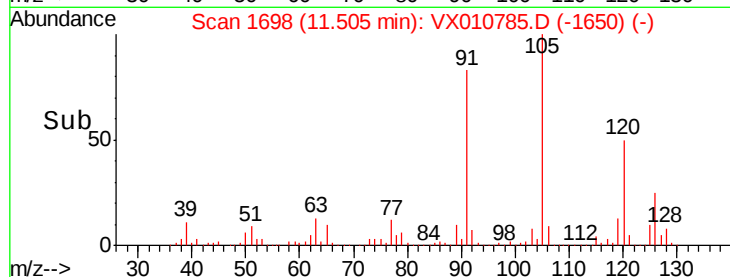
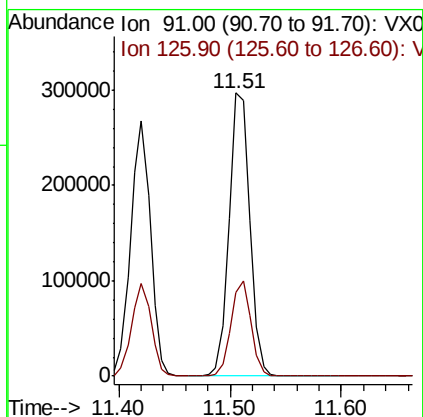
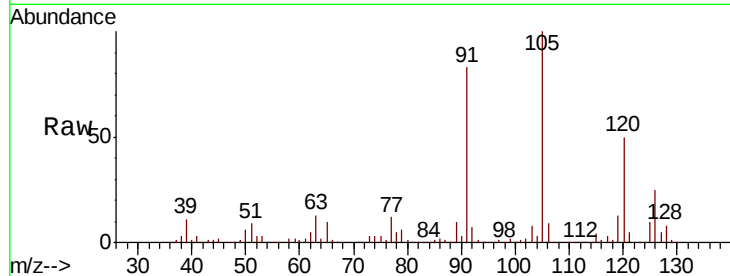




#82
4-Chlorotoluene
Concen: 49.942 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010785.D
Acq: 10 Jul 2019 18:19

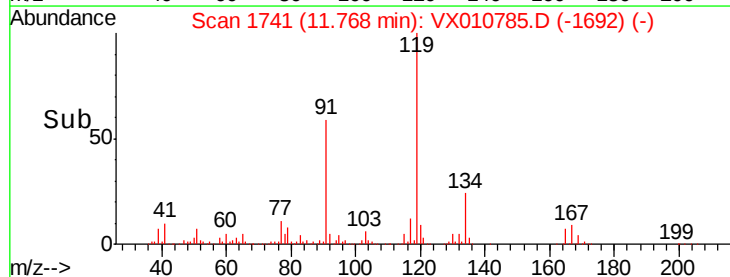
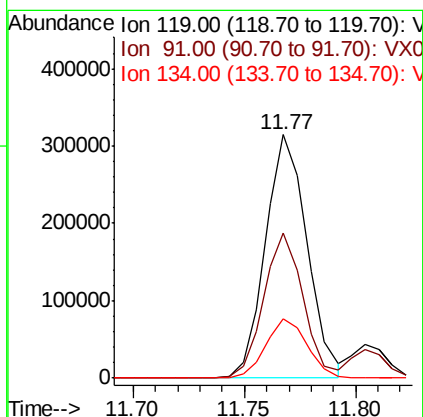
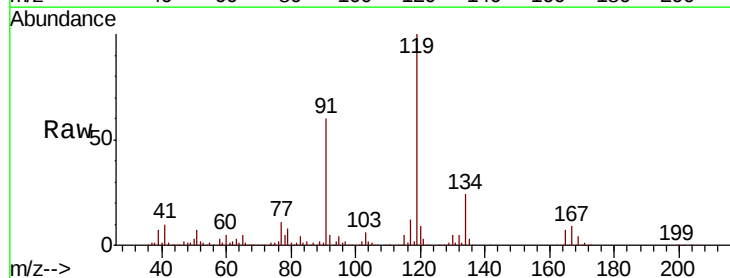
Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-SW-190709MS

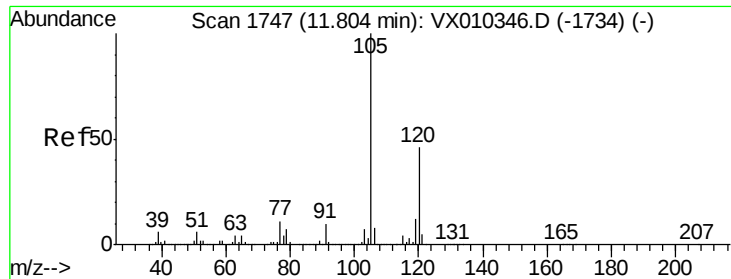
Tot Ion: 91 Resp: 381508
Ion Ratio Lower Upper
91 100
126 32.5 16.2 48.6



#83
tert-Butylbenzene
Concen: 48.183 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010785.D
Acq: 10 Jul 2019 18:19

Tgt Ion: 119 Resp: 408952
Ion Ratio Lower Upper
119 100
91 56.5 27.6 82.7
134 24.1 11.8 35.4

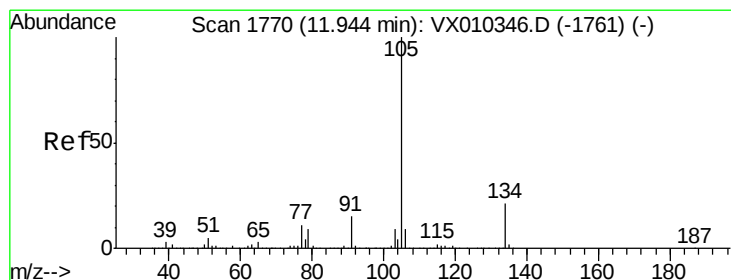
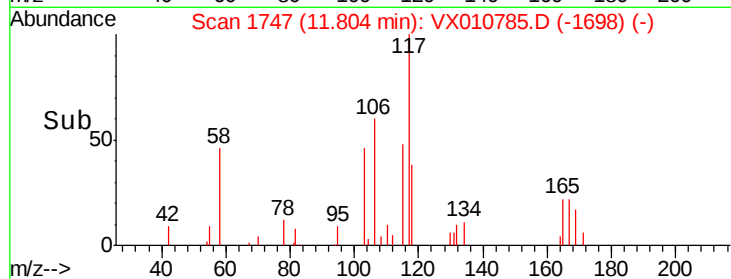
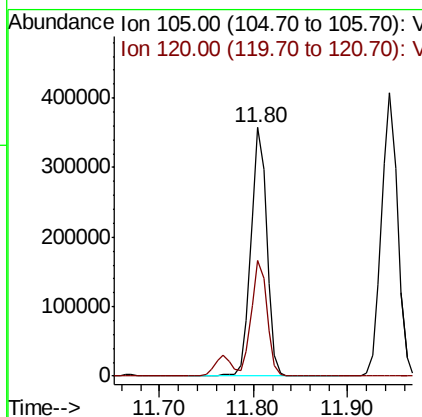
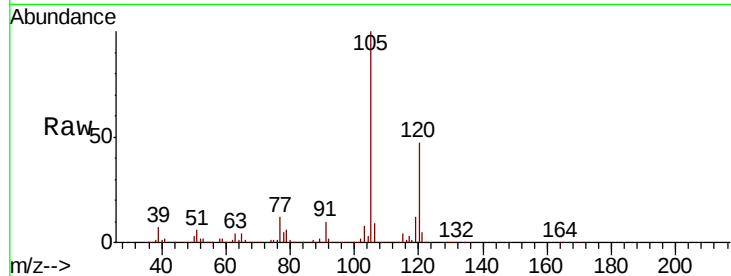




#84
 1,2,4-Trimethylbenzene
 Concen: 49.866 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010785.D
 Acq: 10 Jul 2019 18:19

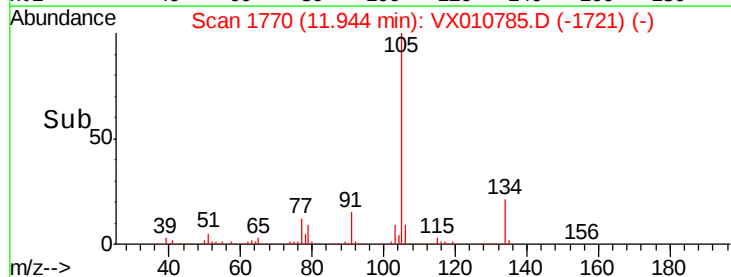
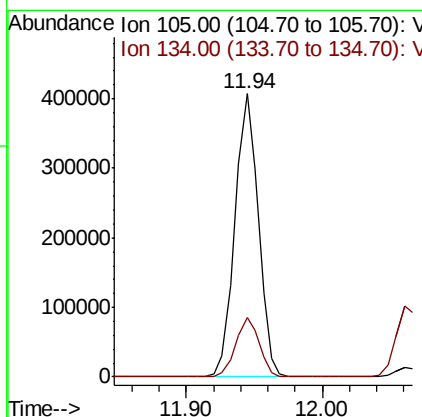
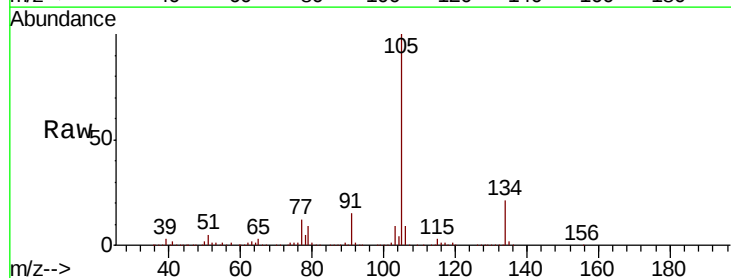
Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-SW-190709MS

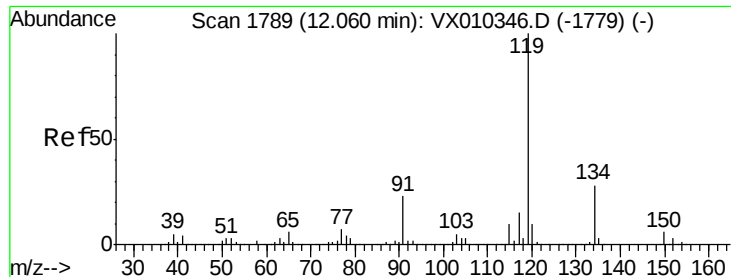
Tot Ion:105 Resp: 423664
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 48.818 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010785.D
 Acq: 10 Jul 2019 18:19

Tgt Ion:105 Resp: 486495
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.7 31.9





#86

p-Isopropyltoluene

Concen: 49.265 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-SW-190709MS

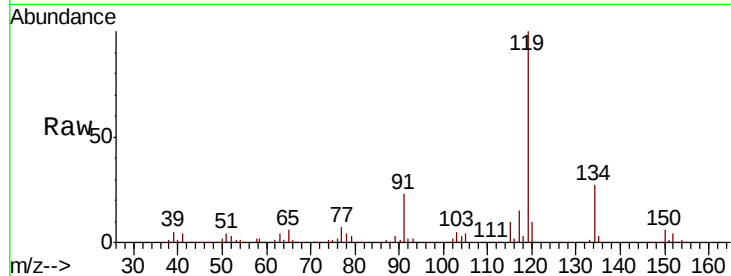
Tot Ion:119 Resp: 454115

Ion Ratio Lower Upper

119 100

134 26.8 13.7 41.1

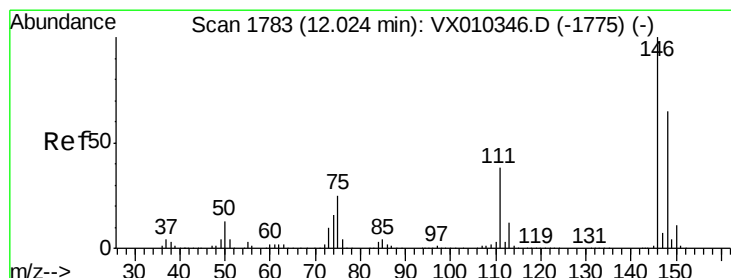
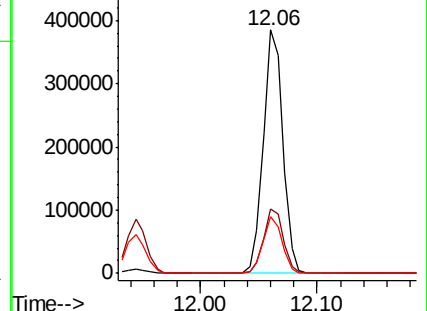
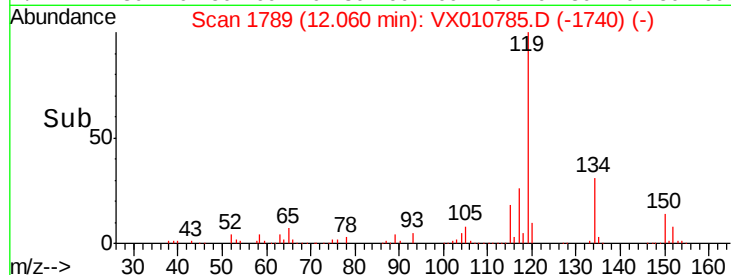
91 22.7 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 47.806 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

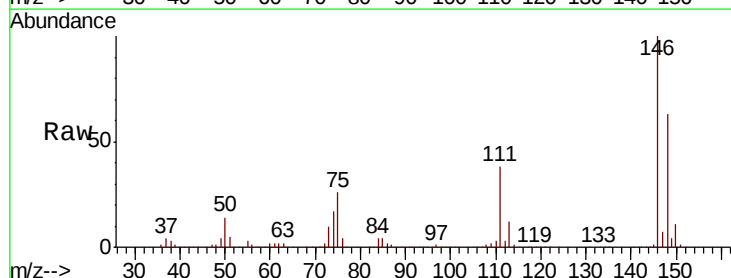
Tgt Ion:146 Resp: 239018

Ion Ratio Lower Upper

146 100

111 38.0 19.1 57.1

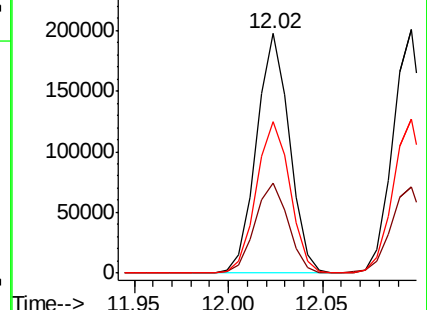
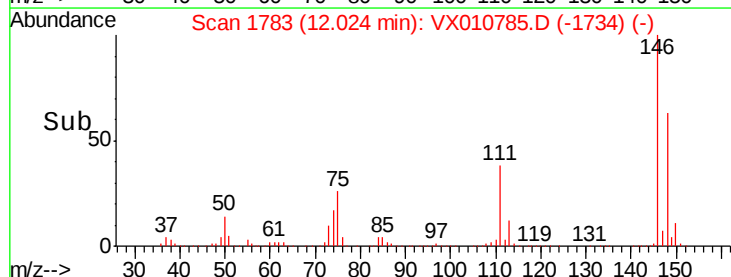
148 64.8 32.5 97.4

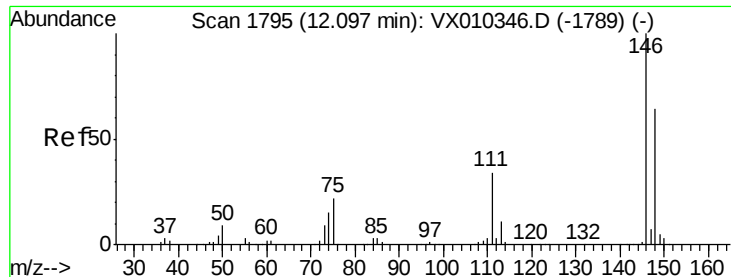


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 47.339 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-SW-190709MS

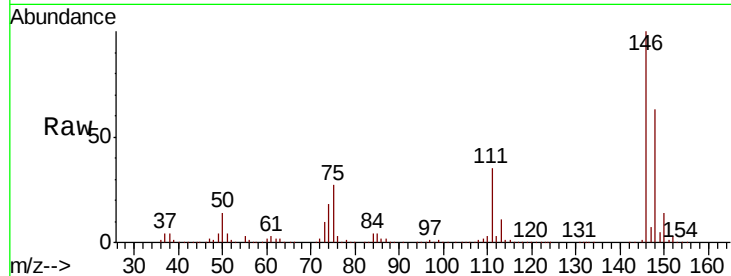
Tot Ion:146 Resp: 240960

Ion Ratio Lower Upper

146 100

111 36.9 18.1 54.3

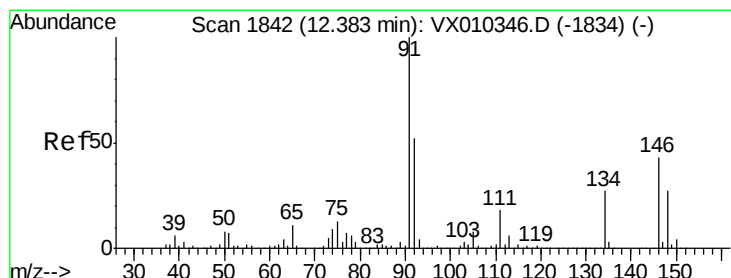
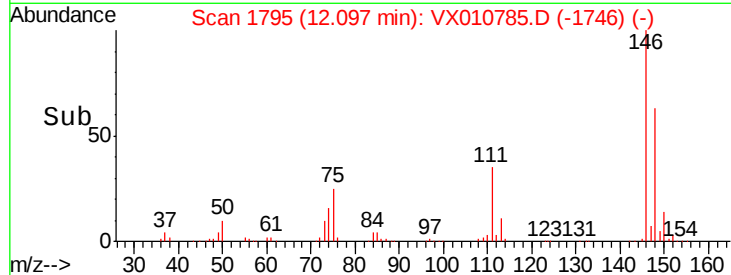
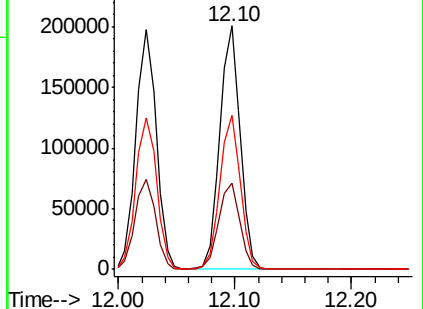
148 63.4 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 49.729 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

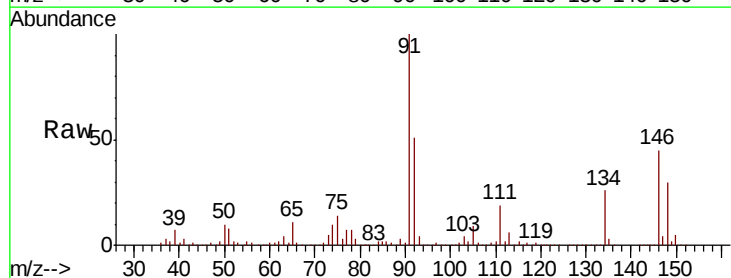
Tgt Ion: 91 Resp: 389519

Ion Ratio Lower Upper

91 100

92 52.1 26.2 78.5

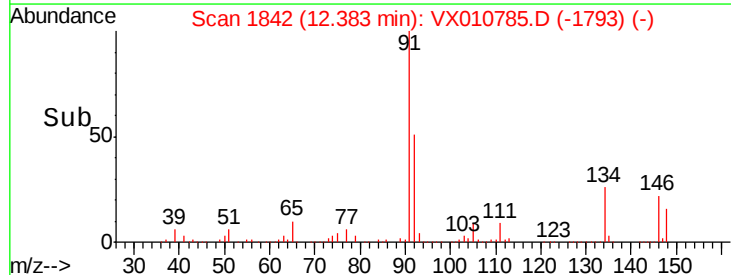
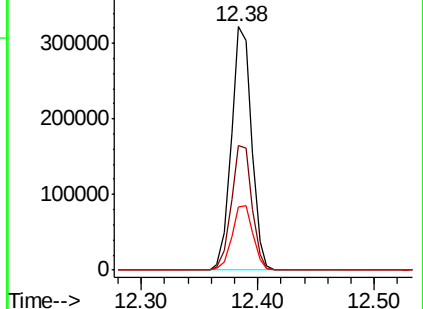
134 27.5 14.1 42.4

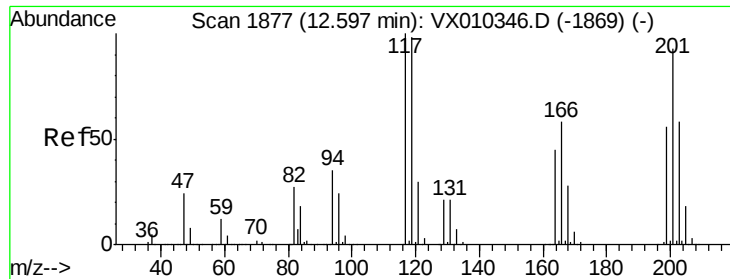


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

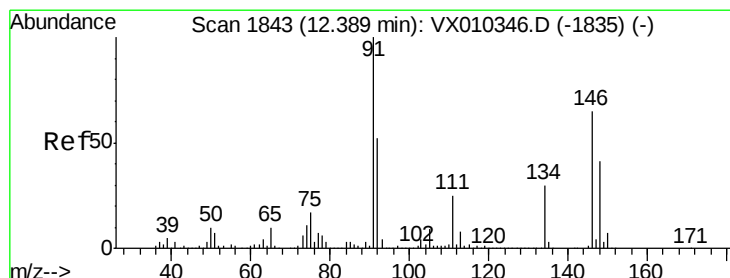
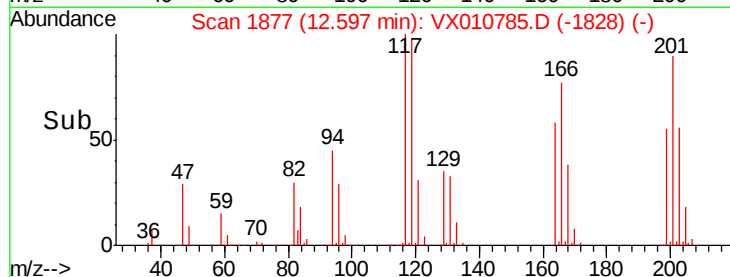
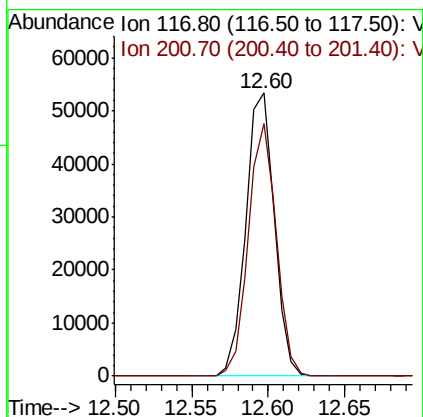
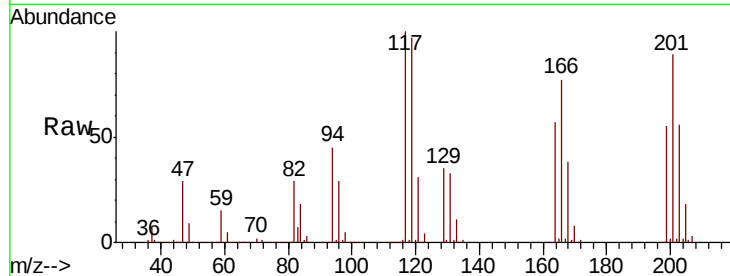




#90
Hexachloroethane
Concen: 43.423 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010785.D
Acq: 10 Jul 2019 18:19

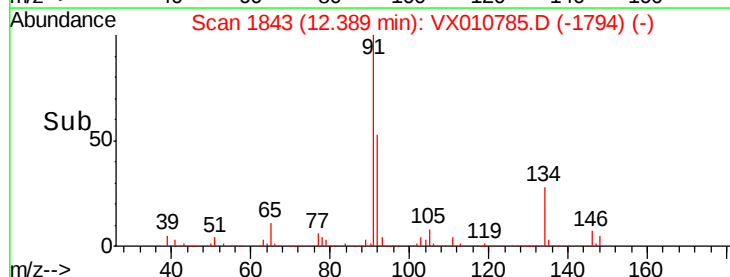
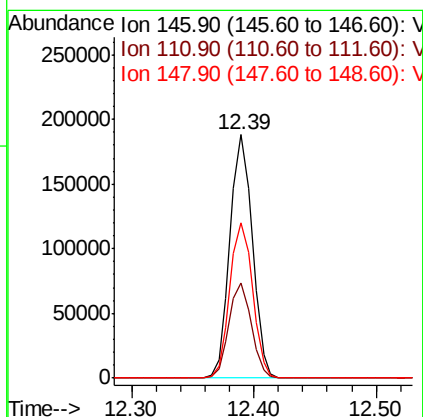
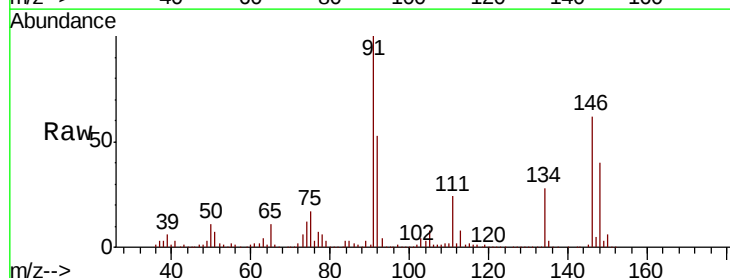
Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-SW-190709MS

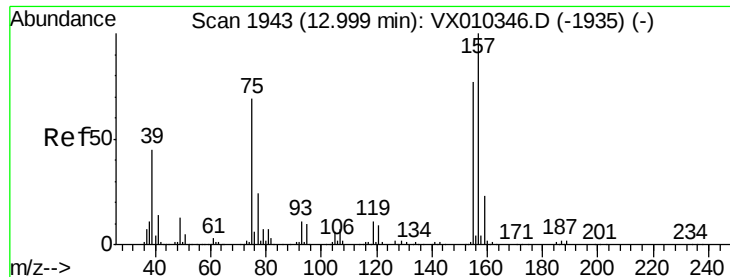
Tot Ion:117 Resp: 69210
Ion Ratio Lower Upper
117 100
201 87.2 44.0 131.8



#91
1,2-Dichlorobenzene
Concen: 47.826 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010785.D
Acq: 10 Jul 2019 18:19

Tgt Ion:146 Resp: 237656
Ion Ratio Lower Upper
146 100
111 39.2 19.2 57.6
148 64.8 32.0 96.0

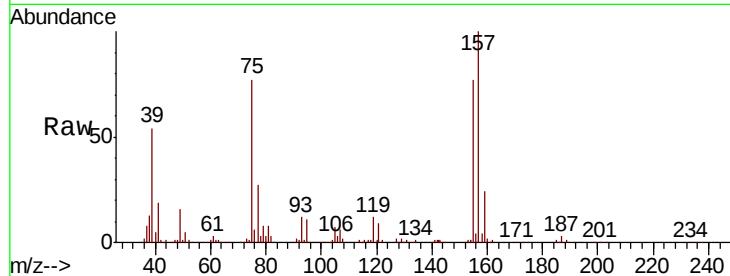




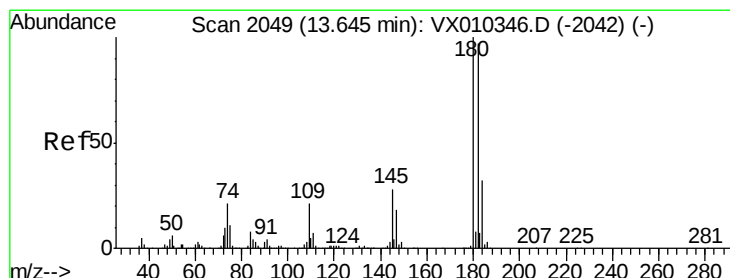
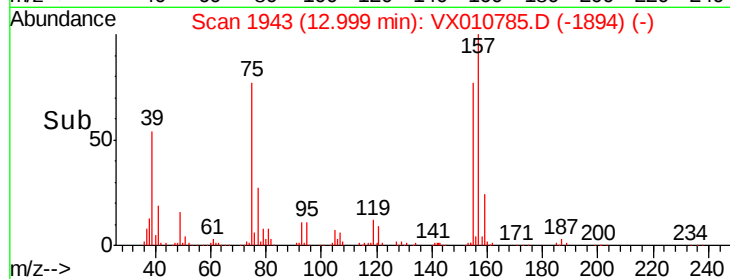
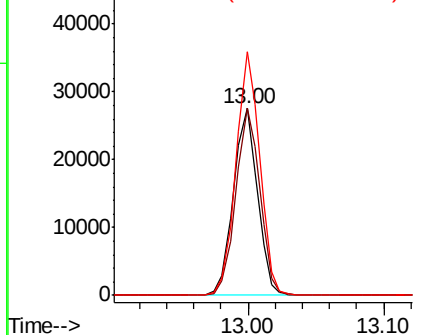
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.261 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010785.D
 Acq: 10 Jul 2019 18:19

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-SW-190709MS

Tot Ion: 75 Resp: 33883
 Ion Ratio Lower Upper
 75 100
 155 99.8 54.4 163.1
 157 128.8 69.5 208.3

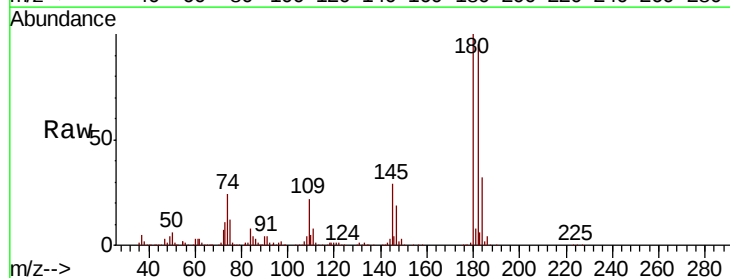


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

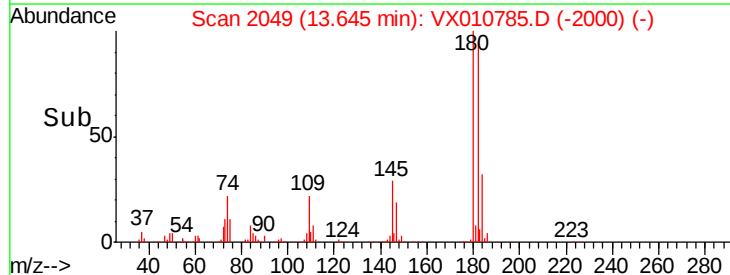
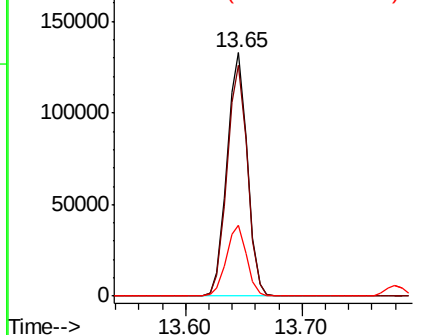


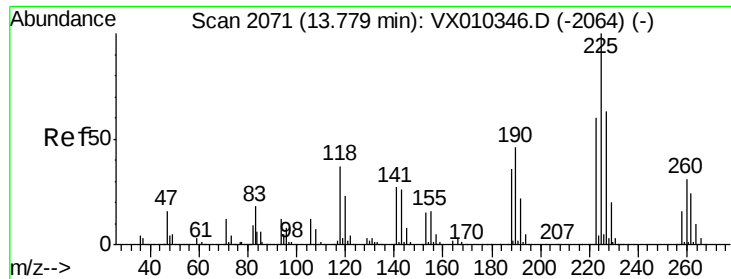
#93
 1,2,4-Trichlorobenzene
 Concen: 46.599 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010785.D
 Acq: 10 Jul 2019 18:19

Tgt Ion:180 Resp: 160582
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.0 144.0
 145 29.0 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: 47.063 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-SW-190709MS

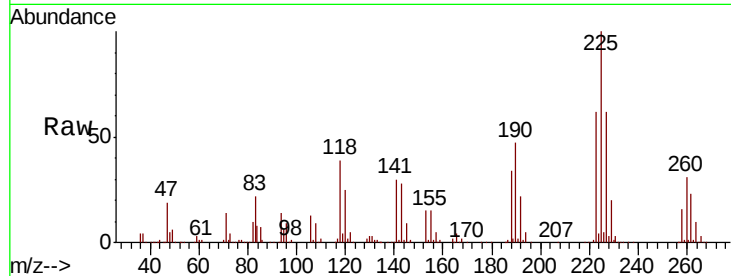
Tot Ion:225 Resp: 79263

Ion Ratio Lower Upper

225 100

223 60.7 30.9 92.7

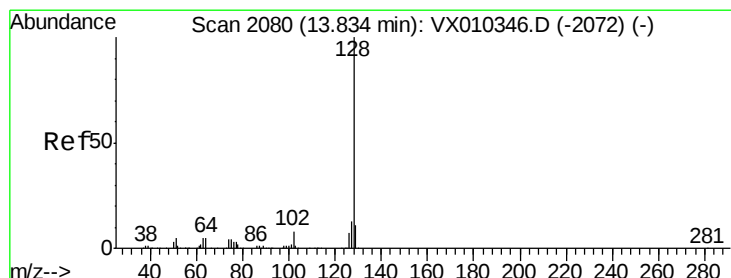
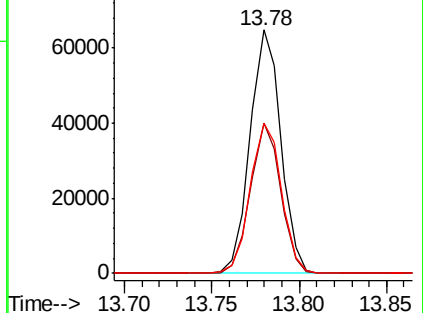
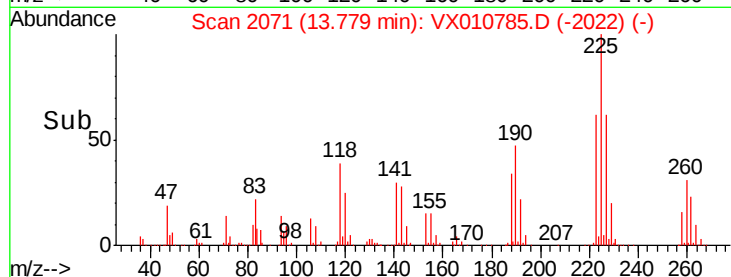
227 62.5 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 47.104 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010785.D

Acq: 10 Jul 2019 18:19

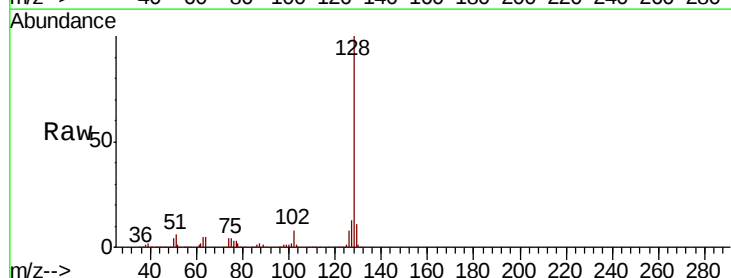
Tgt Ion:128 Resp: 498820

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

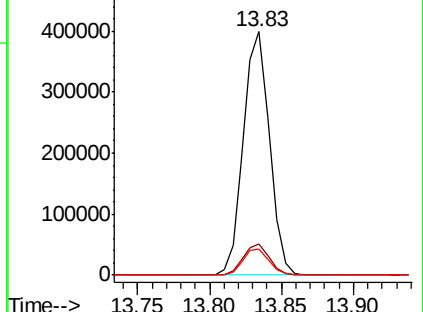
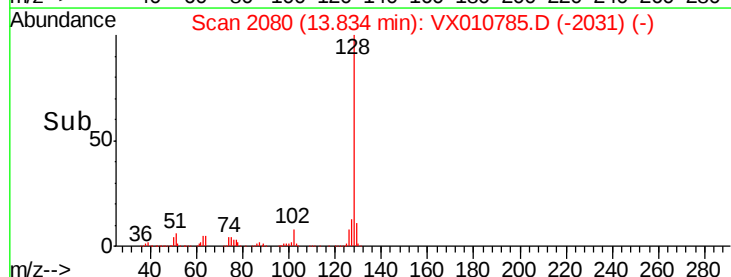
129 10.9 8.9 13.3

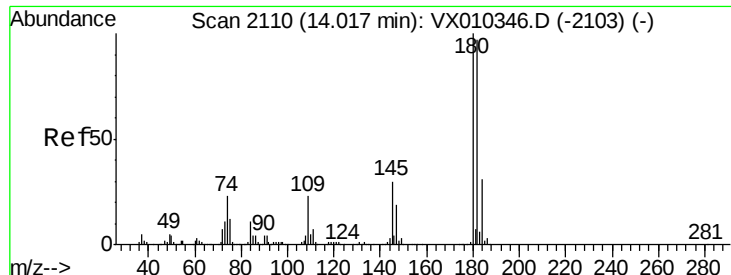


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

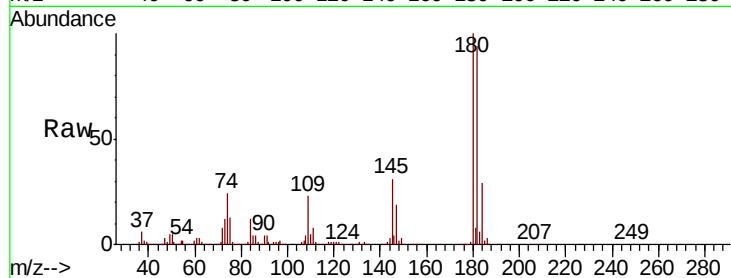




#96
 1,2,3-Trichlorobenzene
 Concen: 47.270 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX010785.D
 Acq: 10 Jul 2019 18:19

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-SW-190709MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.8	143.3
145	31.3	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

