

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030719\
 Data File : VX007894.D
 Acq On : 07 Mar 2019 19:51
 Operator : JC/SP
 Sample : K1783-05MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-2MS

Quant Time: Mar 08 04:45:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	268462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	395303	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	347582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173190	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	142916	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
35) Dibromofluoromethane	5.51	113	127318	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
50) Toluene-d8	8.71	98	472216	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
62) 4-Bromofluorobenzene	11.13	95	166550	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	111922	48.797	ug/l	98
3) Chloromethane	1.33	50	143502	48.549	ug/l	100
4) Vinyl Chloride	1.41	62	146661	49.937	ug/l	99
5) Bromomethane	1.64	94	69123	50.157	ug/l	98
6) Chloroethane	1.72	64	107813	55.258	ug/l	99
7) Trichlorofluoromethane	1.93	101	189597	49.584	ug/l	98
8) Diethyl Ether	2.19	74	82460	49.800	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	116103	48.997	ug/l	100
10) Methyl Iodide	2.51	142	180996	53.842	ug/l	100
11) Tert butyl alcohol	3.07	59	160001	252.633	ug/l	99
12) 1,1-Dichloroethene	2.37	96	112325	49.177	ug/l	99
13) Acrolein	2.30	56	63097	176.503	ug/l	98
14) Allyl chloride	2.73	41	237670	49.518	ug/l	99
15) Acrylonitrile	3.15	53	395844	247.620	ug/l	100
16) Acetone	2.45	43	327116	199.560	ug/l	99
17) Carbon Disulfide	2.57	76	352790	50.870	ug/l	100
18) Methyl Acetate	2.78	43	164712	47.299	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	399362	50.823	ug/l	99
20) Methylene Chloride	2.86	84	128032	49.077	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	120434	47.920	ug/l	99
22) Diisopropyl ether	3.87	45	442401	50.283	ug/l	98
23) Vinyl Acetate	3.82	43	1760116	228.131	ug/l	100
24) 1,1-Dichloroethane	3.70	63	237602	50.183	ug/l	99
25) 2-Butanone	4.70	43	546104	235.322	ug/l	100
26) 2,2-Dichloropropane	4.59	77	140624	44.830	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	141041	49.042	ug/l	99
28) Bromochloromethane	5.02	49	108520	49.163	ug/l	99
29) Tetrahydrofuran	5.15	42	367862	254.127	ug/l	100
30) Chloroform	5.21	83	227575	50.812	ug/l	100
31) Cyclohexane	5.57	56	219289	50.393	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	190563	51.281	ug/l	99
36) 1,1-Dichloropropene	5.80	75	169927	47.474	ug/l	100
37) Ethyl Acetate	4.85	43	188936	44.480	ug/l	100
38) Carbon Tetrachloride	5.78	117	170825	50.270	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	213486	49.222	ug/l	99
40) Benzene	6.14	78	529870	49.725	ug/l	99
41) Methacrylonitrile	5.06	41	117640	50.798	ug/l	99
42) 1,2-Dichloroethane	6.20	62	172397	49.470	ug/l	100
43) Isopropyl Acetate	6.46	43	299854	47.699	ug/l	100
44) Trichloroethene	7.21	130	142378	48.484	ug/l	99
45) 1,2-Dichloropropane	7.52	63	141407	50.243	ug/l	100
46) Dibromomethane	7.66	93	88319	49.586	ug/l	100
47) Bromodichloromethane	7.90	83	172744	51.154	ug/l	100
48) Methyl methacrylate	7.77	41	168557	50.999	ug/l	99
49) 1,4-Dioxane	7.75	88	66106	973.661	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1027532	254.165	ug/l	100
52) Toluene	8.79	92	324697	49.909	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	184603	52.375	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	202814	50.955	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	133526	50.701	ug/l	99
56) Ethyl methacrylate	9.18	69	206470	52.215	ug/l	99
57) 1,3-Dichloropropane	9.37	76	223892	50.631	ug/l	100
59) 2-Hexanone	9.49	43	774875	246.876	ug/l	99
60) Dibromochloromethane	9.58	129	146003	53.039	ug/l	99
61) 1,2-Dibromoethane	9.67	107	141371	50.559	ug/l	100
64) Tetrachloroethene	9.34	164	130502	45.307	ug/l	100
65) Chlorobenzene	10.14	112	354051	48.677	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	133404	51.176	ug/l	100
67) Ethyl Benzene	10.25	91	599891	50.105	ug/l	100
68) m/p-Xylenes	10.36	106	460459	99.776	ug/l	99
69) o-Xylene	10.69	106	227213	50.997	ug/l	99
70) Styrene	10.71	104	369544	50.686	ug/l	100
71) Bromoform	10.85	173	116598	52.084	ug/l #	99
73) Isopropylbenzene	11.02	105	598541	51.100	ug/l	100
74) N-amyl acetate	10.90	43	246088	46.021	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	197892	48.980	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	228876	62.977	ug/l	91
77) Bromobenzene	11.26	156	158715	49.424	ug/l	100
78) n-propylbenzene	11.36	91	666079	51.259	ug/l	100
79) 2-Chlorotoluene	11.42	91	396135	49.859	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	495325	51.380	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	58562	51.508	ug/l	100
82) 4-Chlorotoluene	11.51	91	458342	50.340	ug/l	100
83) tert-Butylbenzene	11.77	119	497410	51.222	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	503674	50.965	ug/l	100
85) sec-Butylbenzene	11.94	105	589092	51.507	ug/l	99
86) p-Isopropyltoluene	12.06	119	527234	51.474	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	276539	48.675	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	277015	47.612	ug/l	100
89) n-Butylbenzene	12.38	91	437488	50.415	ug/l	100
90) Hexachloroethane	12.60	117	91241	53.278	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	275953	48.894	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	42555	50.398	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	192247	48.488	ug/l	100

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QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration

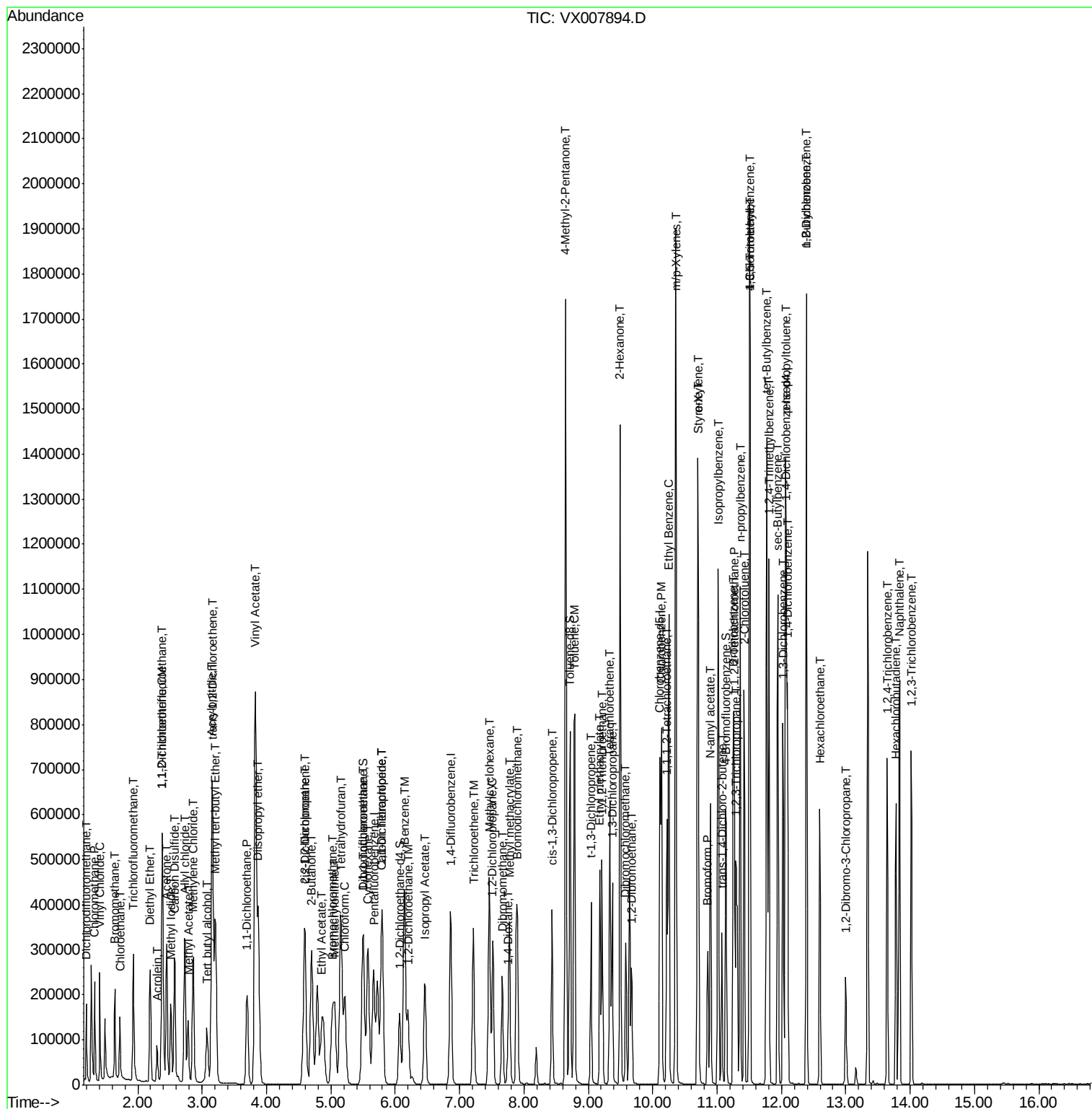
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	101177	48.809	ug/l	99
95) Naphthalene	13.83	128	579634	50.738	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	194421	49.225	ug/l	100

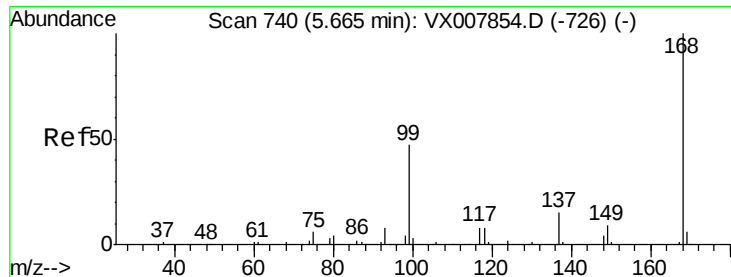
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ALS Vial  : 22      Sample Multiplier: 1
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Instrument :
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

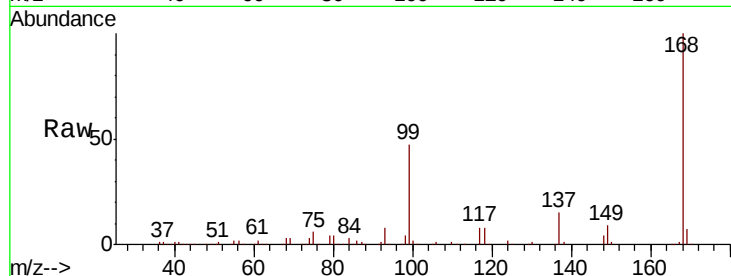
SW-2MS

Tgt Ion:168 Resp: 268462

Ion Ratio Lower Upper

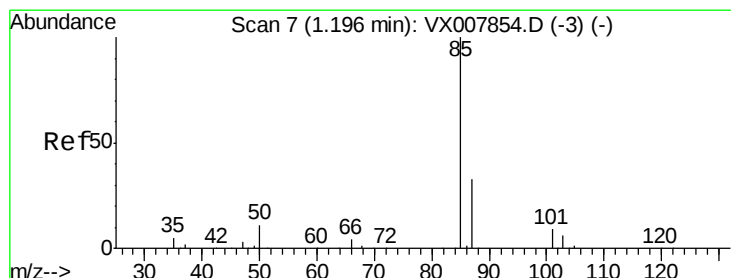
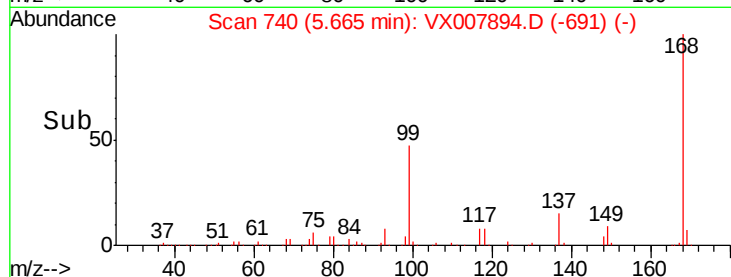
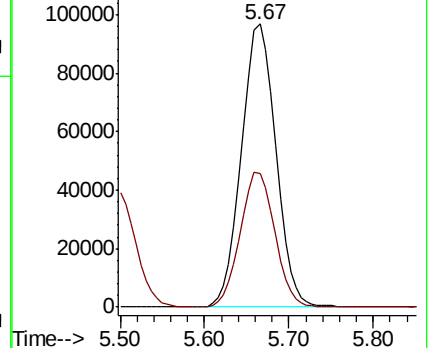
168 100

99 46.9 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.797 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007894.D

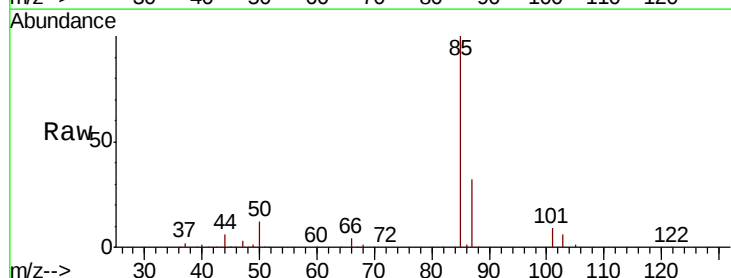
Acq: 07 Mar 2019 19:51

Tgt Ion: 85 Resp: 111922

Ion Ratio Lower Upper

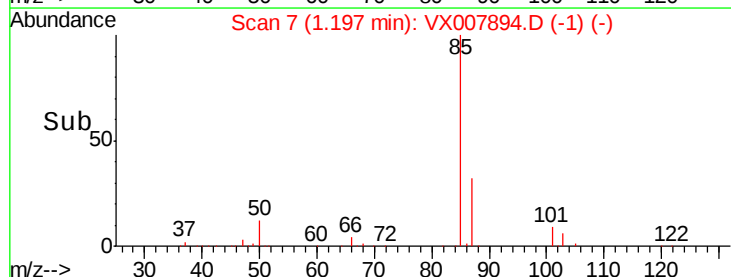
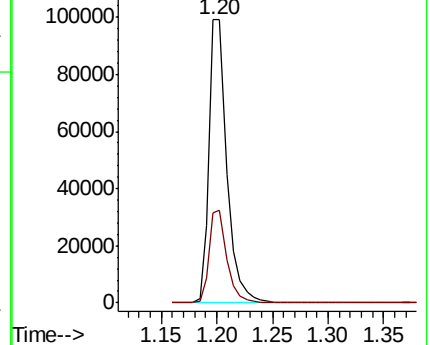
85 100

87 31.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.549 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

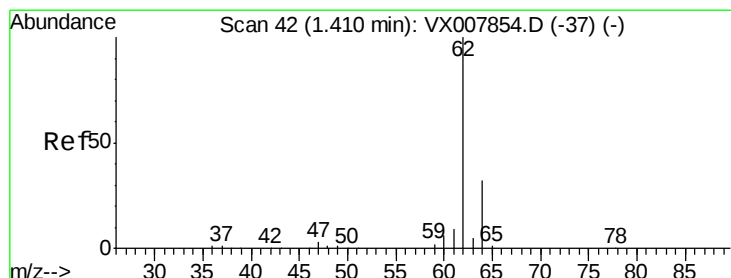
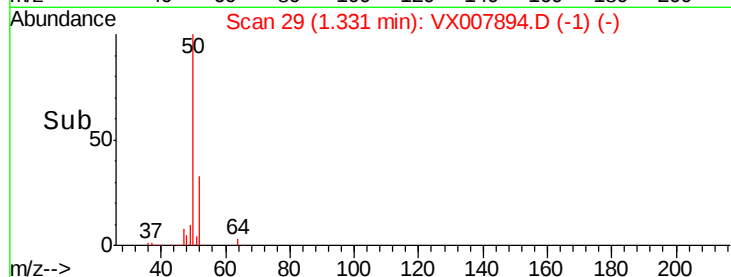
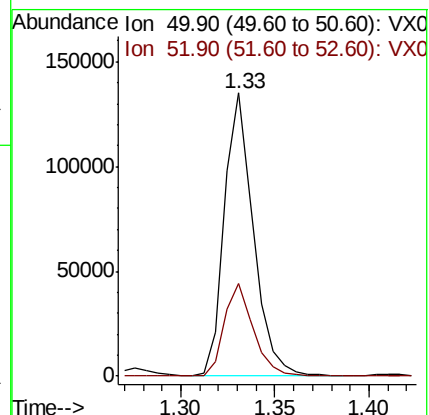
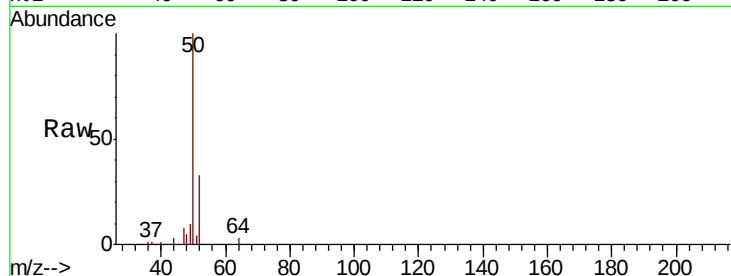
SW-2MS

Tgt Ion: 50 Resp: 143502

Ion Ratio Lower Upper

50 100

52 32.8 26.5 39.7



#4

Vinyl Chloride

Concen: 49.937 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007894.D

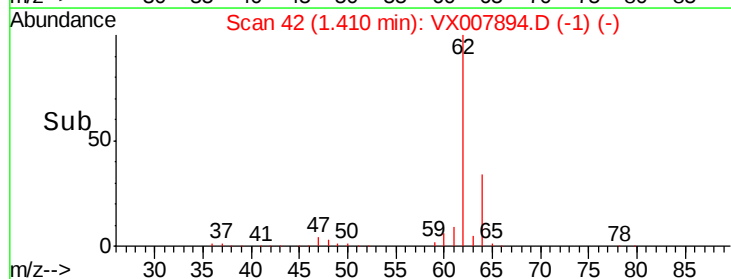
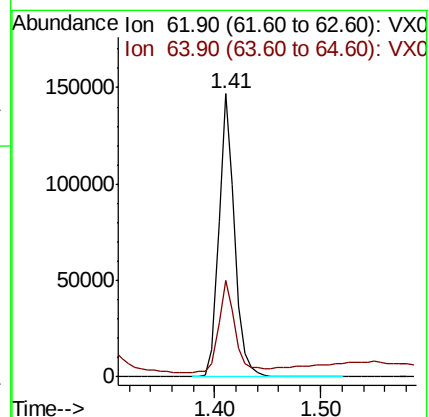
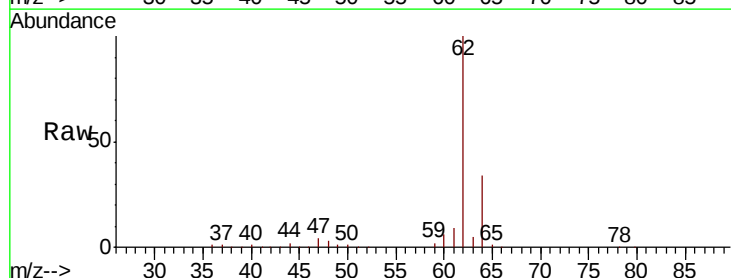
Acq: 07 Mar 2019 19:51

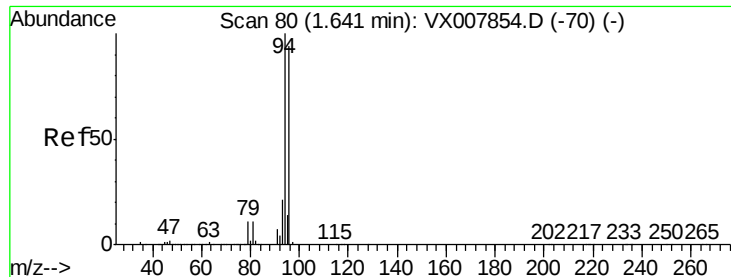
Tgt Ion: 62 Resp: 146661

Ion Ratio Lower Upper

62 100

64 32.3 25.3 37.9





#5

Bromomethane

Concen: 50.157 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

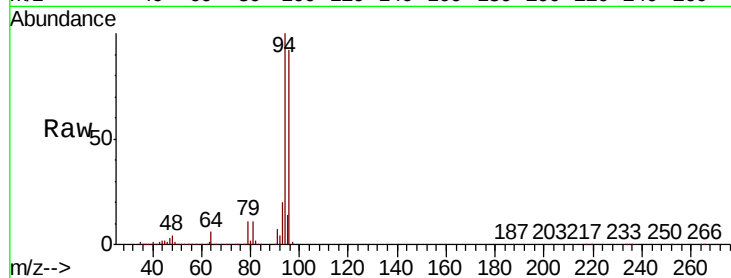
SW-2MS

Tgt Ion: 94 Resp: 69123

Ion Ratio Lower Upper

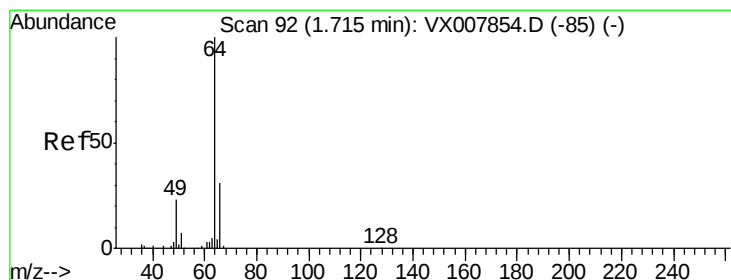
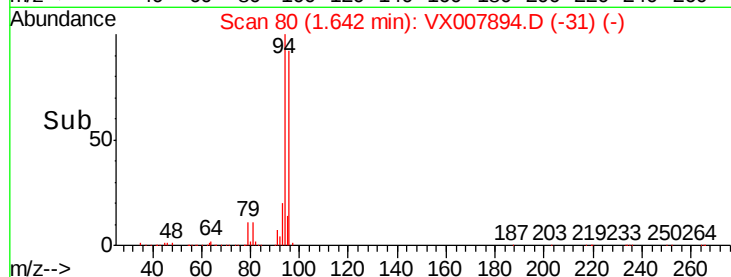
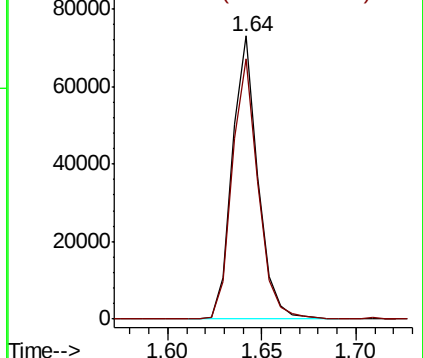
94 100

96 92.2 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: 55.258 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007894.D

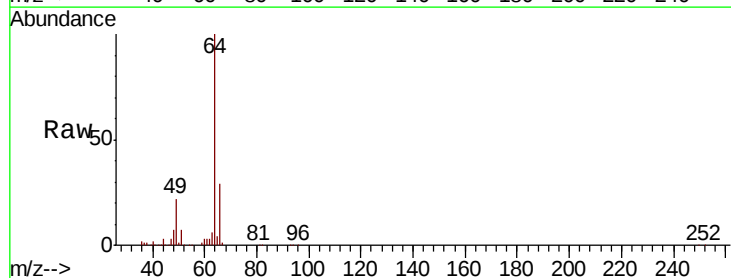
Acq: 07 Mar 2019 19:51

Tgt Ion: 64 Resp: 107813

Ion Ratio Lower Upper

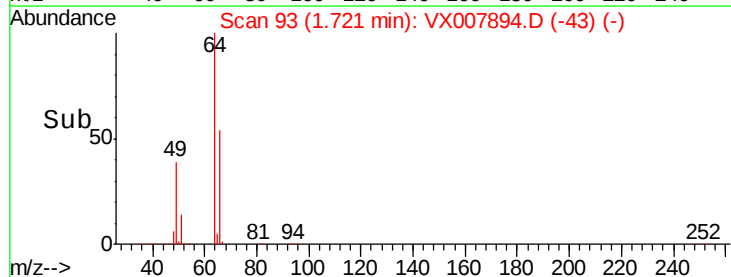
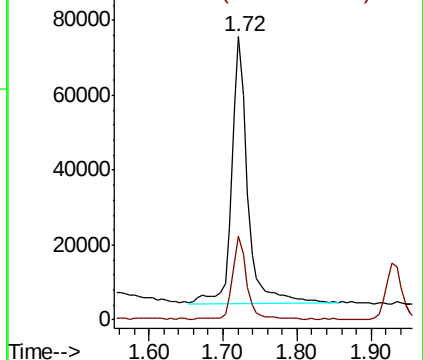
64 100

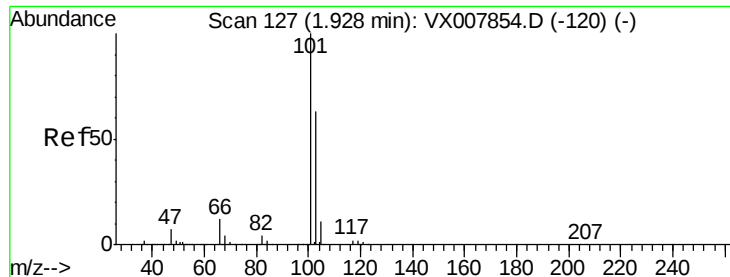
66 30.9 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



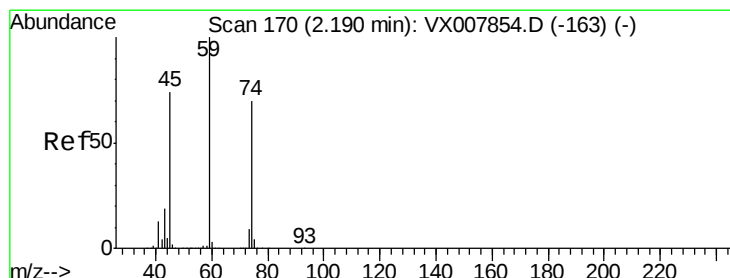
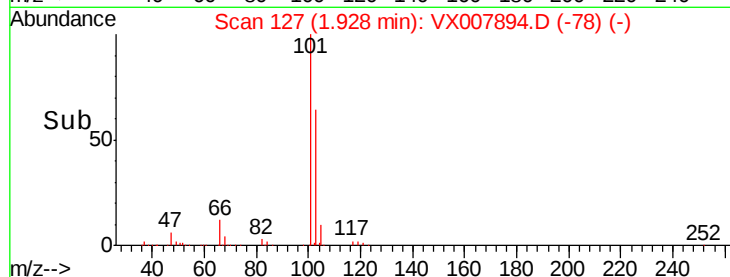
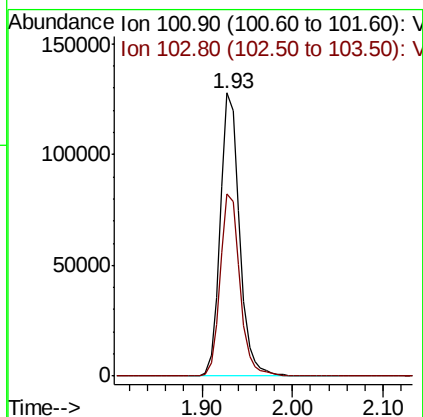
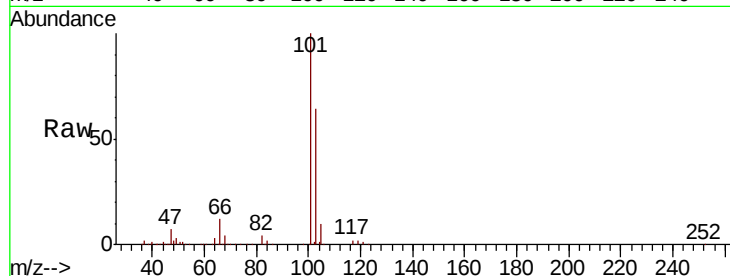


#7

Trichlorofluoromethane
 Concen: 49.584 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX007894.D
 Acq: 07 Mar 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-2MS

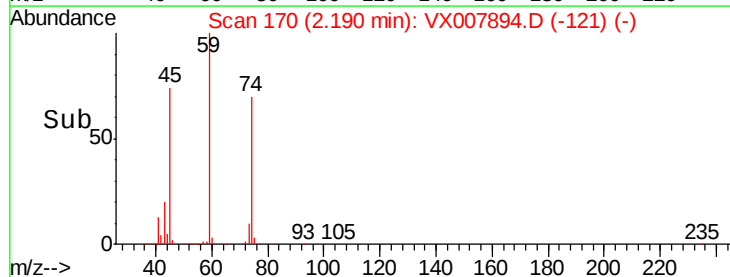
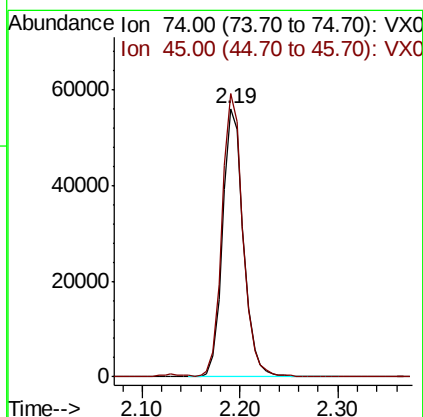
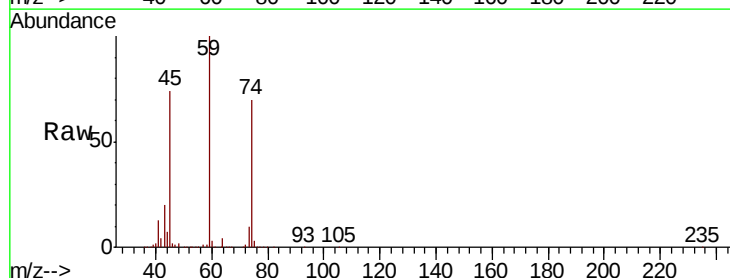
Tgt Ion:101 Resp: 189597
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.4 75.6

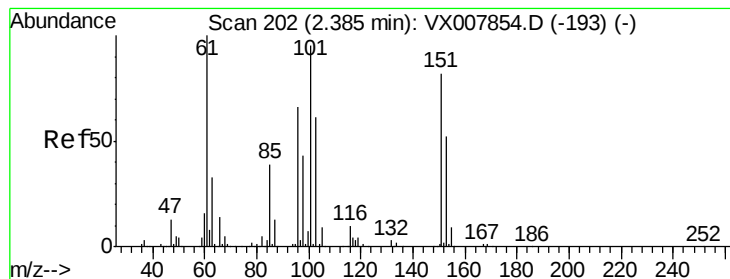


#8

Diethyl Ether
 Concen: 49.800 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX007894.D
 Acq: 07 Mar 2019 19:51

Tgt Ion: 74 Resp: 82460
 Ion Ratio Lower Upper
 74 100
 45 105.9 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.997 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

SW-2MS

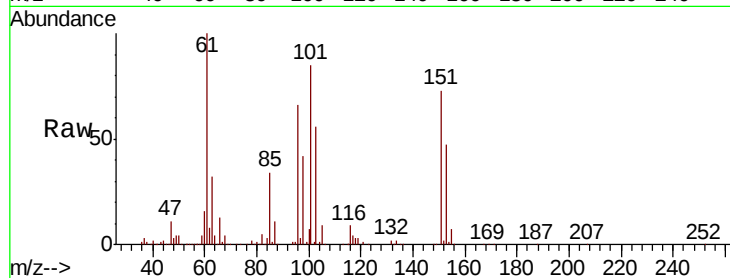
Tgt Ion:101 Resp: 116103

Ion Ratio Lower Upper

101 100

85 42.3 33.8 50.6

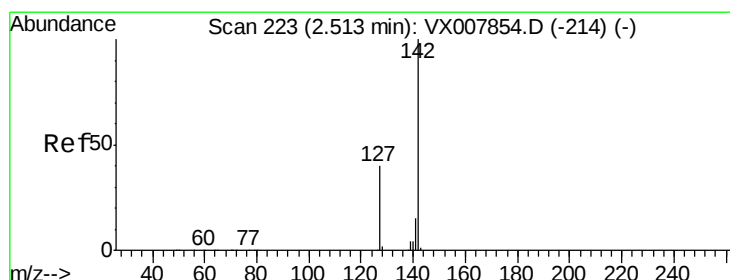
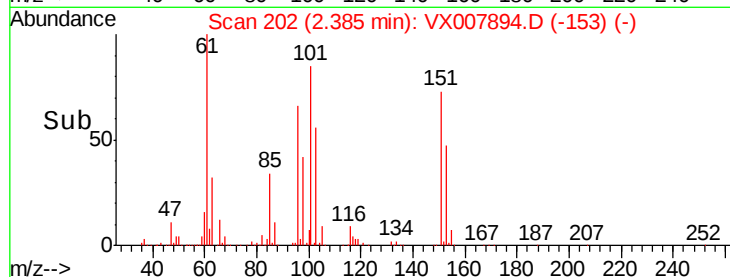
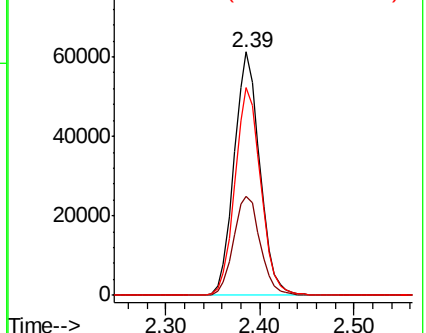
151 85.9 69.1 103.7



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: 53.842 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

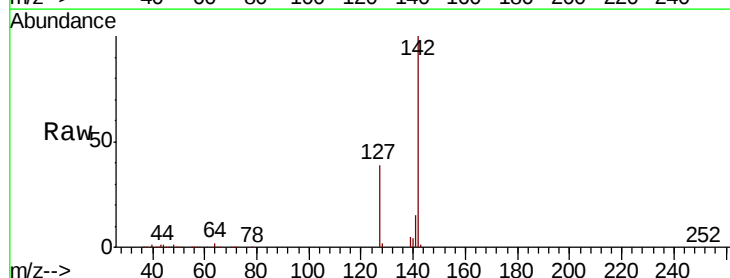
Tgt Ion:142 Resp: 180996

Ion Ratio Lower Upper

142 100

127 39.8 32.1 48.1

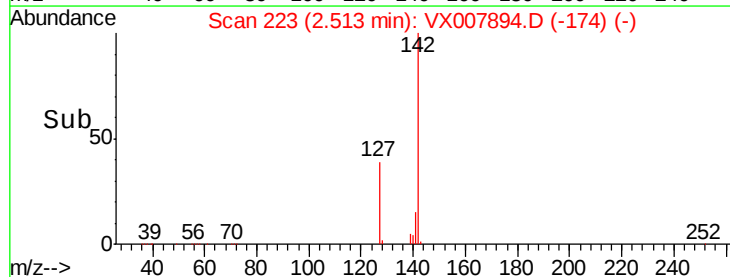
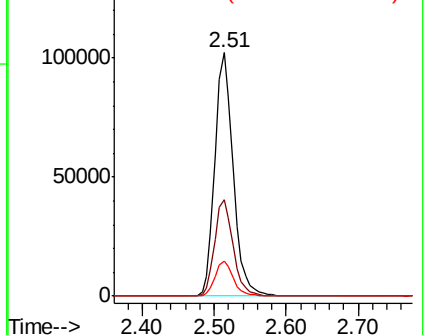
141 14.2 11.4 17.2

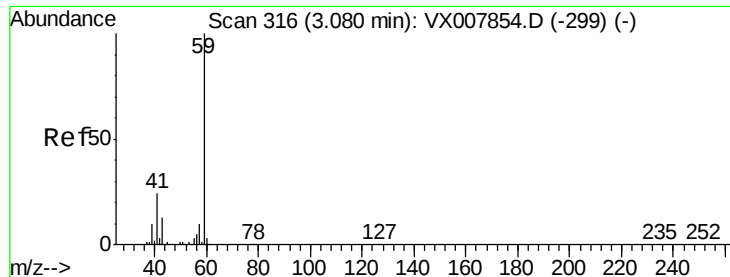


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

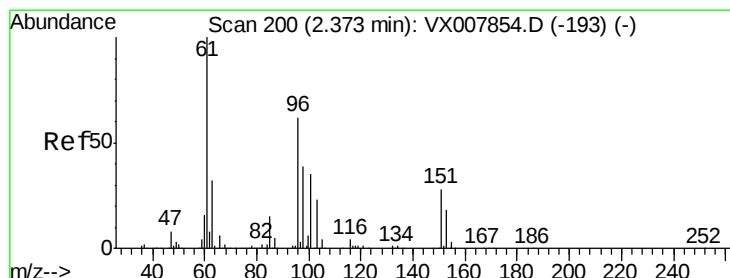
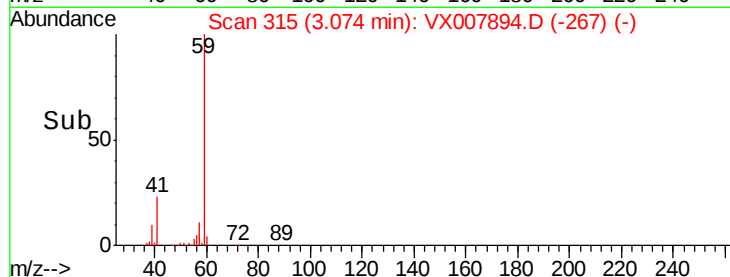
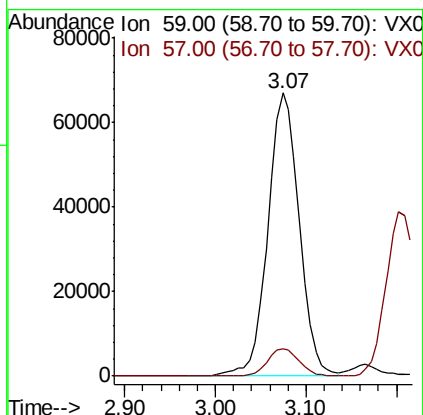
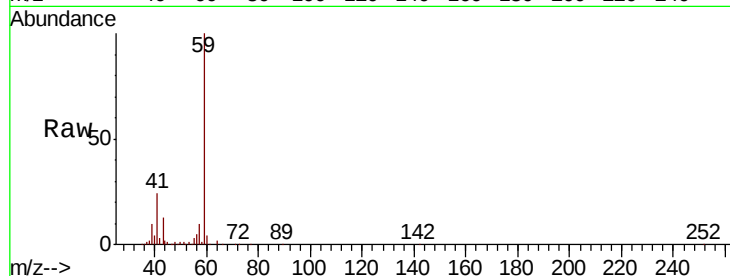




#11
Tert butyl alcohol
Concen: 252.633 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

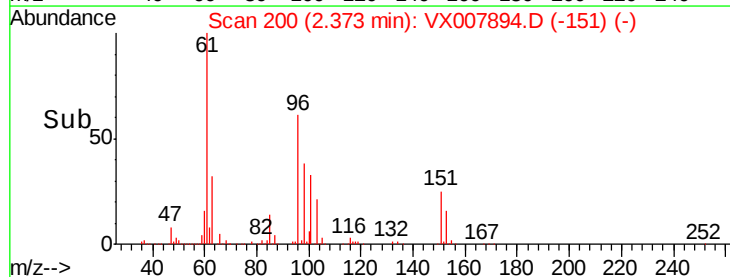
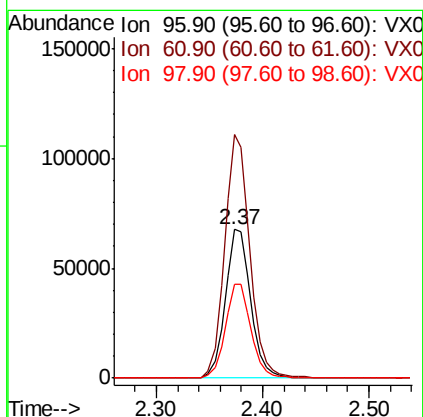
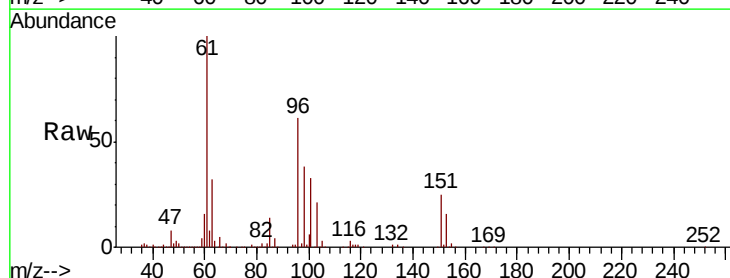
Instrument :
MSVOA_X
ClientSampleId :
SW-2MS

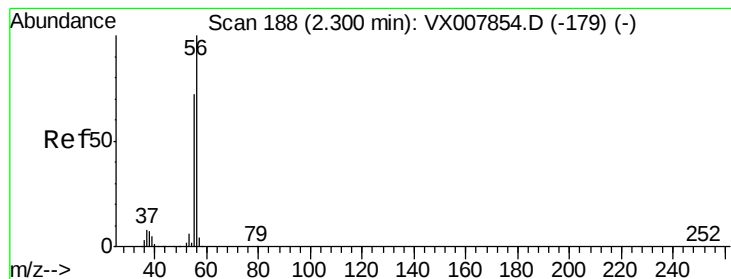
Tgt Ion: 59 Resp: 160001
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.2



#12
1,1-Dichloroethene
Concen: 49.177 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Tgt Ion: 96 Resp: 112325
Ion Ratio Lower Upper
96 100
61 163.7 129.8 194.6
98 62.9 51.0 76.6





#13

Acrolein

Concen: 176.503 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

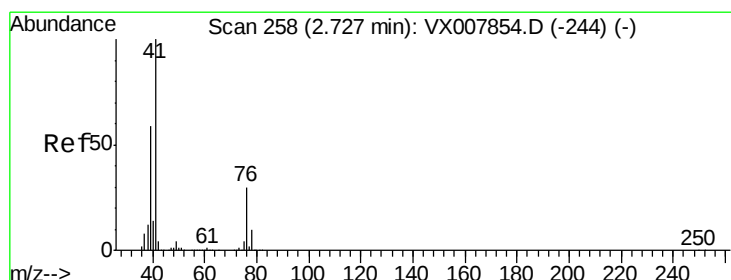
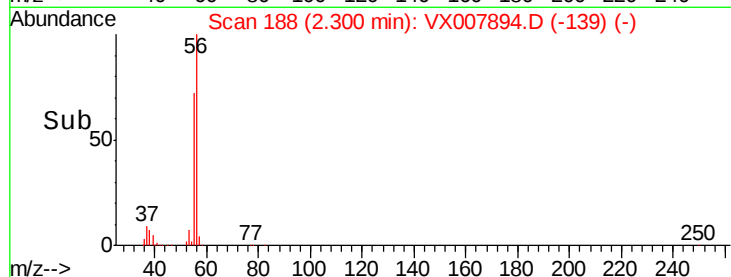
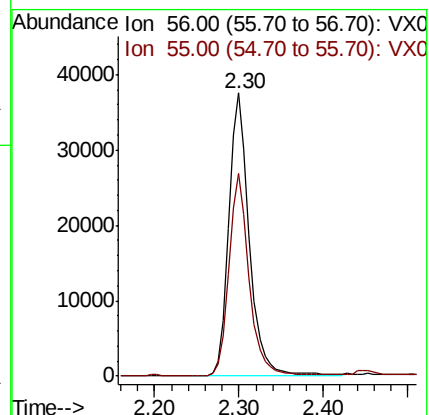
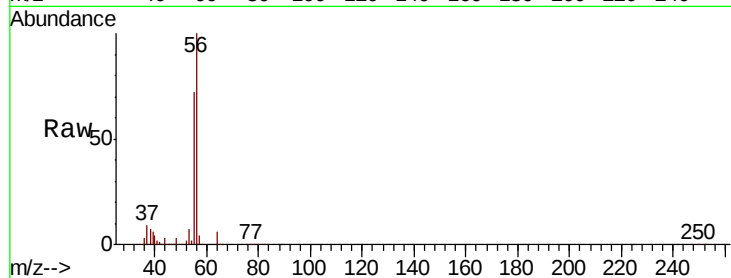
SW-2MS

Tgt Ion: 56 Resp: 63097

Ion Ratio Lower Upper

56 100

55 70.3 57.8 86.6



#14

Allyl chloride

Concen: 49.518 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

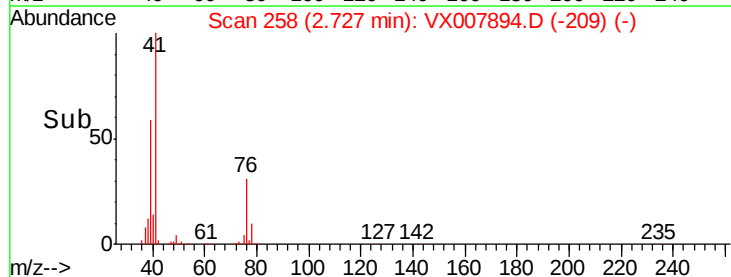
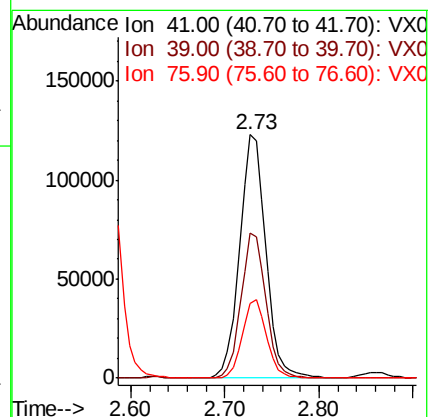
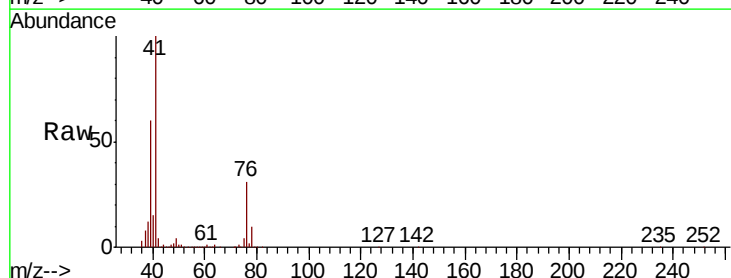
Tgt Ion: 41 Resp: 237670

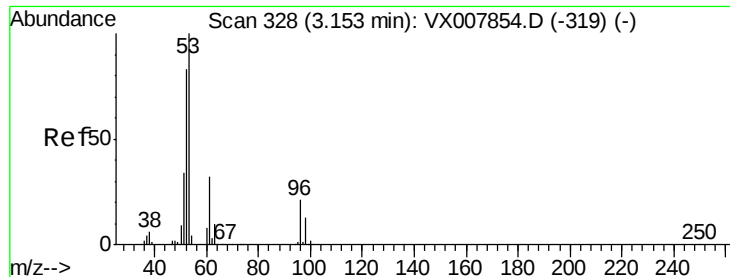
Ion Ratio Lower Upper

41 100

39 56.7 46.1 69.1

76 29.9 24.0 36.0





#15

Acrylonitrile

Concen: 247.620 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

SW-2MS

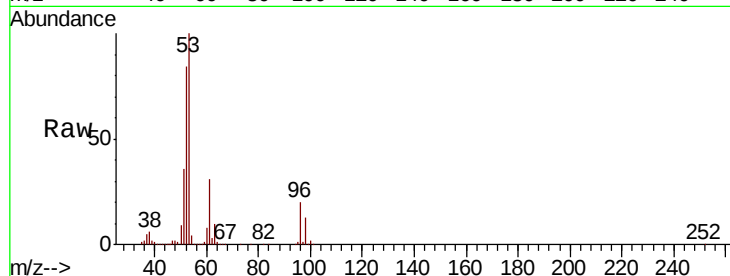
Tgt Ion: 53 Resp: 395844

Ion Ratio Lower Upper

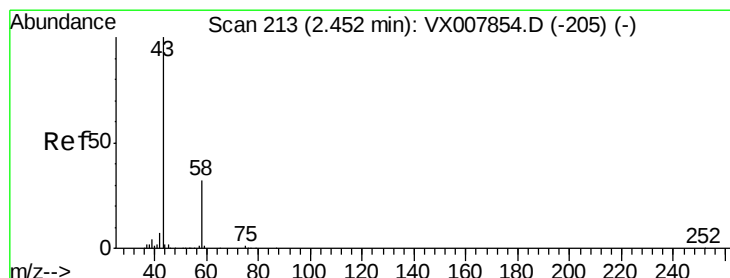
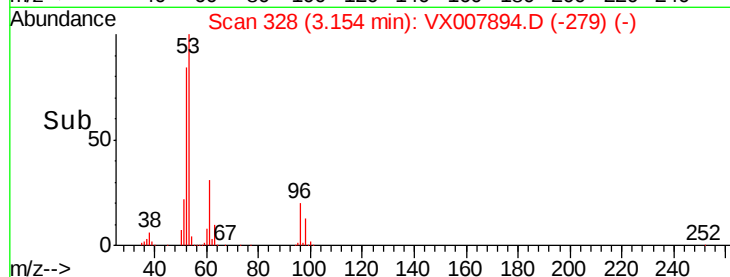
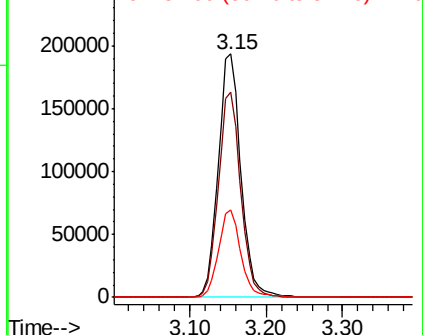
53 100

52 82.9 66.0 99.0

51 35.2 28.0 42.0



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: 199.560 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007894.D

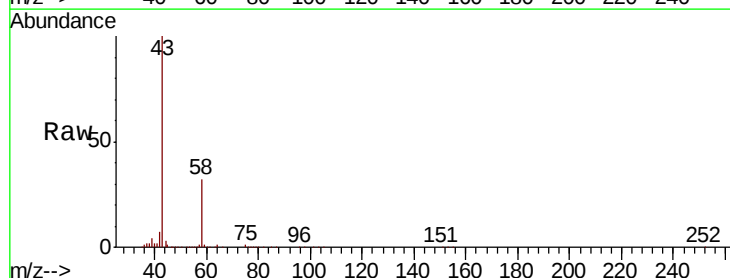
Acq: 07 Mar 2019 19:51

Tgt Ion: 43 Resp: 327116

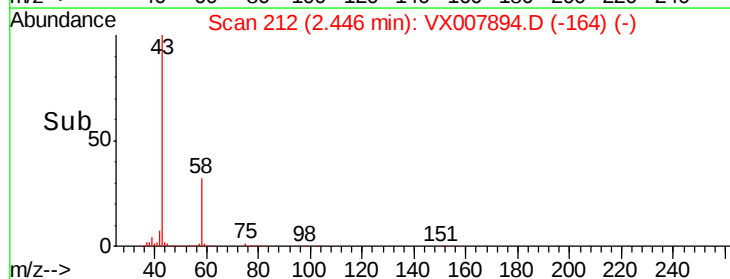
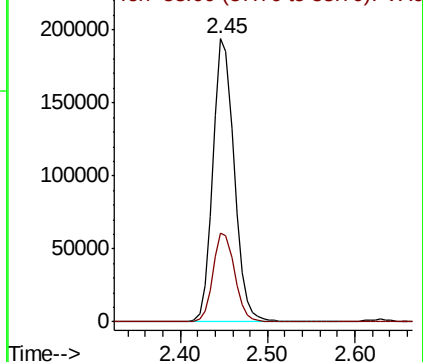
Ion Ratio Lower Upper

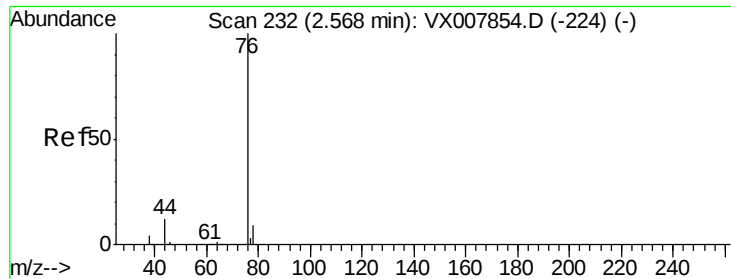
43 100

58 31.5 25.5 38.3



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

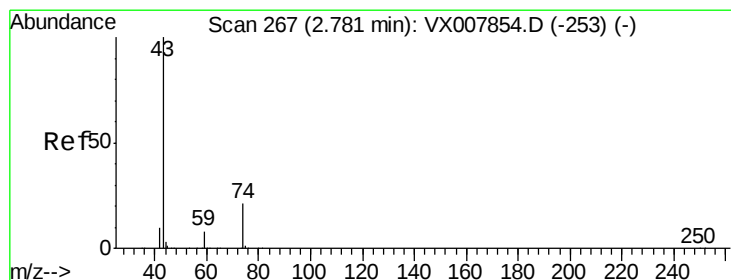
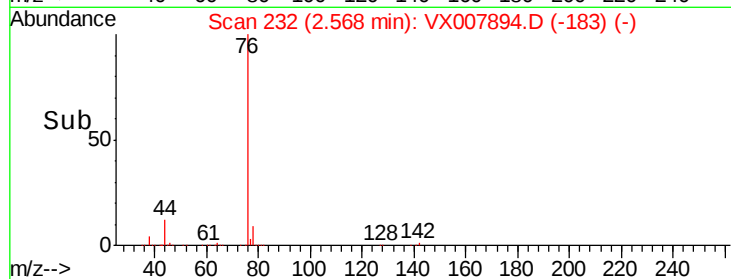
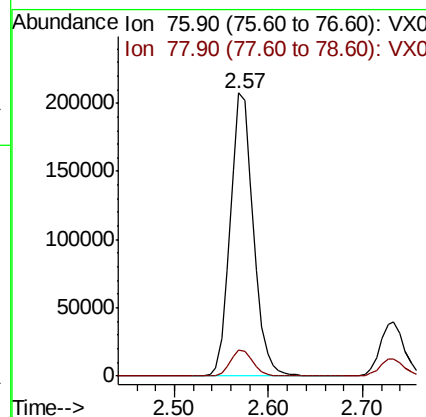
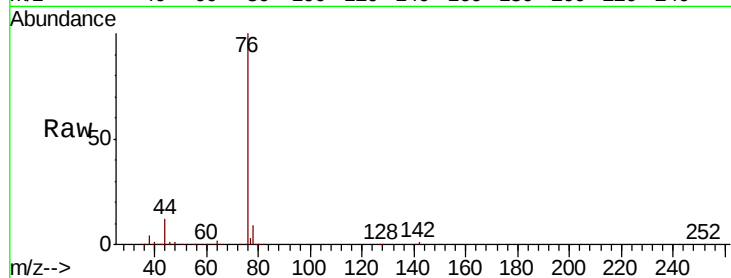




#17
Carbon Disulfide
Concen: 50.870 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

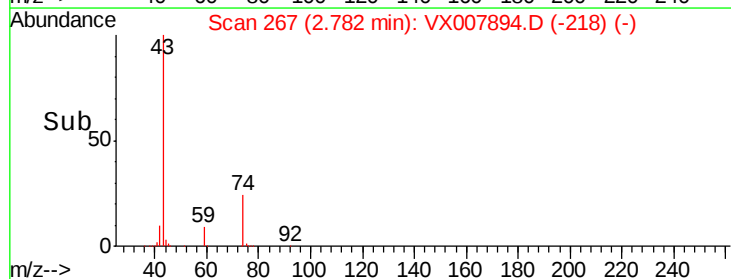
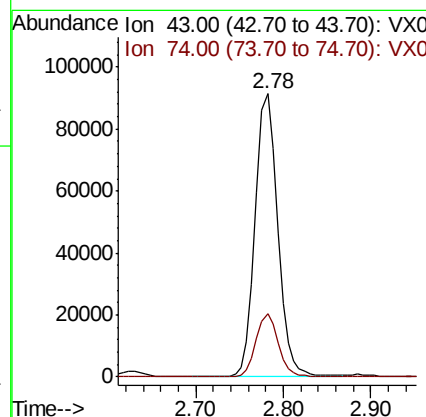
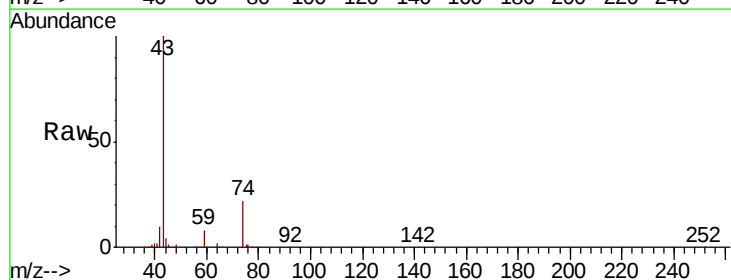
Instrument :
MSVOA_X
ClientSampleId :
SW-2MS

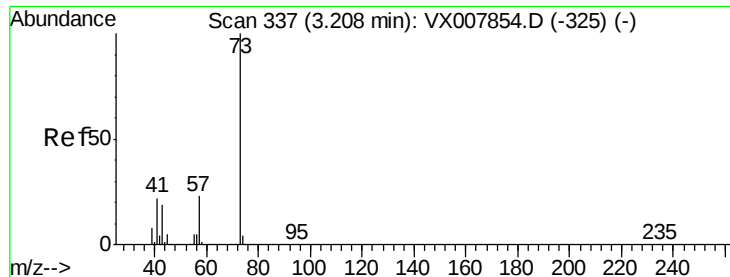
Tgt Ion: 76 Resp: 352790
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 47.299 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Tgt Ion: 43 Resp: 164712
Ion Ratio Lower Upper
43 100
74 21.8 17.8 26.6



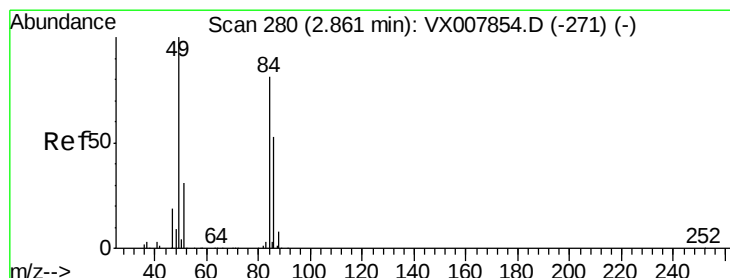
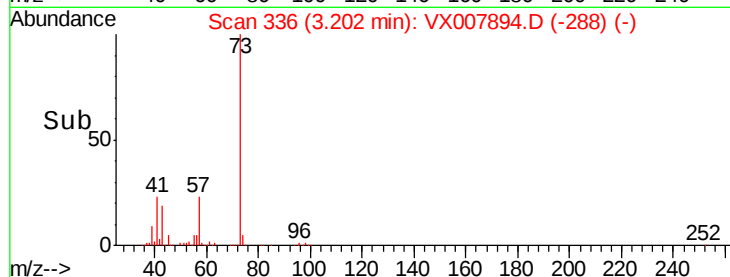
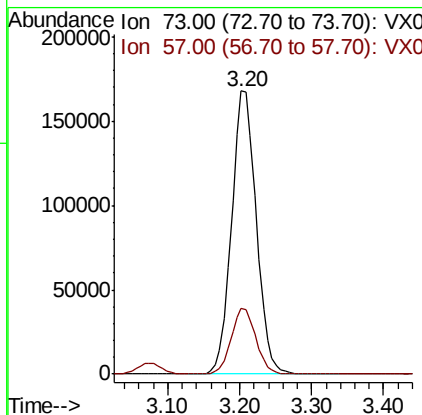
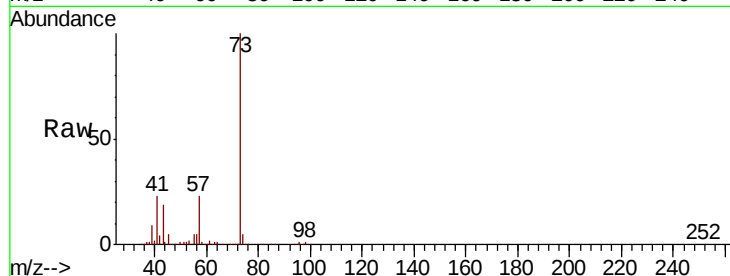


#19

Methyl tert-butyl Ether
 Concen: 50.823 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.01 min
 Lab File: VX007894.D
 Acq: 07 Mar 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-2MS

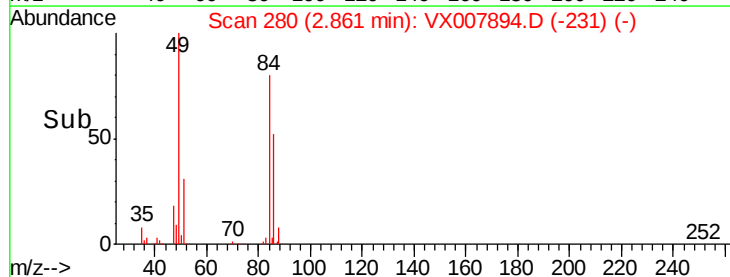
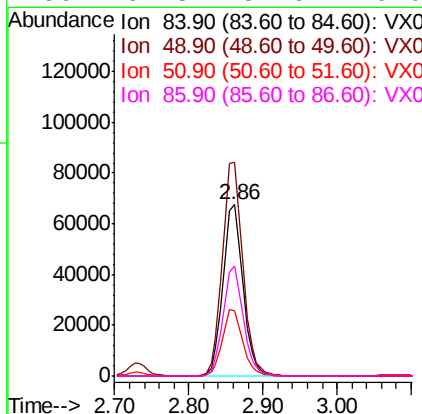
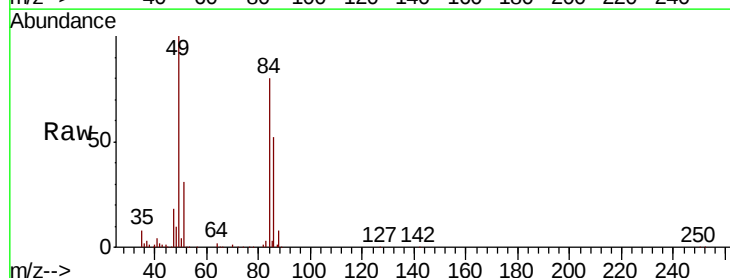
Tgt Ion: 73 Resp: 399362
 Ion Ratio Lower Upper
 73 100
 57 23.2 18.2 27.4

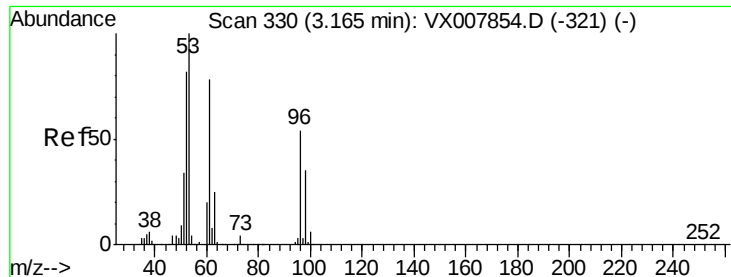


#20

Methylene Chloride
 Concen: 49.077 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007894.D
 Acq: 07 Mar 2019 19:51

Tgt Ion: 84 Resp: 128032
 Ion Ratio Lower Upper
 84 100
 49 124.6 99.3 148.9
 51 38.5 31.3 46.9
 86 64.3 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 47.920 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

SW-2MS

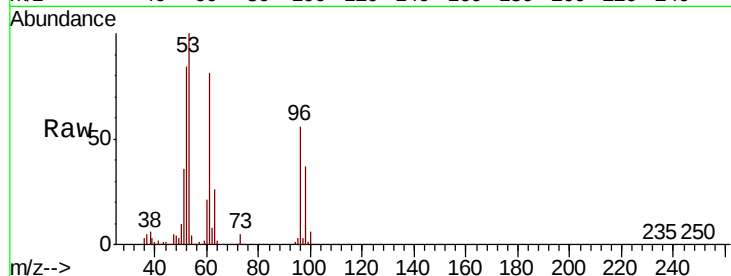
Tgt Ion: 96 Resp: 120434

Ion Ratio Lower Upper

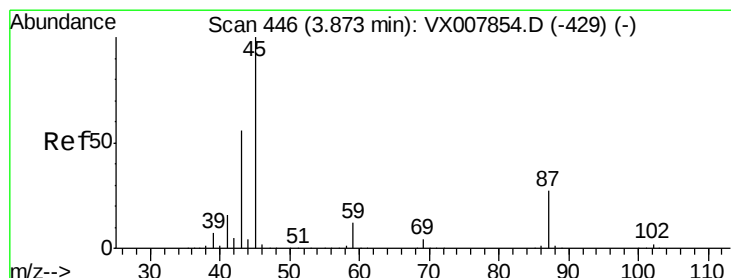
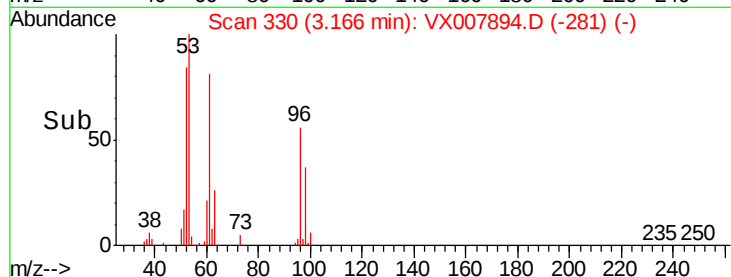
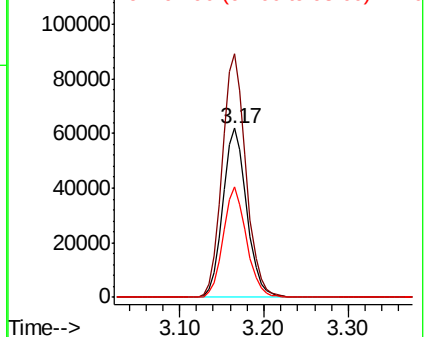
96 100

61 143.9 114.4 171.6

98 65.0 51.1 76.7



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



#22

Diisopropyl ether

Concen: 50.283 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

Tgt Ion: 45 Resp: 442401

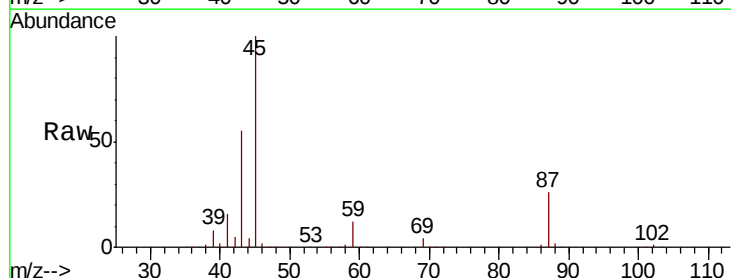
Ion Ratio Lower Upper

45 100

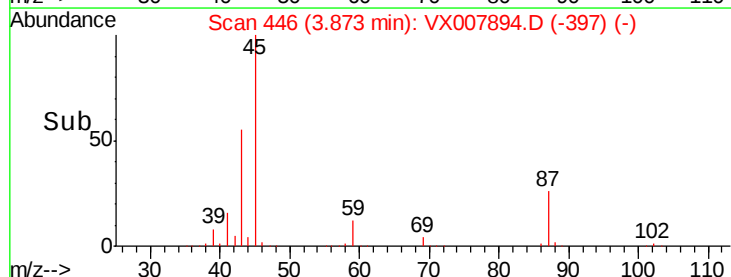
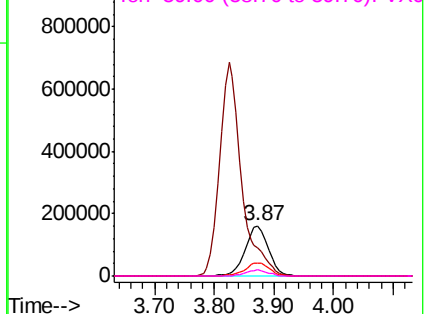
43 55.2 45.3 67.9

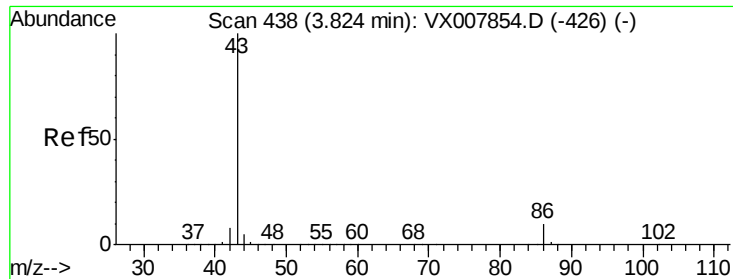
87 26.0 21.4 32.0

59 11.6 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 228.131 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

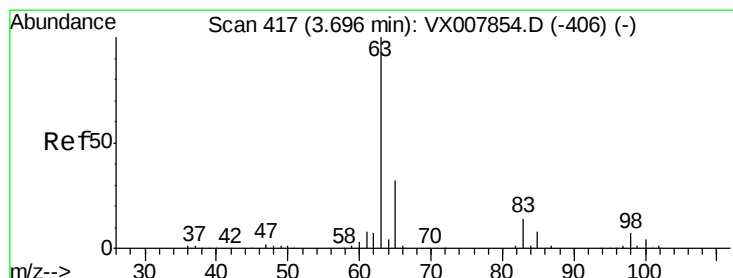
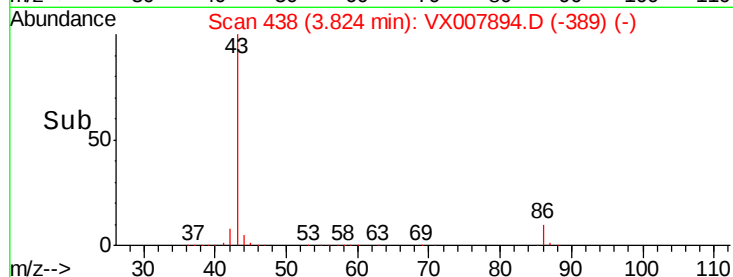
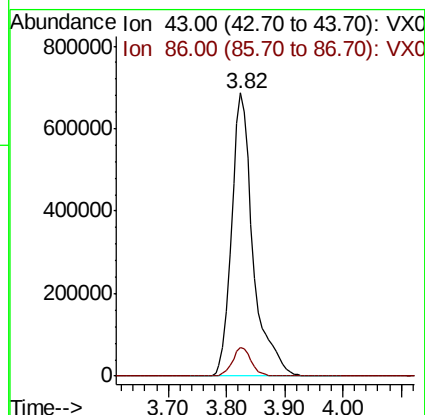
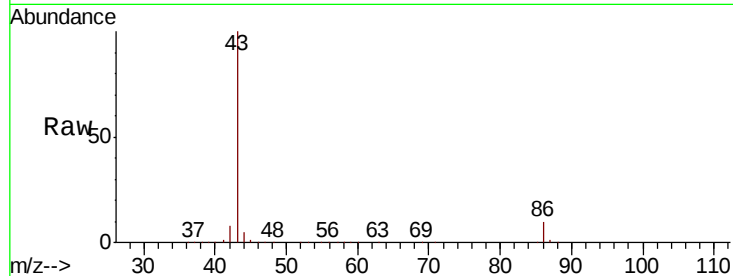
SW-2MS

Tgt Ion: 43 Resp: 1760116

Ion Ratio Lower Upper

43 100

86 10.0 7.9 11.9



#24

1,1-Dichloroethane

Concen: 50.183 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

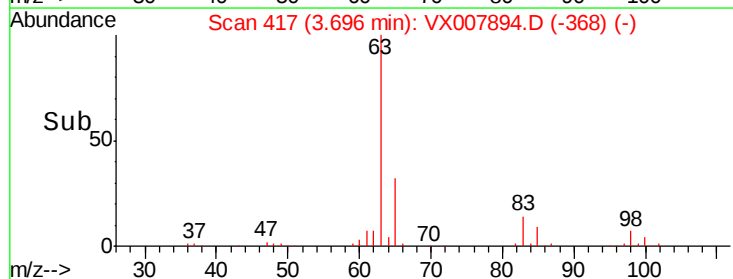
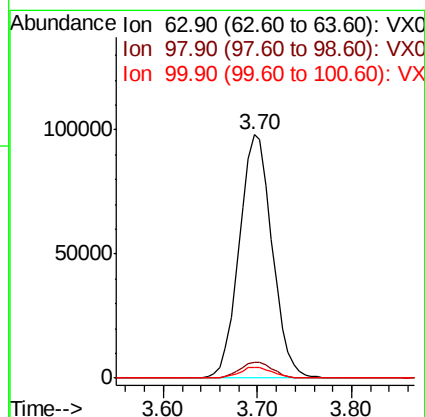
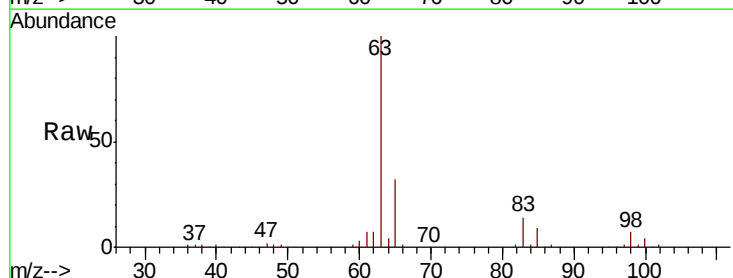
Tgt Ion: 63 Resp: 237602

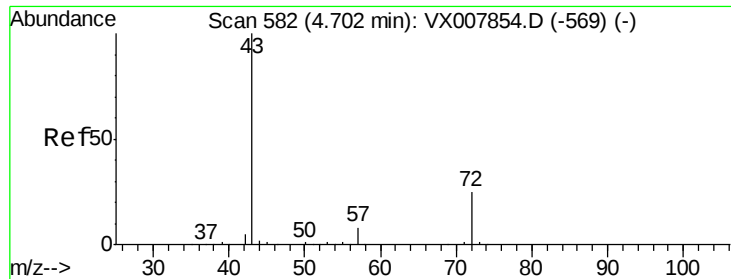
Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 235.322 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

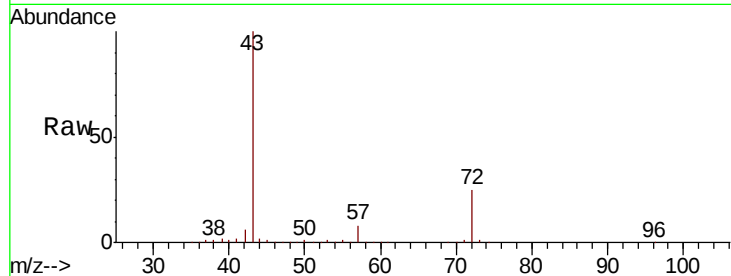
SW-2MS

Tgt Ion: 43 Resp: 546104

Ion Ratio Lower Upper

43 100

72 25.1 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

200000

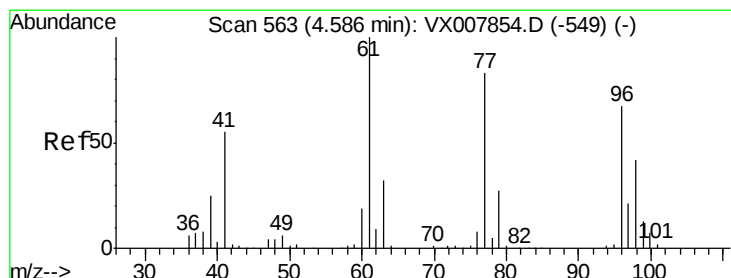
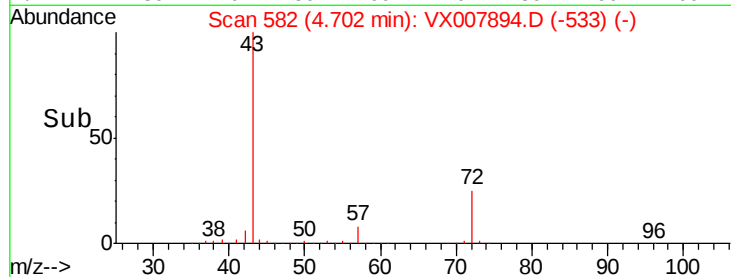
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 44.830 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007894.D

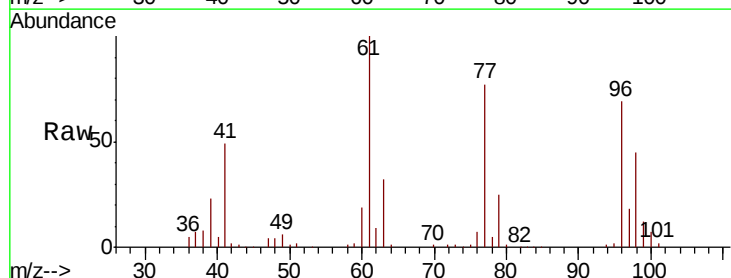
Acq: 07 Mar 2019 19:51

Tgt Ion: 77 Resp: 140624

Ion Ratio Lower Upper

77 100

97 25.0 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

50000

40000

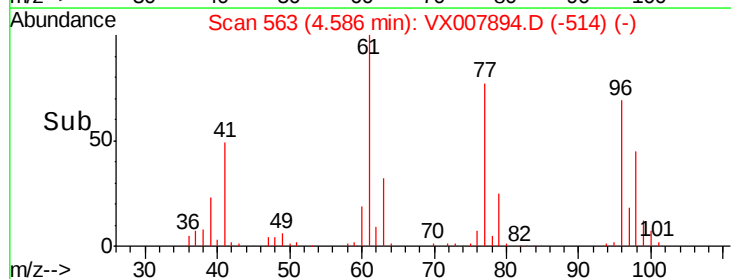
30000

20000

10000

0

Time-->



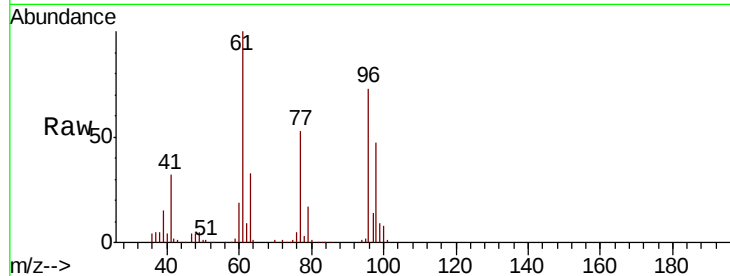


#27

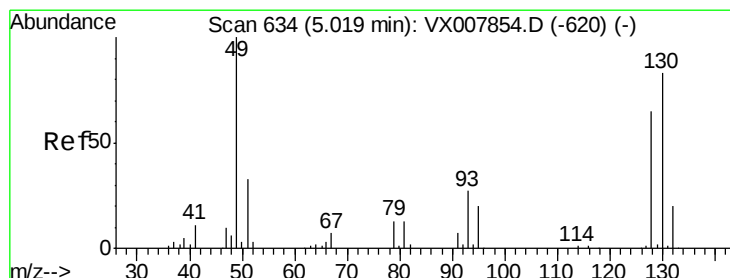
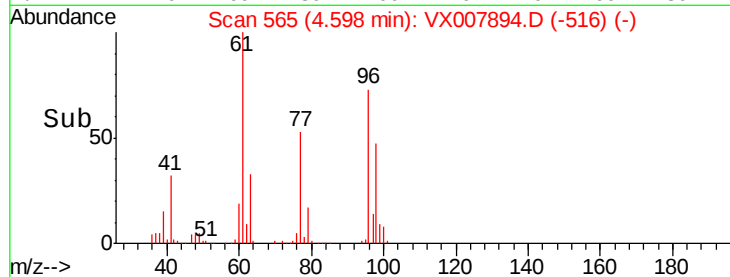
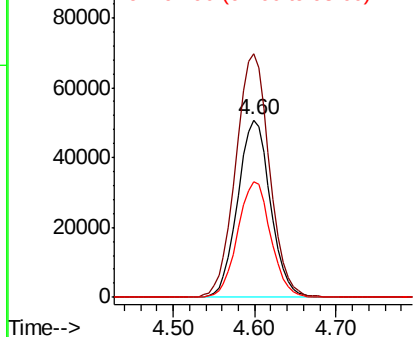
cis-1,2-Dichloroethene
 Concen: 49.042 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007894.D
 Acq: 07 Mar 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-2MS

Tgt Ion: 96 Resp: 141041
 Ion Ratio Lower Upper
 96 100
 61 142.2 0.0 288.0
 98 65.7 0.0 129.0



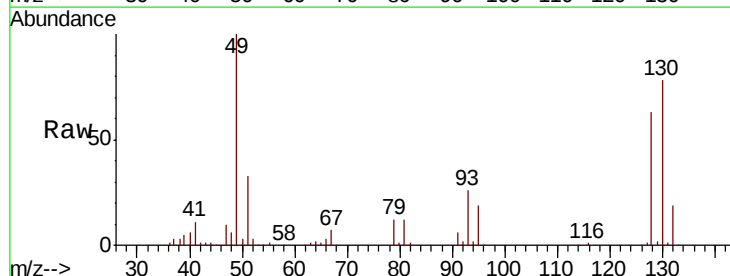
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



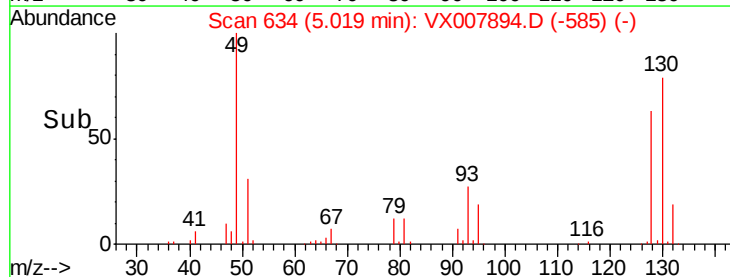
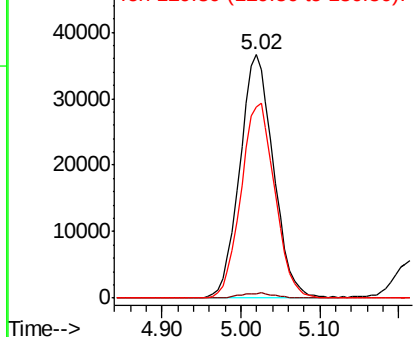
#28

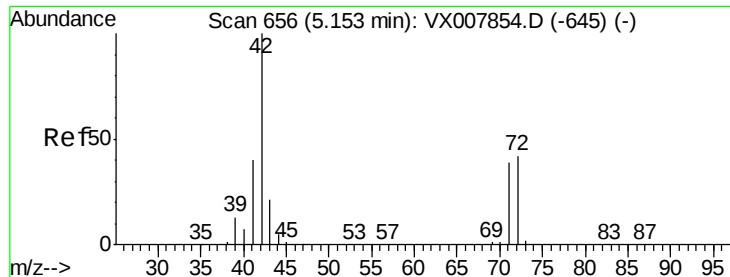
Bromochloromethane
 Concen: 49.163 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX007894.D
 Acq: 07 Mar 2019 19:51

Tgt Ion: 49 Resp: 108520
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 80.6 65.0 97.4



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

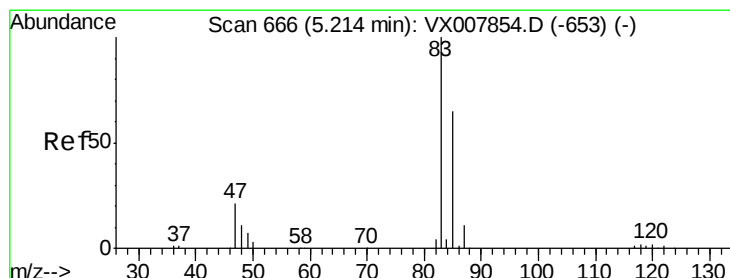
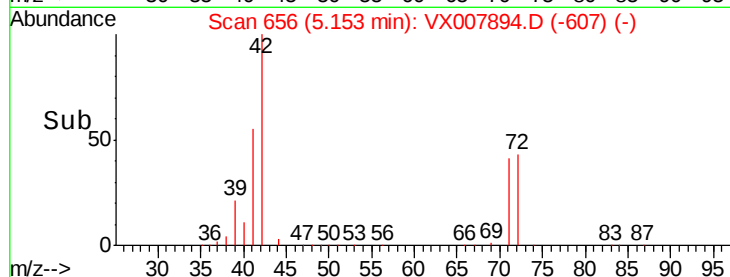
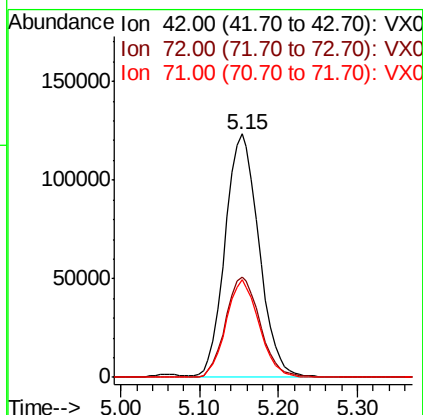
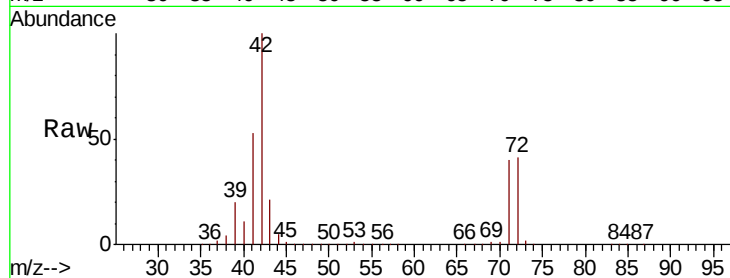




#29
Tetrahydrofuran
Concen: 254.127 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

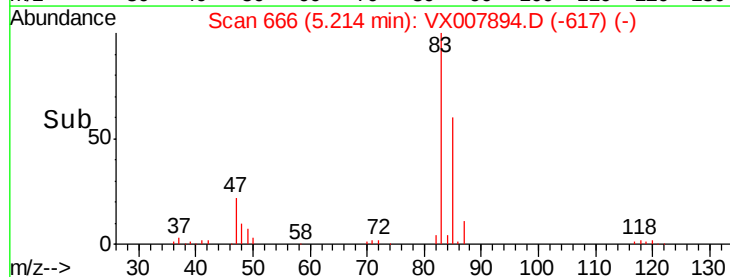
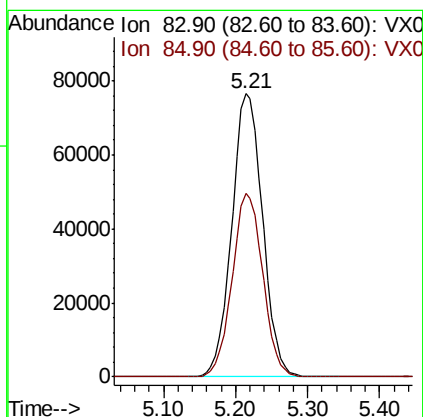
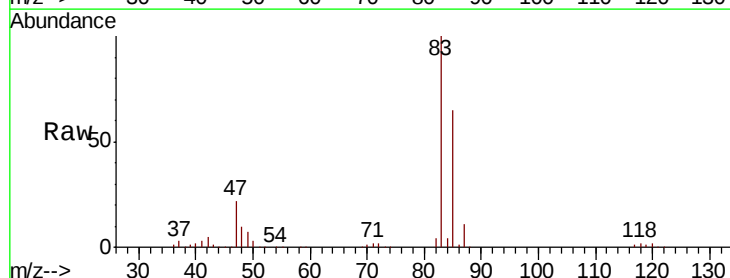
Instrument :
MSVOA_X
ClientSampleId :
SW-2MS

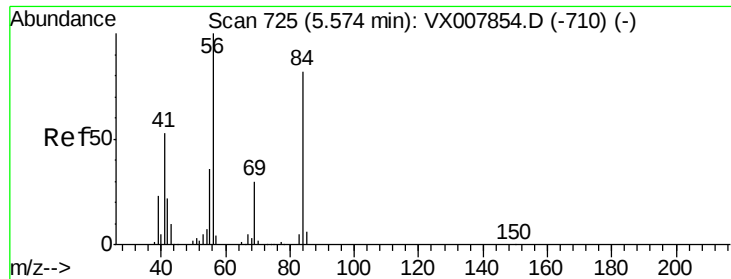
Tgt Ion: 42 Resp: 367862
Ion Ratio Lower Upper
42 100
72 42.2 33.8 50.6
71 39.2 31.5 47.3



#30
Chloroform
Concen: 50.812 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Tgt Ion: 83 Resp: 227575
Ion Ratio Lower Upper
83 100
85 64.6 51.8 77.6

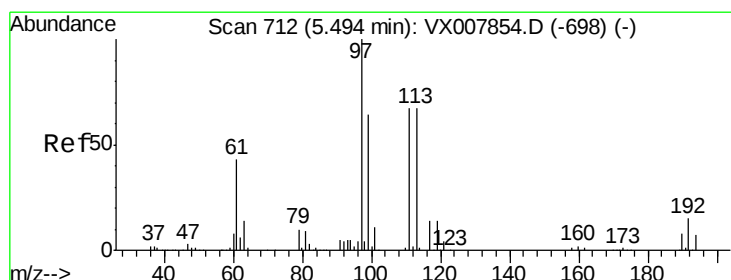
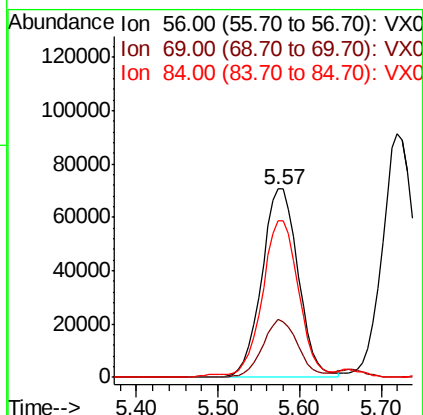
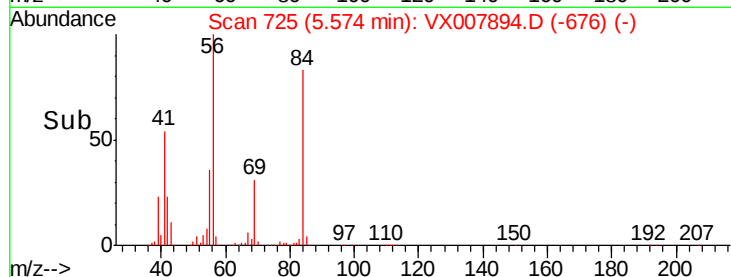
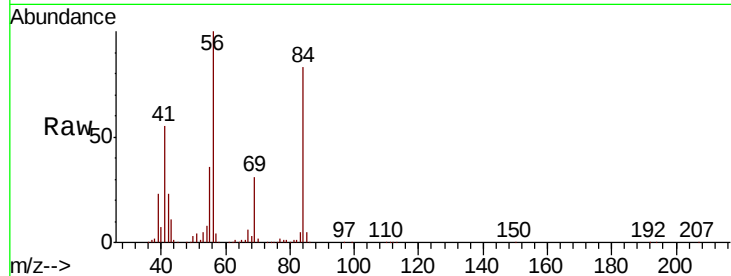




#31
Cyclohexane
Concen: 50.393 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

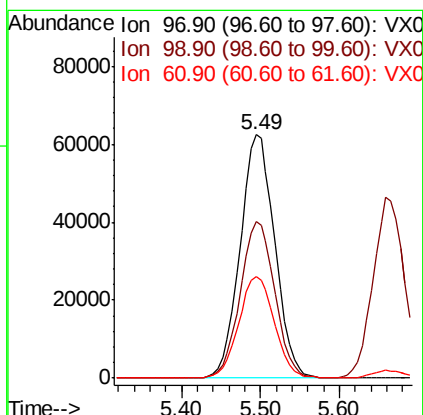
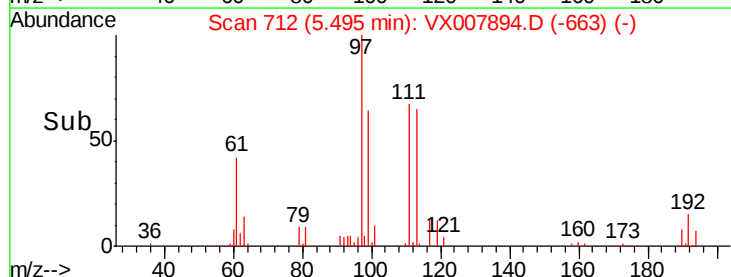
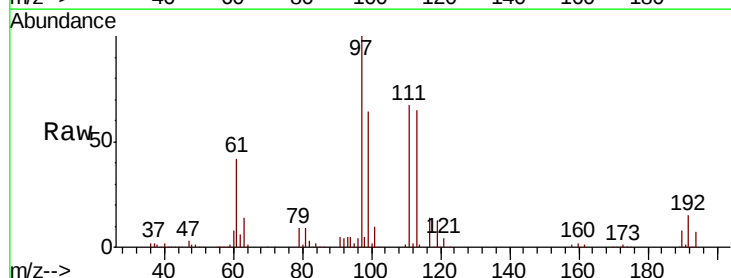
Instrument :
MSVOA_X
ClientSampleId :
SW-2MS

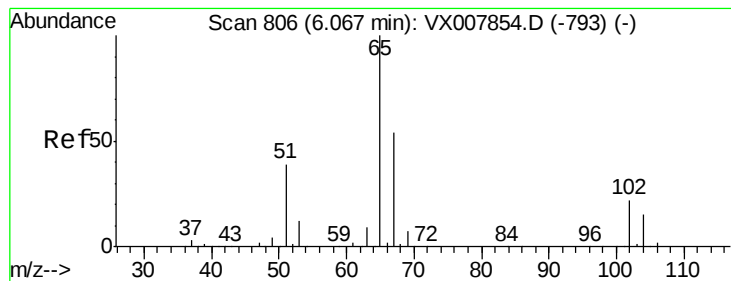
Tgt Ion: 56 Resp: 219289
Ion Ratio Lower Upper
56 100
69 30.6 24.0 36.0
84 82.9 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 51.281 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Tgt Ion: 97 Resp: 190563
Ion Ratio Lower Upper
97 100
99 64.2 52.2 78.2
61 42.9 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 50.464 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

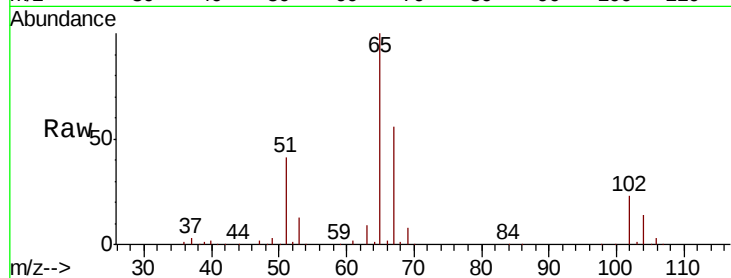
SW-2MS

Tgt Ion: 65 Resp: 142916

Ion Ratio Lower Upper

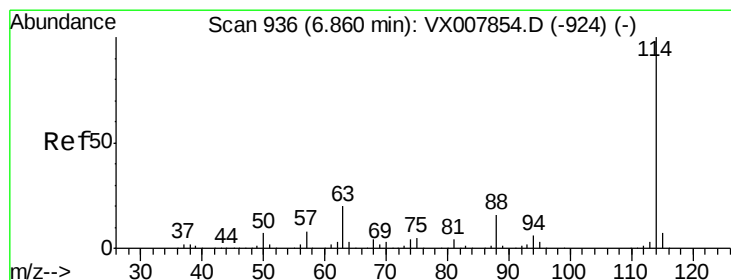
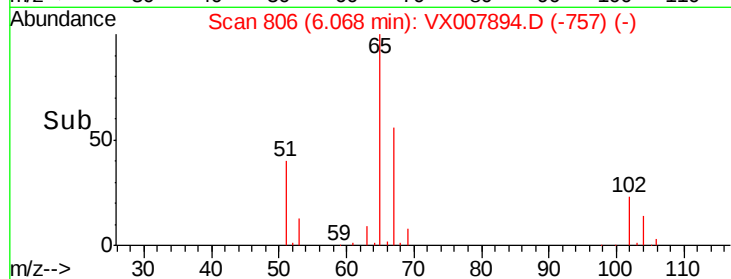
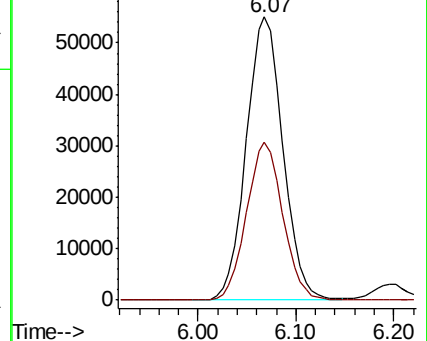
65 100

67 55.3 0.0 110.0



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: VX007894.D

Acq: 07 Mar 2019 19:51

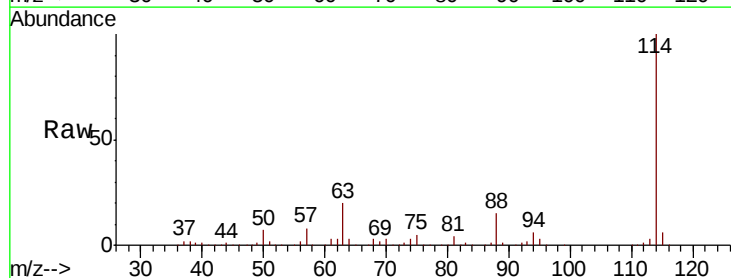
Tgt Ion: 114 Resp: 395303

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

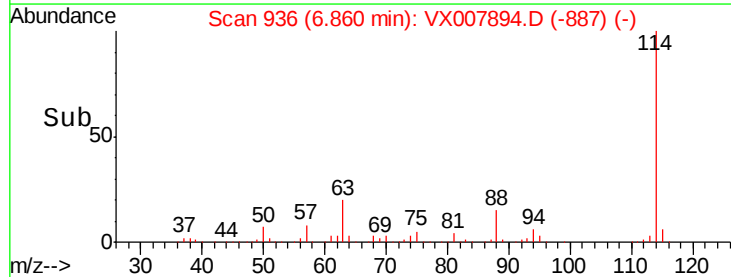
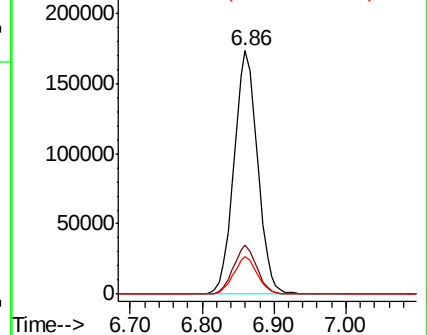
88 15.2 0.0 31.4

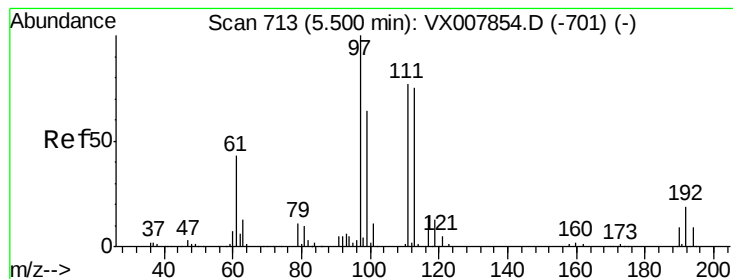


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.351 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

SW-2MS

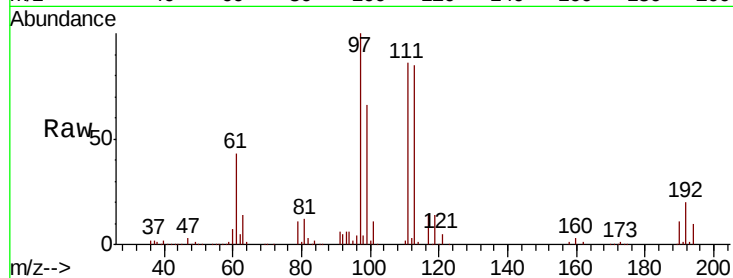
Tgt Ion:113 Resp: 127318

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

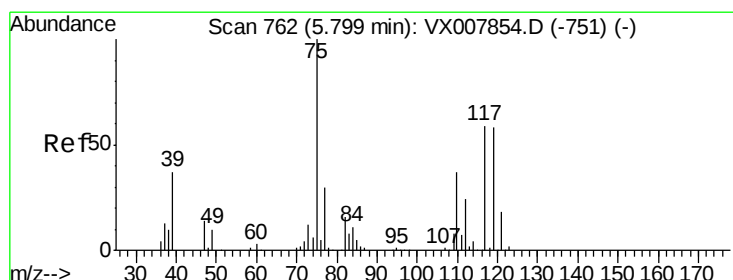
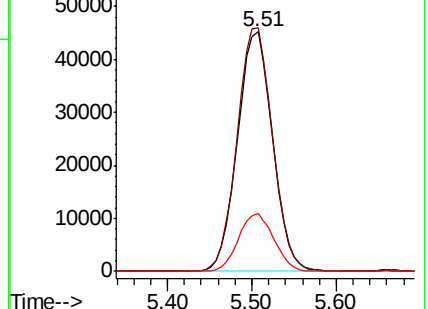
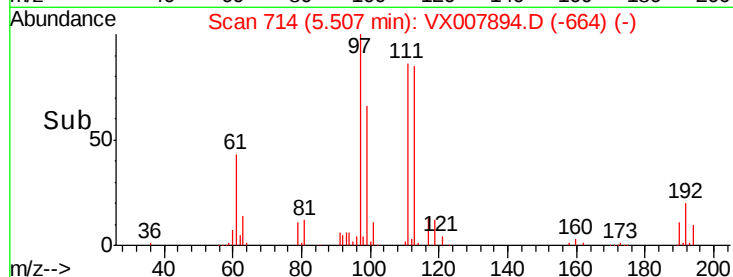
192 24.3 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.474 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

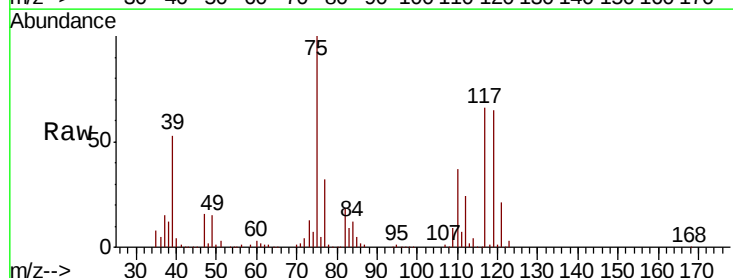
Tgt Ion: 75 Resp: 169927

Ion Ratio Lower Upper

75 100

110 36.7 18.4 55.0

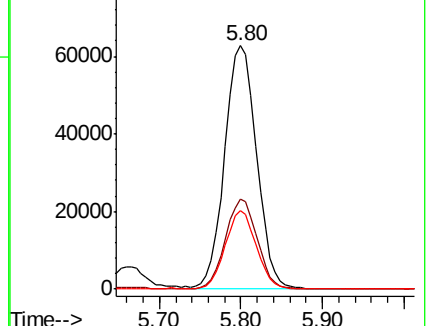
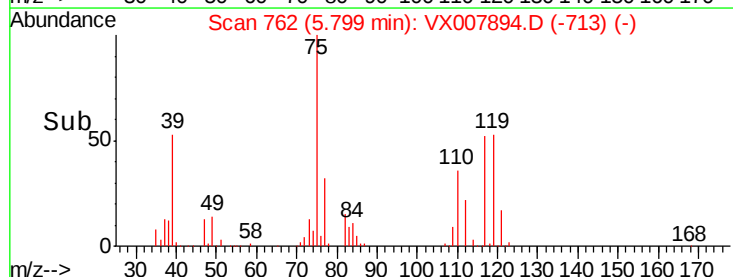
77 31.5 25.0 37.4

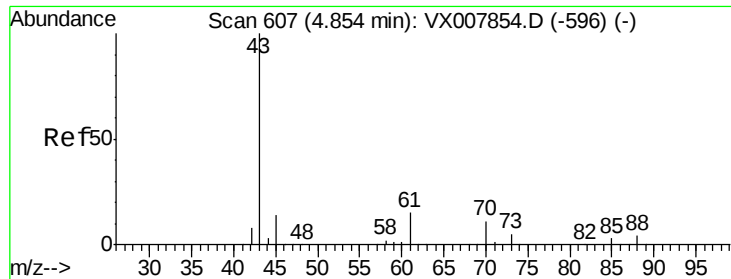


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

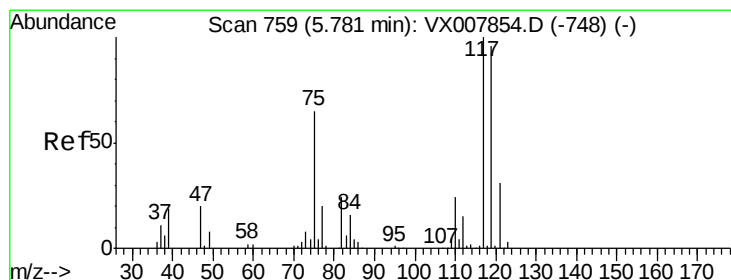
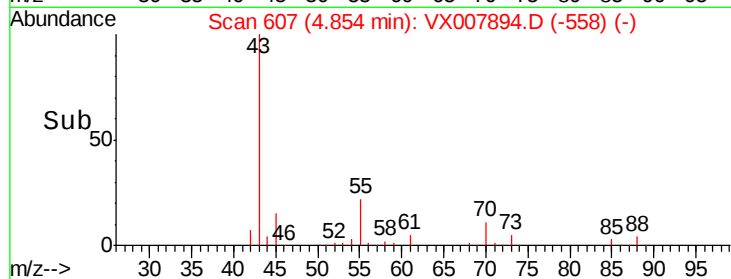
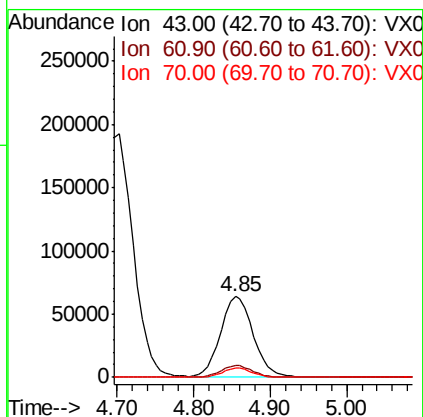
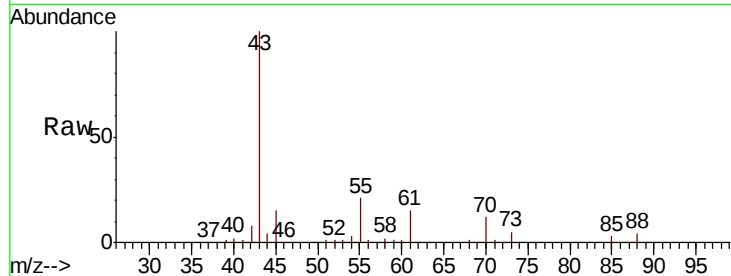




#37
Ethyl Acetate
Concen: 44.480 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

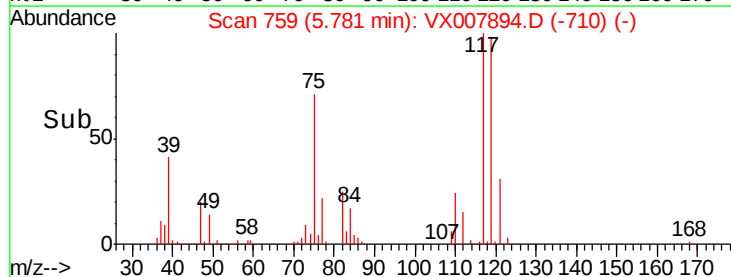
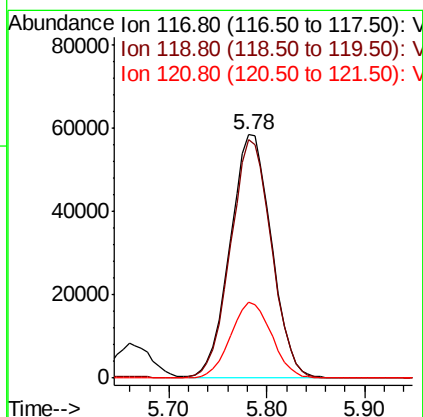
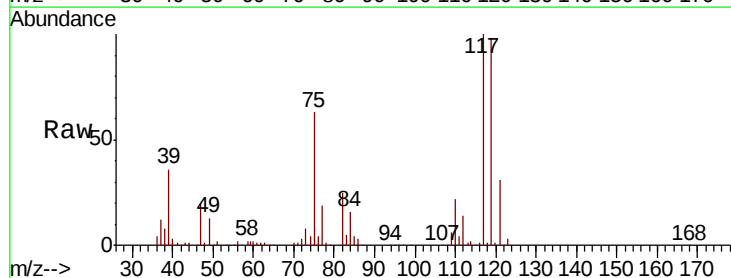
Instrument :
MSVOA_X
ClientSampled :
SW-2MS

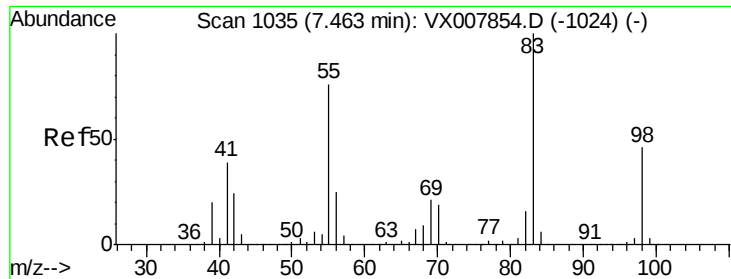
Tgt Ion: 43 Resp: 188936
Ion Ratio Lower Upper
43 100
61 14.2 11.3 16.9
70 10.9 8.5 12.7



#38
Carbon Tetrachloride
Concen: 50.270 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Tgt Ion: 117 Resp: 170825
Ion Ratio Lower Upper
117 100
119 97.7 76.2 114.2
121 31.1 24.6 36.8

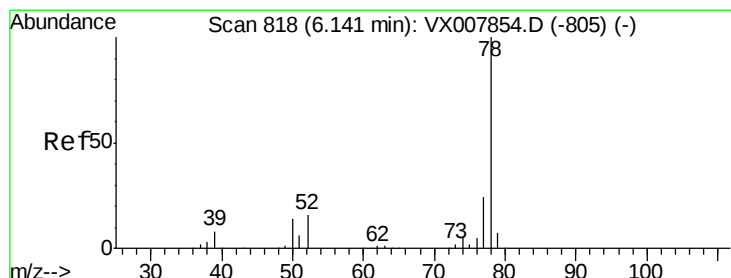
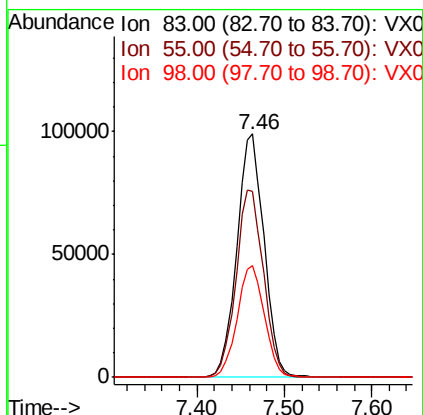
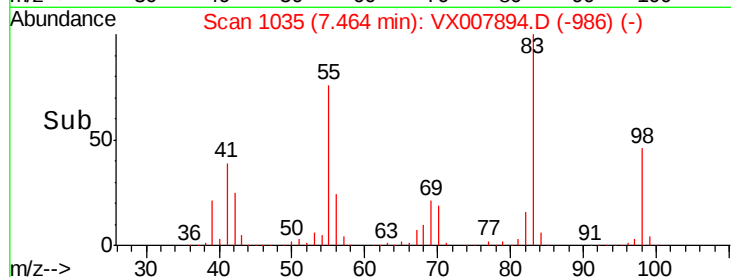
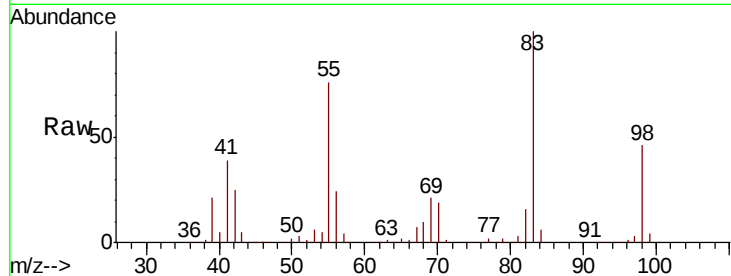




#39
Methylcyclohexane
Concen: 49.222 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

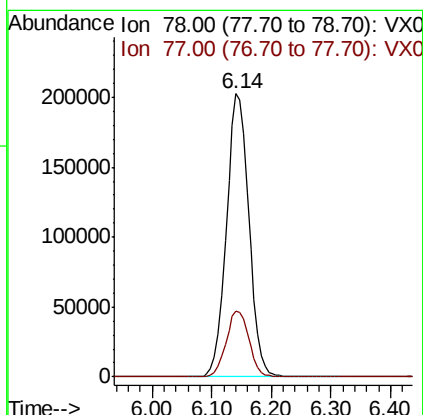
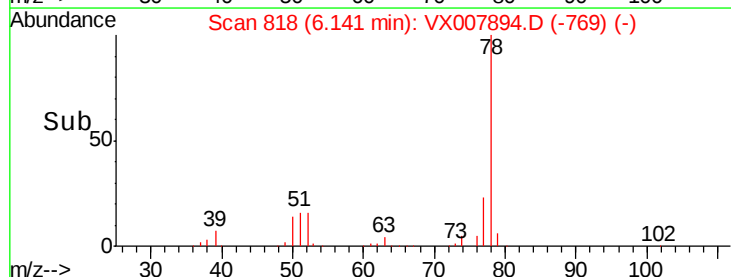
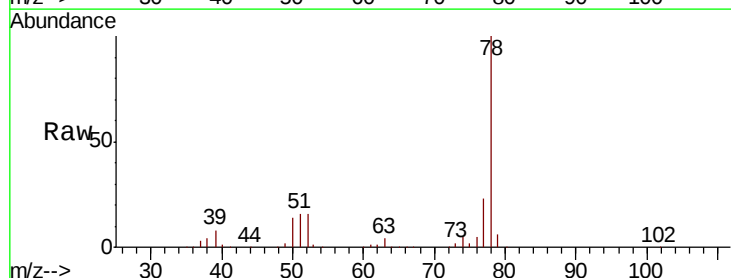
Instrument :
MSVOA_X
ClientSampleId :
SW-2MS

Tgt Ion: 83 Resp: 213486
Ion Ratio Lower Upper
83 100
55 76.4 60.4 90.6
98 46.2 36.5 54.7



#40
Benzene
Concen: 49.725 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Tgt Ion: 78 Resp: 529870
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4

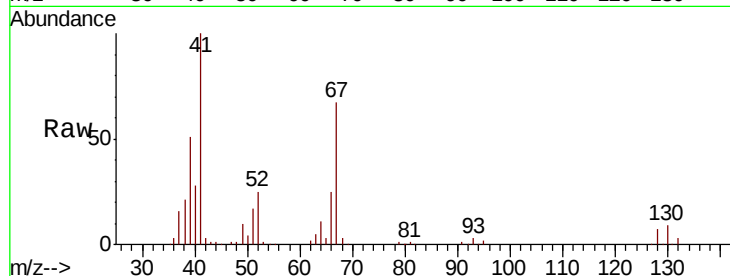




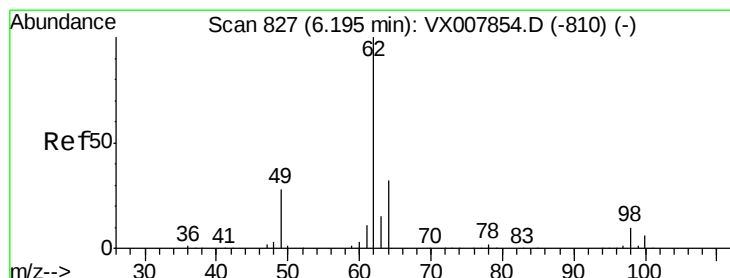
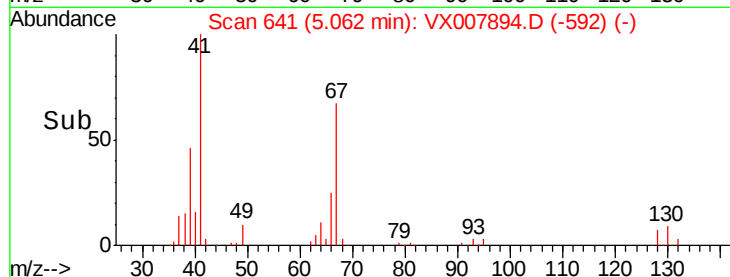
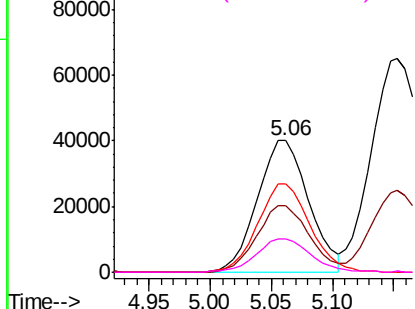
#41
Methacrylonitrile
Concen: 50.798 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Instrument :
MSVOA_X
ClientSampled :
SW-2MS

Tgt Ion:	41	Resp:	117640
Ion	Ratio	Lower	Upper
41	100		
39	52.2	41.6	62.4
67	68.3	55.8	83.6
52	26.4	21.7	32.5

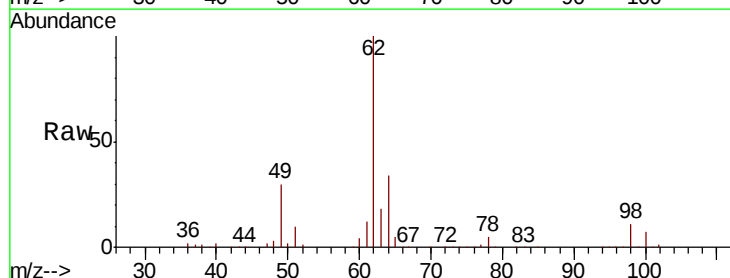


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

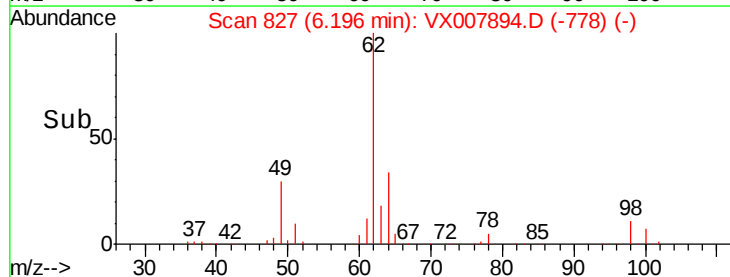
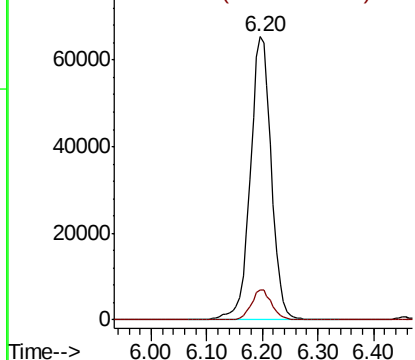


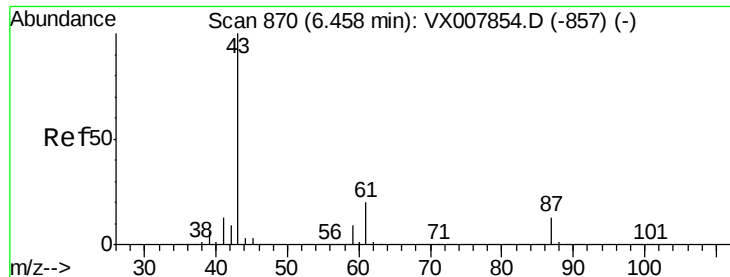
#42
1,2-Dichloroethane
Concen: 49.470 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Tgt Ion:	62	Resp:	172397
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4



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





#43

Isopropyl Acetate

Concen: 47.699 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

SW-2MS

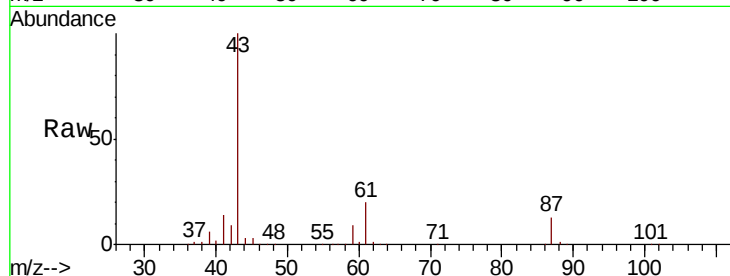
Tgt Ion: 43 Resp: 299854

Ion Ratio Lower Upper

43 100

61 20.4 16.3 24.5

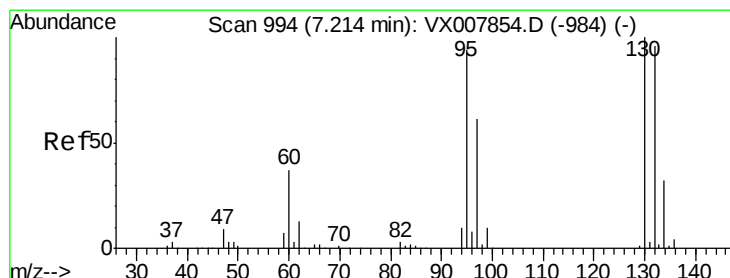
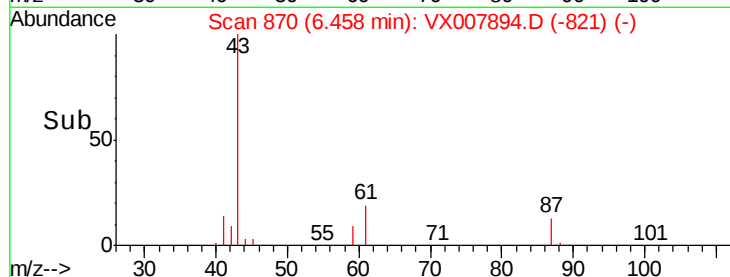
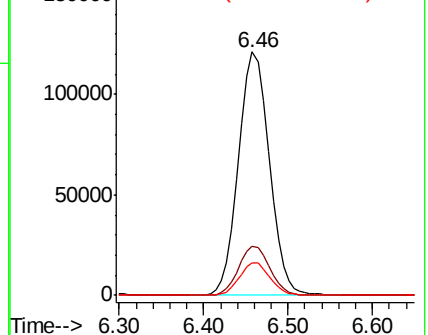
87 13.3 10.5 15.7



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: 48.484 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007894.D

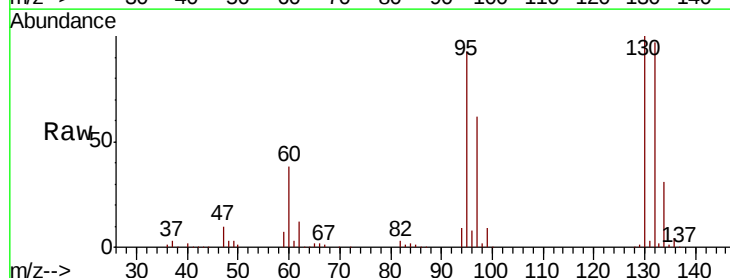
Acq: 07 Mar 2019 19:51

Tgt Ion: 130 Resp: 142378

Ion Ratio Lower Upper

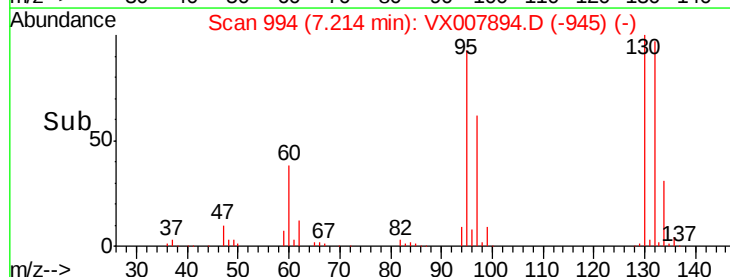
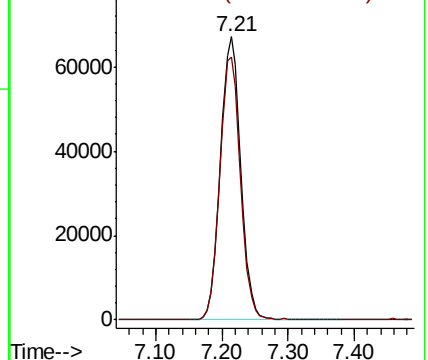
130 100

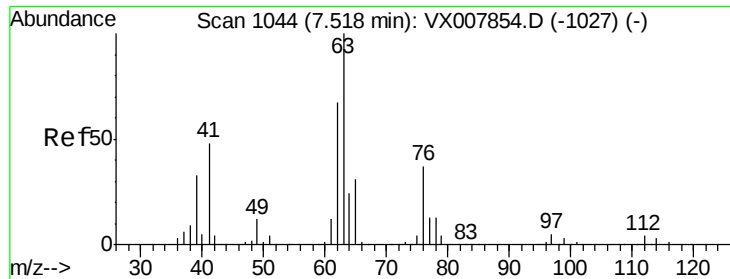
95 93.0 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

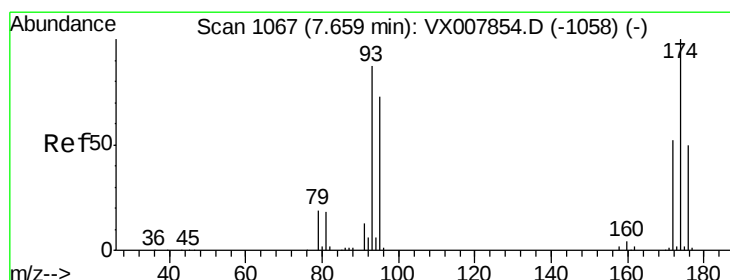
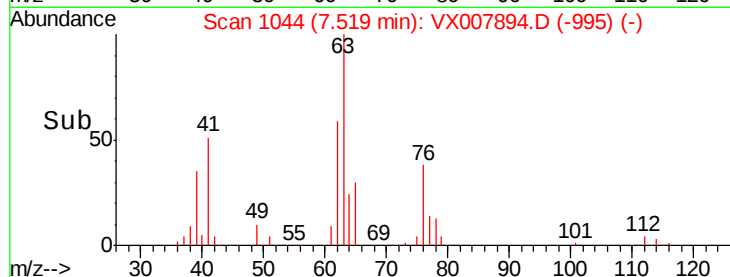
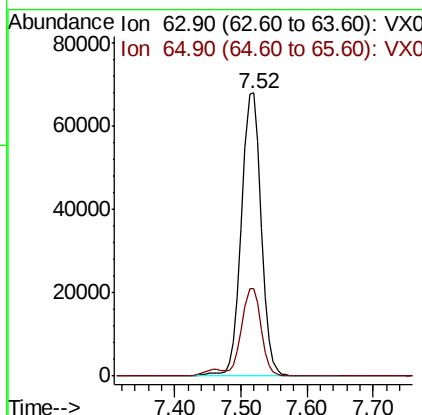
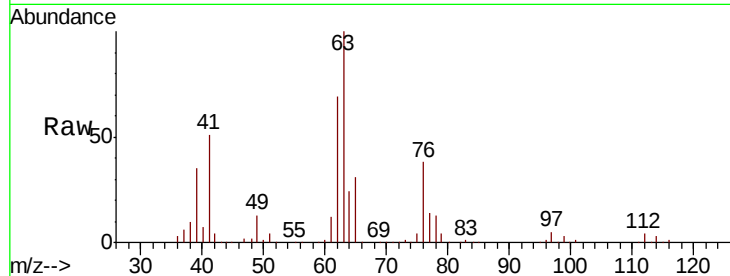




#45
 1,2-Dichloropropane
 Concen: 50.243 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX007894.D
 Acq: 07 Mar 2019 19:51

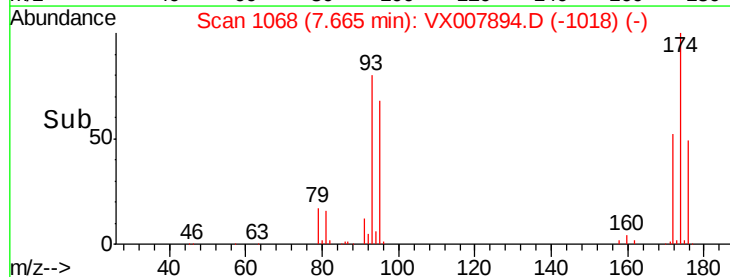
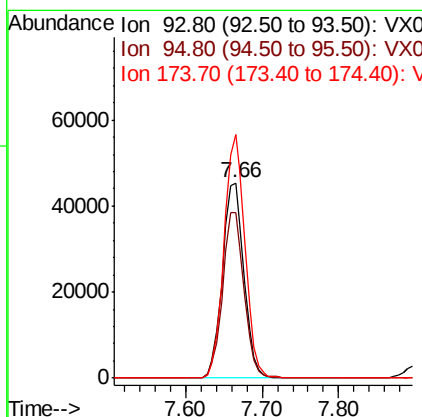
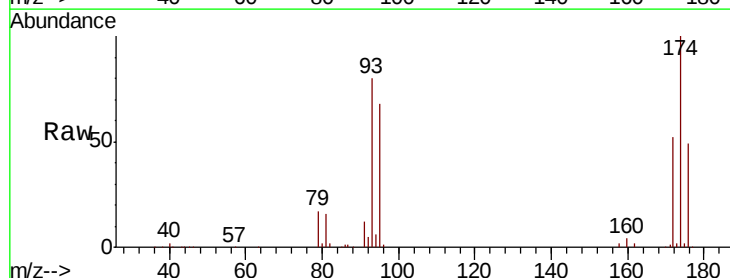
Instrument :
 MSVOA_X
 ClientSampleId :
 SW-2MS

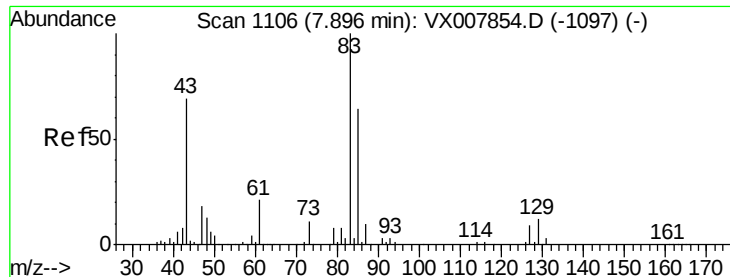
Tgt Ion: 63 Resp: 141407
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.7 37.1



#46
 Dibromomethane
 Concen: 49.586 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX007894.D
 Acq: 07 Mar 2019 19:51

Tgt Ion: 93 Resp: 88319
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.8 100.2
 174 121.4 97.3 145.9





#47

Bromodichloromethane

Concen: 51.154 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

SW-2MS

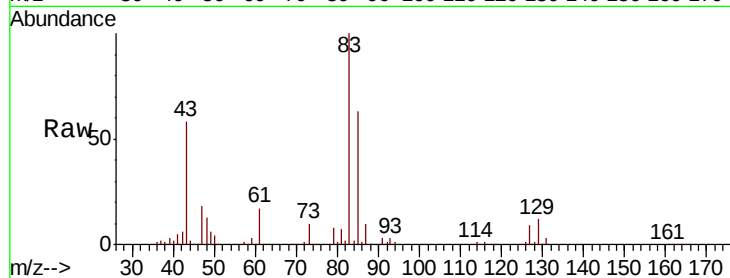
Tgt Ion: 83 Resp: 172744

Ion Ratio Lower Upper

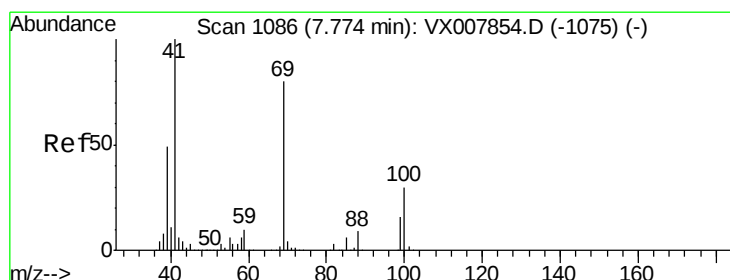
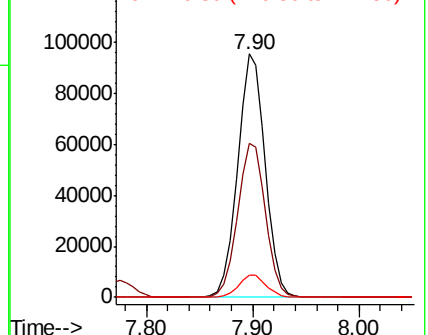
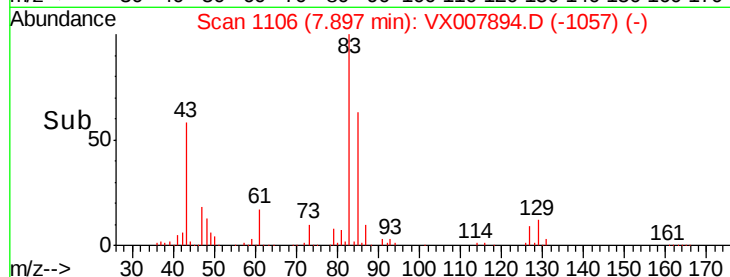
83 100

85 63.2 50.9 76.3

127 9.1 7.4 11.0



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



#48

Methyl methacrylate

Concen: 50.999 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

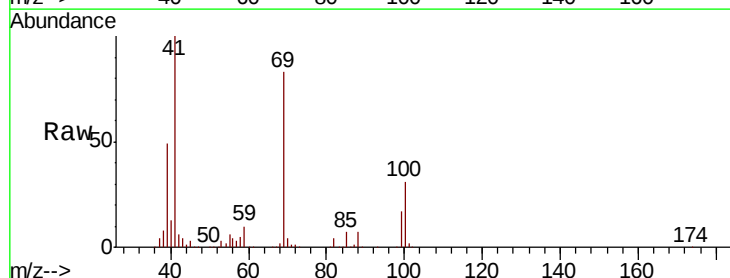
Tgt Ion: 41 Resp: 168557

Ion Ratio Lower Upper

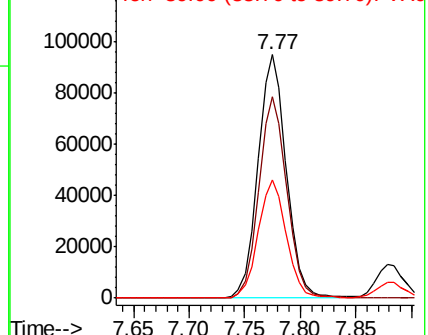
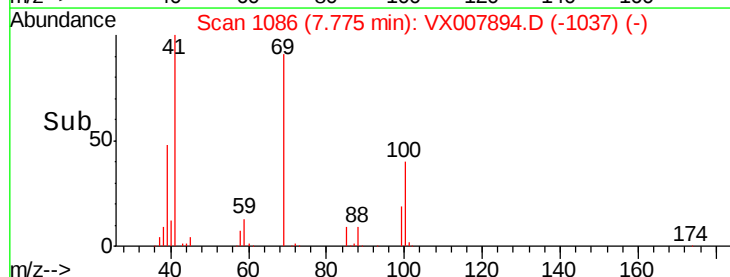
41 100

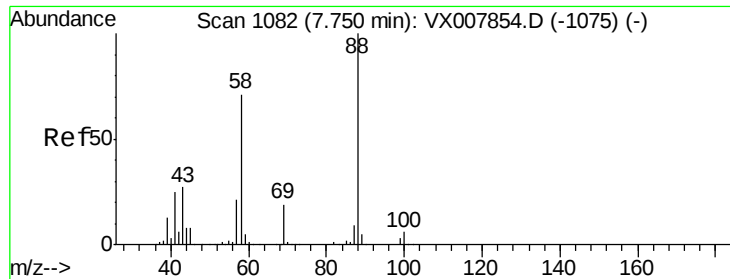
69 82.0 65.2 97.8

39 48.6 39.4 59.2



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

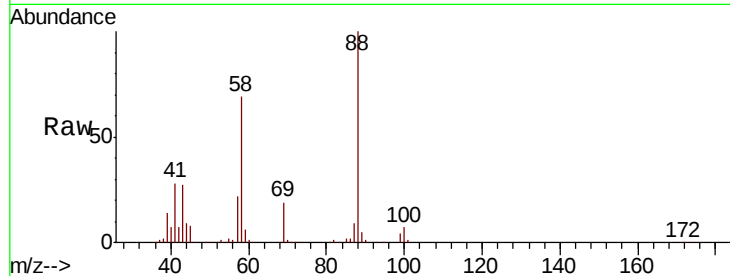




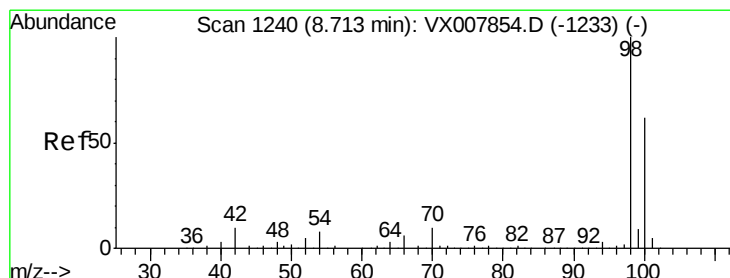
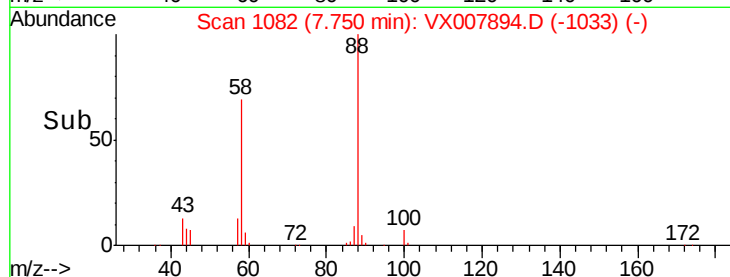
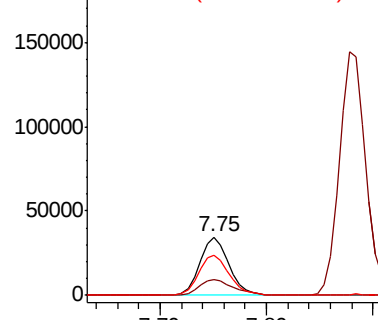
#49
1,4-Dioxane
Concen: 973.661 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
SW-2MS

Tgt Ion: 88 Resp: 66106
Ion Ratio Lower Upper
88 100
43 32.5 25.1 37.7
58 73.0 57.8 86.6

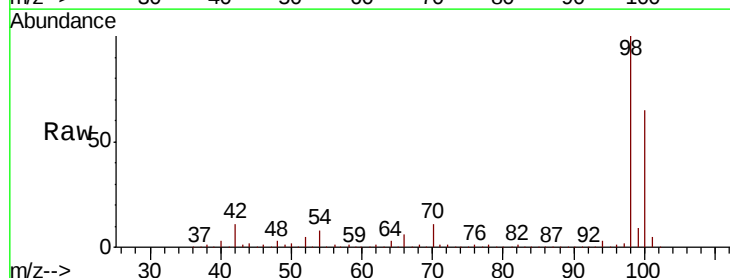


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

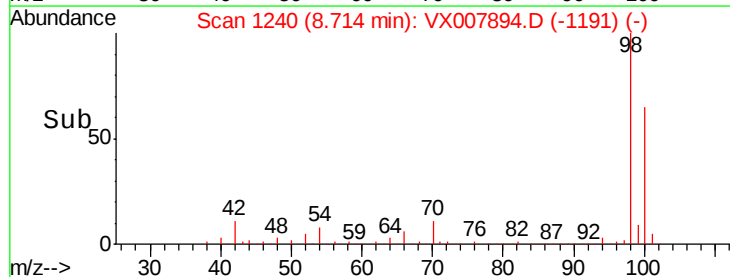
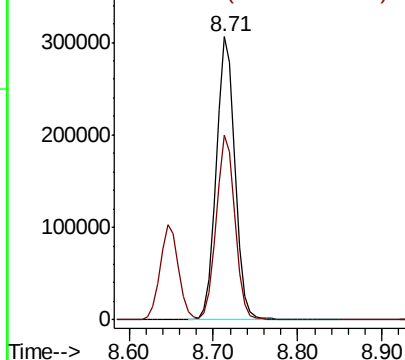


#50
Toluene-d8
Concen: 50.850 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Tgt Ion: 98 Resp: 472216
Ion Ratio Lower Upper
98 100
100 65.3 51.7 77.5



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: 254.165 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

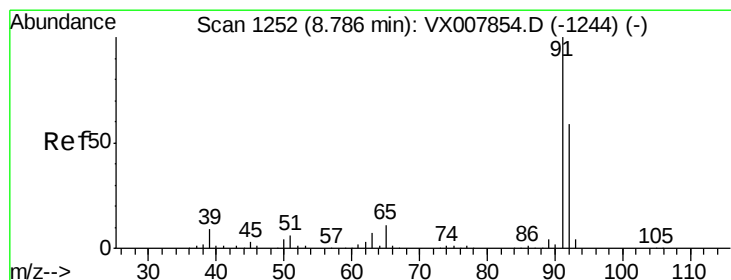
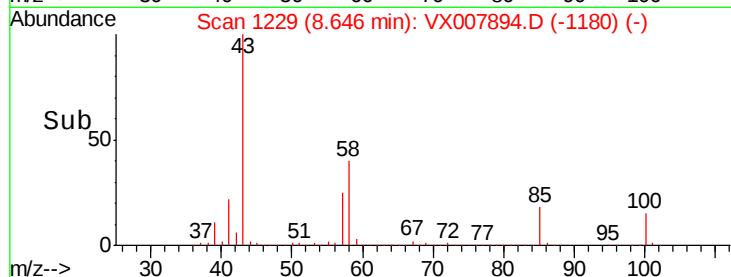
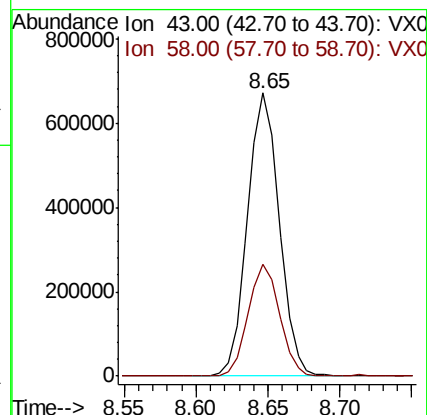
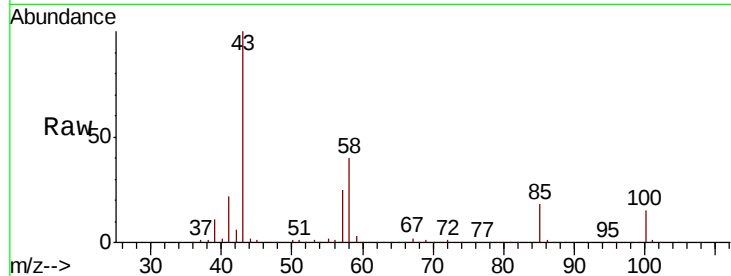
SW-2MS

Tgt Ion: 43 Resp: 1027532

Ion Ratio Lower Upper

43 100

58 39.3 31.3 46.9



#52

Toluene

Concen: 49.909 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX007894.D

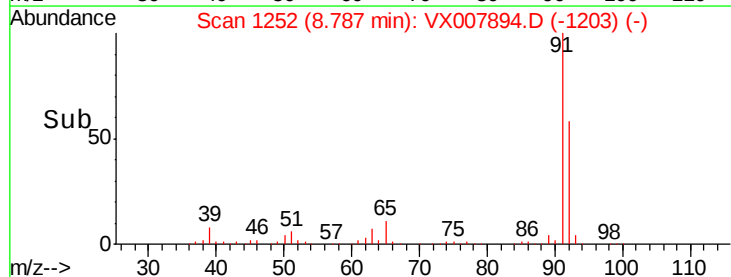
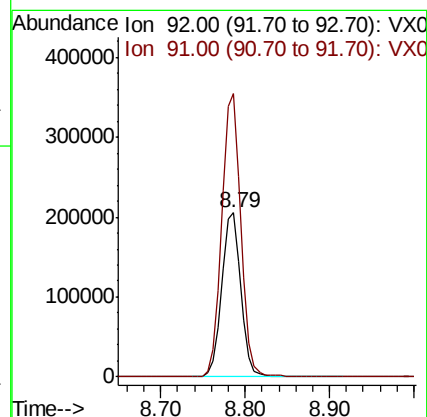
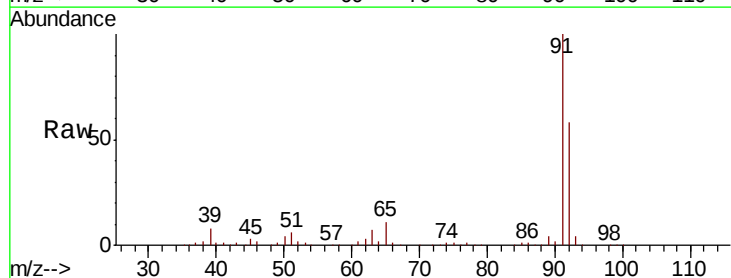
Acq: 07 Mar 2019 19:51

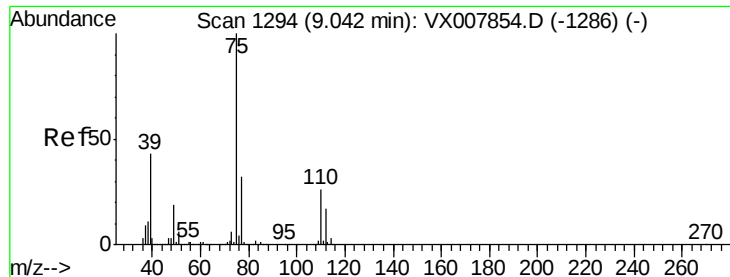
Tgt Ion: 92 Resp: 324697

Ion Ratio Lower Upper

92 100

91 172.1 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 52.375 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

Instrument :

MSVOA_X

ClientSampled :

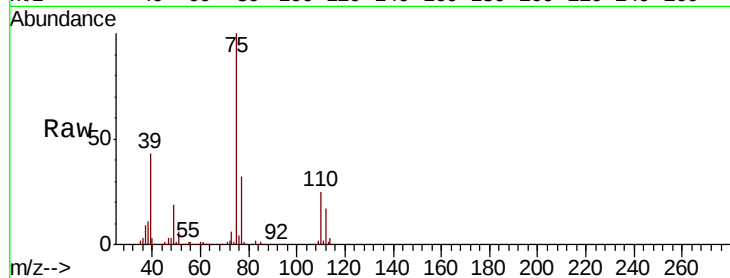
SW-2MS

Tgt Ion: 75 Resp: 184603

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

150000

100000

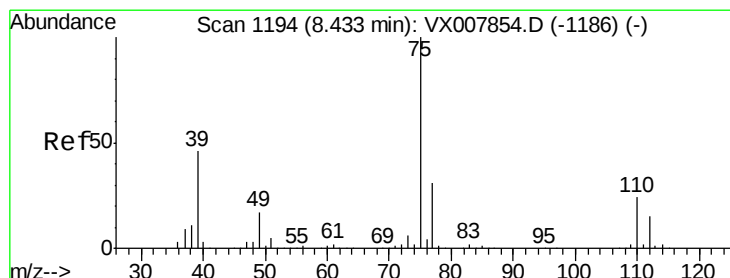
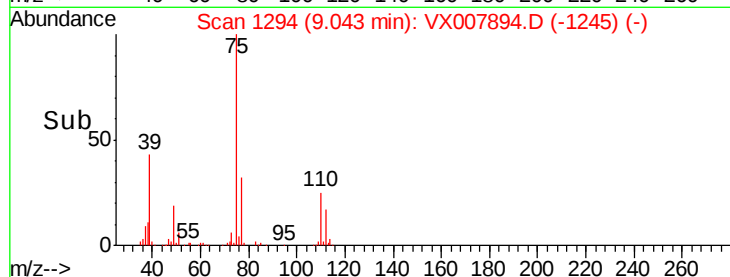
50000

0

9.04

9.00 9.10 9.20

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.955 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

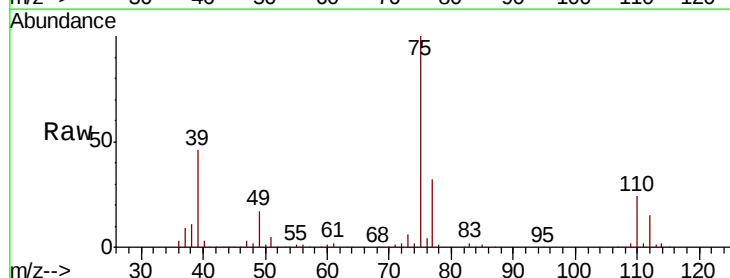
Tgt Ion: 75 Resp: 202814

Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.6

39 45.7 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

150000

100000

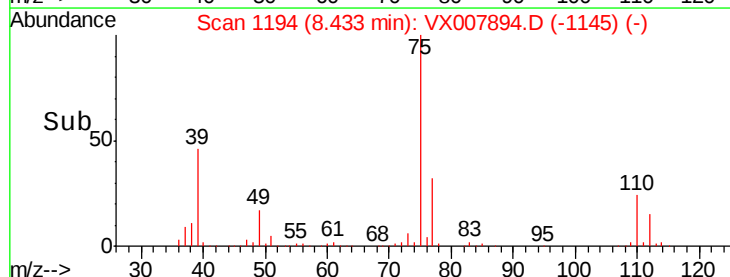
50000

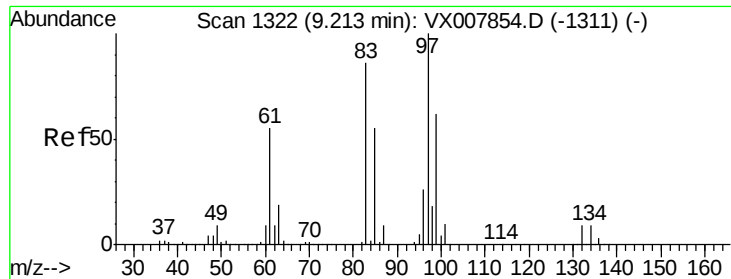
0

8.43

8.40 8.50 8.60

Time-->

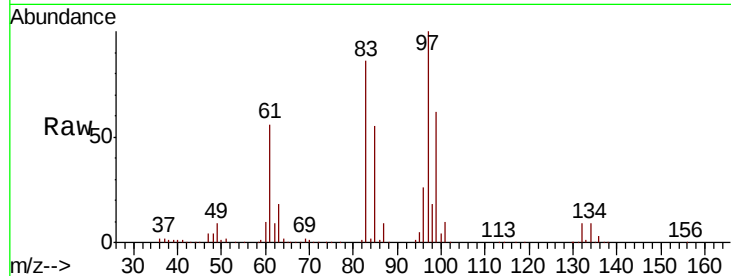




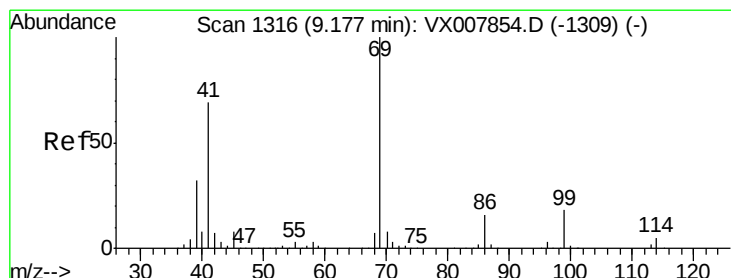
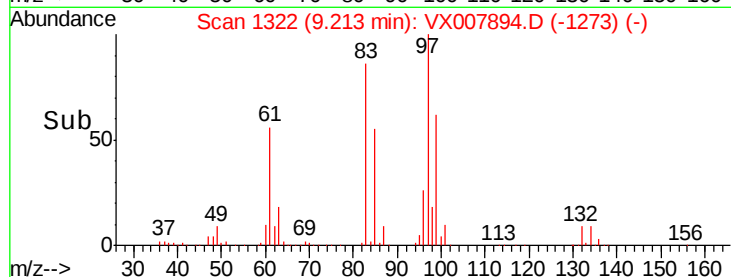
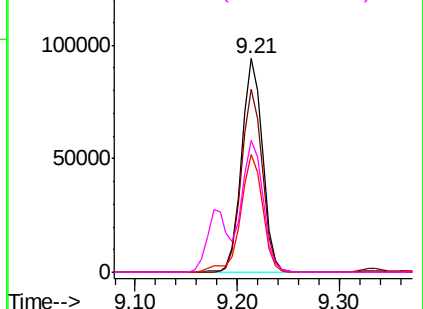
#55
 1,1,2-Trichloroethane
 Concen: 50.701 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007894.D
 Acq: 07 Mar 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-2MS

Tgt Ion: 97 Resp: 133526
 Ion Ratio Lower Upper
 97 100
 83 85.6 69.1 103.7
 85 55.0 44.3 66.5
 99 61.8 49.8 74.8

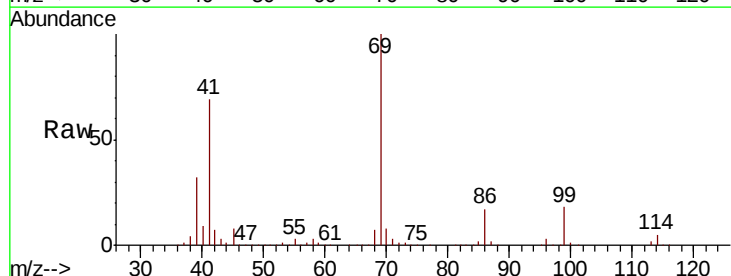


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

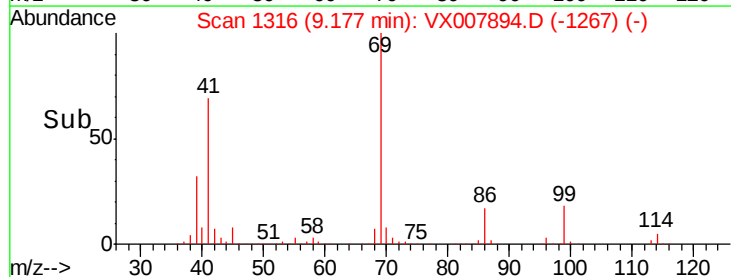
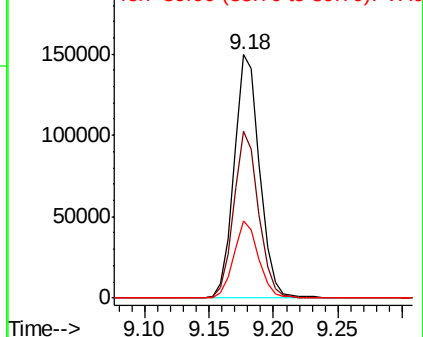


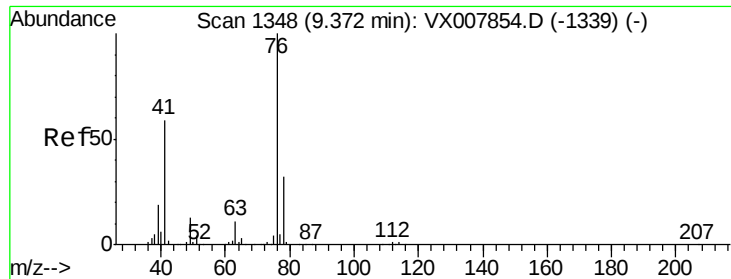
#56
 Ethyl methacrylate
 Concen: 52.215 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX007894.D
 Acq: 07 Mar 2019 19:51

Tgt Ion: 69 Resp: 206470
 Ion Ratio Lower Upper
 69 100
 41 67.0 54.2 81.4
 39 31.1 25.0 37.4



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: 50.631 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

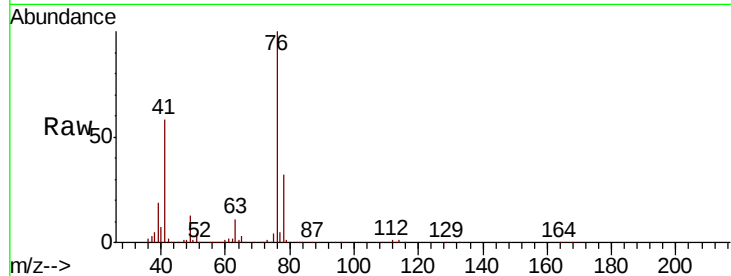
SW-2MS

Tgt Ion: 76 Resp: 223892

Ion Ratio Lower Upper

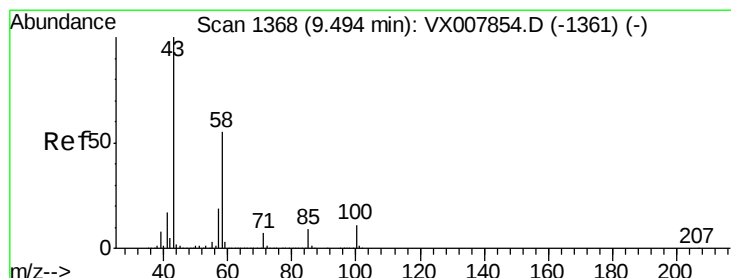
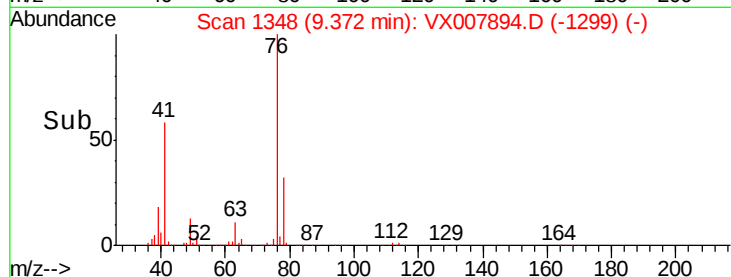
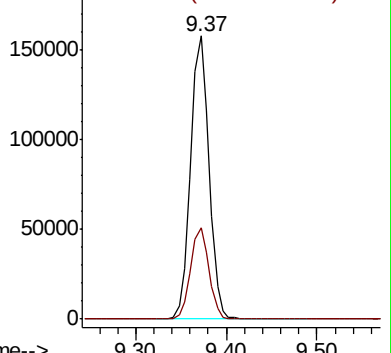
76 100

78 32.1 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 246.876 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX007894.D

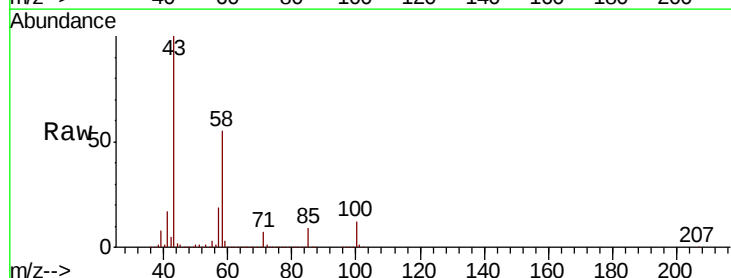
Acq: 07 Mar 2019 19:51

Tgt Ion: 43 Resp: 774875

Ion Ratio Lower Upper

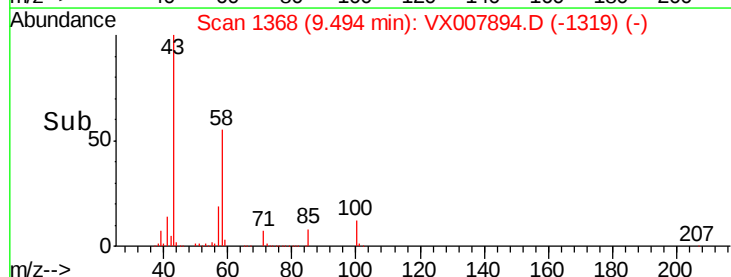
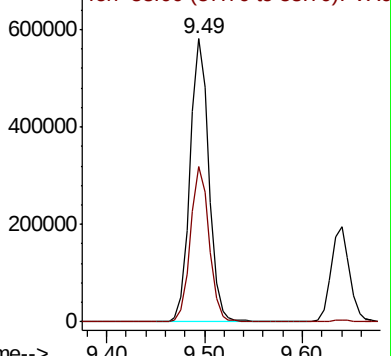
43 100

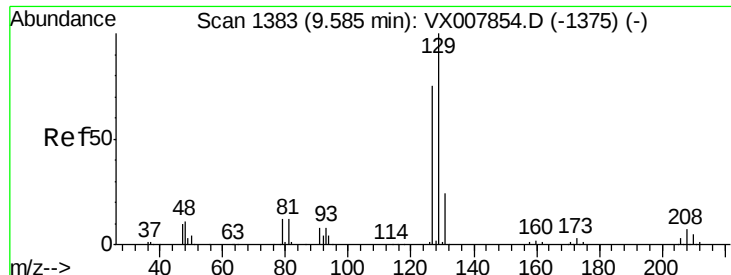
58 54.7 27.6 82.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

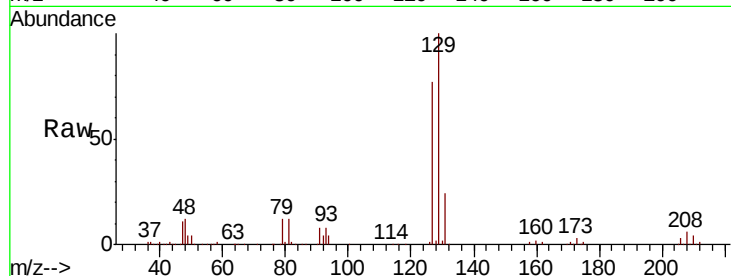




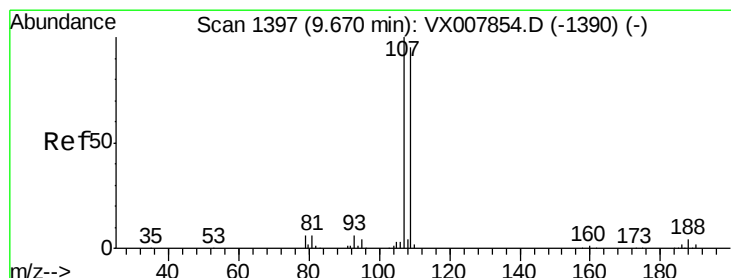
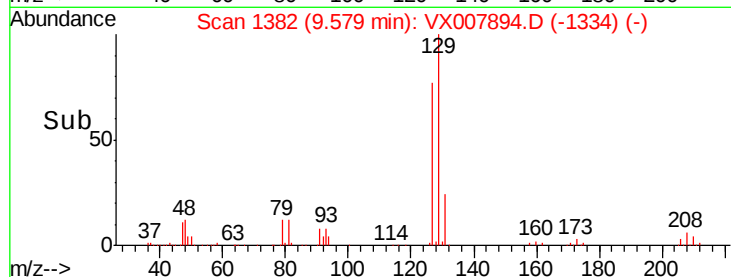
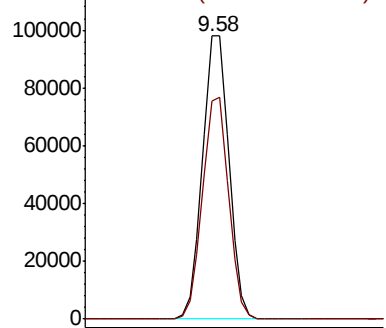
#60
Dibromochloromethane
Concen: 53.039 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Instrument :
MSVOA_X
ClientSampled :
SW-2MS

Tgt Ion:129 Resp: 146003
Ion Ratio Lower Upper
129 100
127 77.2 38.3 114.8

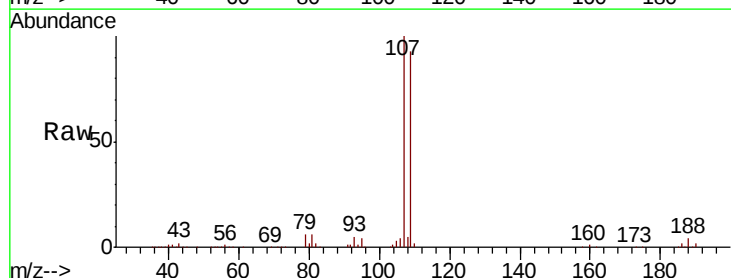


Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V

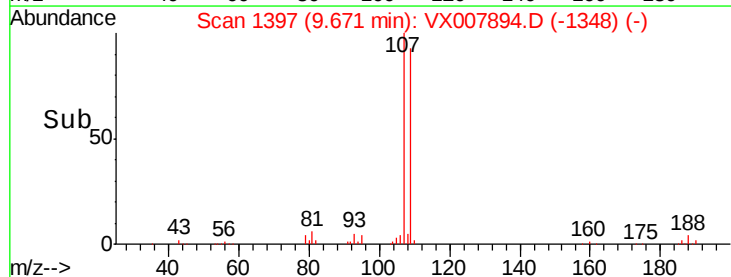
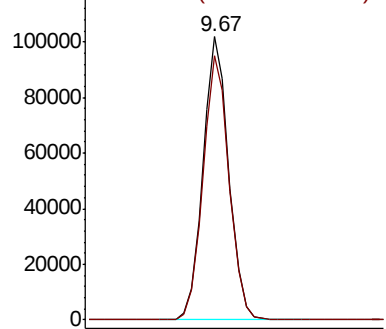


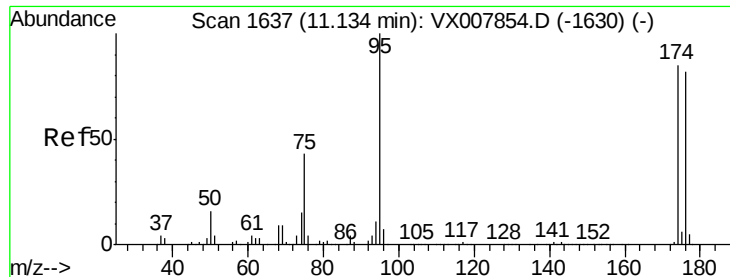
#61
1,2-Dibromoethane
Concen: 50.559 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Tgt Ion:107 Resp: 141371
Ion Ratio Lower Upper
107 100
109 94.6 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 51.154 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

SW-2MS

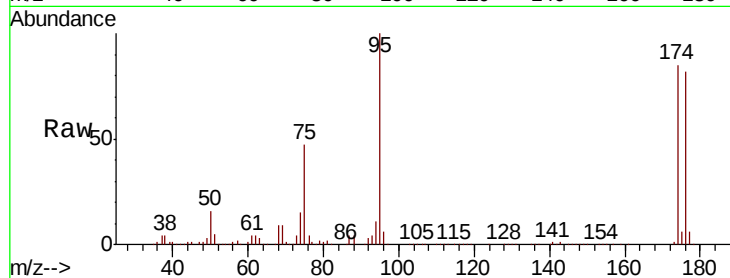
Tgt Ion: 95 Resp: 166550

Ion Ratio Lower Upper

95 100

174 91.6 0.0 182.8

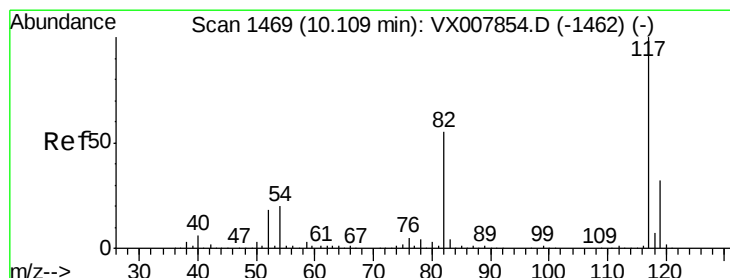
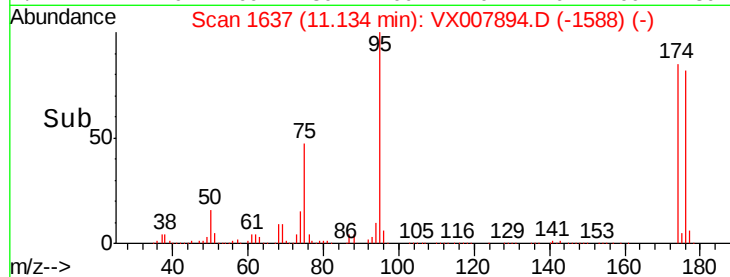
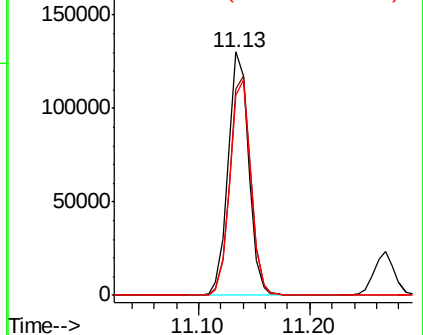
176 89.5 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

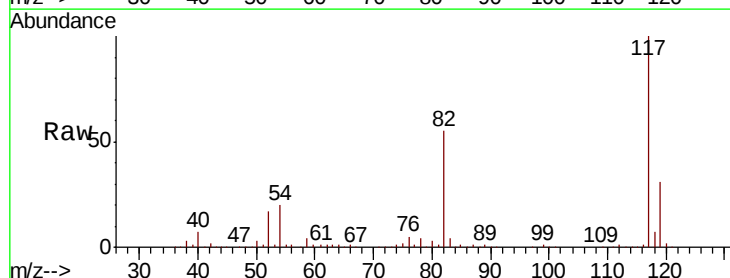
Tgt Ion: 117 Resp: 347582

Ion Ratio Lower Upper

117 100

82 55.0 44.3 66.5

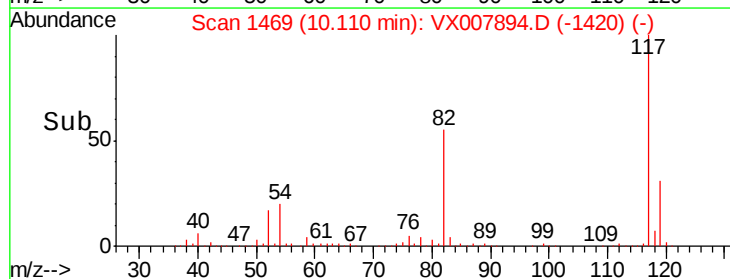
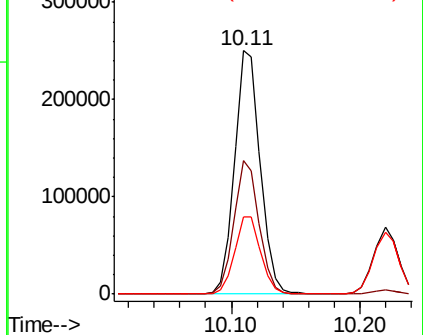
119 31.5 25.3 37.9

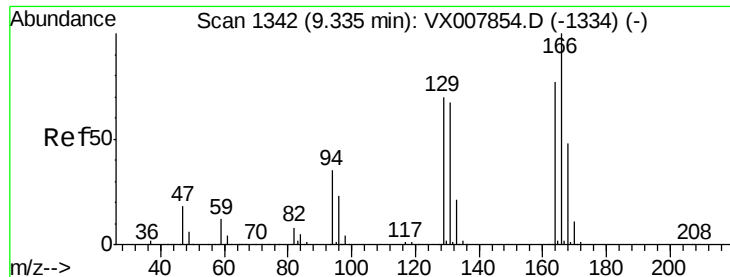


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

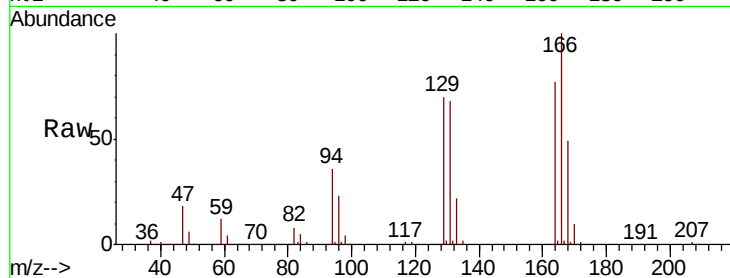




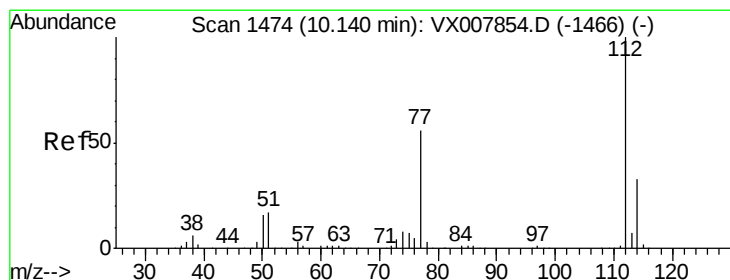
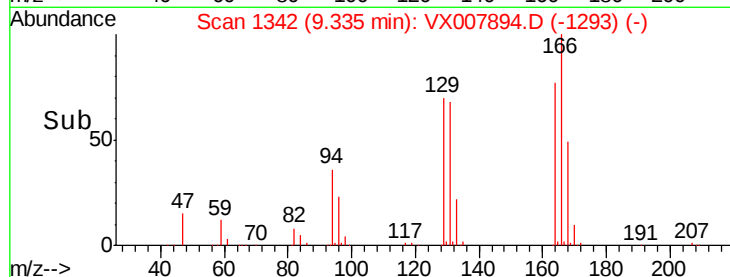
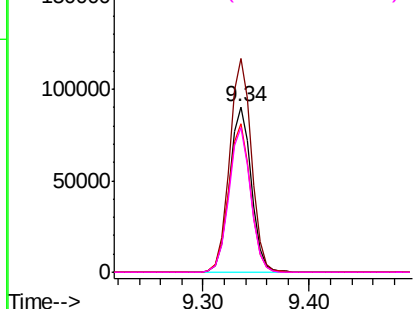
#64
Tetrachloroethene
Concen: 45.307 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
SW-2MS

Tgt Ion:164 Resp: 130502
Ion Ratio Lower Upper
164 100
166 129.2 103.4 155.0
129 90.0 72.2 108.4
131 87.8 69.4 104.2

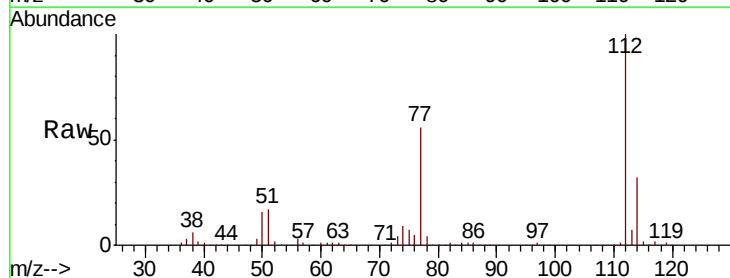


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

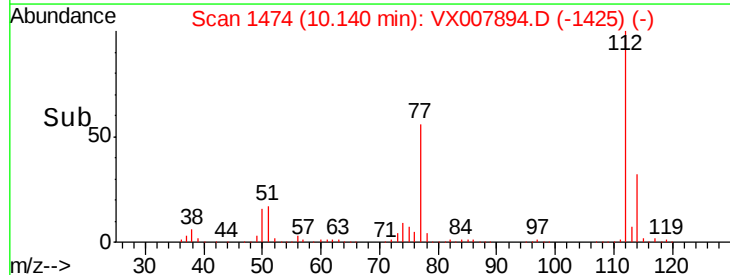
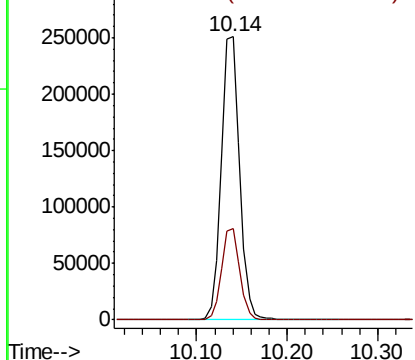


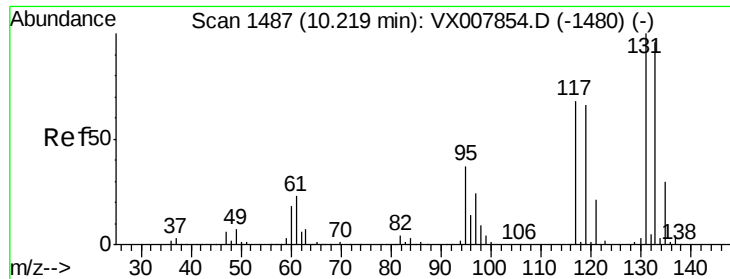
#65
Chlorobenzene
Concen: 48.677 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Tgt Ion:112 Resp: 354051
Ion Ratio Lower Upper
112 100
114 32.3 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

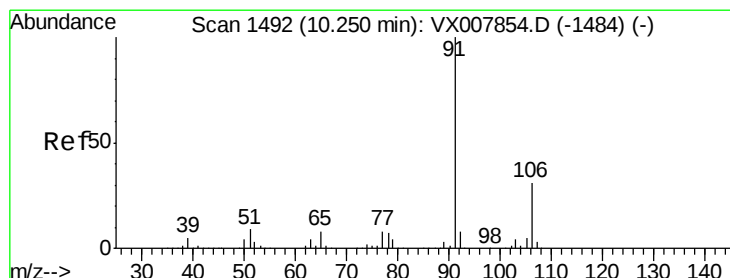
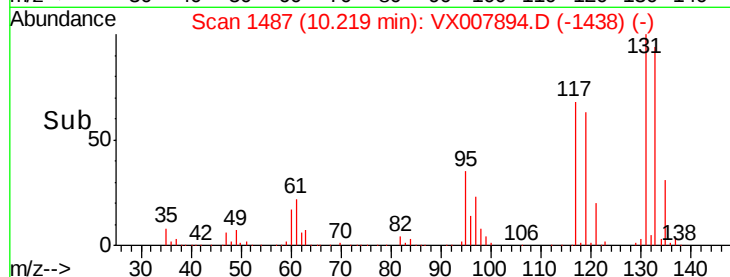
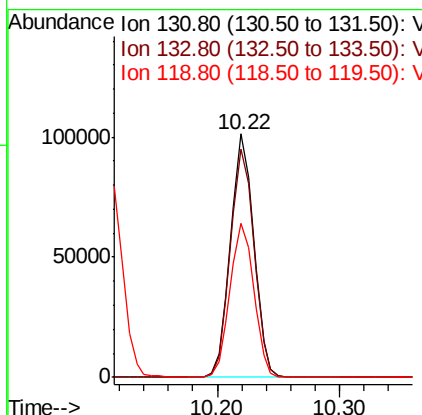
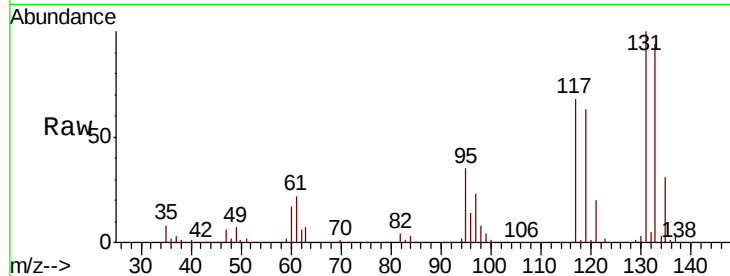




#66
 1,1,1,2-Tetrachloroethane
 Concen: 51.176 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX007894.D
 Acq: 07 Mar 2019 19:51

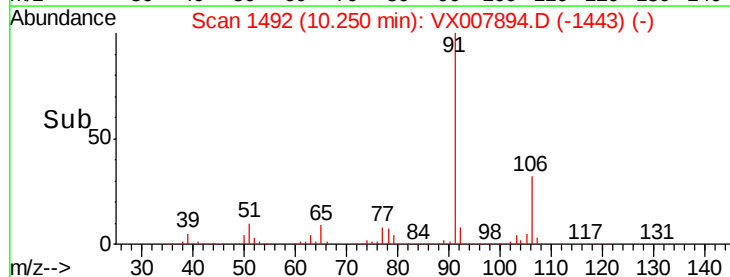
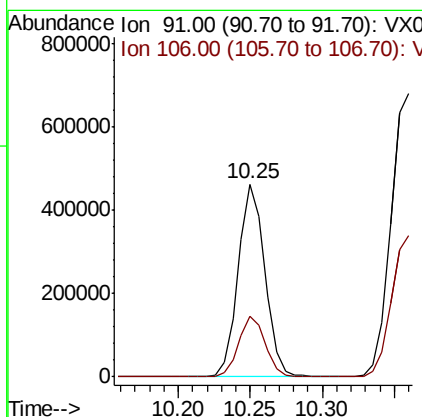
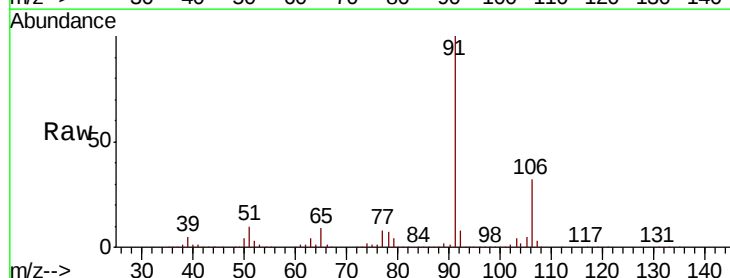
Instrument :
 MSVOA_X
 ClientSampleId :
 SW-2MS

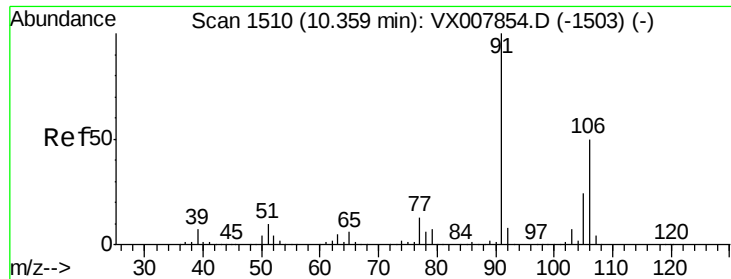
Tgt Ion: 131 Resp: 133404
 Ion Ratio Lower Upper
 131 100
 133 95.5 47.8 143.3
 119 65.0 32.5 97.5



#67
 Ethyl Benzene
 Concen: 50.105 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX007894.D
 Acq: 07 Mar 2019 19:51

Tgt Ion: 91 Resp: 599891
 Ion Ratio Lower Upper
 91 100
 106 31.7 25.2 37.8

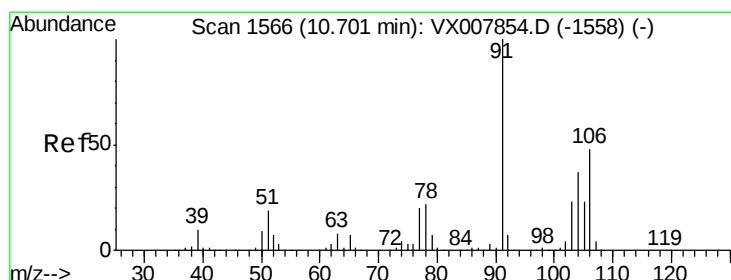
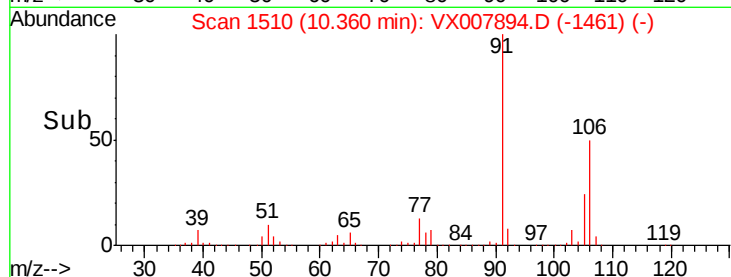
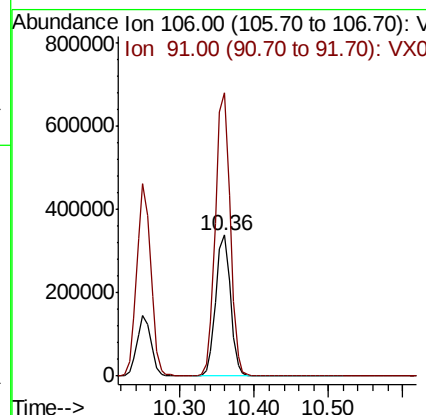
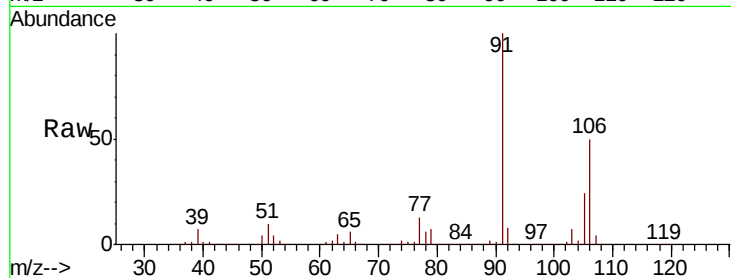




#68
m/p-Xylenes
Concen: 99.776 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

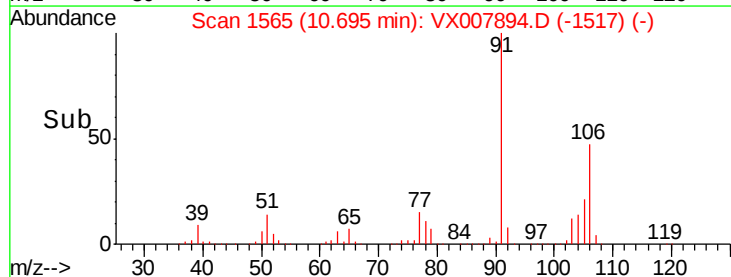
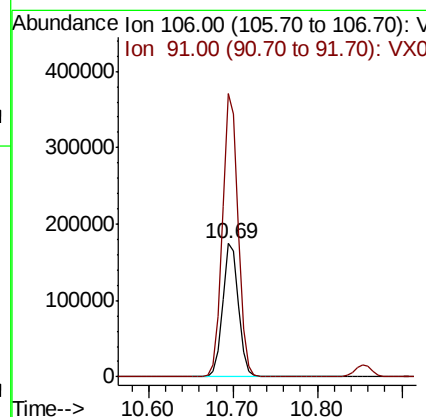
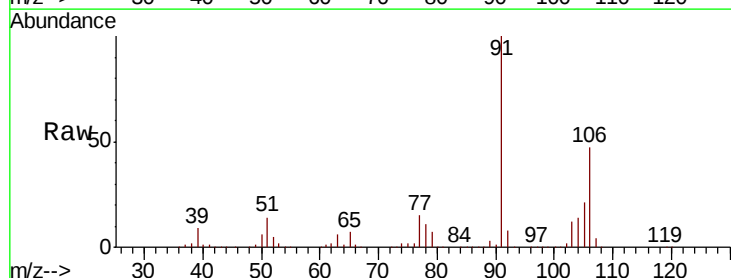
Instrument :
MSVOA_X
ClientSampleId :
SW-2MS

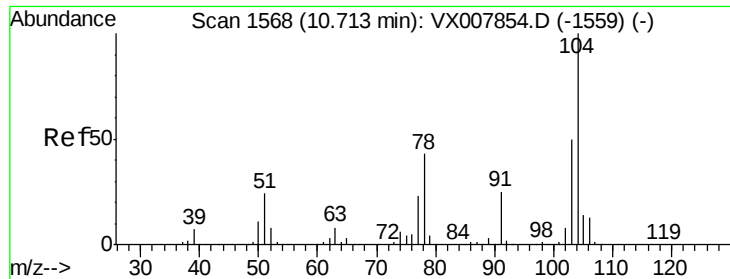
Tgt Ion:106 Resp: 460459
Ion Ratio Lower Upper
106 100
91 201.8 159.8 239.6



#69
o-Xylene
Concen: 50.997 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Tgt Ion:106 Resp: 227213
Ion Ratio Lower Upper
106 100
91 210.9 106.3 318.9





#70

Styrene

Concen: 50.686 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

SW-2MS

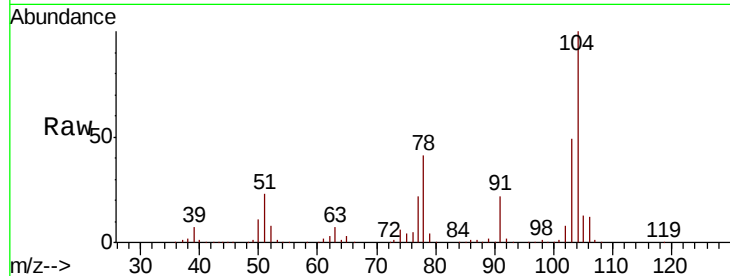
Tgt Ion:104 Resp: 369544

Ion Ratio Lower Upper

104 100

78 48.3 38.5 57.7

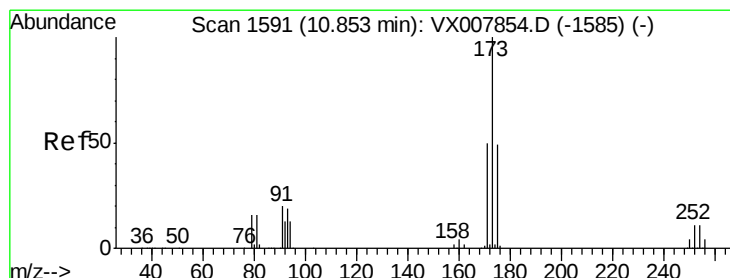
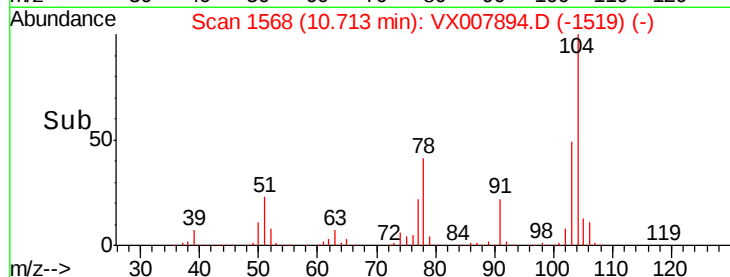
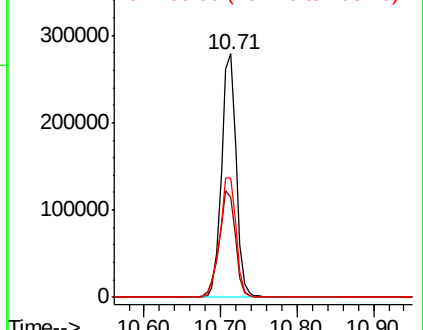
103 54.8 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 52.084 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

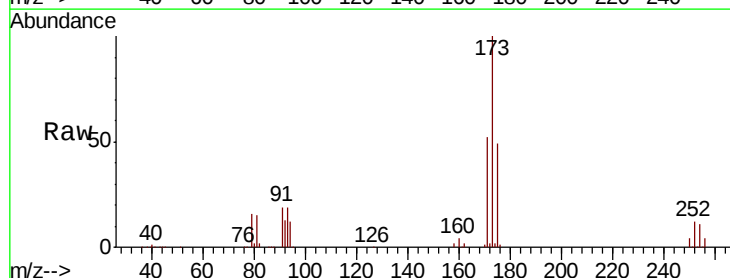
Tgt Ion:173 Resp: 116598

Ion Ratio Lower Upper

173 100

175 49.3 24.3 72.9

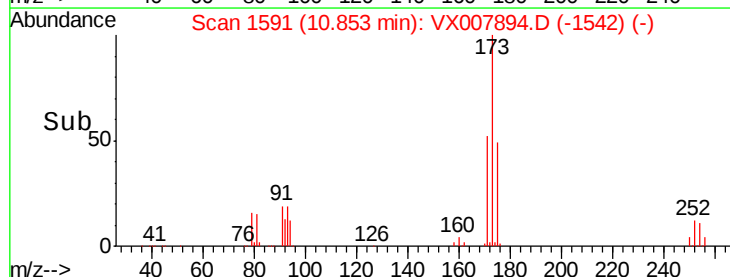
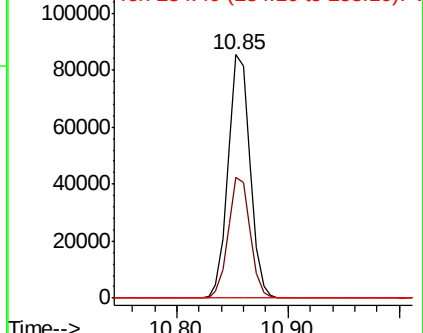
254 0.2 0.1 0.1#

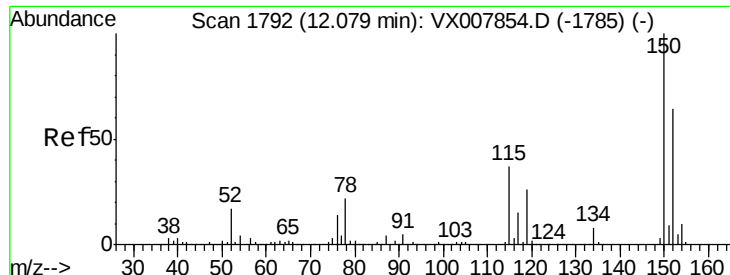


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

SW-2MS

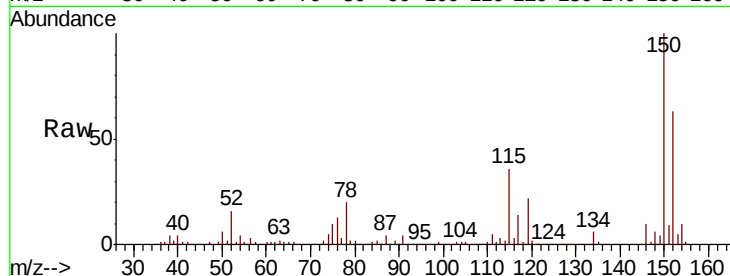
Tgt Ion:152 Resp: 173190

Ion Ratio Lower Upper

152 100

115 77.2 38.6 115.7

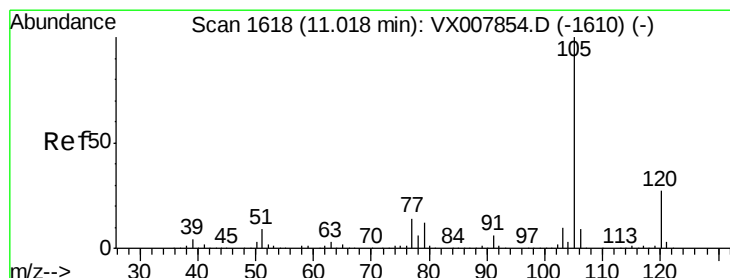
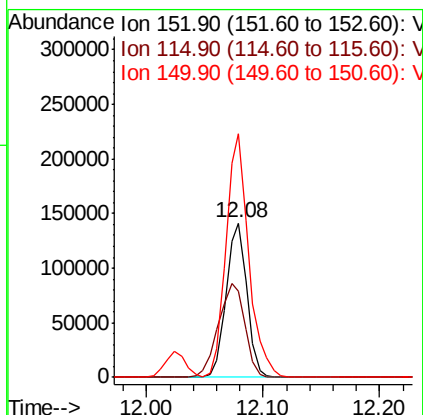
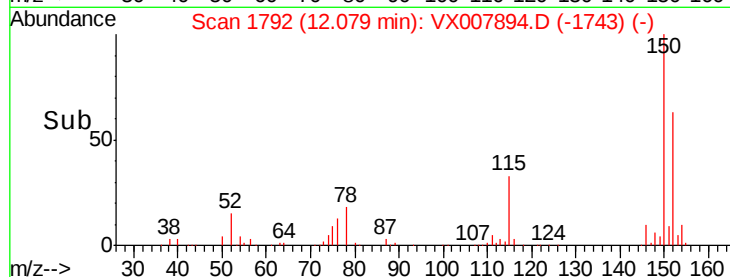
150 173.0 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 51.100 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007894.D

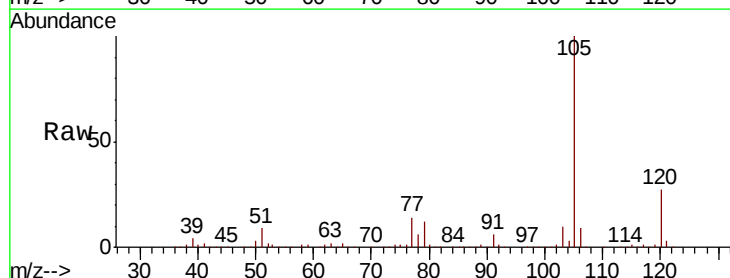
Acq: 07 Mar 2019 19:51

Tgt Ion:105 Resp: 598541

Ion Ratio Lower Upper

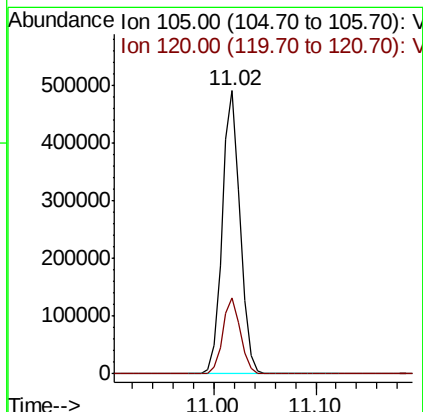
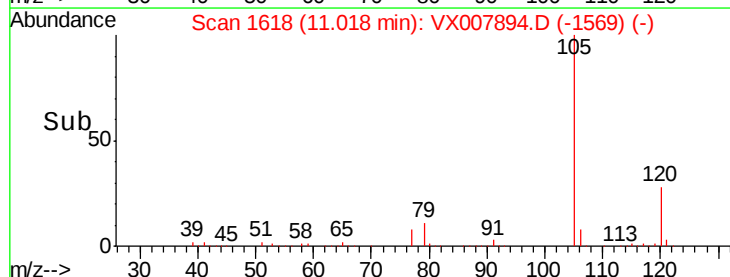
105 100

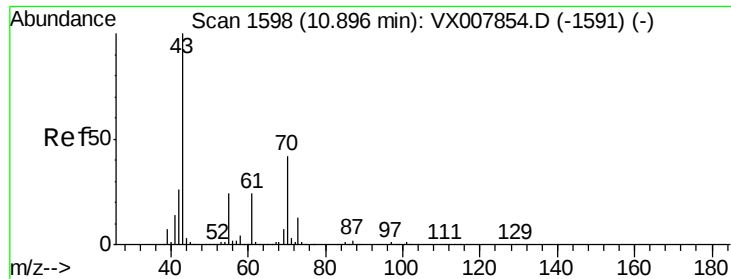
120 26.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 46.021 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

SW-2MS

Tgt Ion: 43 Resp: 246088

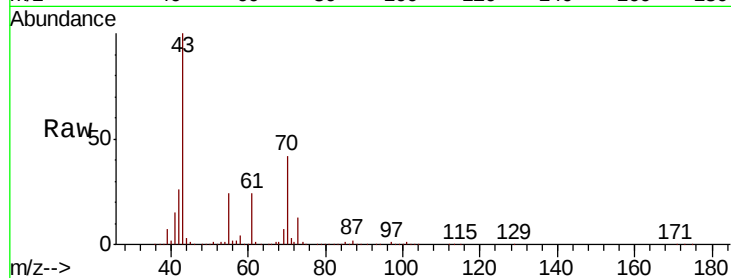
Ion Ratio Lower Upper

43 100

70 42.2 33.5 50.3

55 24.5 19.2 28.8

61 24.3 19.0 28.6

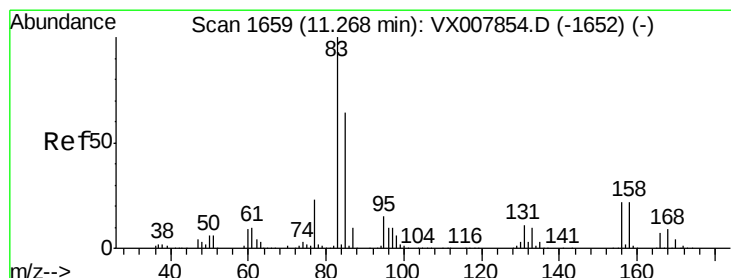
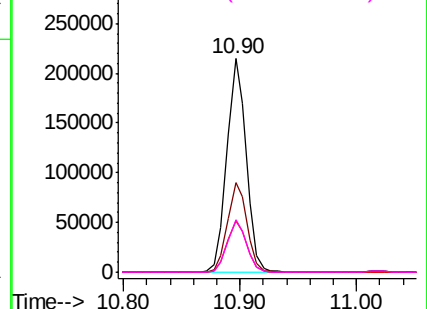
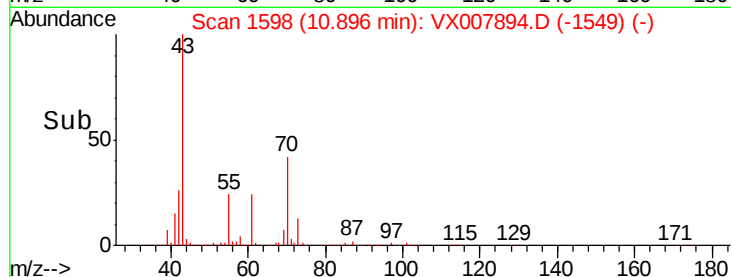


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.980 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

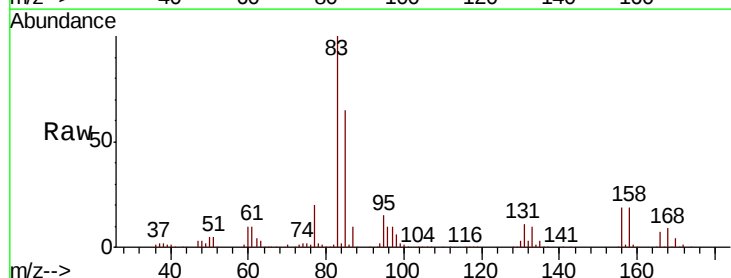
Tgt Ion: 83 Resp: 197892

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

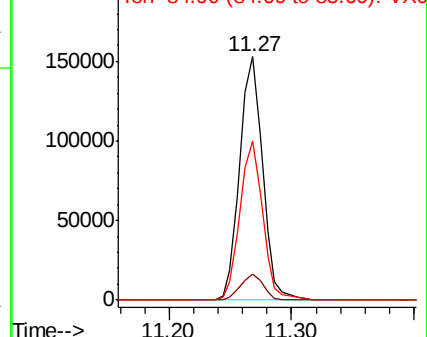
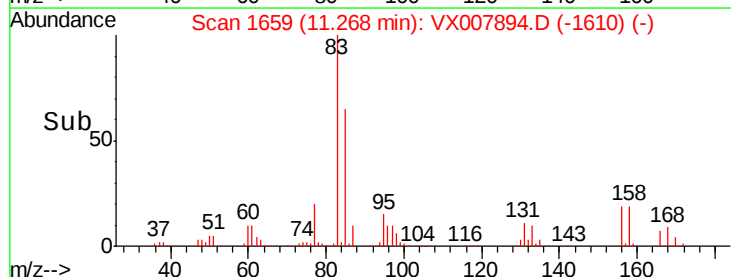
85 64.9 32.3 96.8

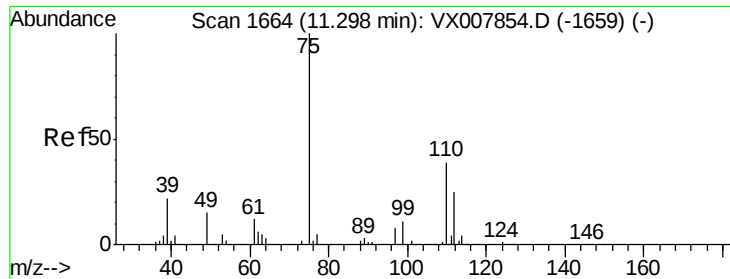


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 62.977 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

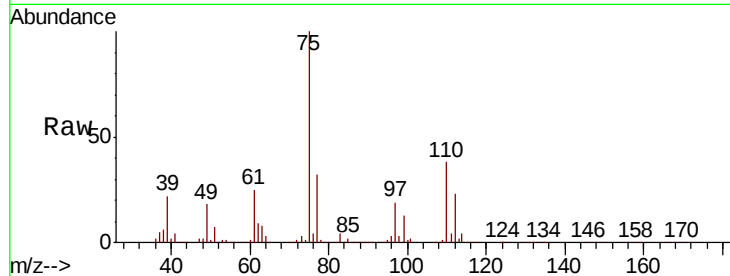
SW-2MS

Tgt Ion: 75 Resp: 228876

Ion Ratio Lower Upper

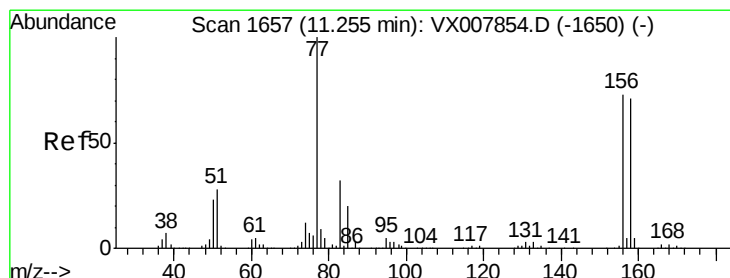
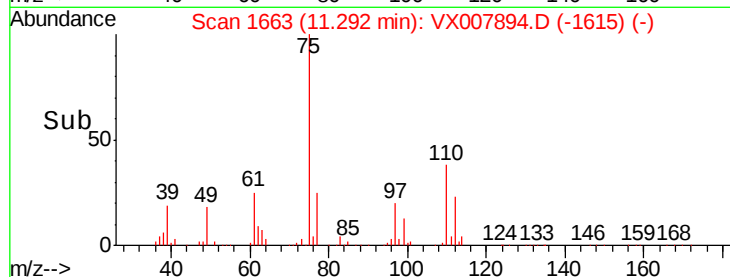
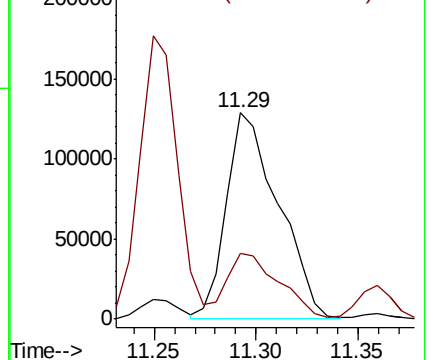
75 100

77 32.5 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 49.424 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

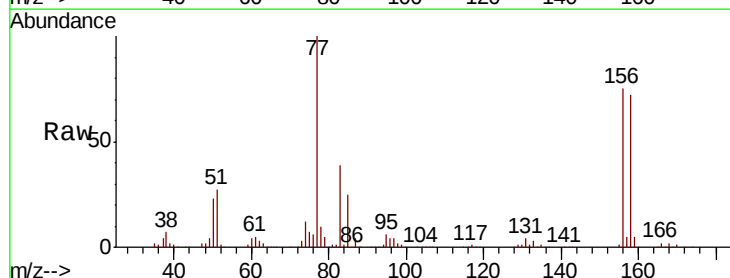
Tgt Ion: 156 Resp: 158715

Ion Ratio Lower Upper

156 100

77 143.3 72.0 215.9

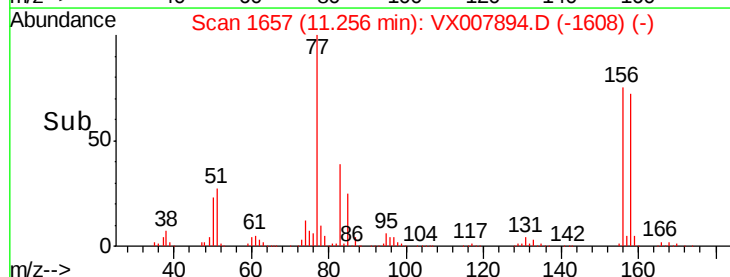
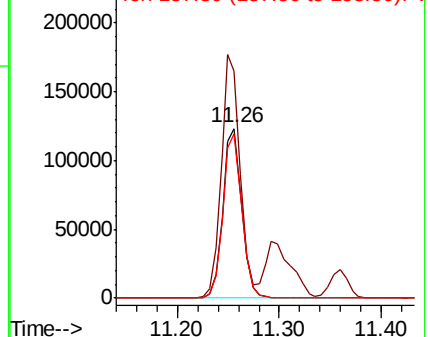
158 97.4 48.6 145.9

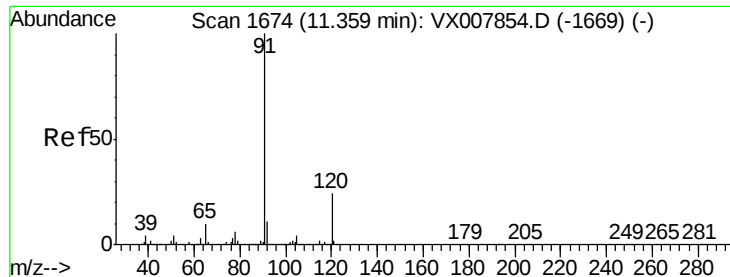


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

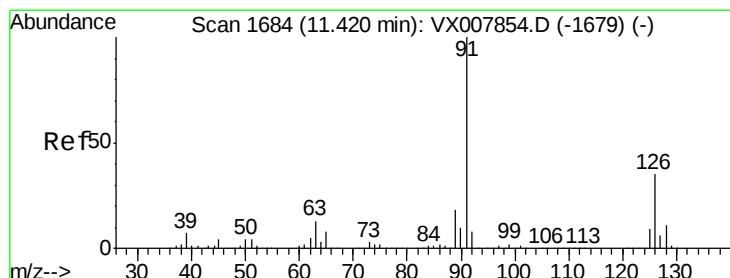
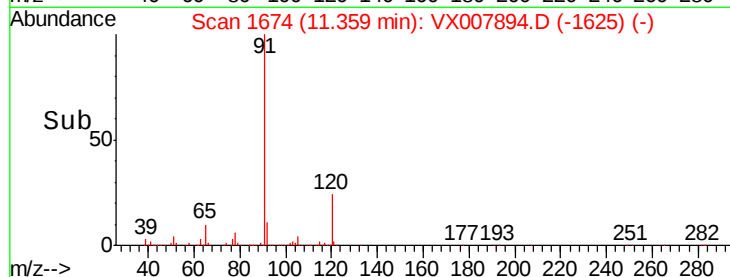
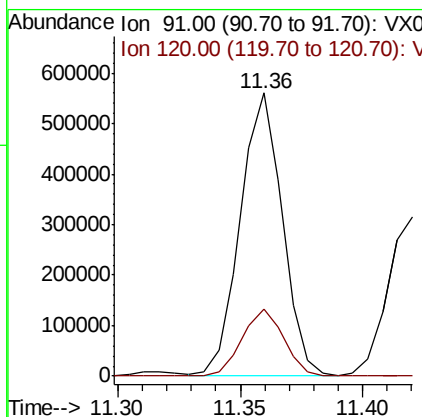
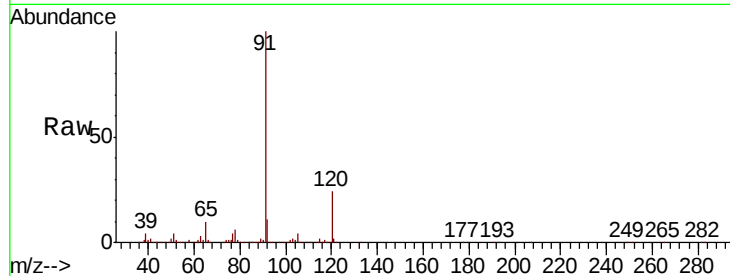




#78
n-propylbenzene
Concen: 51.259 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

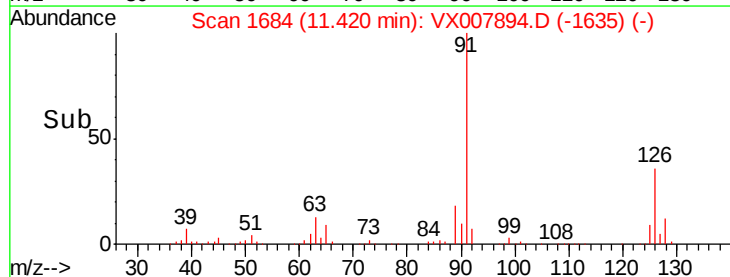
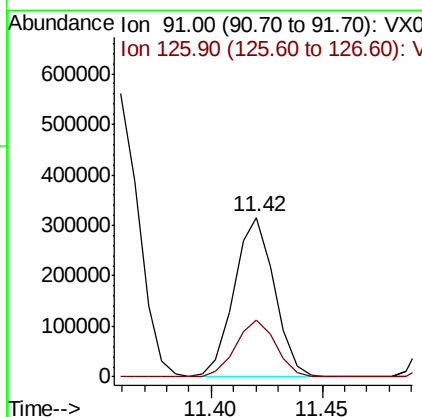
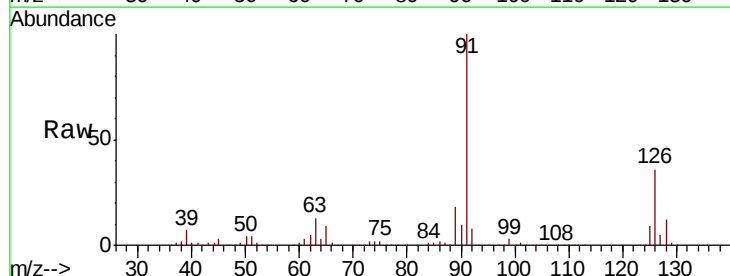
Instrument :
MSVOA_X
ClientSampleId :
SW-2MS

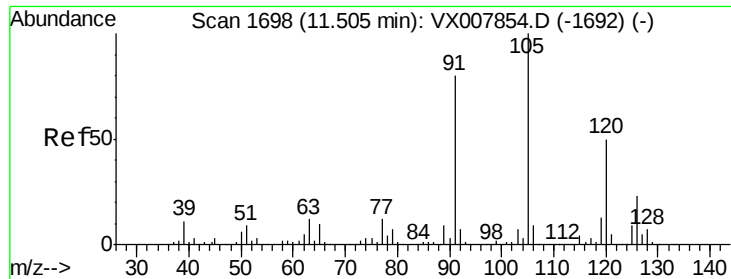
Tgt Ion: 91 Resp: 666079
Ion Ratio Lower Upper
91 100
120 23.9 12.0 36.0



#79
2-Chlorotoluene
Concen: 49.859 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Tgt Ion: 91 Resp: 396135
Ion Ratio Lower Upper
91 100
126 35.5 17.5 52.6

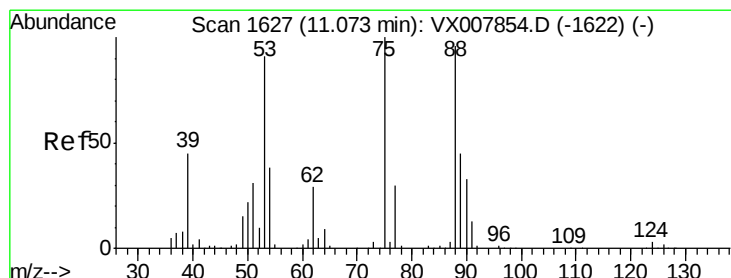
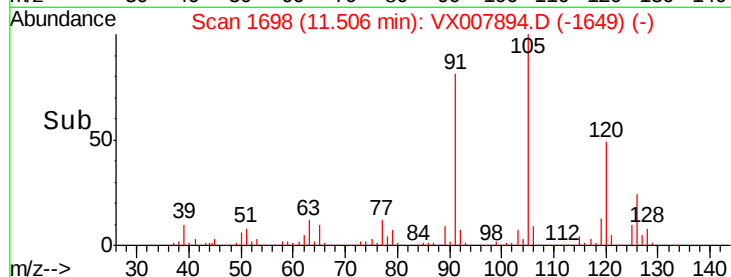
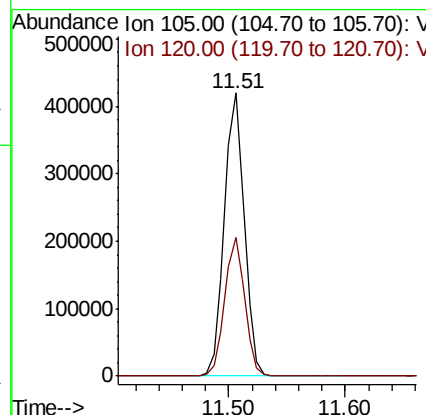
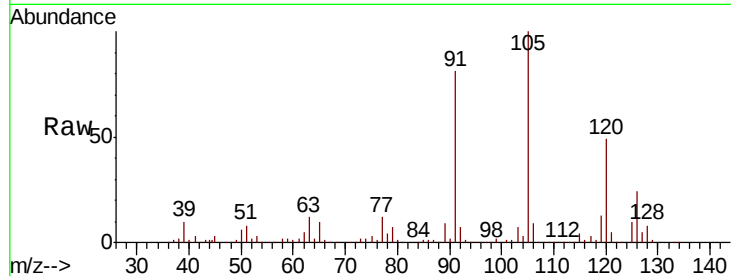




#80
 1,3,5-Trimethylbenzene
 Concen: 51.380 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007894.D
 Acq: 07 Mar 2019 19:51

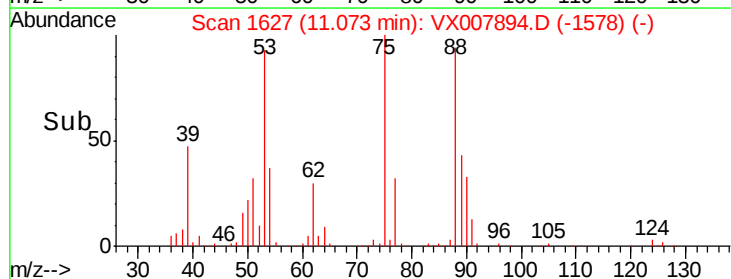
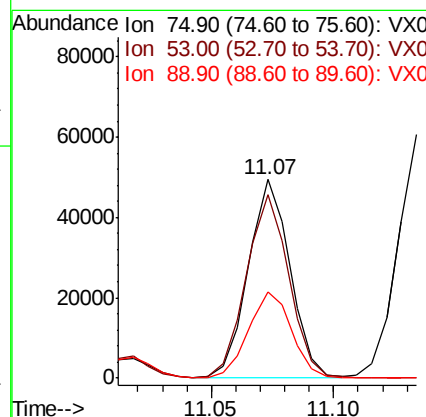
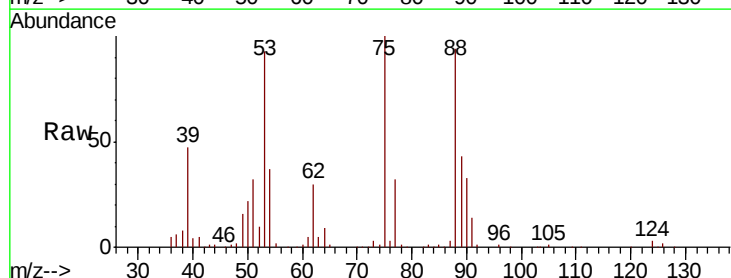
Instrument :
 MSVOA_X
 ClientSampled :
 SW-2MS

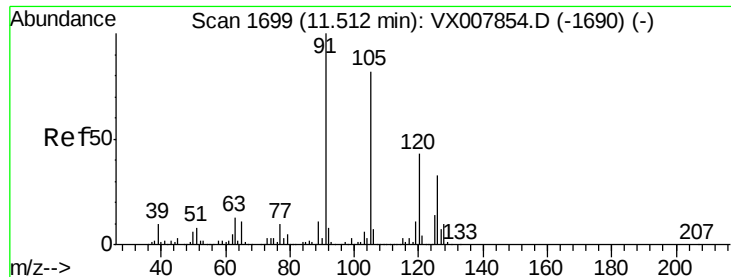
Tgt Ion: 105 Resp: 495325
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.508 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX007894.D
 Acq: 07 Mar 2019 19:51

Tgt Ion: 75 Resp: 58562
 Ion Ratio Lower Upper
 75 100
 53 94.7 76.1 114.1
 89 45.2 36.3 54.5

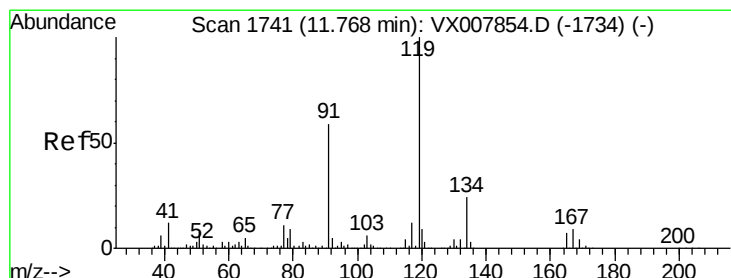
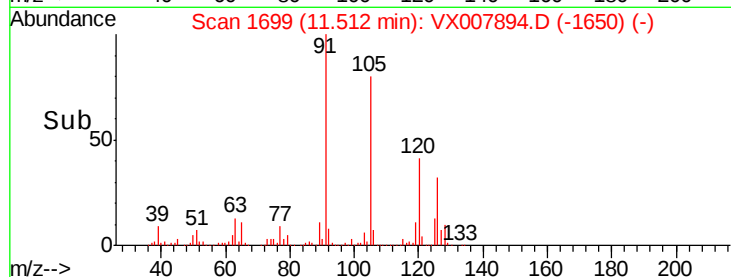
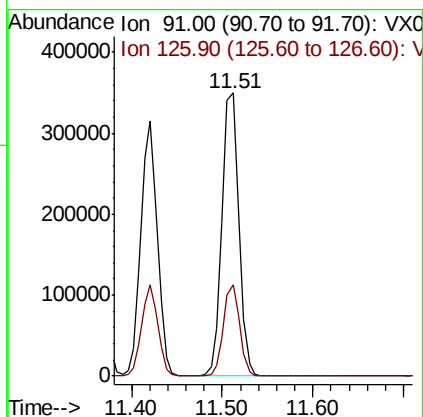
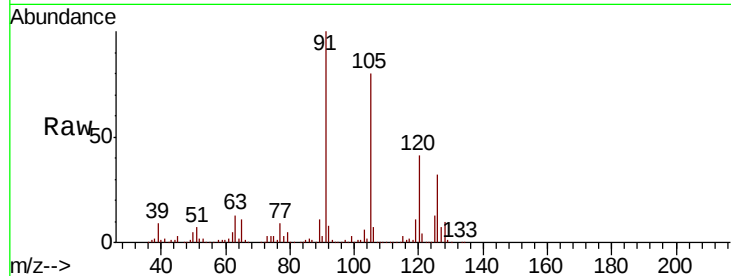




#82
4-Chlorotoluene
Concen: 50.340 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

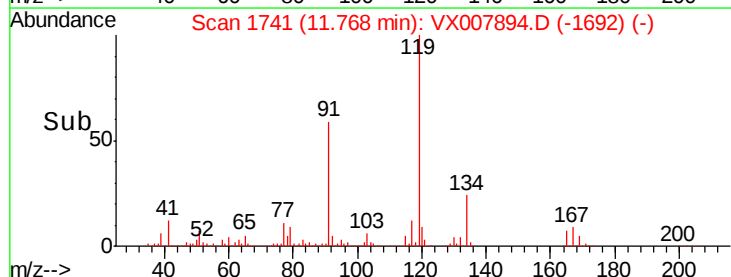
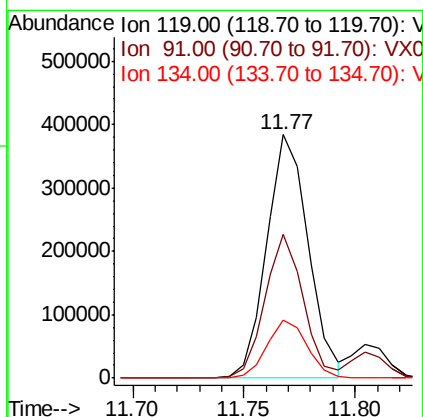
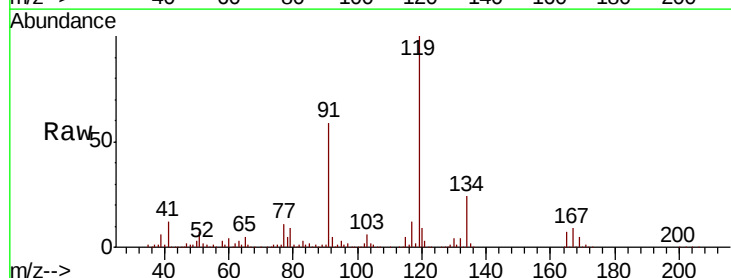
Instrument :
MSVOA_X
ClientSampleId :
SW-2MS

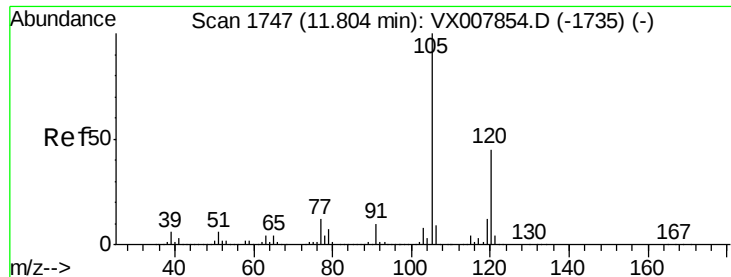
Tgt Ion: 91 Resp: 458342
Ion Ratio Lower Upper
91 100
126 30.9 15.6 46.8



#83
tert-Butylbenzene
Concen: 51.222 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Tgt Ion: 119 Resp: 497410
Ion Ratio Lower Upper
119 100
91 54.7 27.1 81.3
134 23.0 11.4 34.1

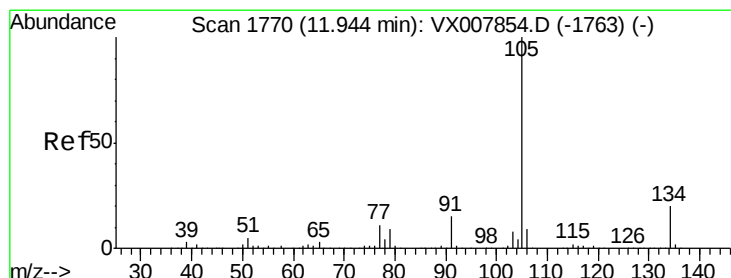
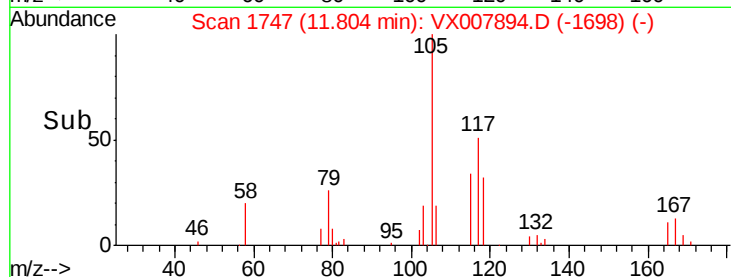
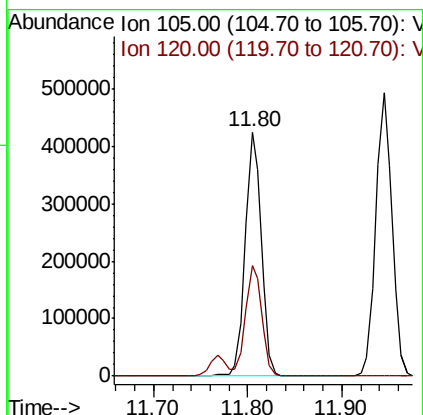
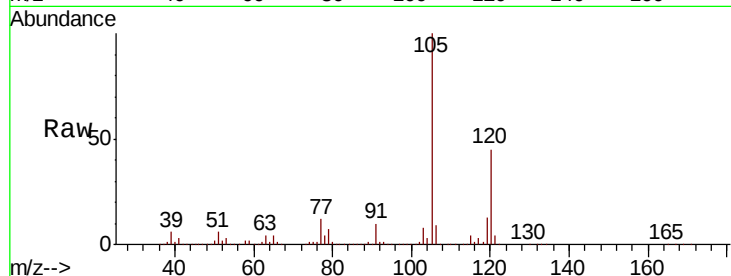




#84
 1,2,4-Trimethylbenzene
 Concen: 50.965 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007894.D
 Acq: 07 Mar 2019 19:51

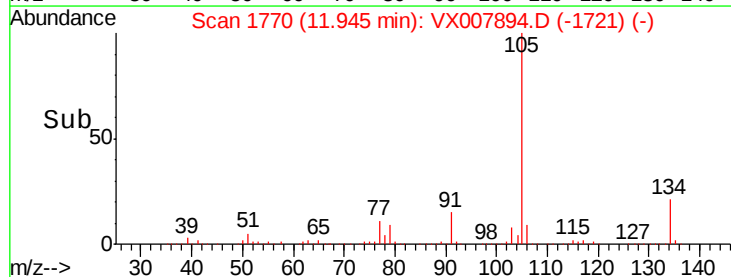
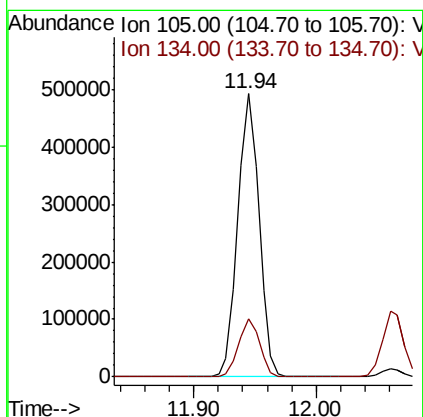
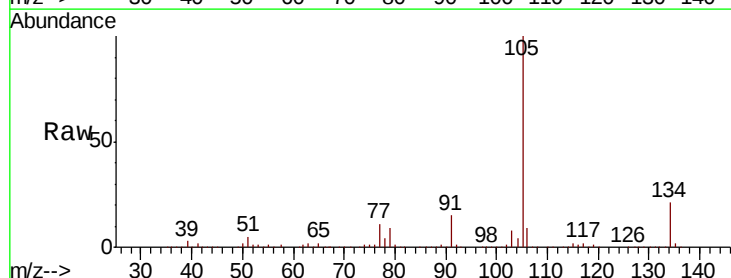
Instrument :
 MSVOA_X
 ClientSampleId :
 SW-2MS

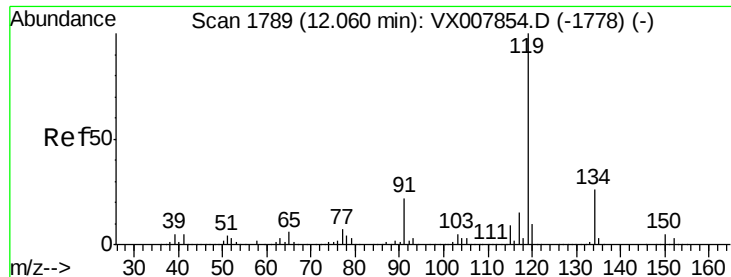
Tgt Ion:105 Resp: 503674
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.6 67.7



#85
 sec-Butylbenzene
 Concen: 51.507 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX007894.D
 Acq: 07 Mar 2019 19:51

Tgt Ion:105 Resp: 589092
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.2

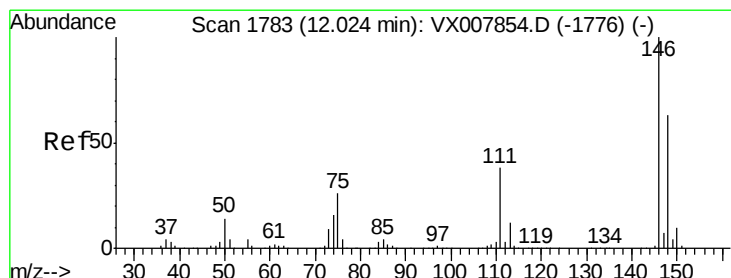
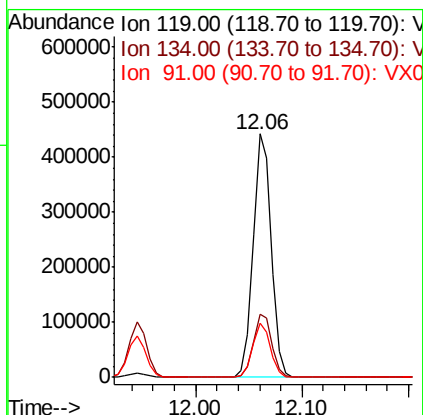
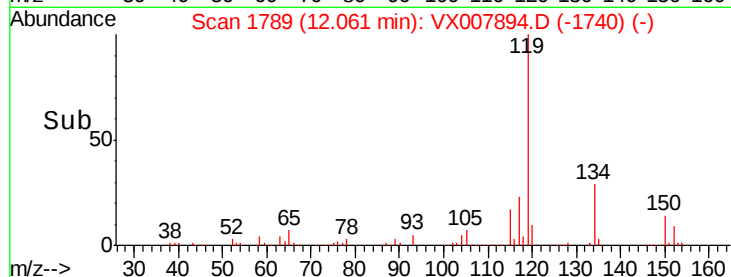
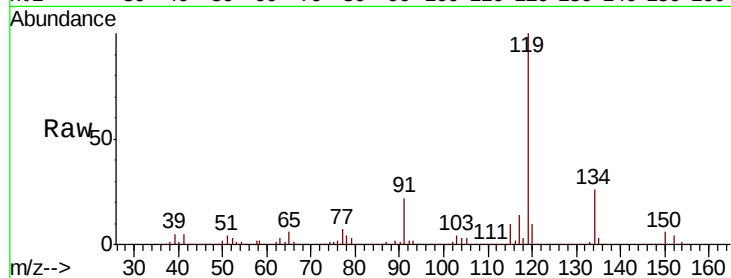




#86
p-Isopropyltoluene
Concen: 51.474 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

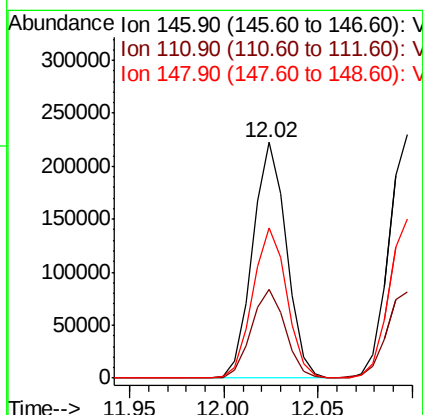
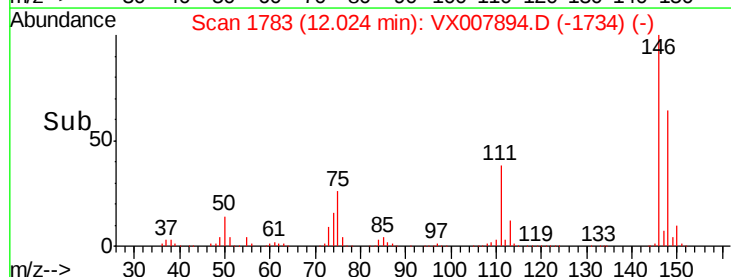
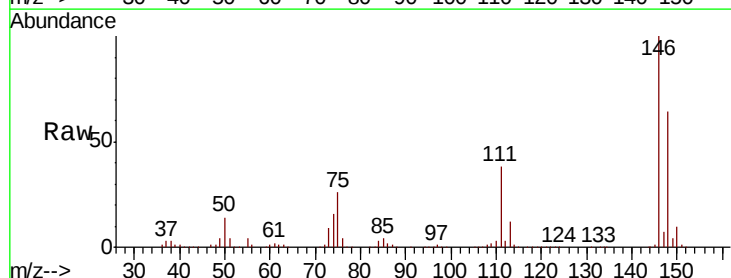
Instrument :
MSVOA_X
ClientSampleId :
SW-2MS

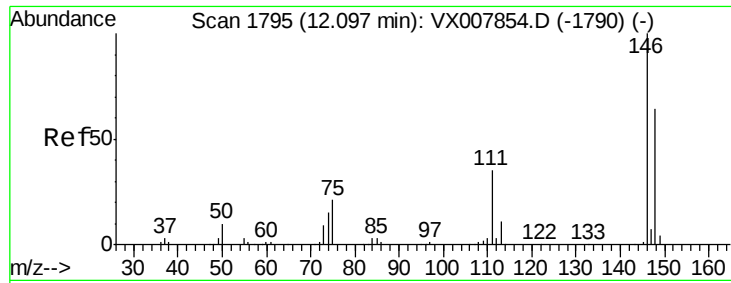
Tgt Ion:119 Resp: 527234
Ion Ratio Lower Upper
119 100
134 26.4 13.3 39.9
91 21.9 10.9 32.7



#87
1,3-Dichlorobenzene
Concen: 48.675 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Tgt Ion:146 Resp: 276539
Ion Ratio Lower Upper
146 100
111 37.8 18.9 56.7
148 64.2 31.7 95.1

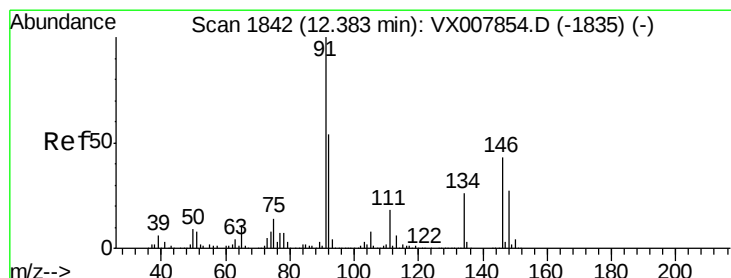
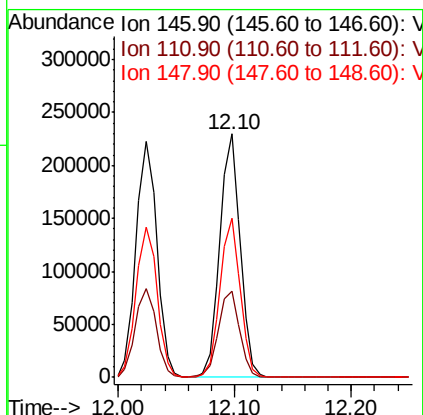
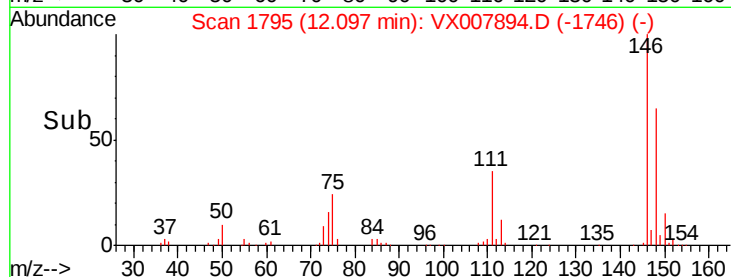
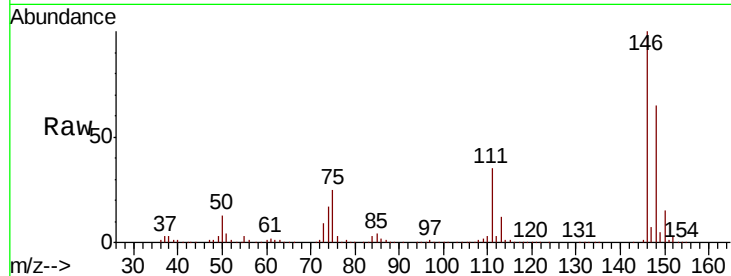




#88
 1,4-Dichlorobenzene
 Concen: 47.612 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007894.D
 Acq: 07 Mar 2019 19:51

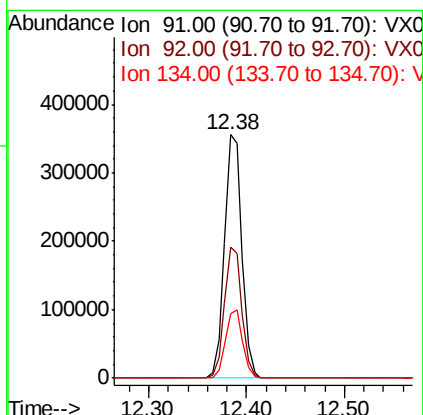
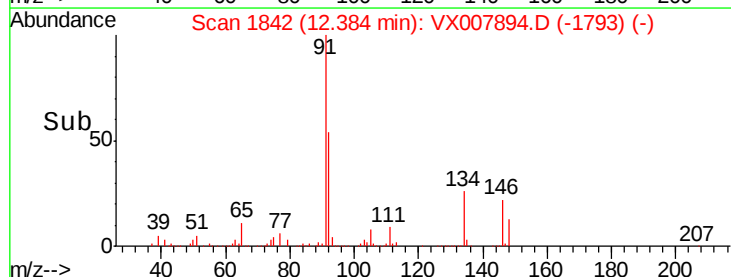
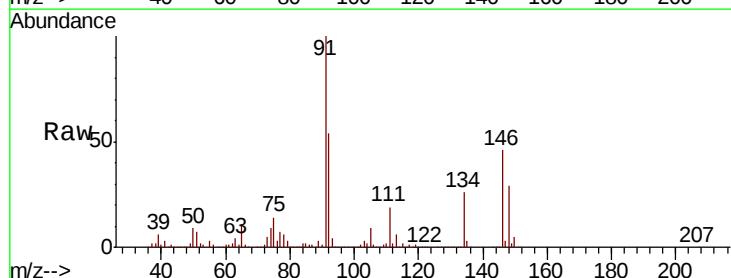
Instrument :
 MSVOA_X
 ClientSampled :
 SW-2MS

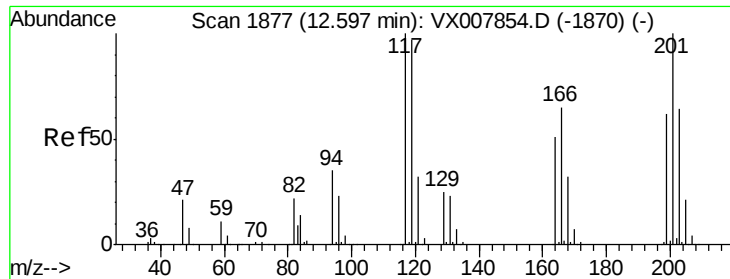
Tgt Ion: 146 Resp: 277015
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.4 55.0
 148 64.7 32.2 96.6



#89
 n-Butylbenzene
 Concen: 50.415 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX007894.D
 Acq: 07 Mar 2019 19:51

Tgt Ion: 91 Resp: 437488
 Ion Ratio Lower Upper
 91 100
 92 53.6 27.0 80.8
 134 27.4 13.7 41.0

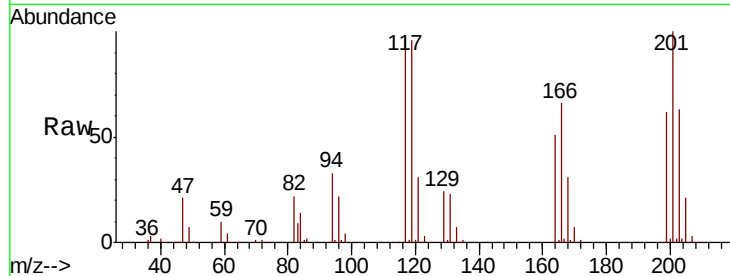




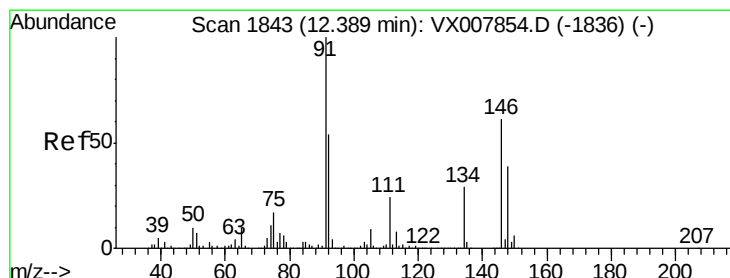
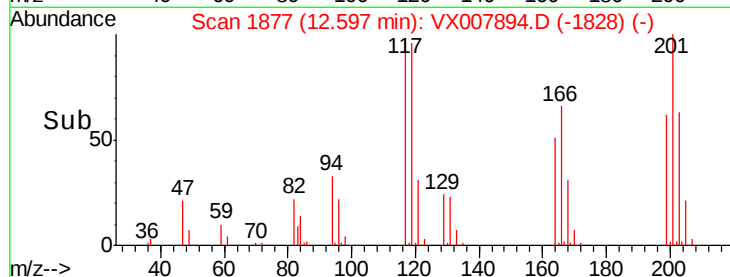
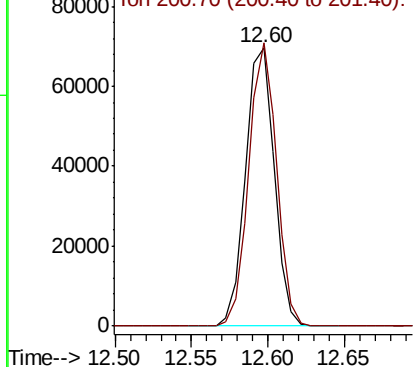
#90
Hexachloroethane
Concen: 53.278 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Instrument :
MSVOA_X
ClientSampled :
SW-2MS

Tgt Ion:117 Resp: 91241
Ion Ratio Lower Upper
117 100
201 97.8 48.9 146.7

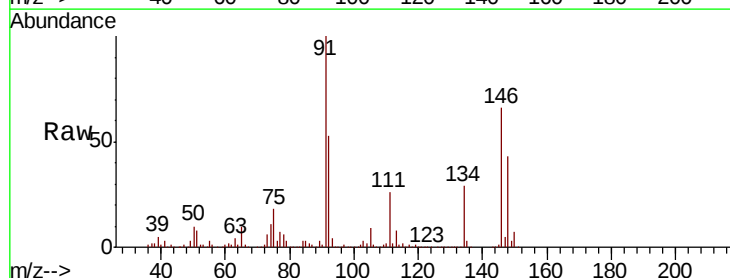


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

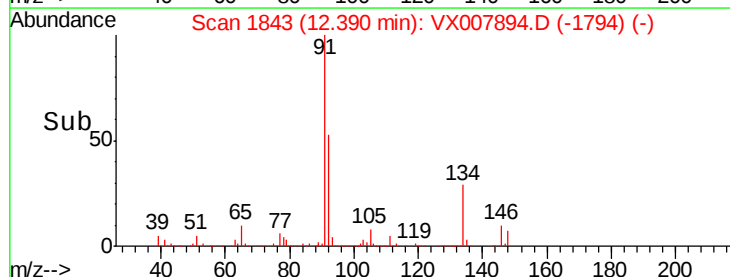
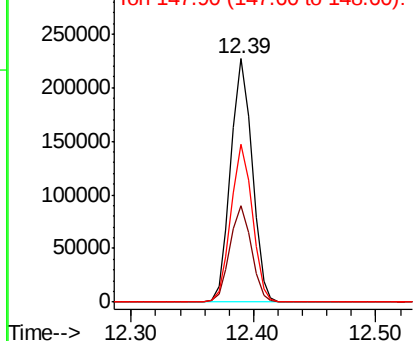


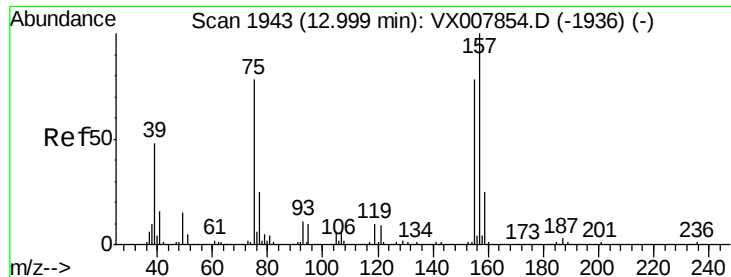
#91
1,2-Dichlorobenzene
Concen: 48.894 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Tgt Ion:146 Resp: 275953
Ion Ratio Lower Upper
146 100
111 39.3 19.6 58.8
148 64.2 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.398 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

Instrument :

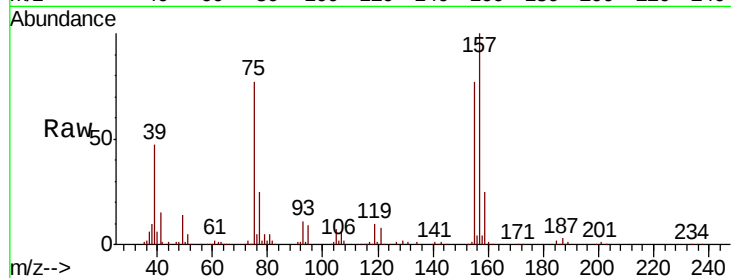
MSVOA_X

ClientSampleId :

SW-2MS

Tgt Ion: 75 Resp: 42555

Ion	Ratio	Lower	Upper
75	100		
155	99.6	49.7	149.1
157	129.4	63.8	191.4

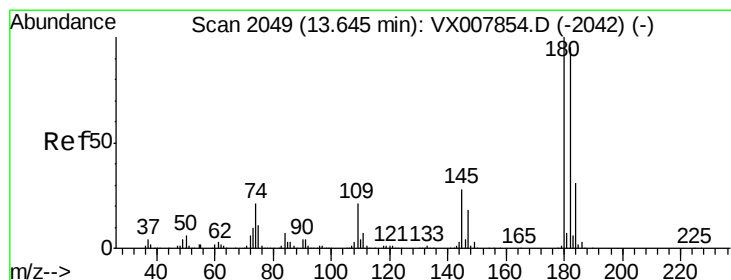
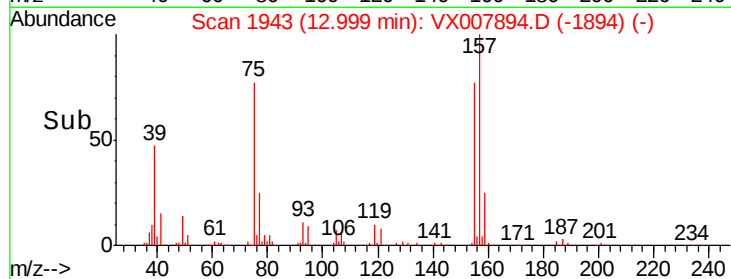
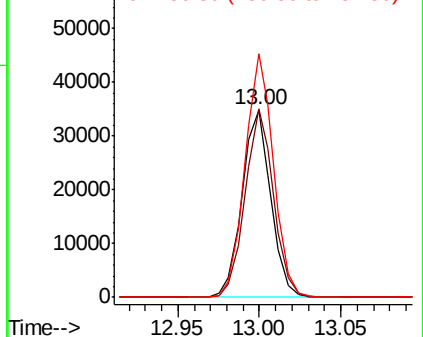


Abundance

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: 48.488 ug/l

RT: 13.65 min Scan# 2049

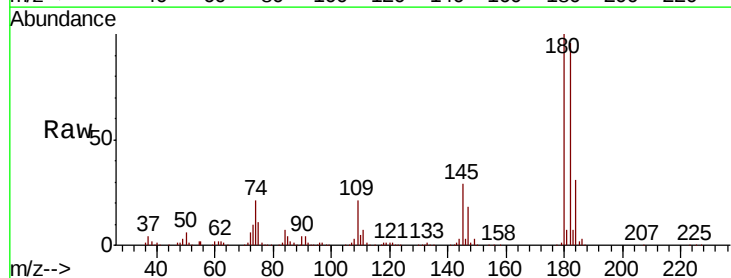
Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

Tgt Ion: 180 Resp: 192247

Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.9	143.7
145	28.8	14.1	42.4

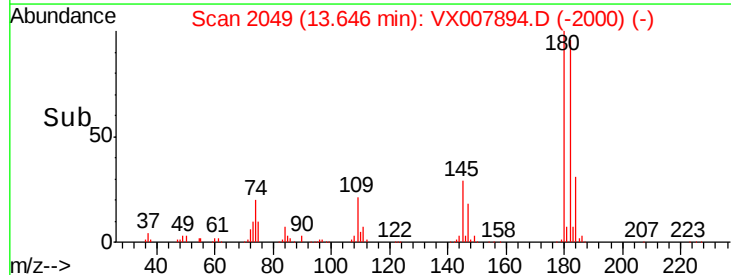
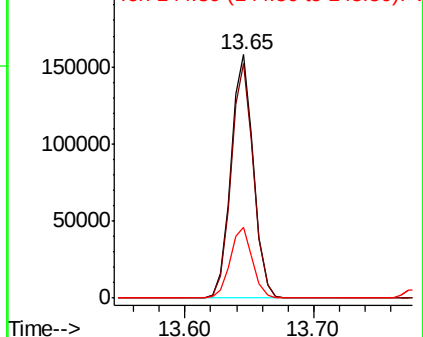


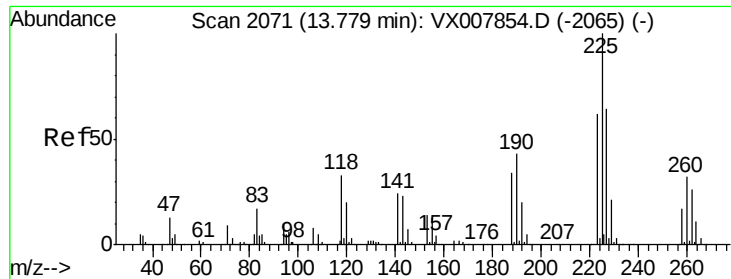
Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 48.809 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

SW-2MS

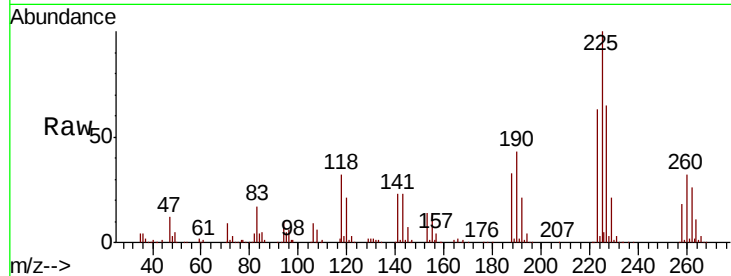
Tgt Ion:225 Resp: 101177

Ion Ratio Lower Upper

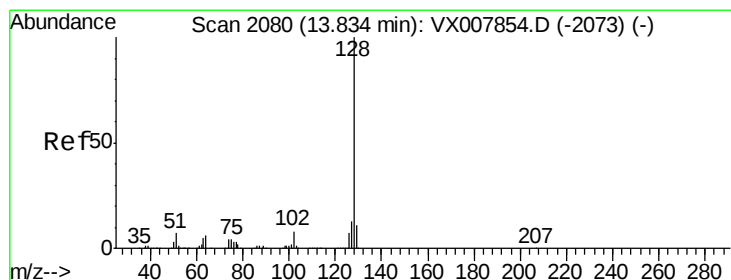
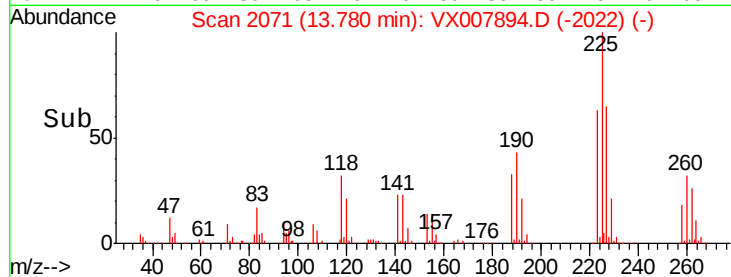
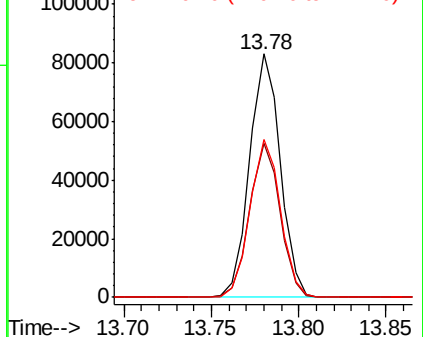
225 100

223 63.2 31.1 93.2

227 64.5 32.0 96.0



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



#95

Naphthalene

Concen: 50.738 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

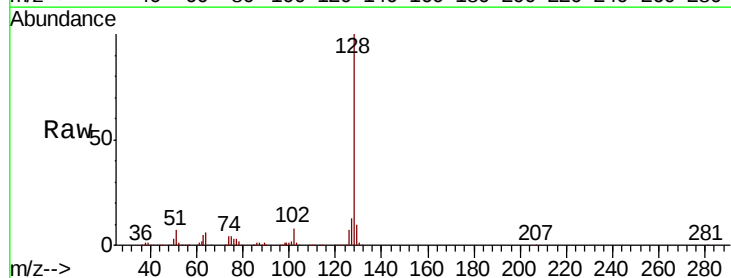
Tgt Ion:128 Resp: 579634

Ion Ratio Lower Upper

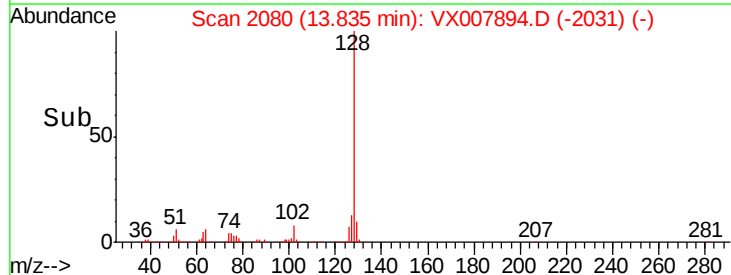
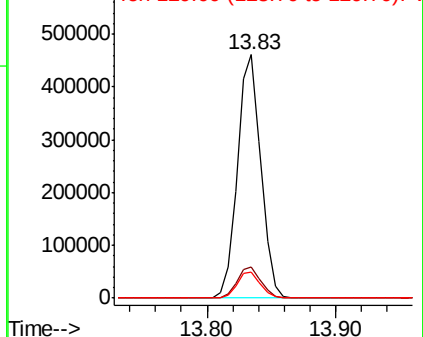
128 100

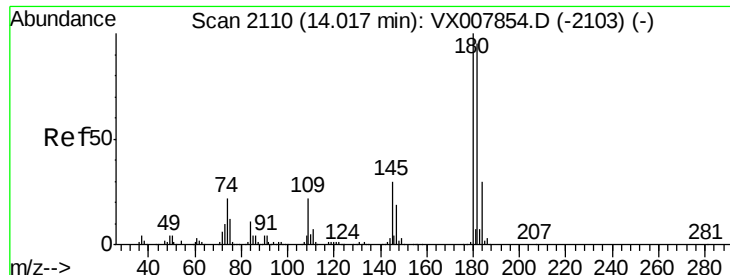
127 12.9 10.3 15.5

129 10.8 8.7 13.1



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

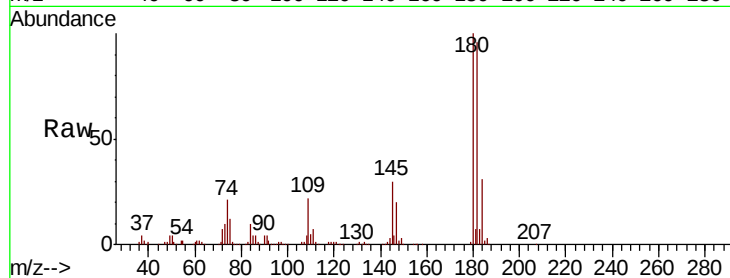




#96
 1,2,3-Trichlorobenzene
 Concen: 49.225 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX007894.D
 Acq: 07 Mar 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-2MS

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.5	142.5
145	29.7	14.8	44.3



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

