

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030719\
 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

Manual Integrations
 APPROVED

MMDadoda
 3/8/2019 9:40:47 AM

Quant Time: Mar 08 06:59:31 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	142916	50.46	ug/l	0.00
Spiked Amount			Recovery	=	100.92%	
35) Dibromofluoromethane	5.51	113	127318	50.35	ug/l	0.00
Spiked Amount			Recovery	=	100.70%	
50) Toluene-d8	8.71	98	472216	50.85	ug/l	0.00
Spiked Amount			Recovery	=	101.70%	
62) 4-Bromofluorobenzene	11.13	95	166550	51.15	ug/l	0.00
Spiked Amount			Recovery	=	102.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	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) Stvrene	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	191017m	52.560	ug/l	
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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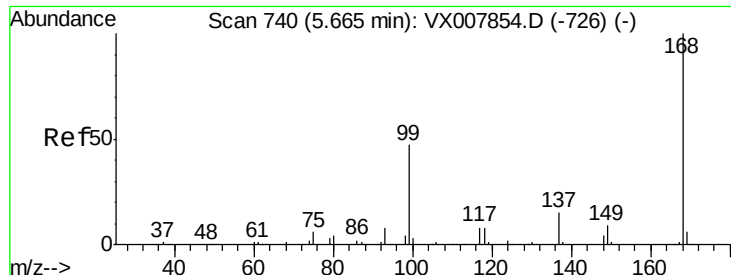
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QLast Update : Thu Mar 07 07:33:26 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	101177	48.809	ug/l	99
95) Naphthalene	13.83	128	579634	50.738	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	194421	49.225	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007894.D

Acq: 07 Mar 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

SW-2MS

Tot Ion:168 Resp: 268462

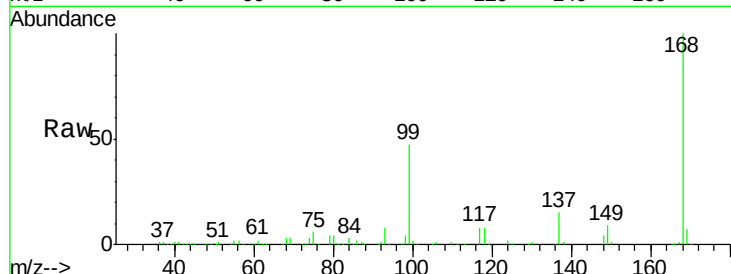
Ion Ratio Lower Upper

168 100

99 46.9 37.6 56.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

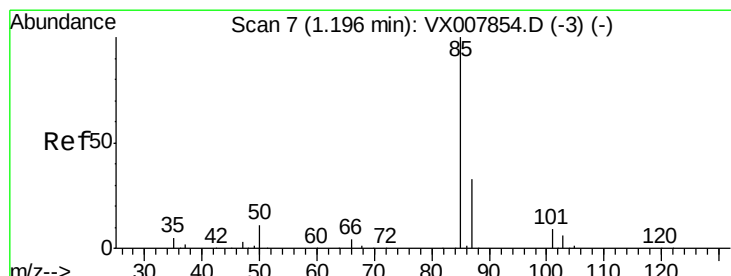
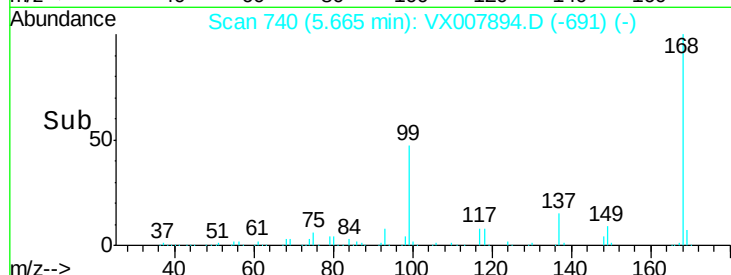
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 48.797 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007894.D

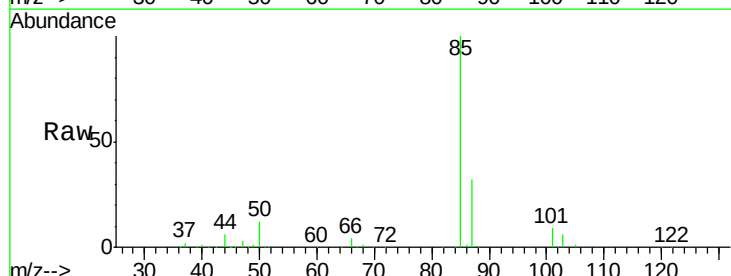
Acq: 07 Mar 2019 19:51

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

100000

80000

60000

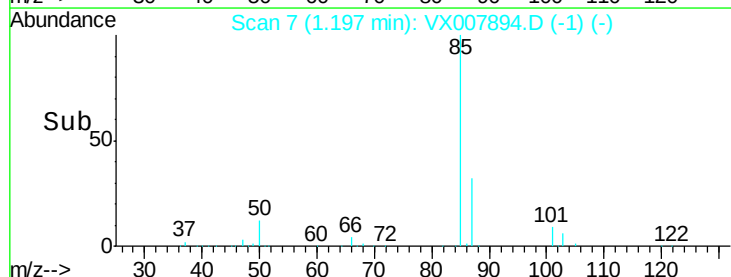
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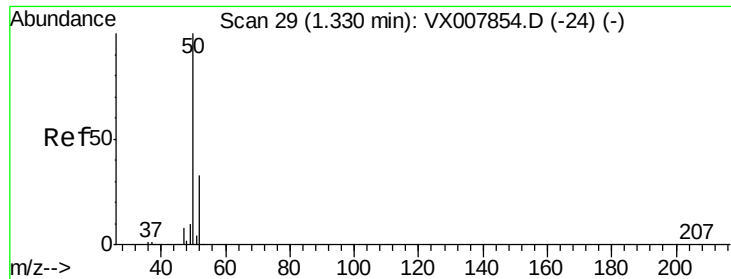
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1.15 1.20 1.25 1.30 1.35

Time-->





#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

Tot Ion: 50 Resp: 143502

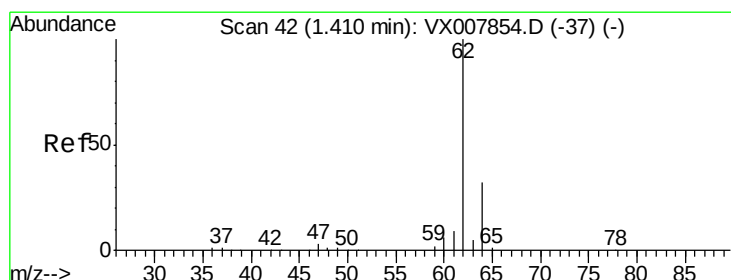
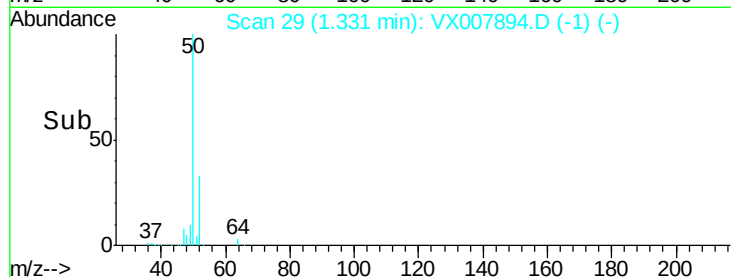
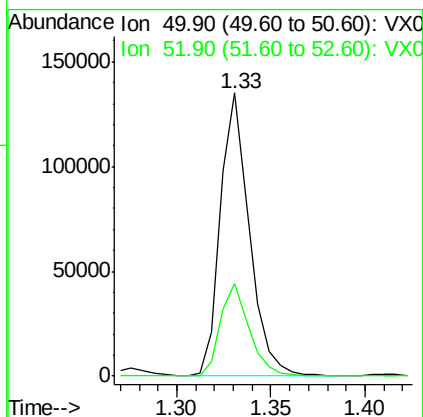
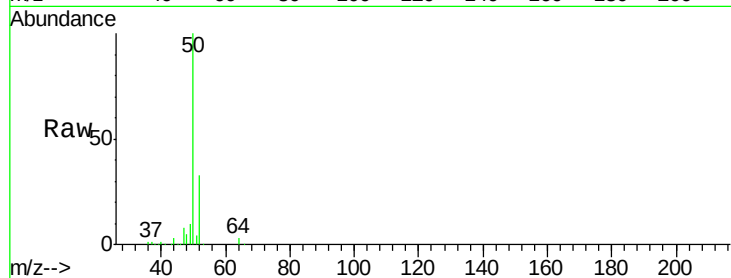
Ion Ratio Lower Upper

50 100

52 32.8 26.5 39.7

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#4

Vinyl Chloride

Concen: 49.937 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007894.D

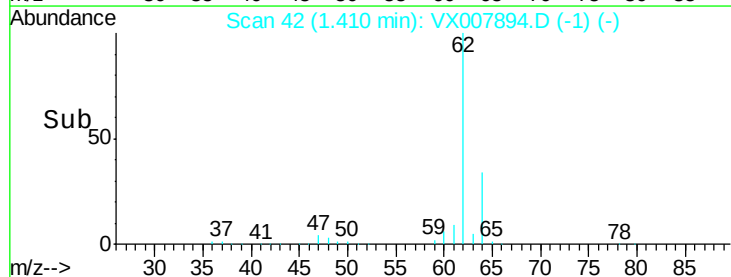
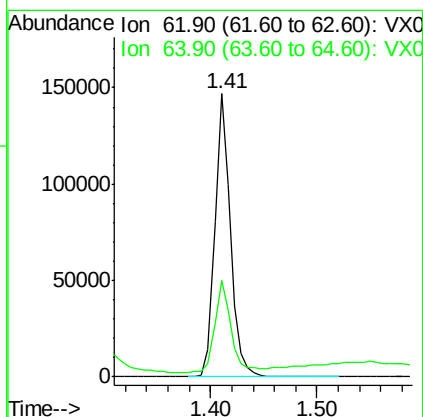
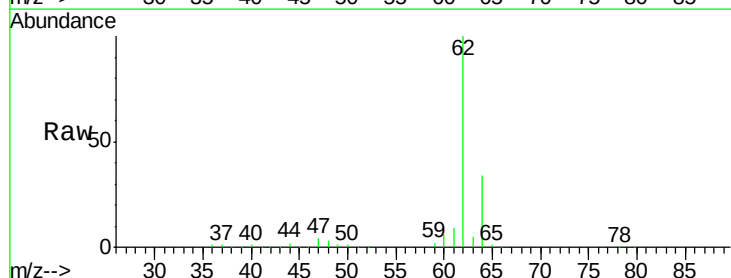
Acq: 07 Mar 2019 19:51

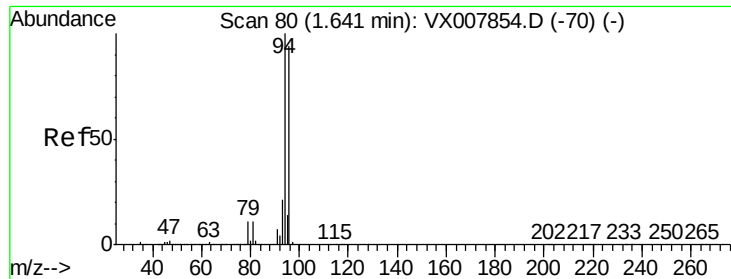
Tgt Ion: 62 Resp: 146661

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

Tot Ion: 94 Resp: 69123

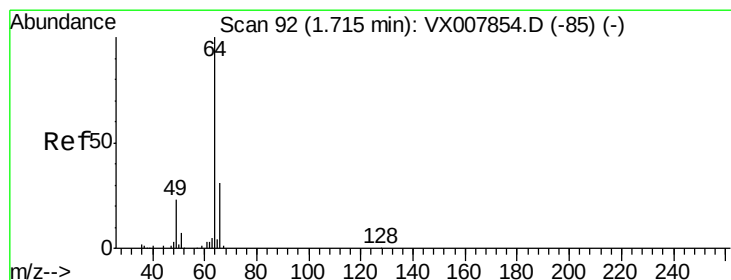
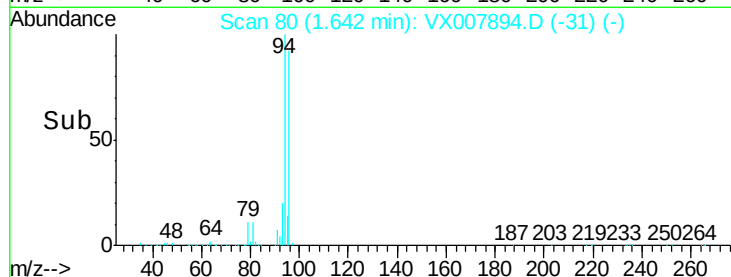
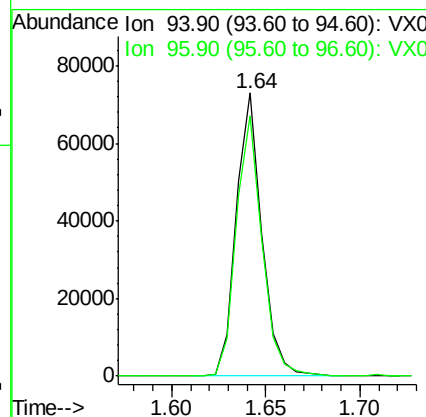
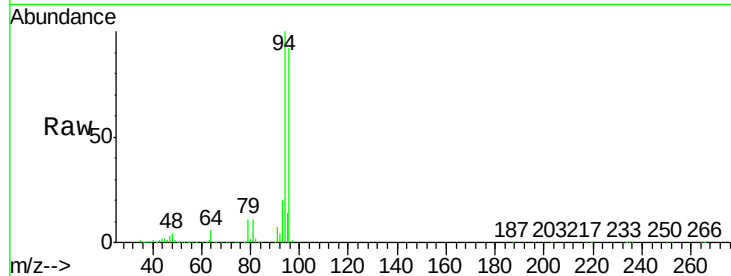
Ion Ratio Lower Upper

94 100

96 92.2 75.5 113.3

Manual Integrations
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#6

Chloroethane

Concen: 55.258 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007894.D

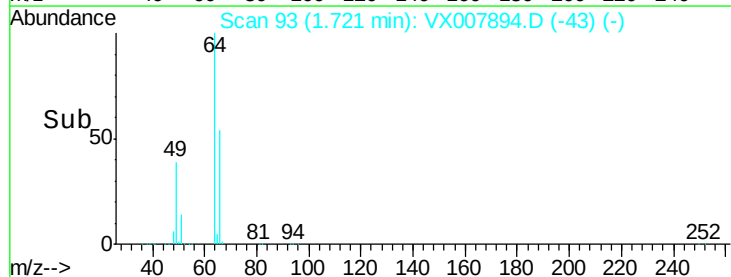
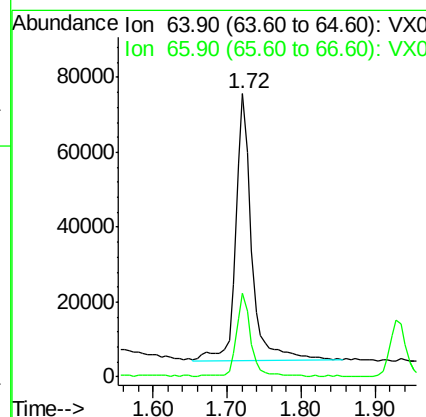
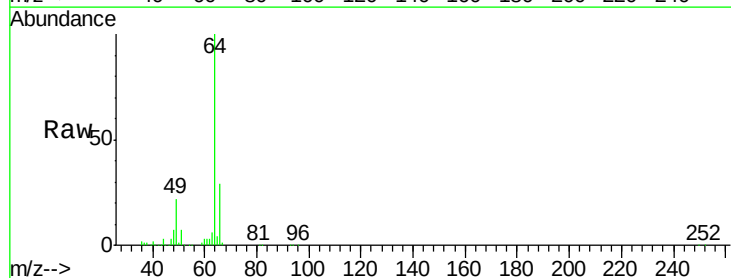
Acq: 07 Mar 2019 19:51

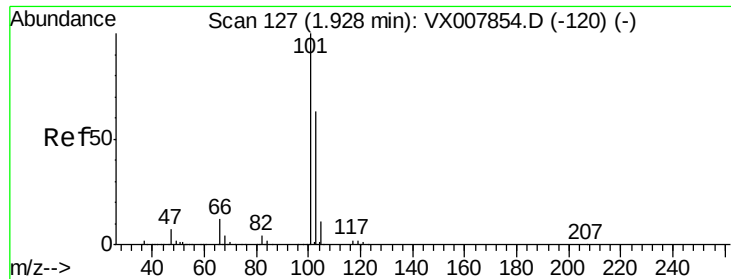
Tgt Ion: 64 Resp: 107813

Ion Ratio Lower Upper

64 100

66 30.9 25.2 37.8





#7

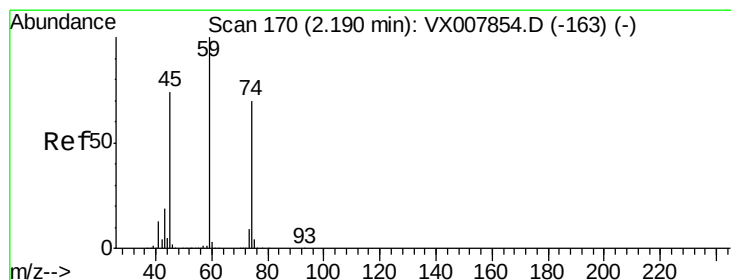
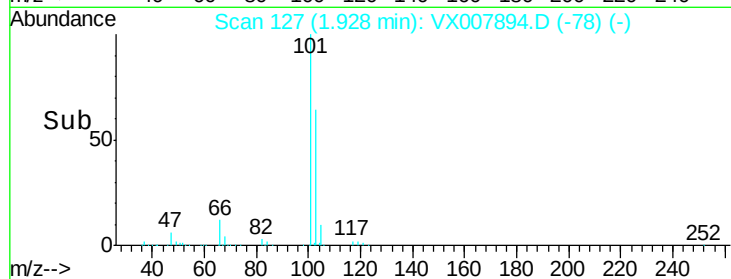
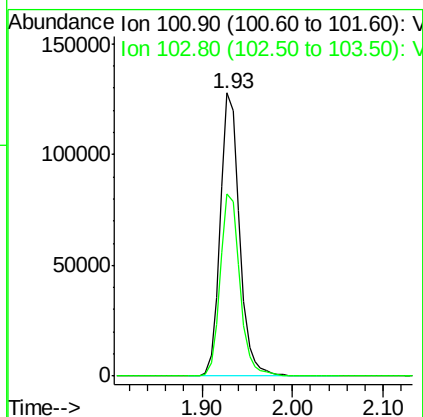
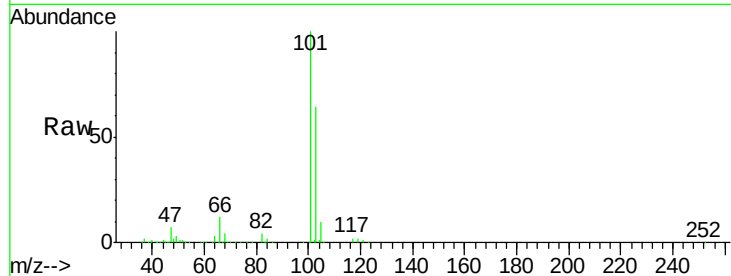
Trichlorofluoromethane
Concen: 49.584 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Instrument :
MSVOA_X
ClientSampled :
SW-2MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	50.4	75.6

Manual Integrations
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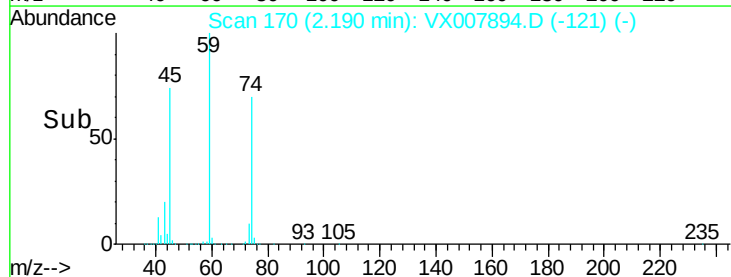
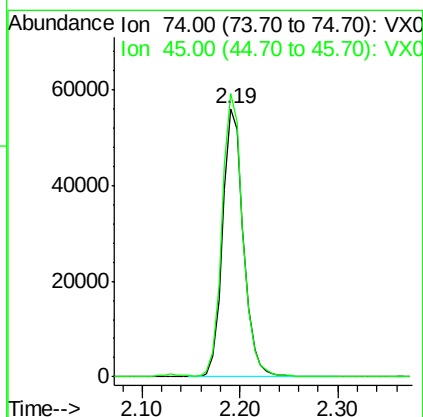
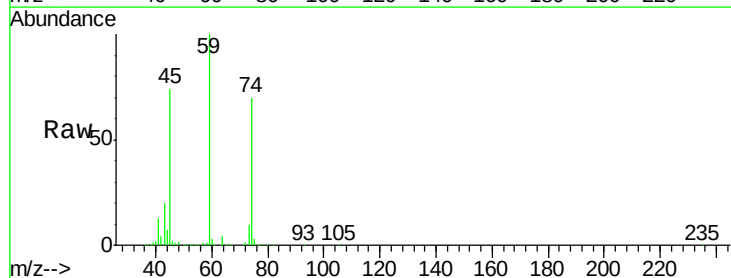
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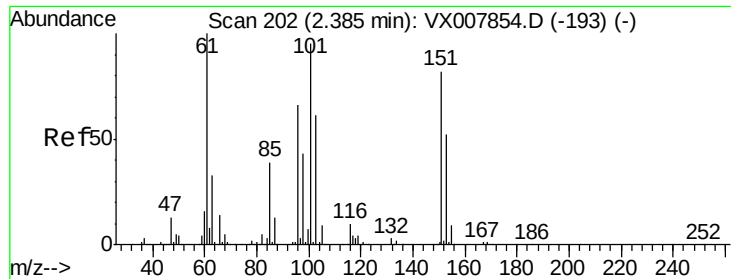


#8

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	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

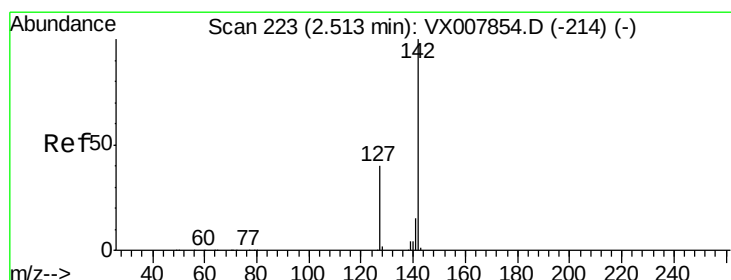
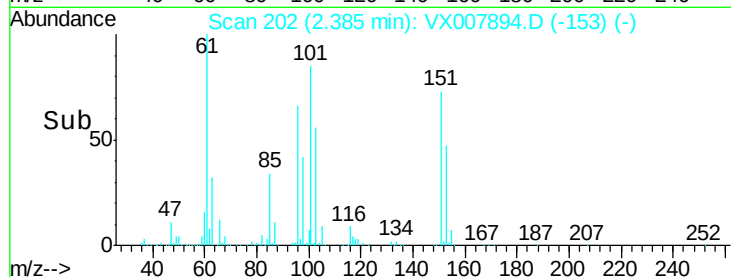
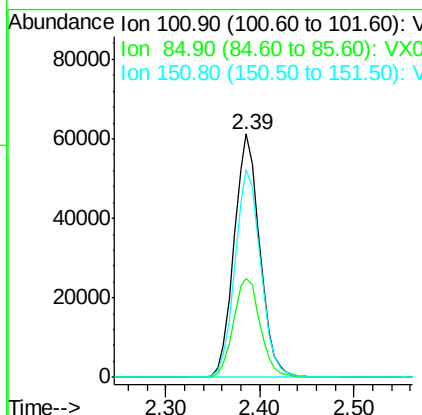
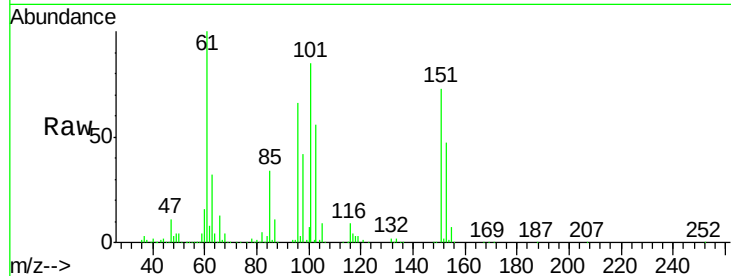
ClientSampleId :

SW-2MS

Tot Ion:	101	Resp:	116103
Ion Ratio	Lower	Upper	
101	100		
85	42.3	33.8	50.6
151	85.9	69.1	103.7

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#10

Methyl Iodide

Concen: 53.842 ug/l

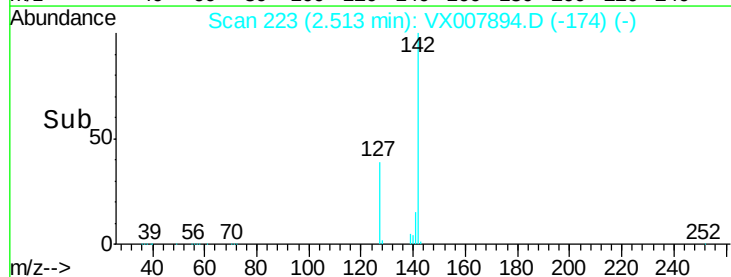
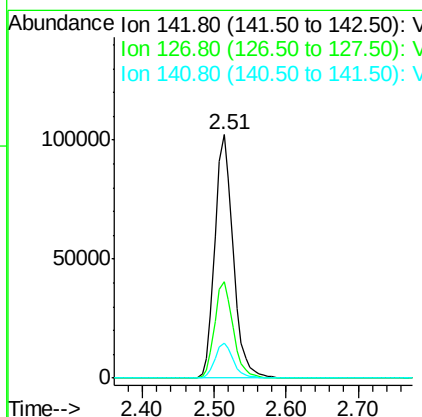
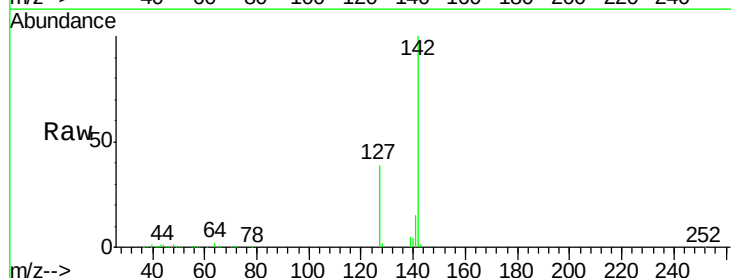
RT: 2.51 min Scan# 223

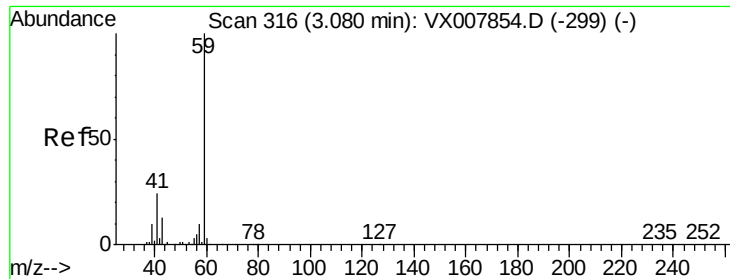
Delta R.T. 0.00 min

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





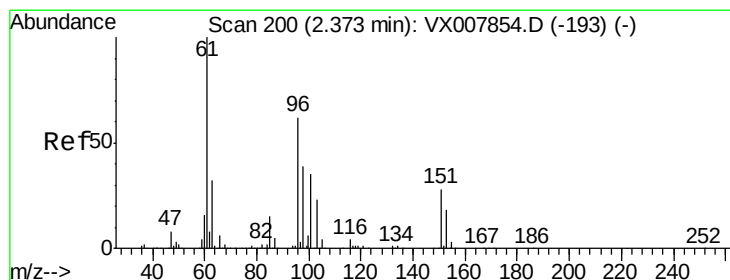
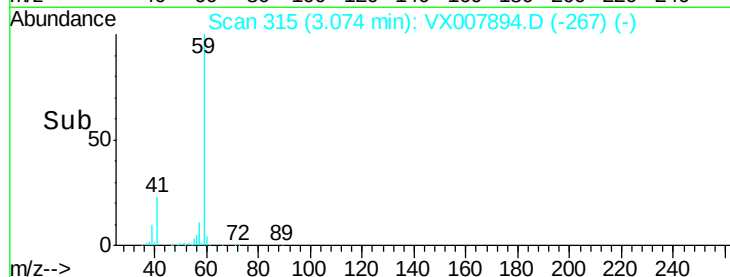
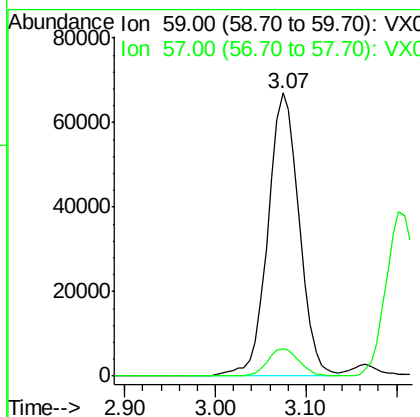
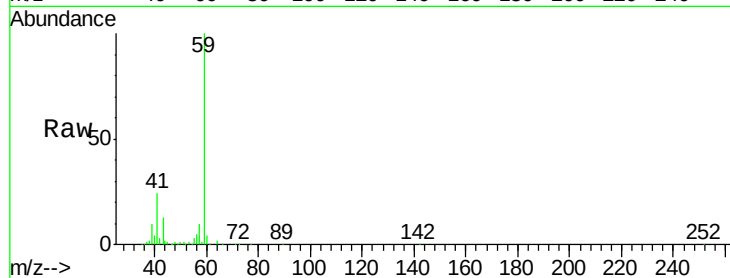
#11
Tert butyl alcohol
Concen: 252.633 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
SW-2MS

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

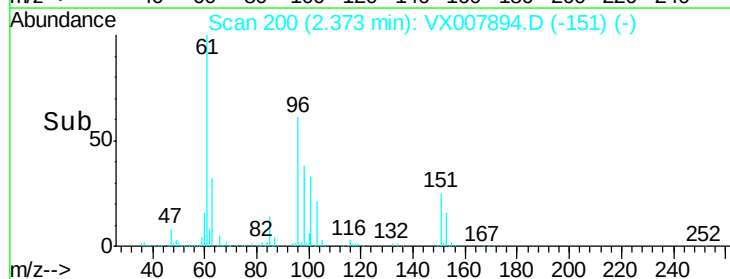
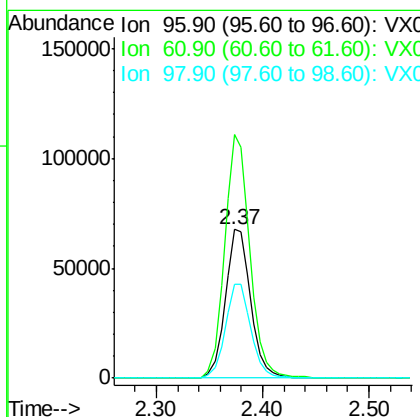
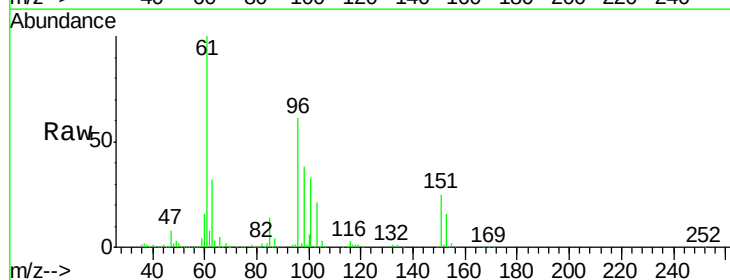
Manual Integrations
APPROVED

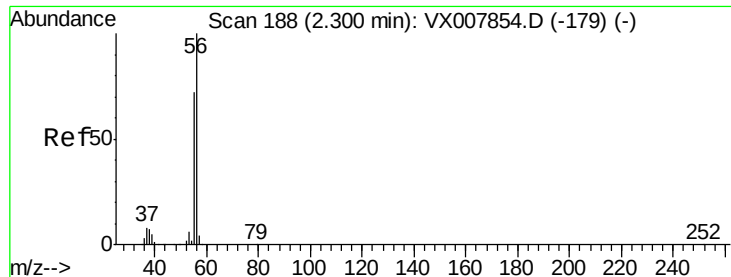
MMDadoda
3/8/2019 9:40:47 AM



#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	Ion	Ratio	Resp	Lower	Upper
96	96	100	112325		
61	61	163.7		129.8	194.6
98	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

Tot Ion: 56 Resp: 63097

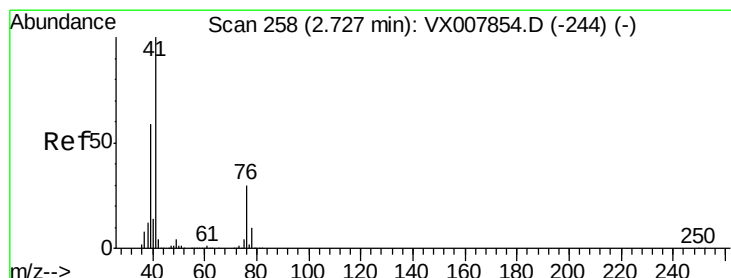
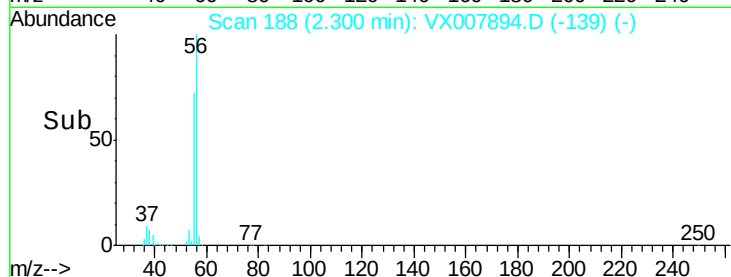
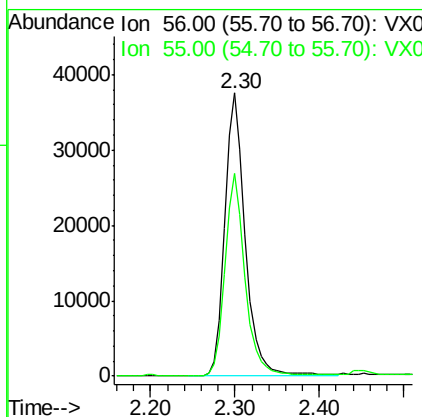
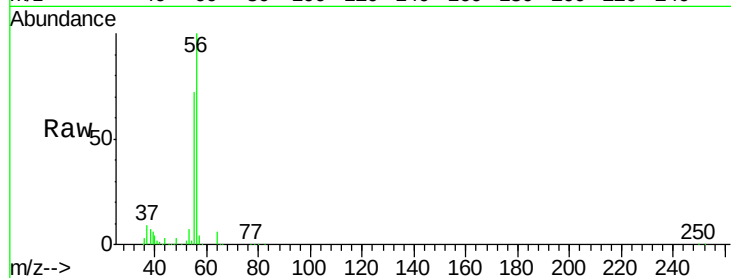
Ion Ratio Lower Upper

56 100

55 70.3 57.8 86.6

Manual Integrations
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3/8/2019 9:40:47 AM



#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

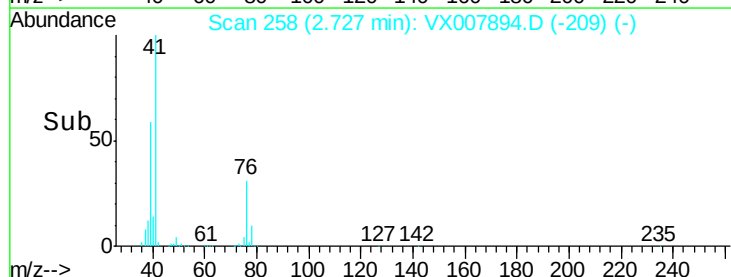
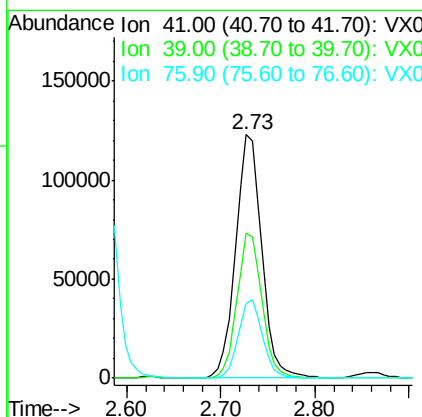
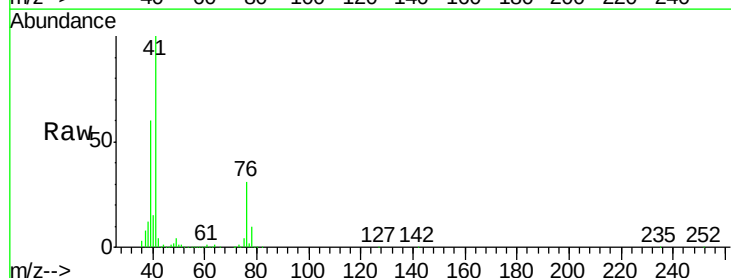
Tgt Ion: 41 Resp: 237670

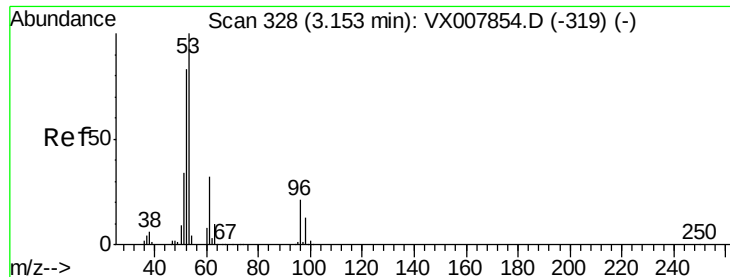
Ion Ratio Lower Upper

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

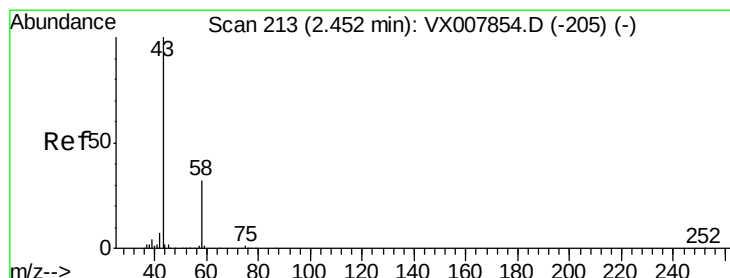
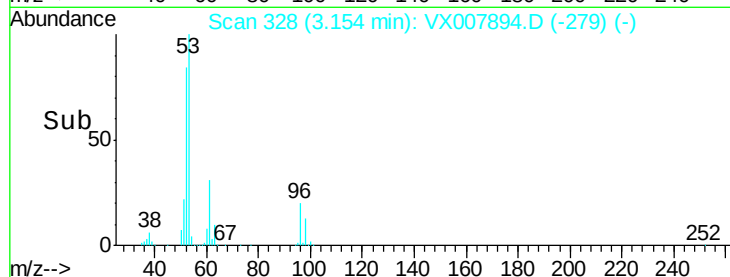
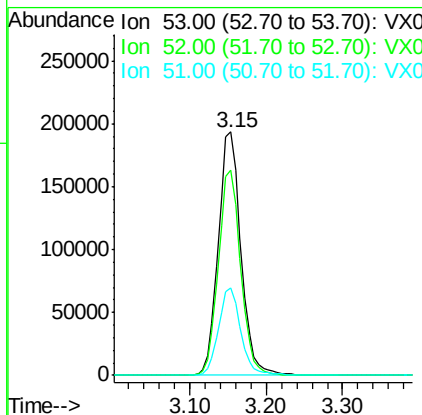
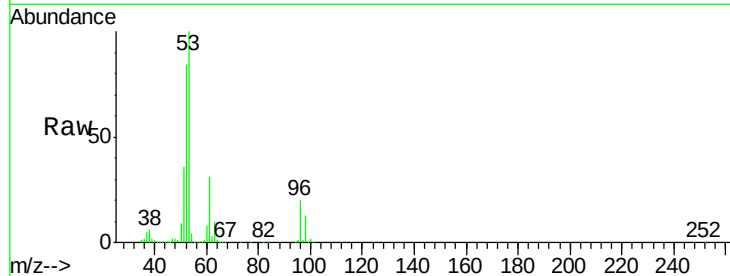
ClientSampled :

SW-2MS

Tot Ion:	53	Resp:	395844
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.0	99.0
51	35.2	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 199.560 ug/l

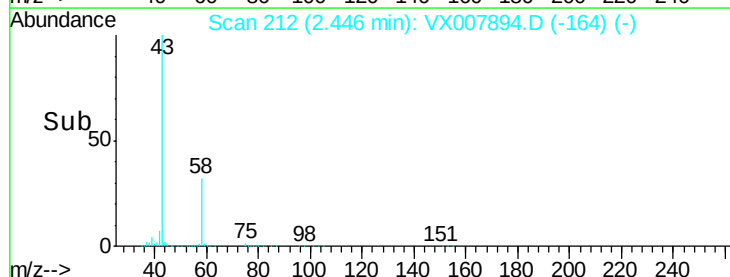
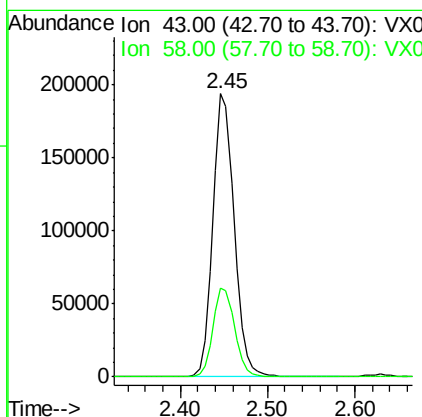
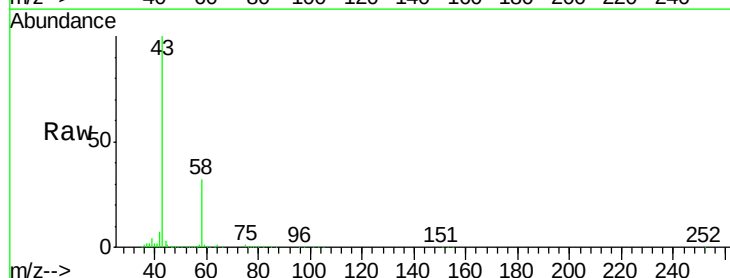
RT: 2.45 min Scan# 212

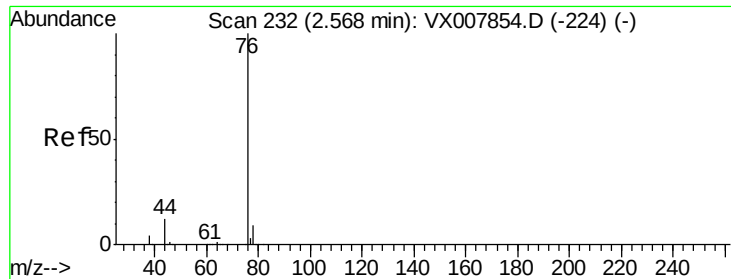
Delta R.T. -0.01 min

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





#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

Tot Ion: 76 Resp: 352790

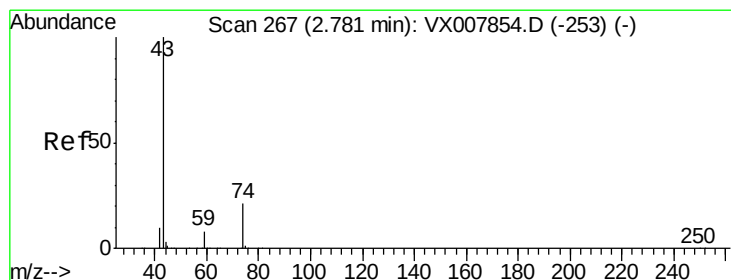
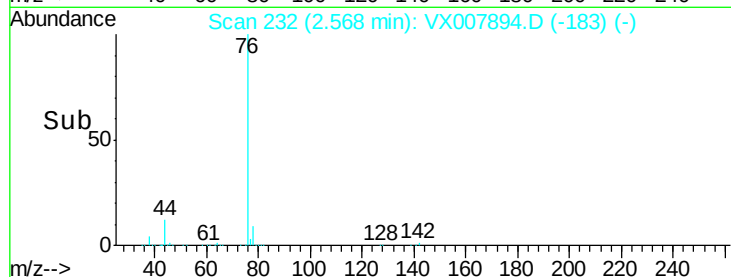
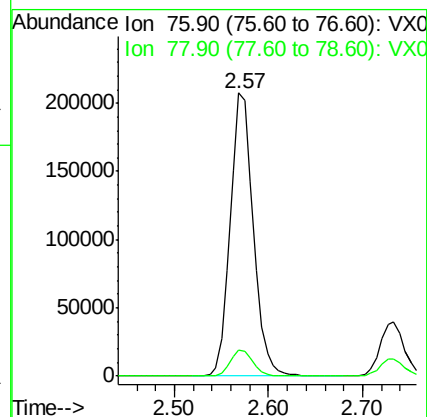
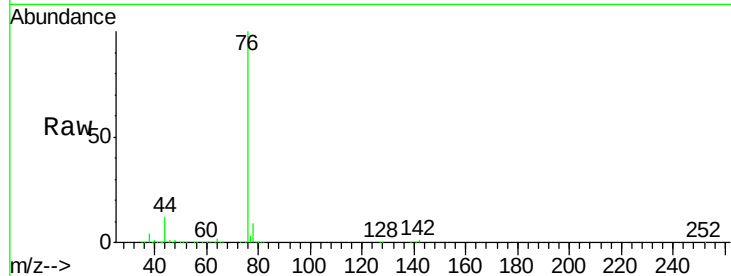
Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

Manual Integrations
APPROVED

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#18

Methyl Acetate

Concen: 47.299 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007894.D

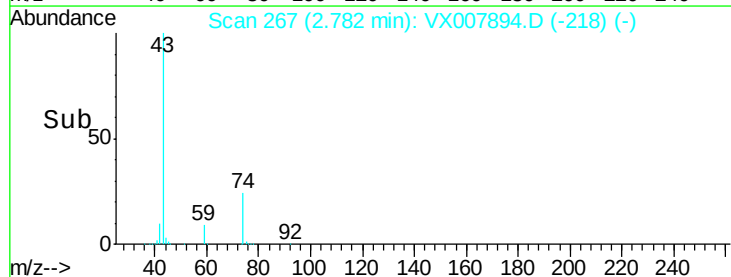
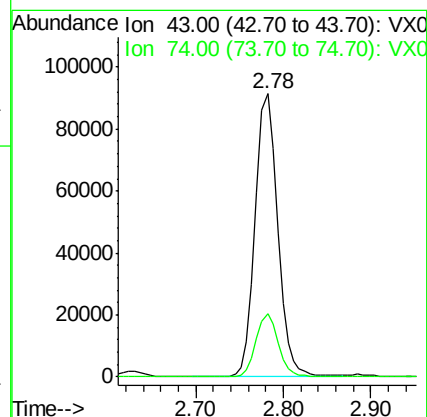
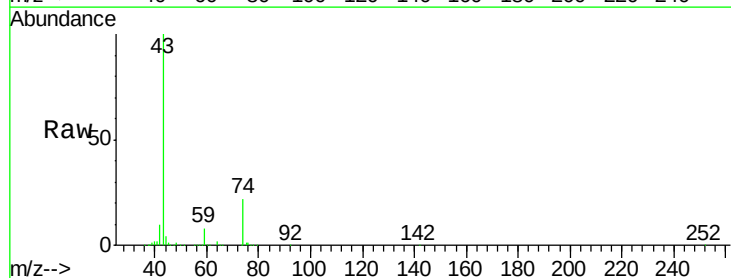
Acq: 07 Mar 2019 19:51

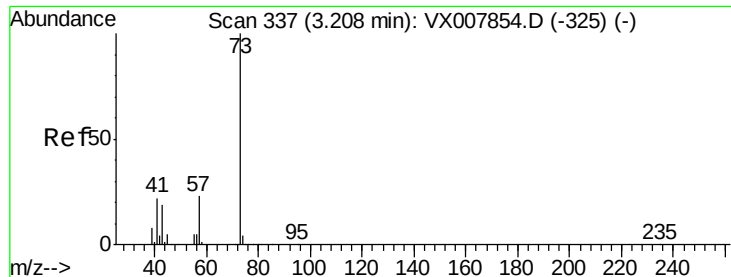
Tgt Ion: 43 Resp: 164712

Ion Ratio Lower Upper

43 100

74 21.8 17.8 26.6





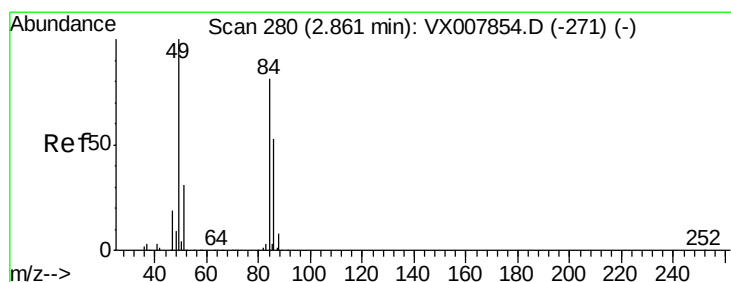
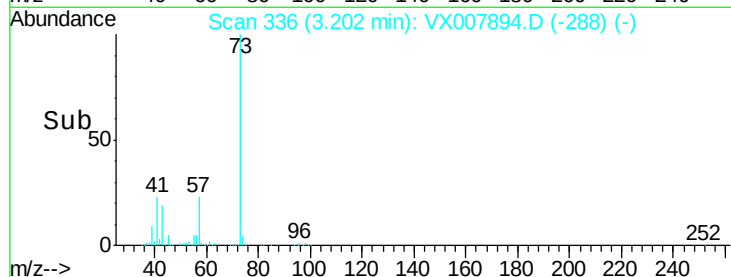
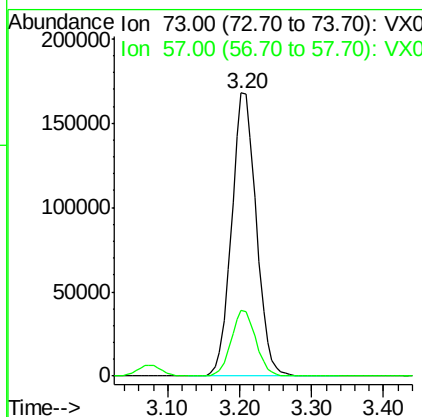
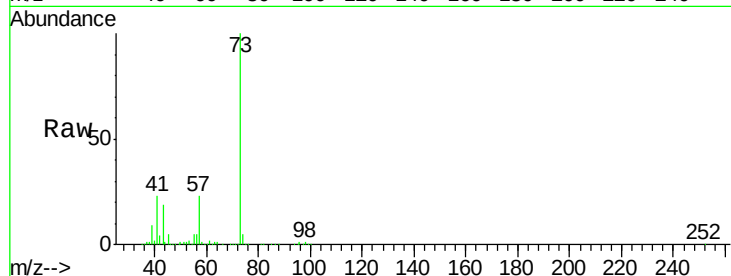
#19
Methyl tert-butyl Ether
Concen: 50.823 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
SW-2MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.2	18.2	27.4

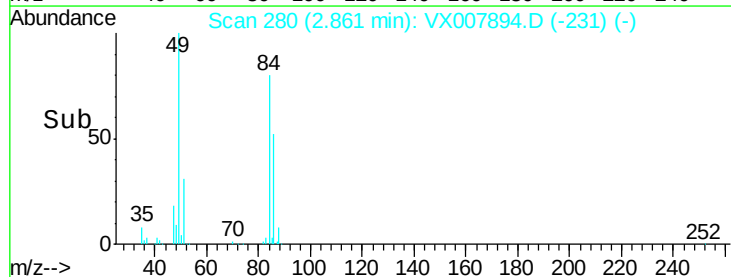
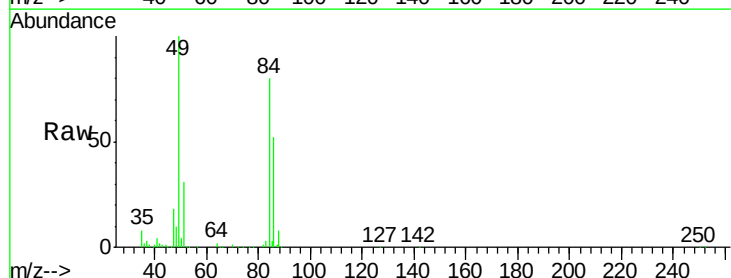
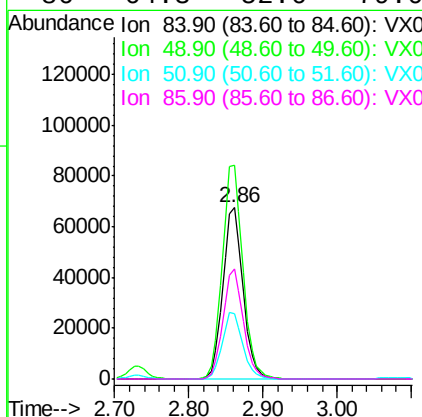
Manual Integrations
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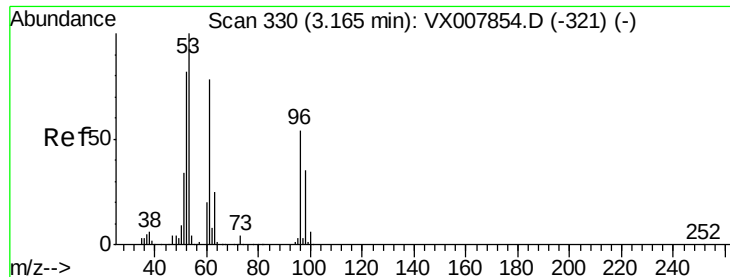
MMDadoda
3/8/2019 9:40:47 AM



#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	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

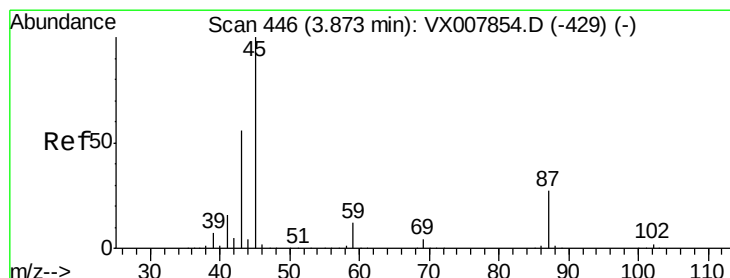
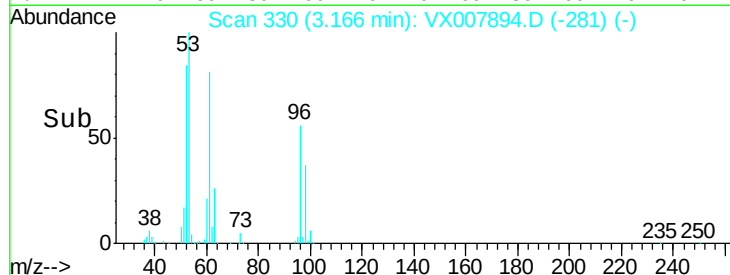
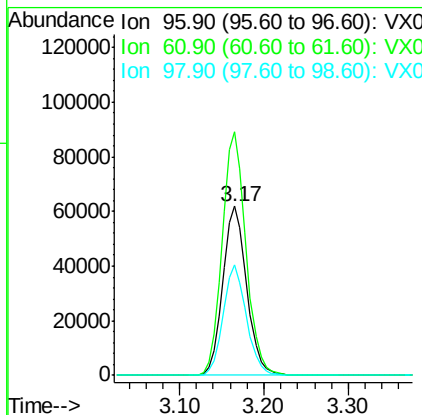
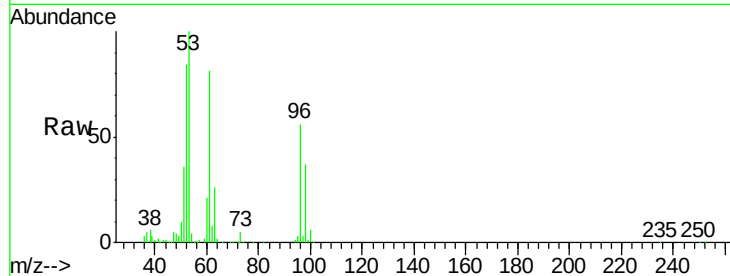
ClientSampled :

SW-2MS

Tot Ion:	96	Resp:	120434
Ion	Ratio	Lower	Upper
96	100		
61	143.9	114.4	171.6
98	65.0	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.283 ug/l

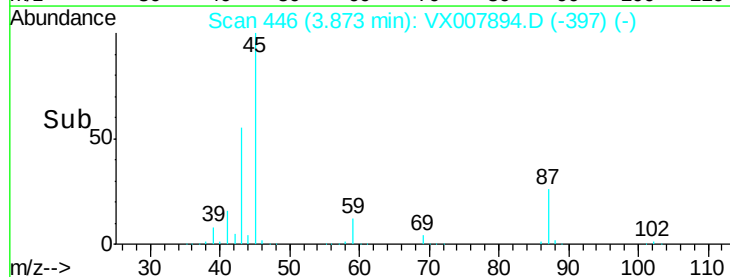
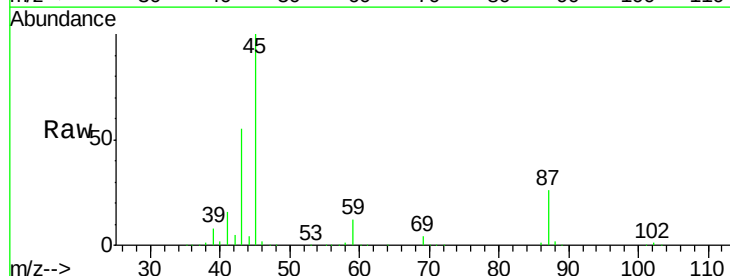
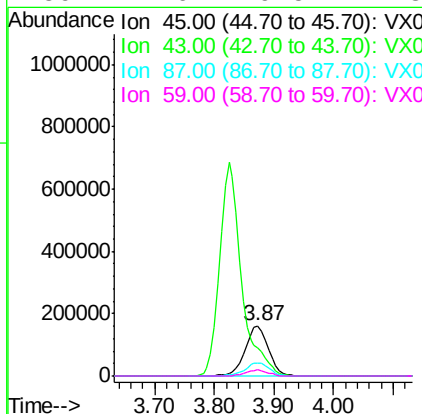
RT: 3.87 min Scan# 446

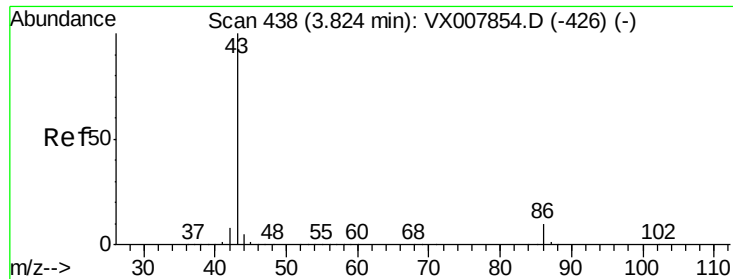
Delta R.T. 0.00 min

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





#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

Tot Ion: 43 Resp: 1760116

Ion Ratio Lower Upper

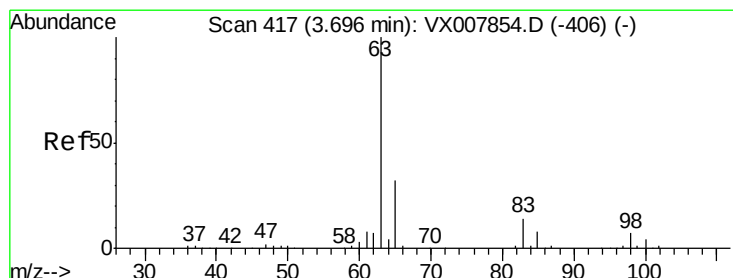
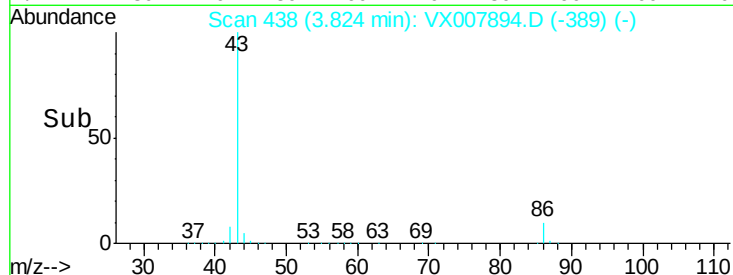
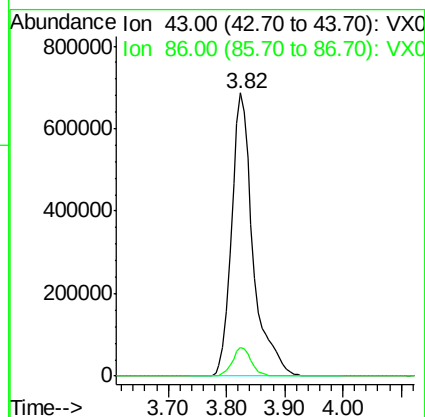
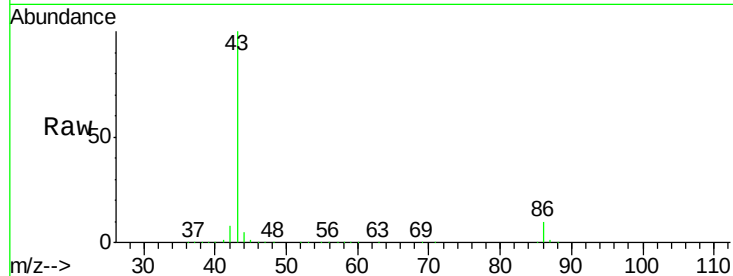
43 100

86 10.0 7.9 11.9

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#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

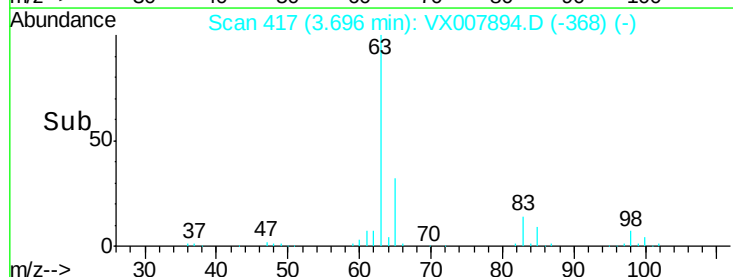
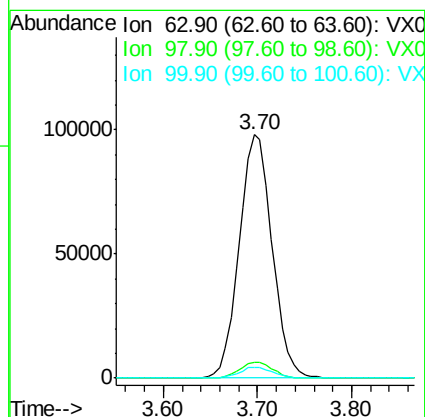
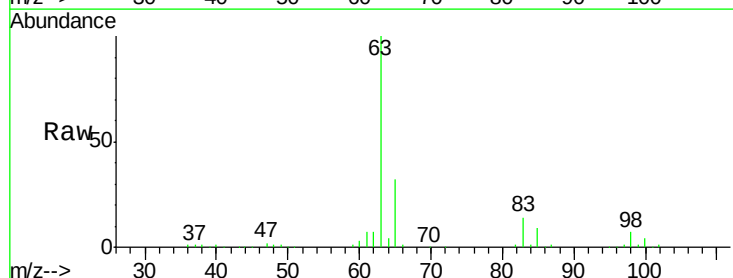
Tgt Ion: 63 Resp: 237602

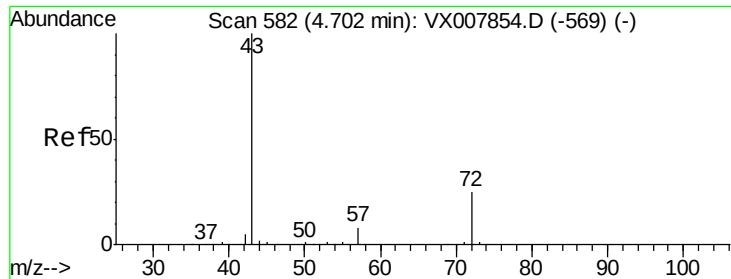
Ion Ratio Lower Upper

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

Tot Ion: 43 Resp: 546104

Ion Ratio Lower Upper

43 100

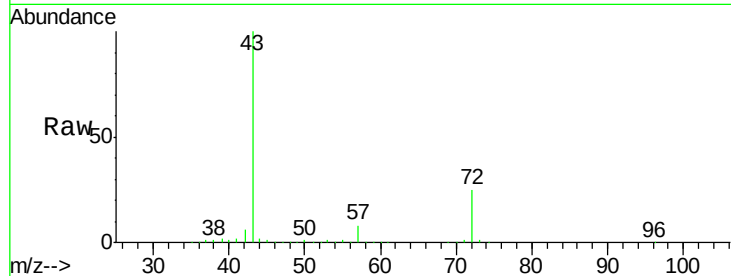
72 25.1 19.9 29.9

Manual Integrations

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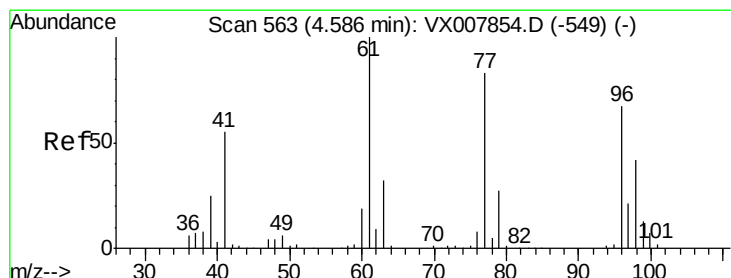
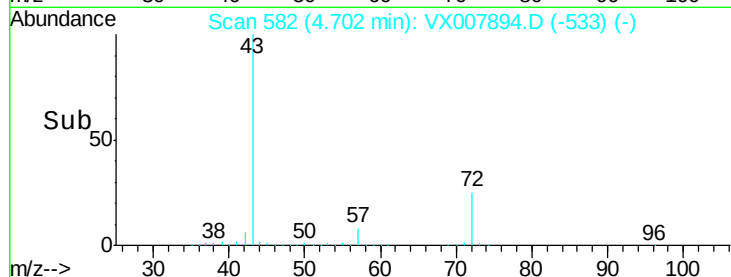
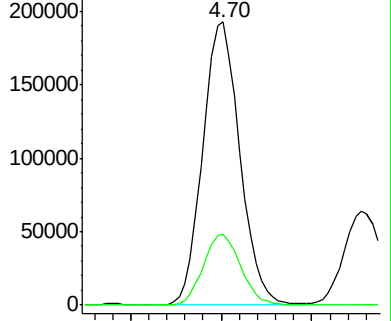
MMDadoda

3/8/2019 9:40:47 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#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

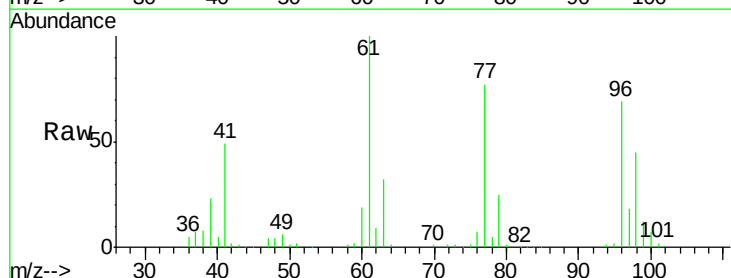
Acq: 07 Mar 2019 19:51

Tgt Ion: 77 Resp: 140624

Ion Ratio Lower Upper

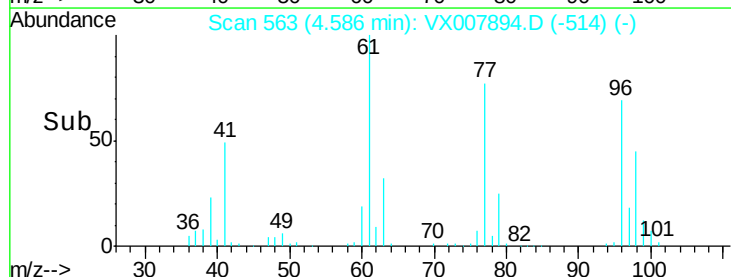
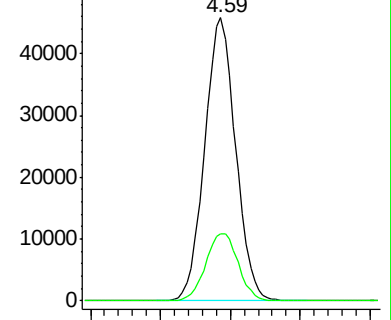
77 100

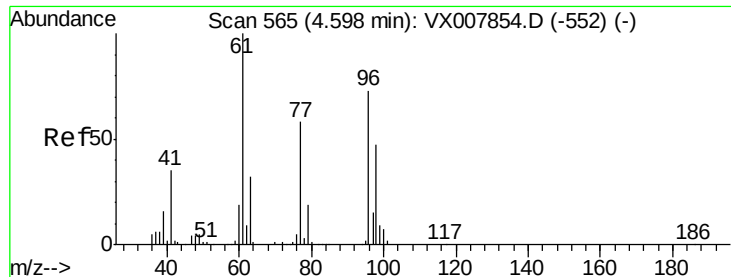
97 25.0 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

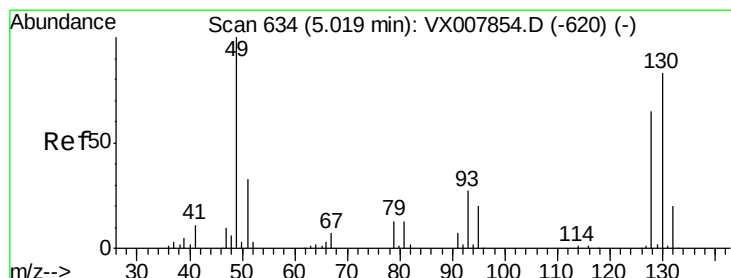
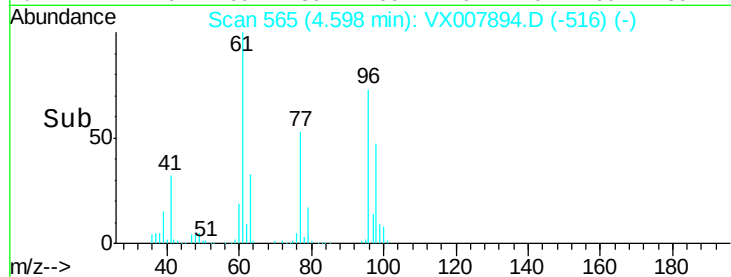
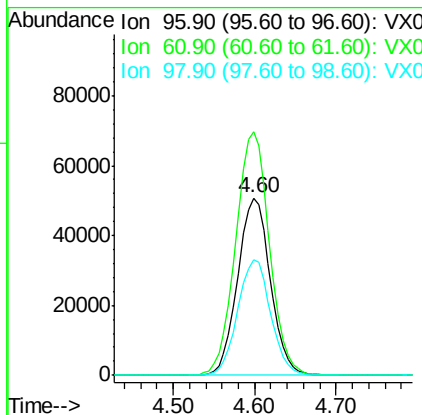
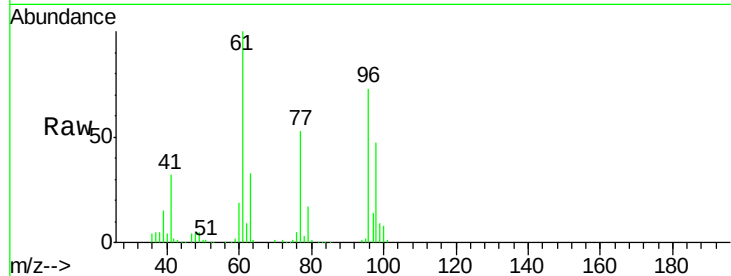
cis-1,2-Dichloroethene
 Concen: 49.042 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007894.D
 Acq: 07 Mar 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-2MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	288.0
98	65.7	0.0	129.0

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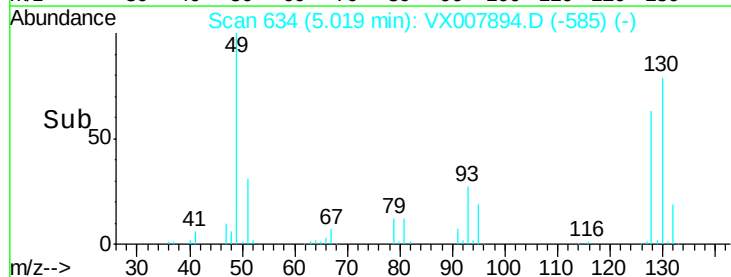
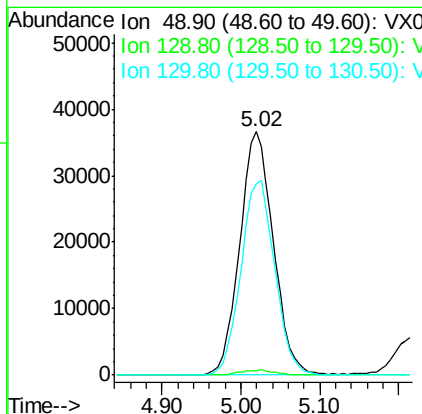
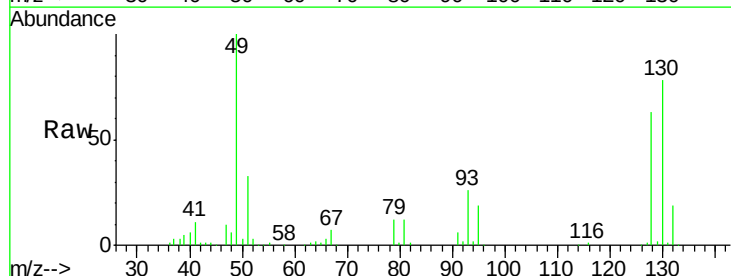
MMDadoda
 3/8/2019 9:40:47 AM

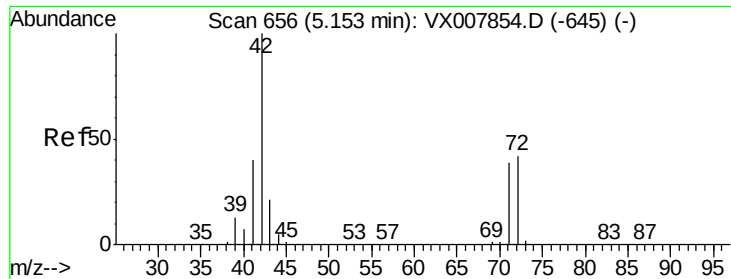


#28

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	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	80.6	65.0	97.4





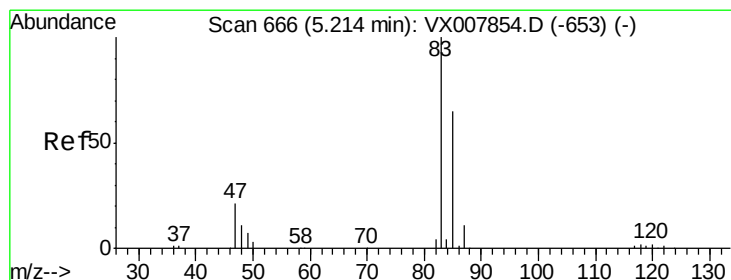
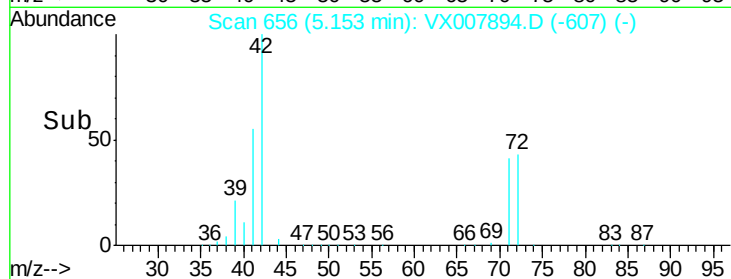
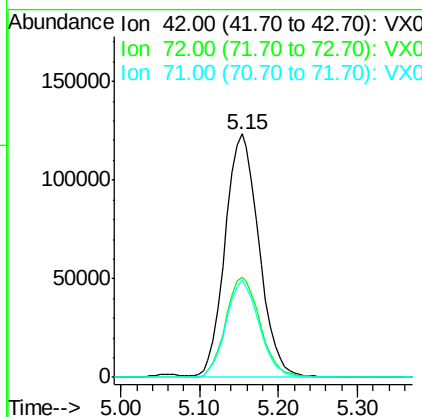
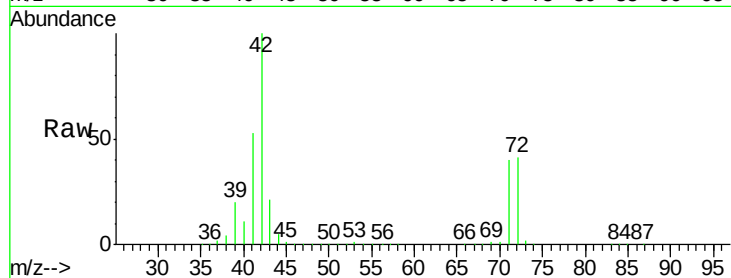
#29
Tetrahydrofuran
Concen: 254.127 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
SW-2MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	33.8	50.6
71	39.2	31.5	47.3

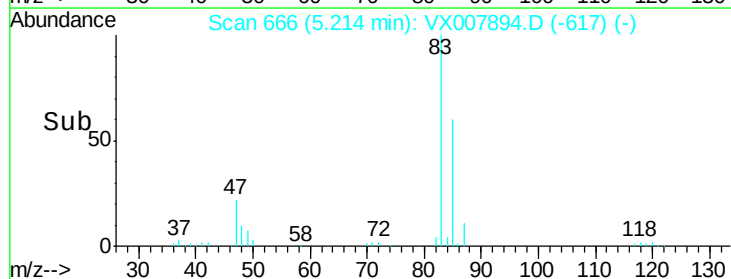
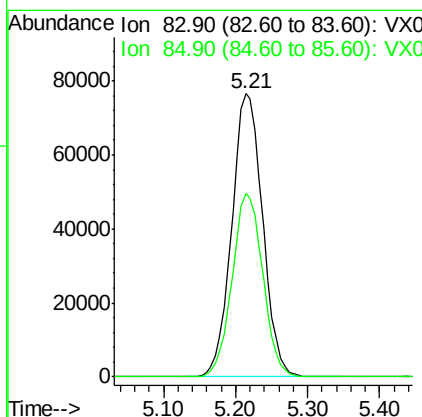
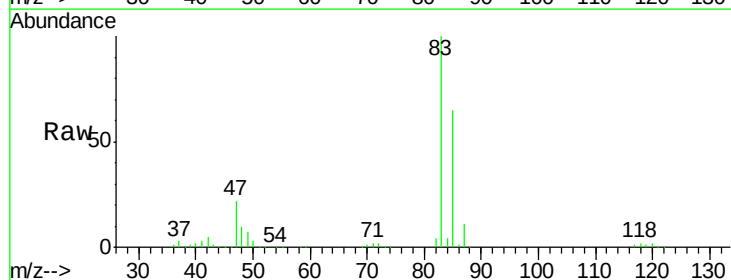
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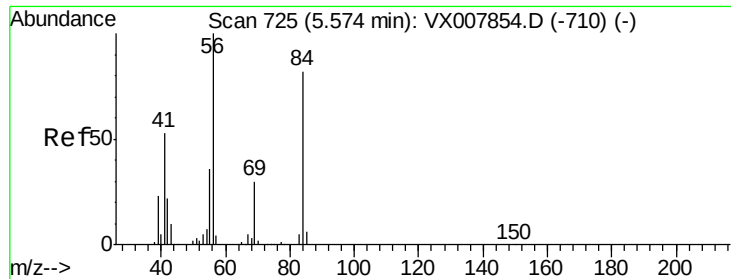
MMDadoda
3/8/2019 9:40:47 AM



#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	Ratio	Lower	Upper
83	100		
85	64.6	51.8	77.6





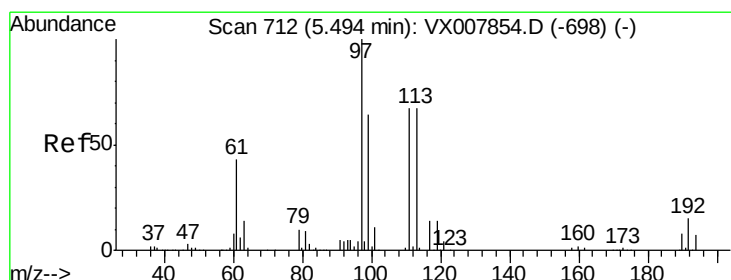
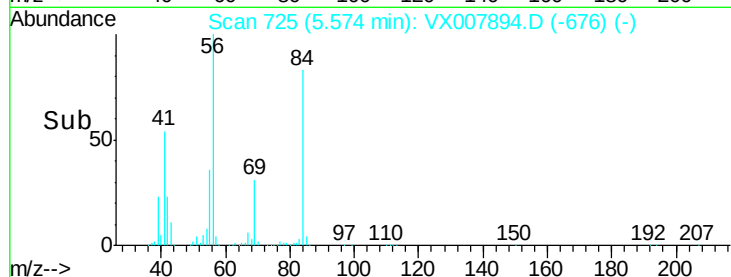
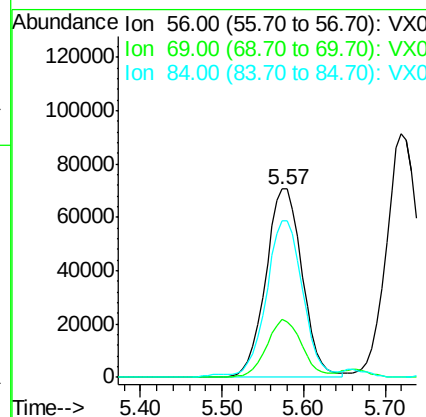
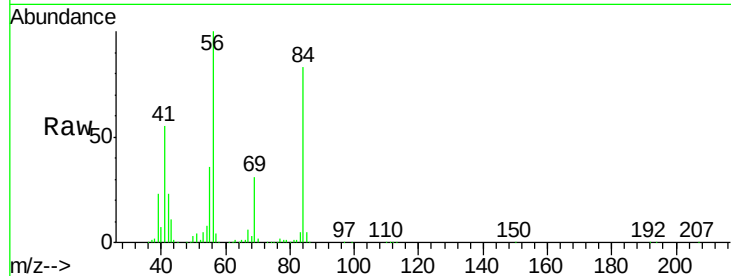
#31
Cyclohexane
Concen: 50.393 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
SW-2MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	24.0	36.0
84	82.9	65.3	97.9

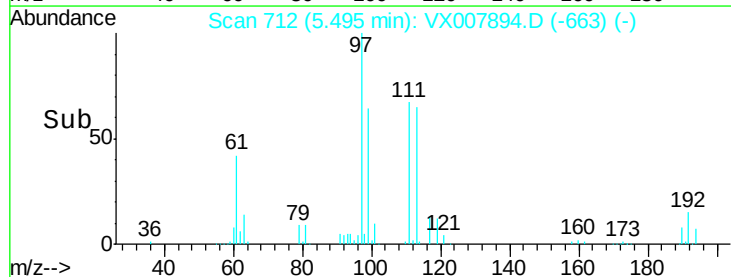
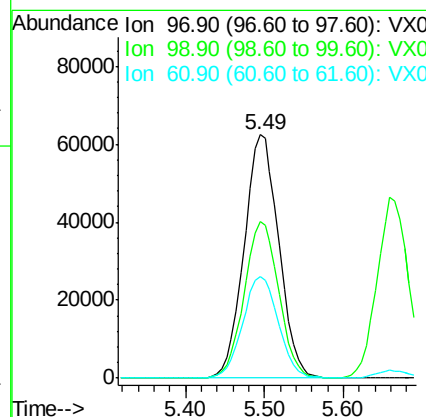
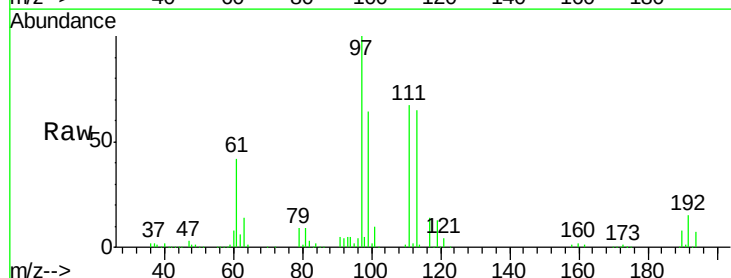
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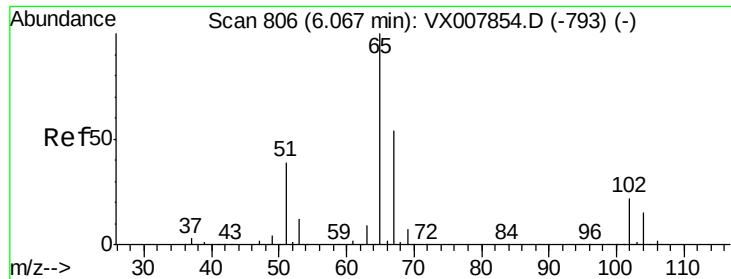
MMDadoda
3/8/2019 9:40:47 AM



#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	Ratio	Lower	Upper
97	100		
99	64.2	52.2	78.2
61	42.9	34.9	52.3





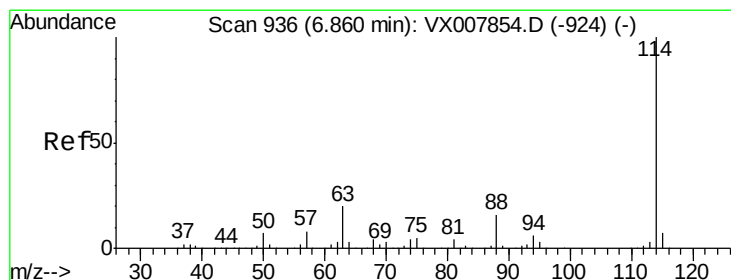
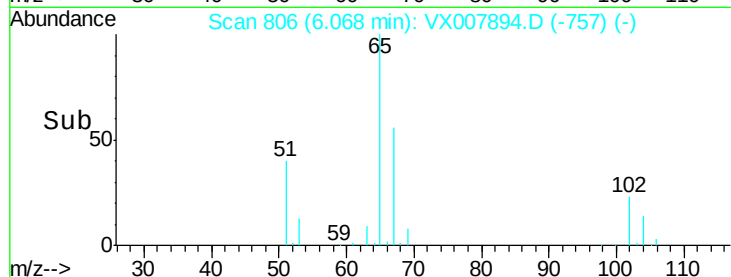
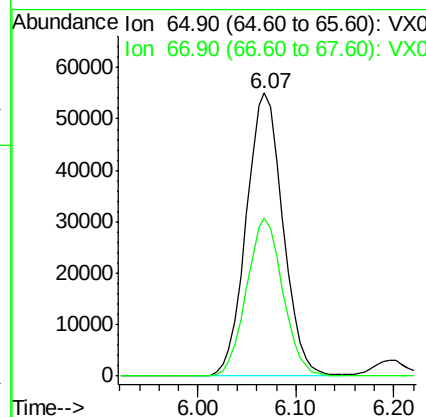
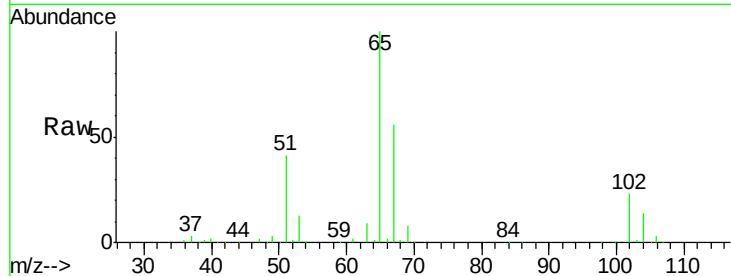
#33
 1,2-Dichloroethane-d4
 Concen: 50.464 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007894.D
 Acq: 07 Mar 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-2MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	142916		
67	55.3	0.0	110.0	

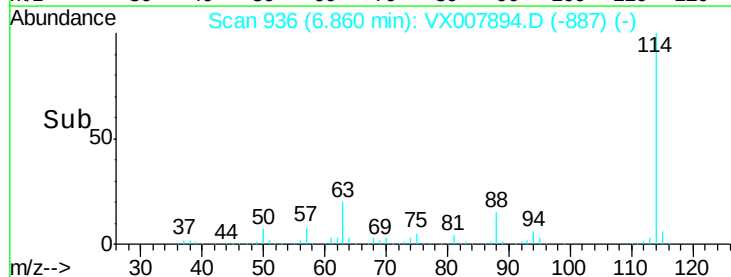
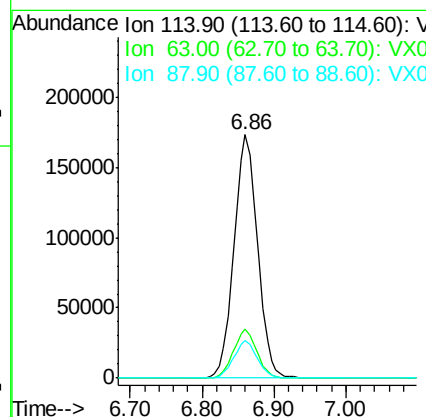
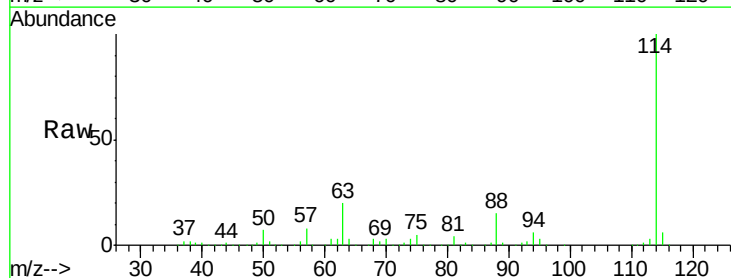
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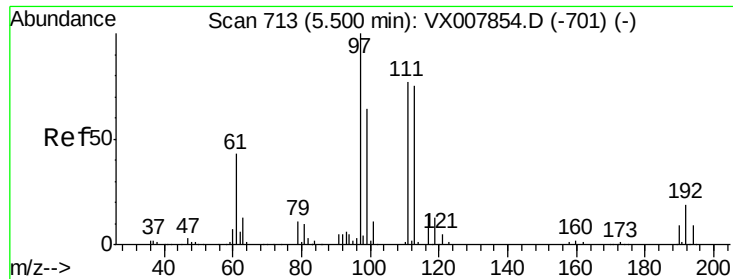
MMDadoda
 3/8/2019 9:40:47 AM



#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	Ratio	Resp	Lower	Upper
114	100	395303		
63	19.9	0.0	39.8	
88	15.2	0.0	31.4	





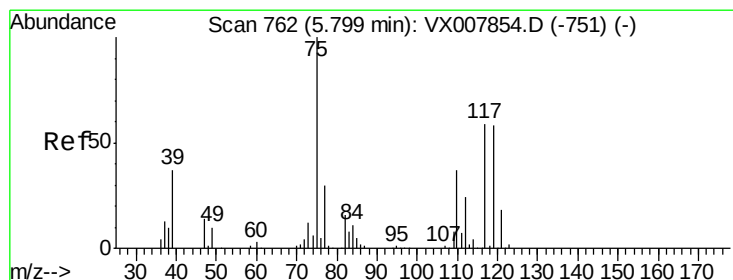
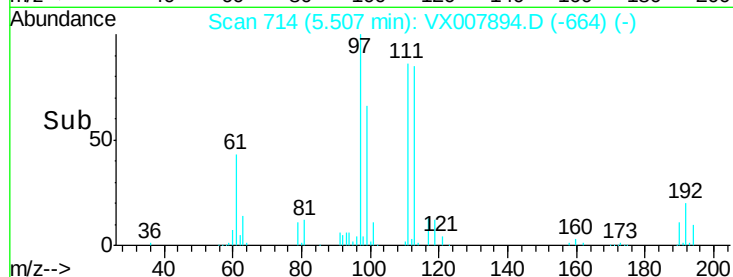
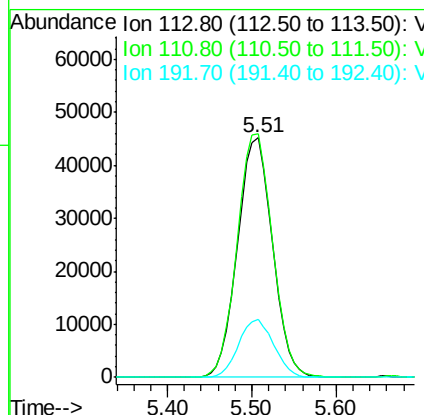
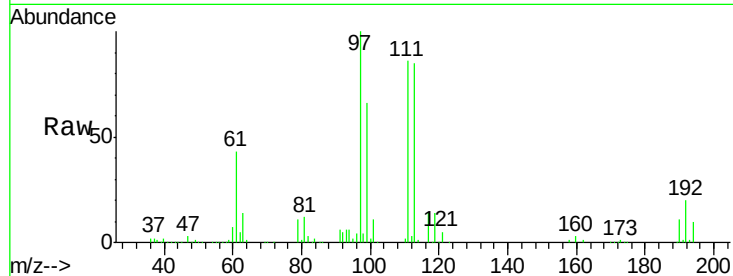
#35
Dibromofluoromethane
Concen: 50.351 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
SW-2MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	127318		
111	102.6	81.4	122.0	
192	24.3	19.4	29.0	

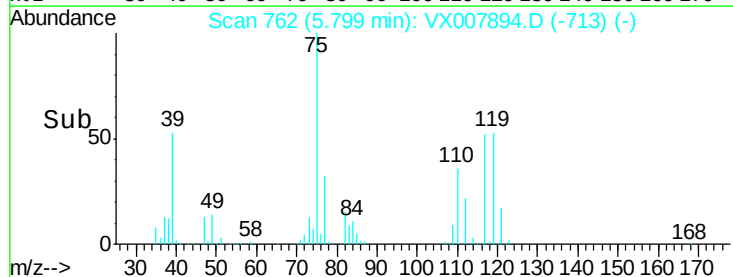
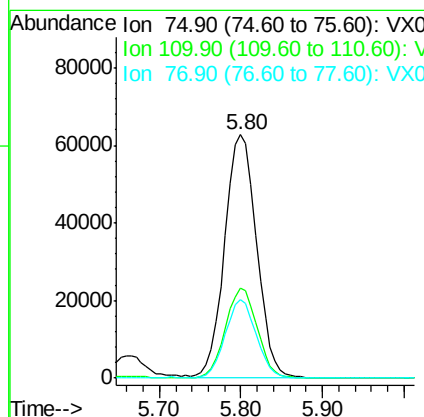
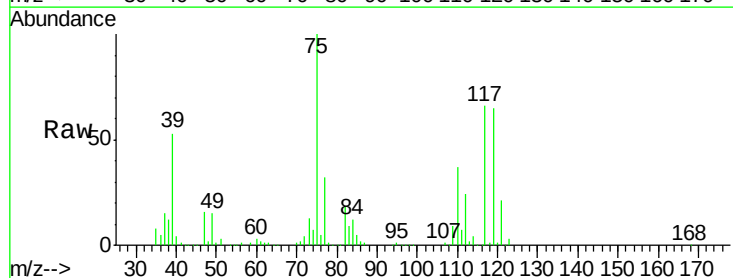
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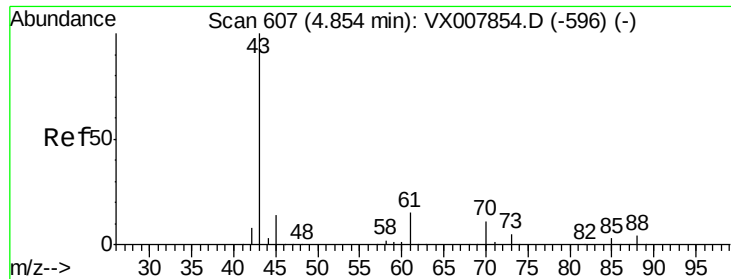
MMDadoda
3/8/2019 9:40:47 AM



#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	Ratio	Resp	Lower	Upper
75	100	169927		
110	36.7	18.4	55.0	
77	31.5	25.0	37.4	





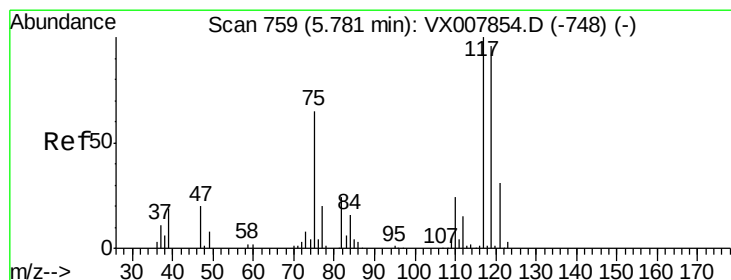
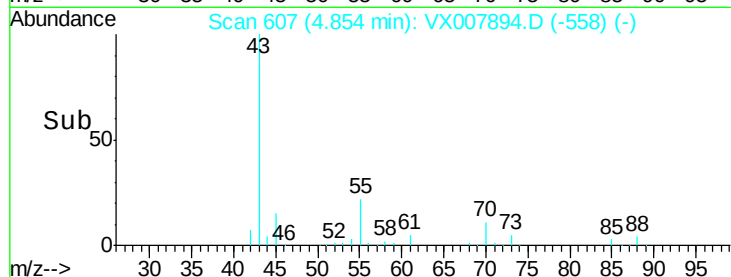
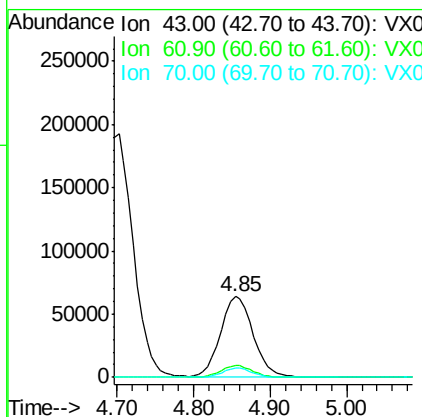
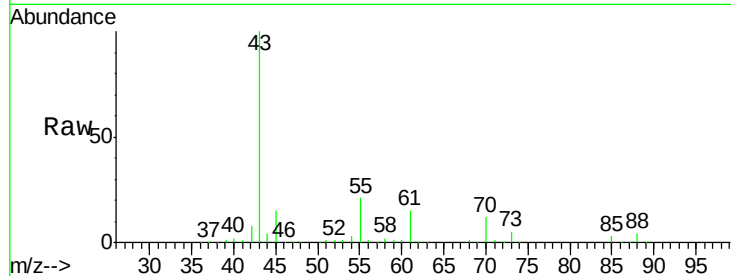
#37
Ethyl Acetate
Concen: 44.480 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Instrument :
MSVOA_X
ClientSampled :
SW-2MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.3	16.9
70	10.9	8.5	12.7

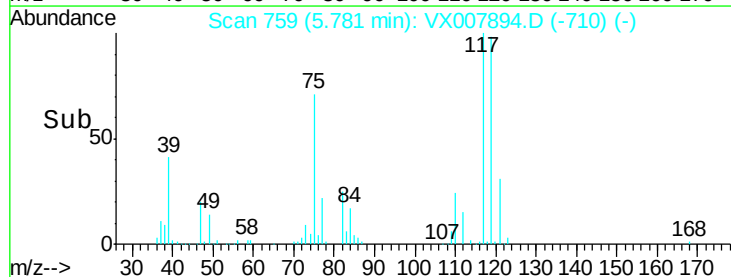
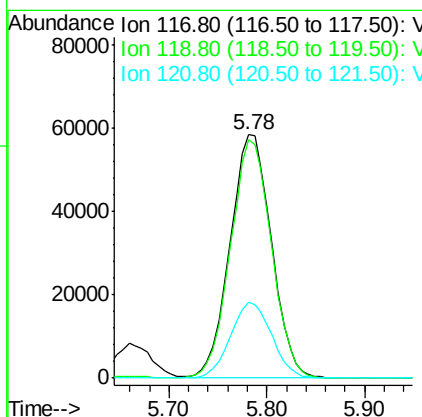
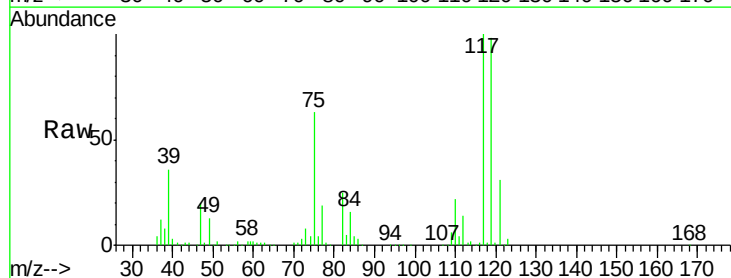
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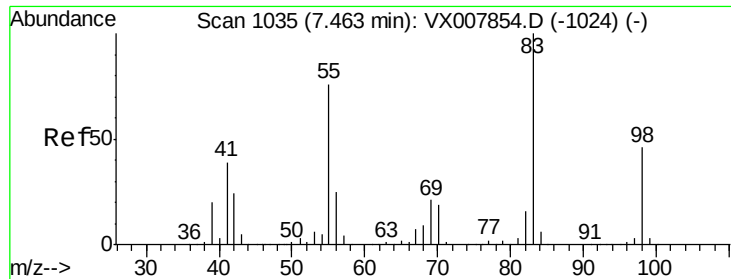
MMDadoda
3/8/2019 9:40:47 AM



#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	Ratio	Lower	Upper
117	100		
119	97.7	76.2	114.2
121	31.1	24.6	36.8





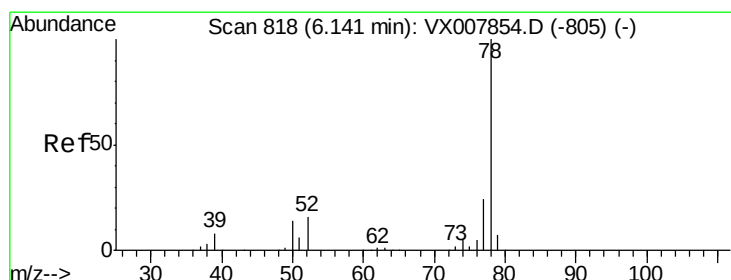
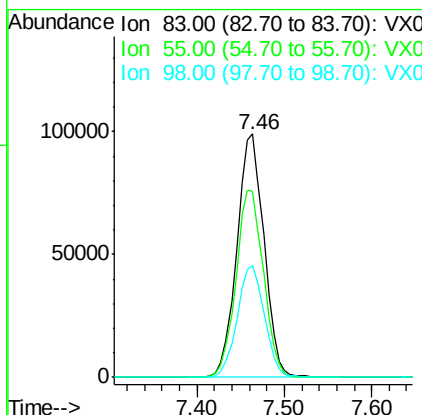
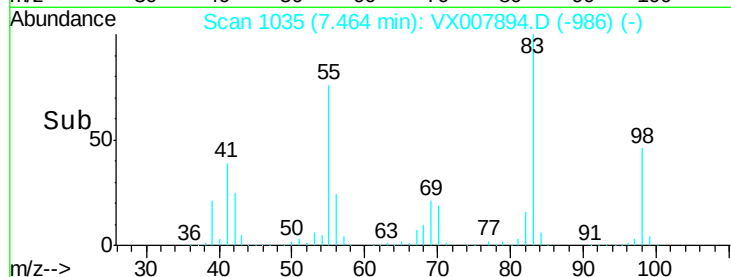
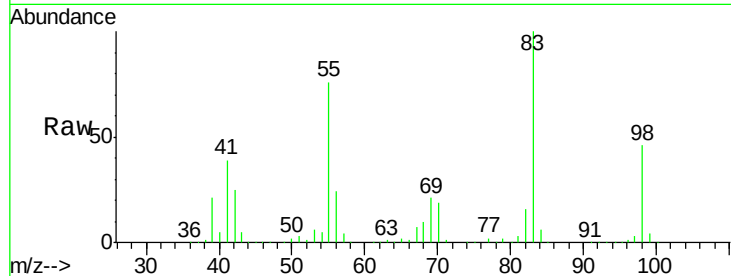
#39
Methylvlcyclohexane
Concen: 49.222 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Instrument :
MSVOA_X
ClientSampled :
SW-2MS

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

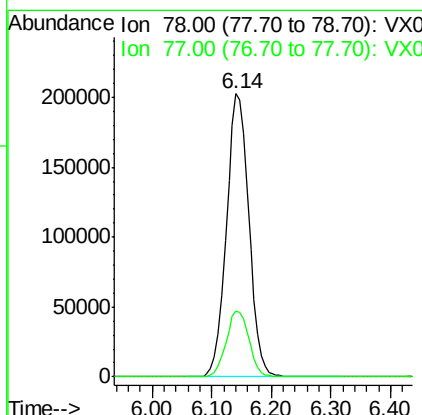
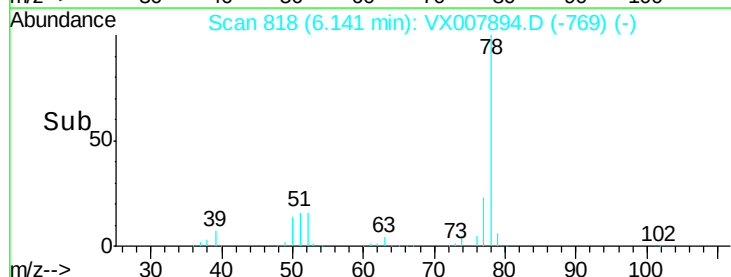
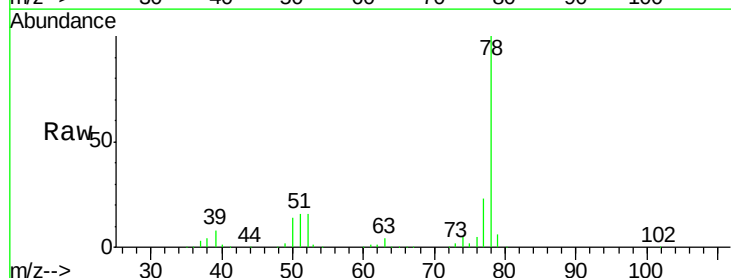
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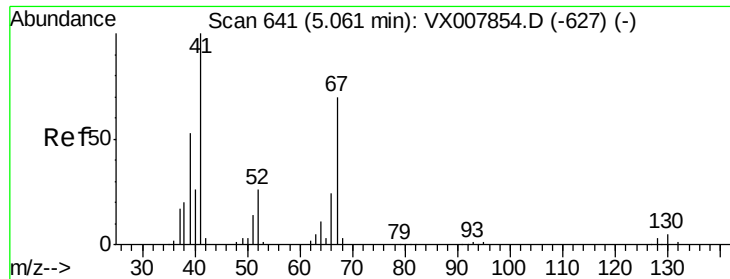
MMDadoda
3/8/2019 9:40:47 AM



#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





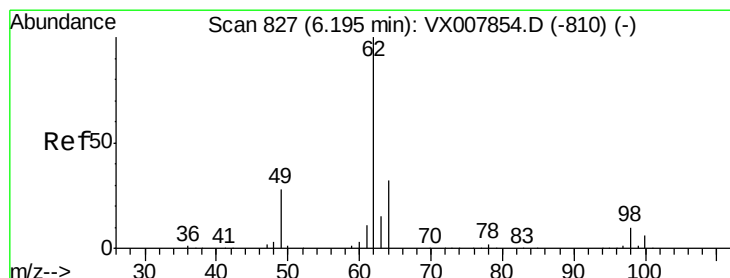
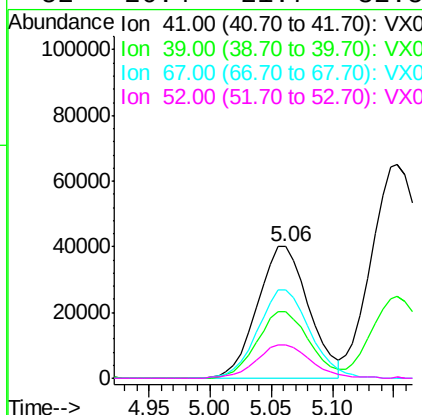
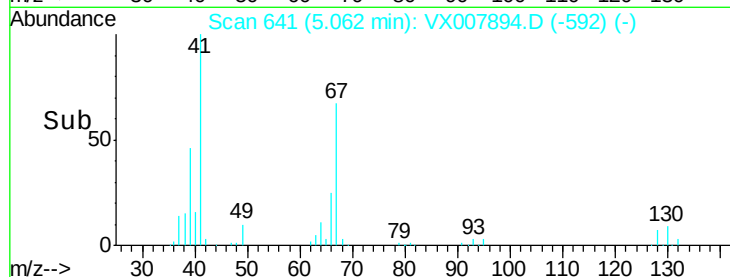
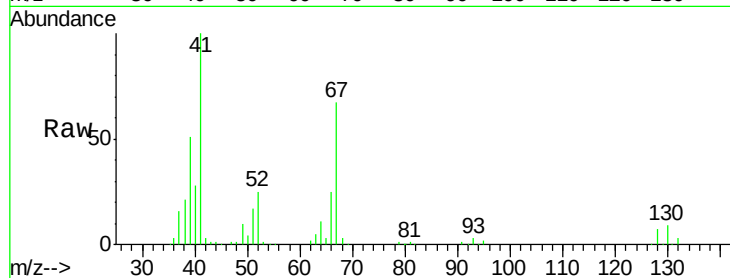
#41
Methacrylonitrile
Concen: 50.798 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
SW-2MS

Tot Ion	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	

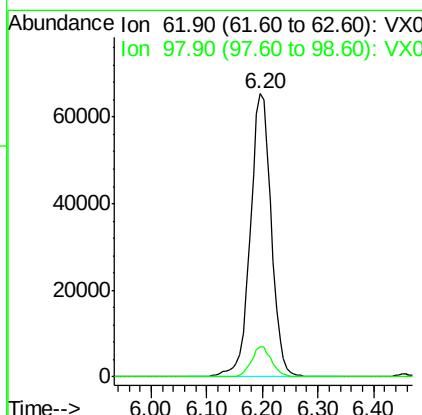
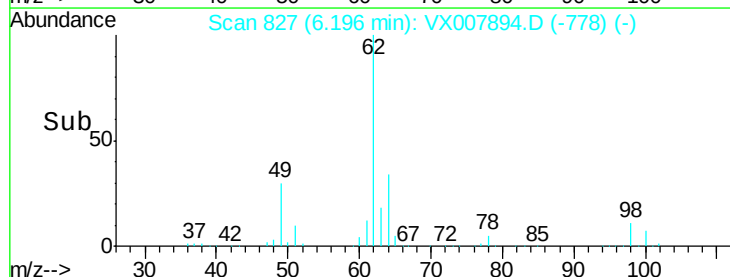
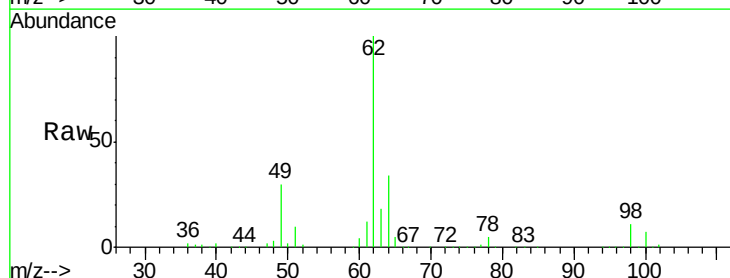
Manual Integrations
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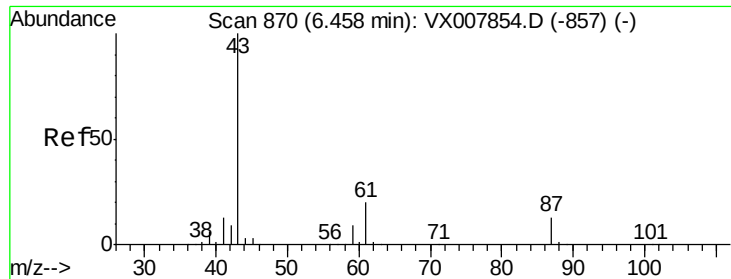
MMDadoda
3/8/2019 9:40:47 AM



#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	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	20.4	





#43

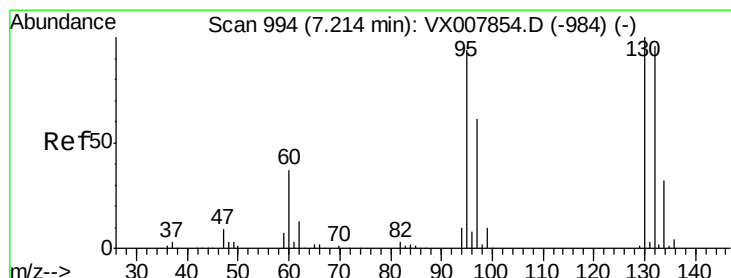
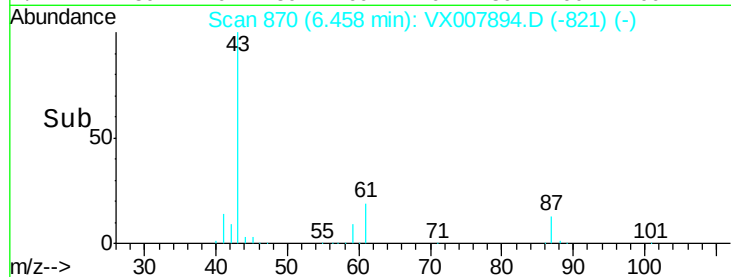
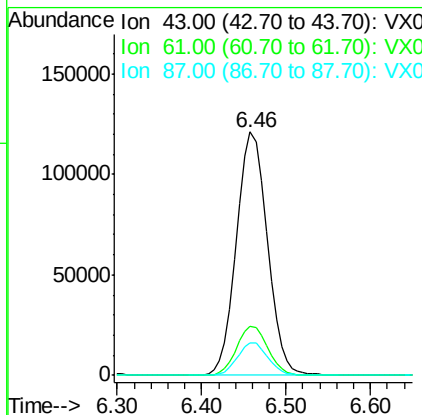
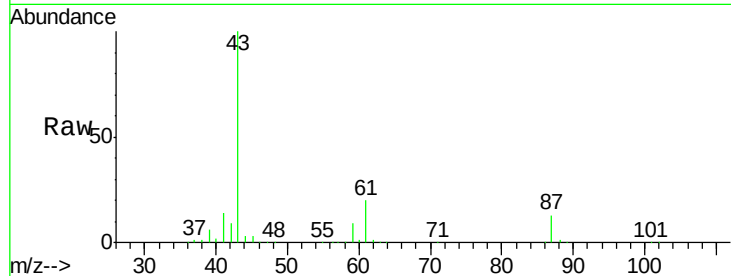
Isopropyl Acetate
 Concen: 47.699 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX007894.D
 Acq: 07 Mar 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-2MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.3	24.5
87	13.3	10.5	15.7

Manual Integrations
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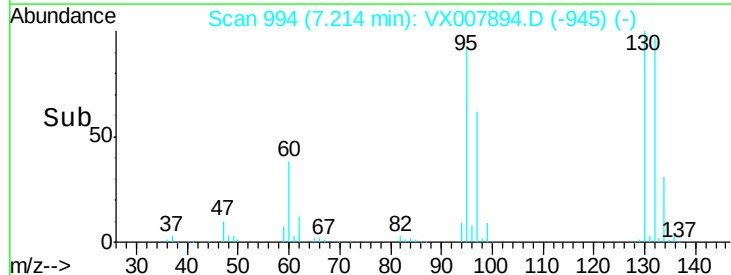
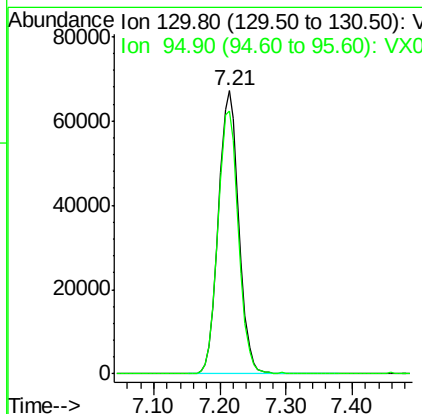
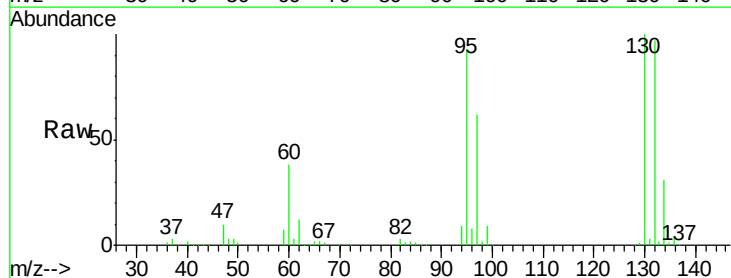
MMDadoda
 3/8/2019 9:40:47 AM

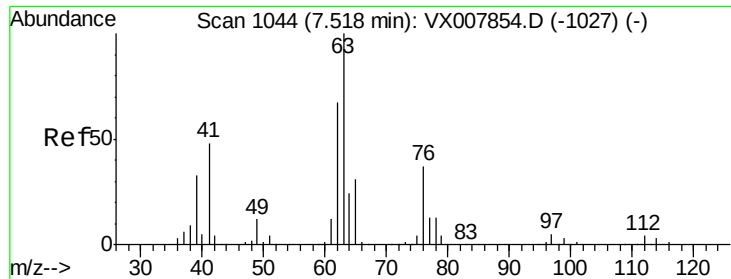


#44

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	Ratio	Lower	Upper
130	100		
95	93.0	0.0	188.0





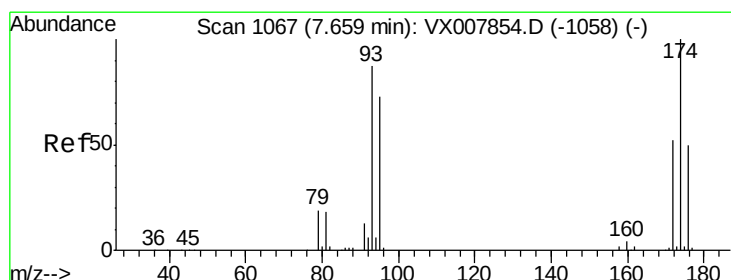
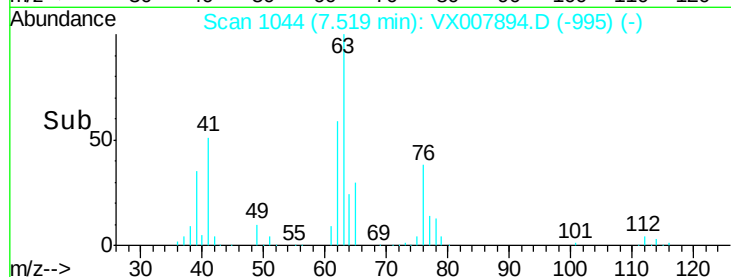
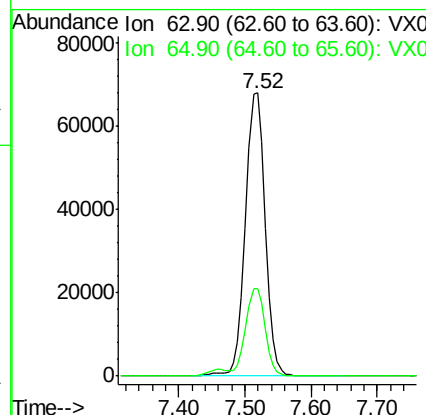
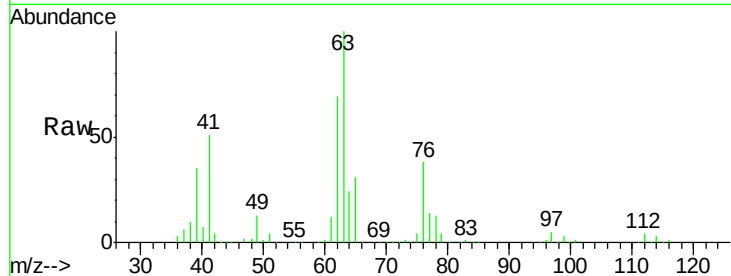
#45
 1,2-Dichloropropane
 Concen: 50.243 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX007894.D
 Acq: 07 Mar 2019 19:51

Instrument :
 MSVOA_X
 ClientSampled :
 SW-2MS

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

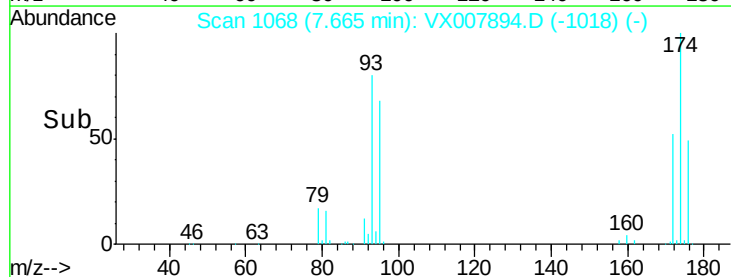
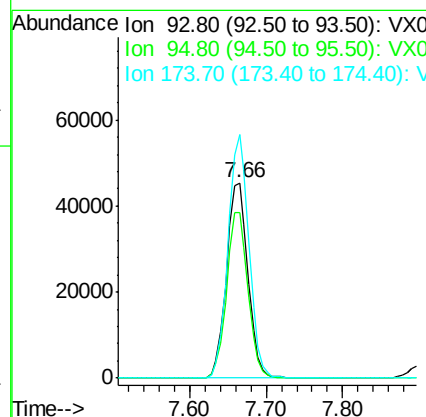
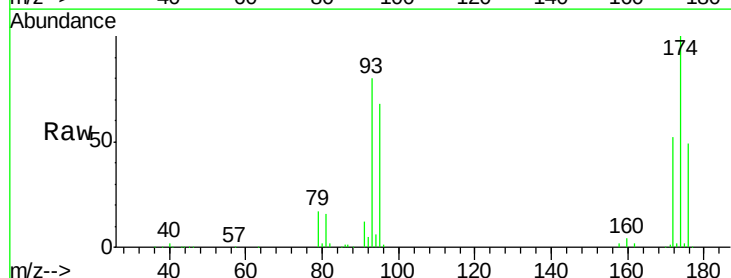
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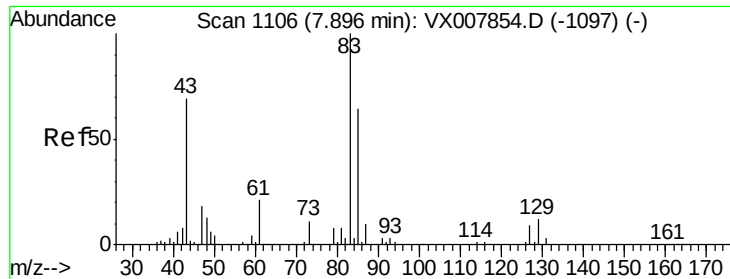
MMDadoda
 3/8/2019 9:40:47 AM



#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





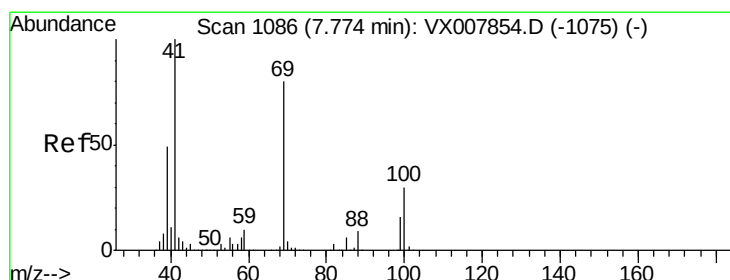
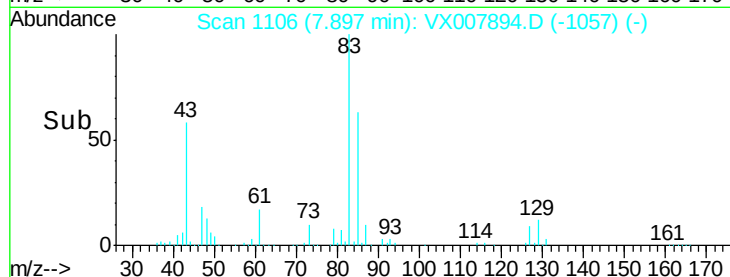
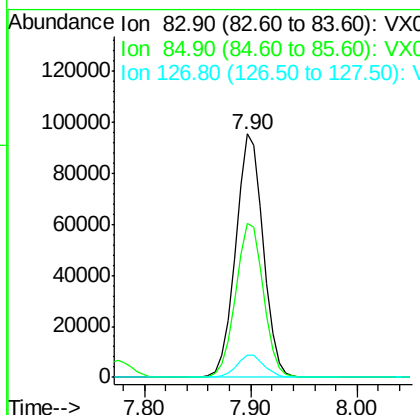
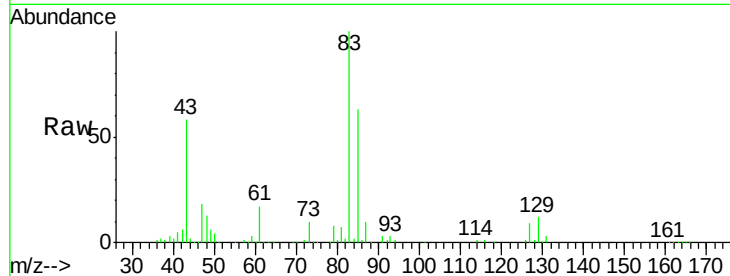
#47
Bromodichloromethane
Concen: 51.154 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
SW-2MS

Tot Ion	83	Resp	172744
Ion Ratio	Lower	Upper	
83	100		
85	63.2	50.9	76.3
127	9.1	7.4	11.0

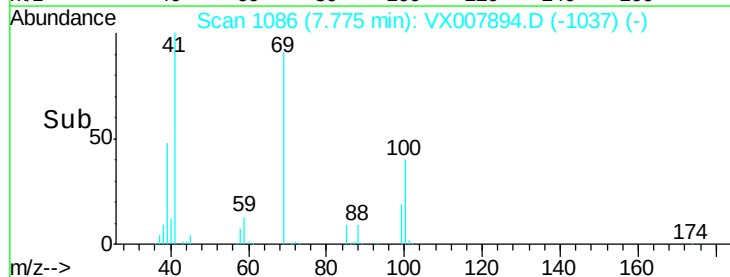
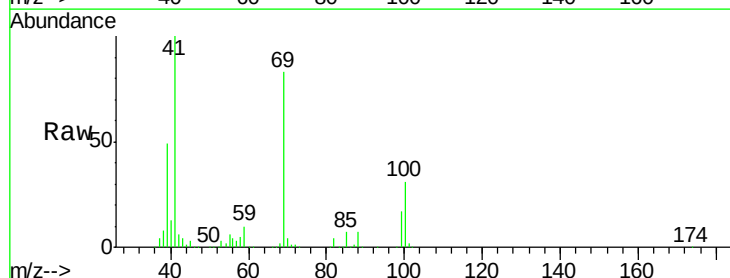
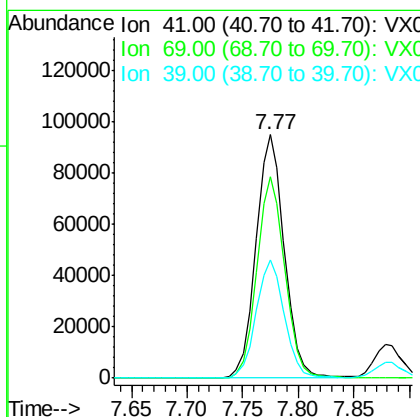
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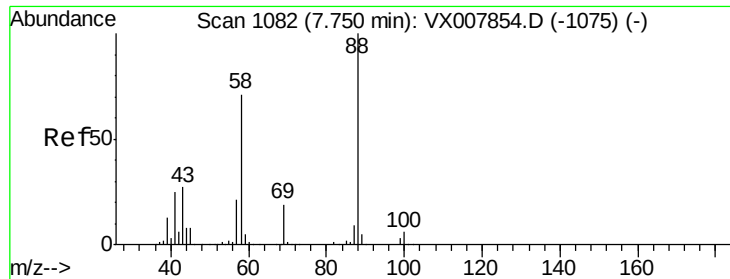
MMDadoda
3/8/2019 9:40:47 AM



#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





#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

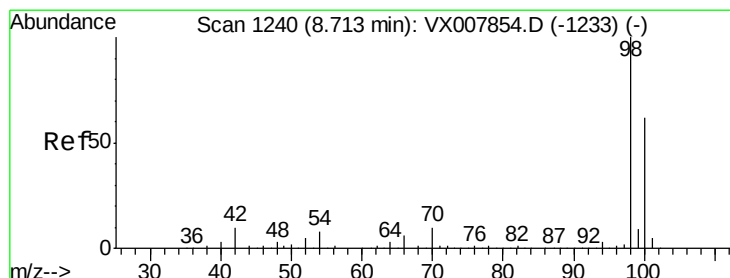
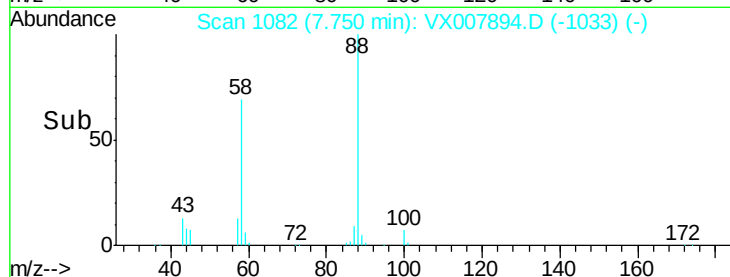
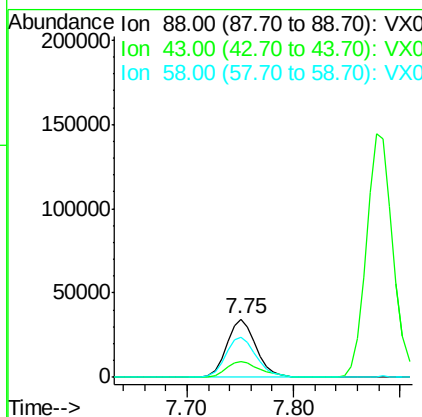
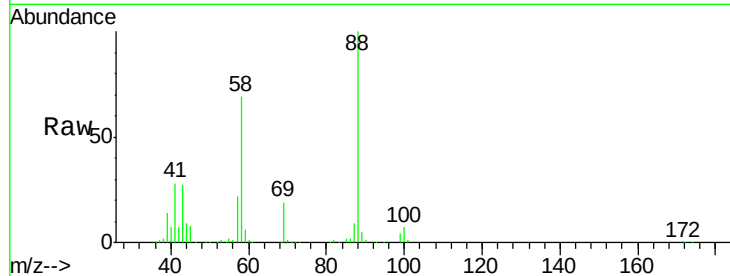
ClientSampleId :

SW-2MS

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

Manual Integrations
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#50

Toluene-d8

Concen: 50.850 ug/l

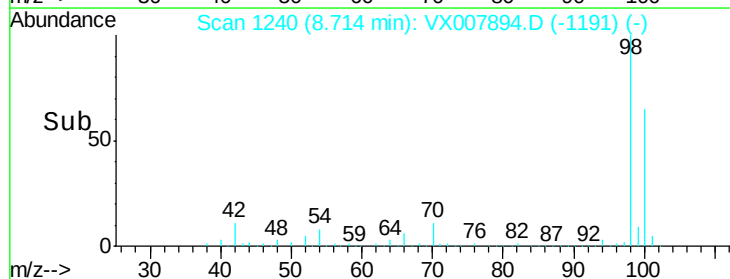
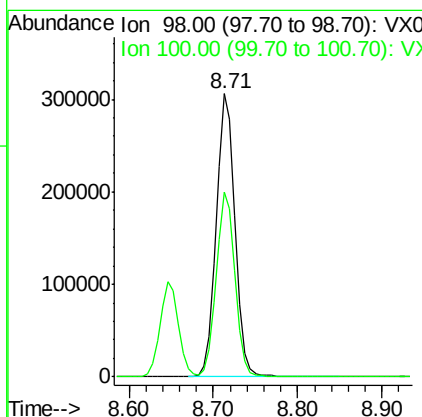
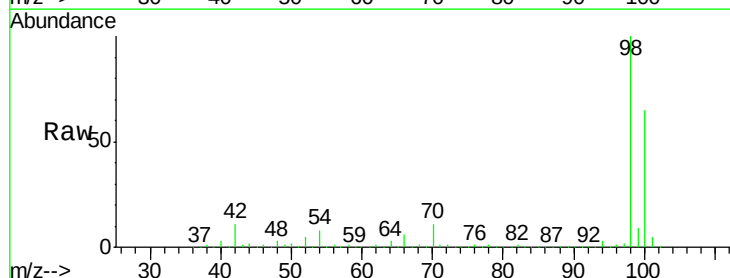
RT: 8.71 min Scan# 1240

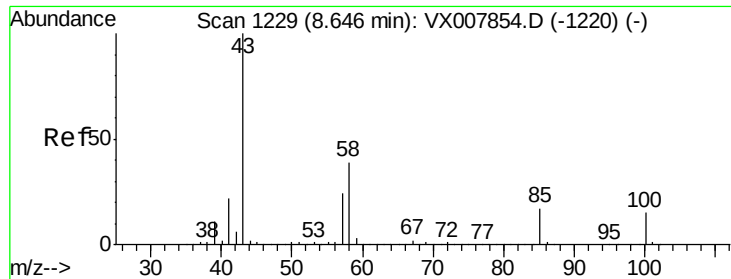
Delta R.T. 0.00 min

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





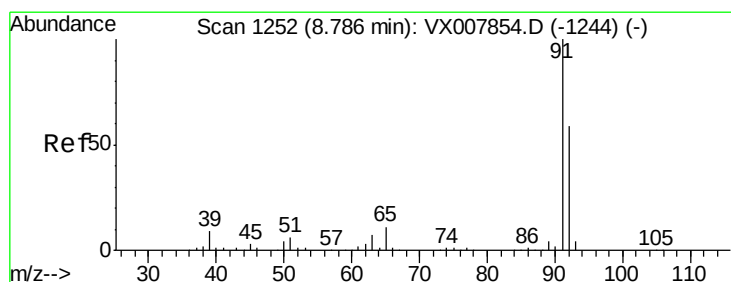
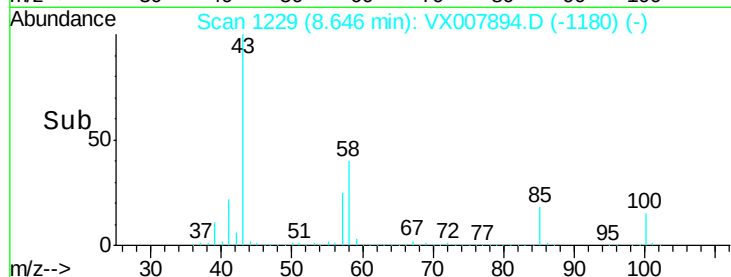
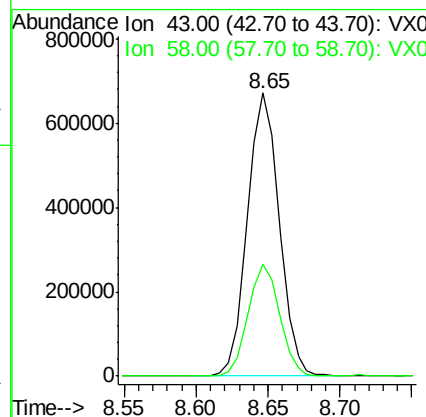
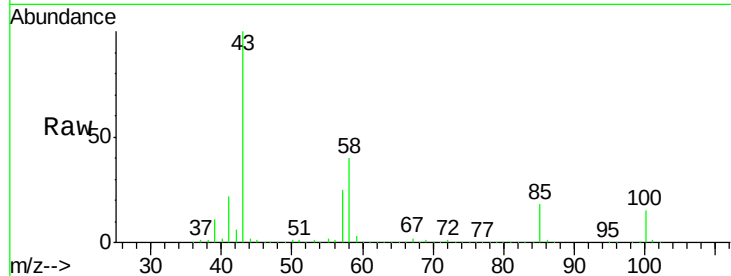
#51
 4-Methyl-2-Pentanone
 Concen: 254.165 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX007894.D
 Acq: 07 Mar 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-2MS

Tot Ion: 43 Resp: 1027532
 Ion Ratio Lower Upper
 43 100
 58 39.3 31.3 46.9

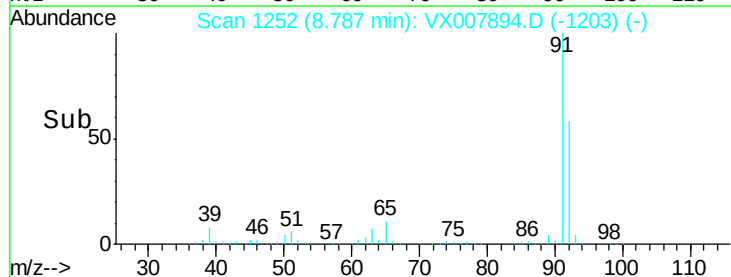
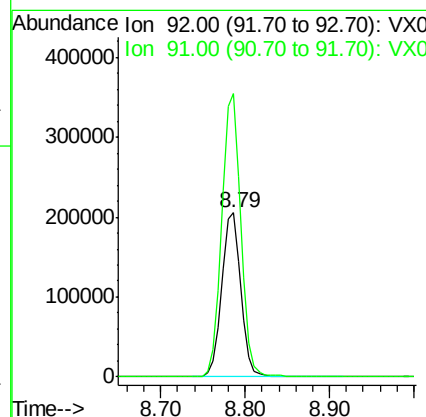
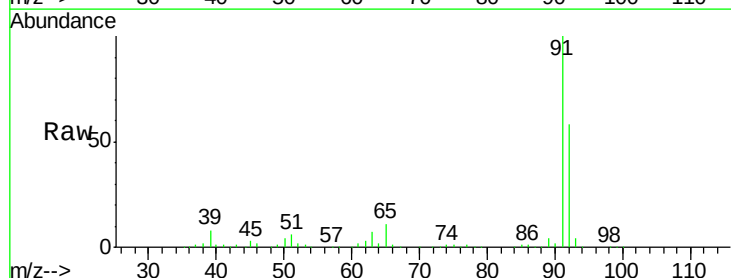
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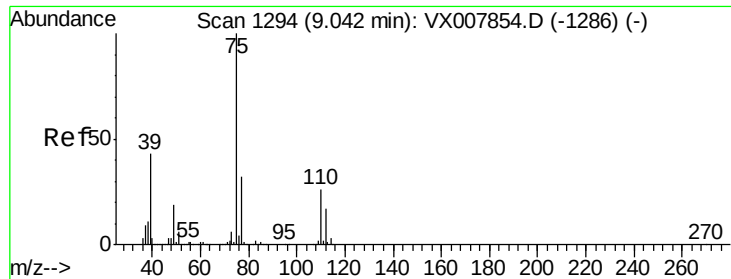
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#52
 Toluene
 Concen: 49.909 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX007894.D
 Acq: 07 Mar 2019 19:51

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

ClientSampleId :

SW-2MS

Tot Ion: 75 Resp: 184603

Ion Ratio Lower Upper

75 100

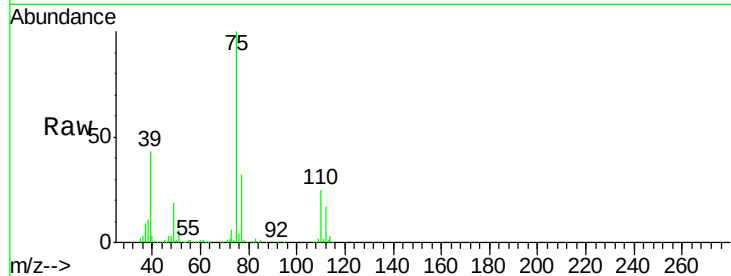
77 32.0 25.4 38.0

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

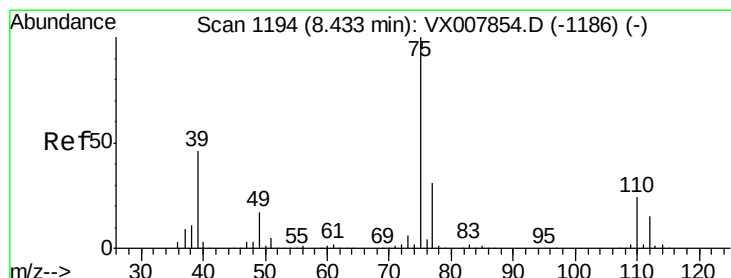
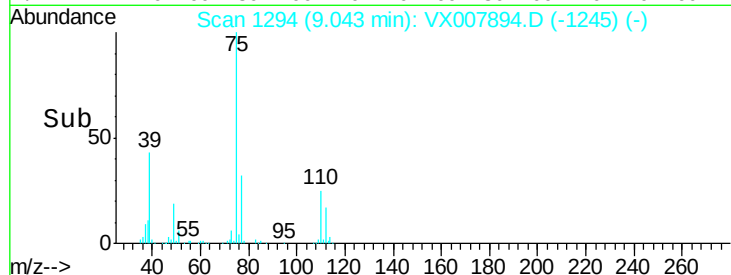
150000

100000

50000

0

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

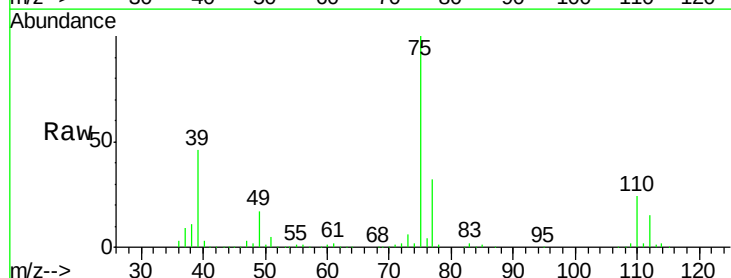
Tgt Ion: 75 Resp: 202814

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

8.43

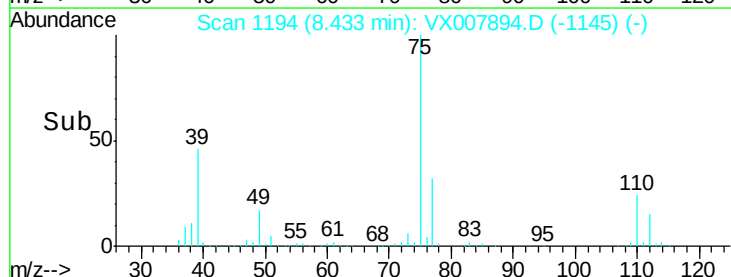
150000

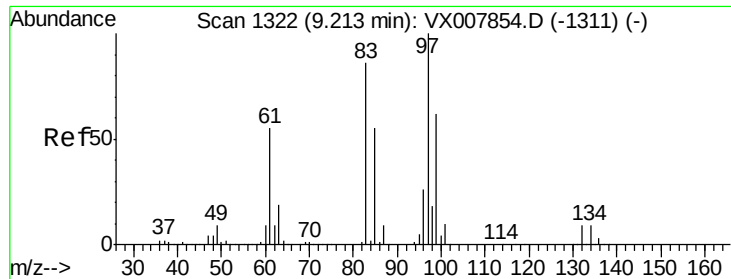
100000

50000

0

Time-->





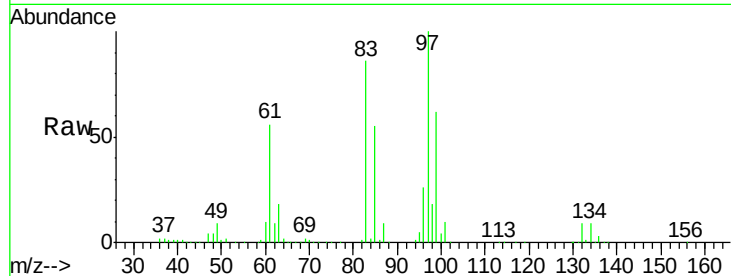
#55
1,1,2-Trichloroethane
Concen: 50.701 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Instrument :
MSVOA_X
ClientSampled :
SW-2MS

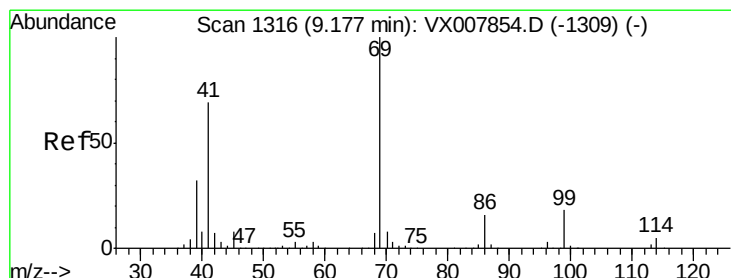
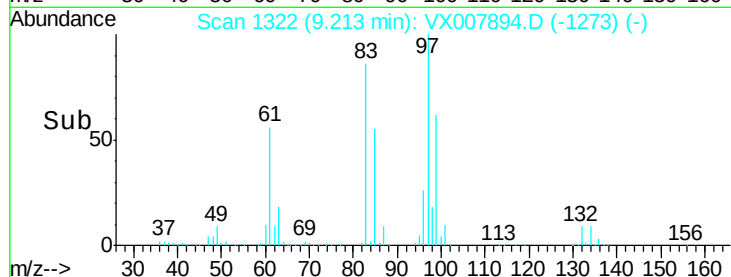
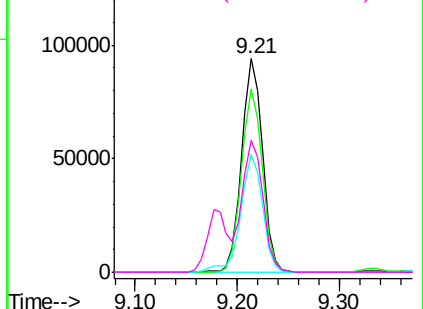
Tot Ion:	97	Resp:	133526
Ion	Ratio	Lower	Upper
97	100		
83	85.6	69.1	103.7
85	55.0	44.3	66.5
99	61.8	49.8	74.8

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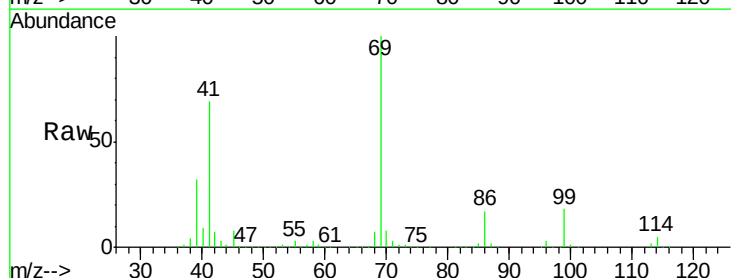


Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

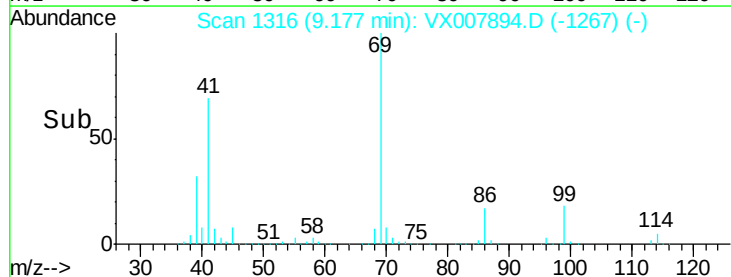
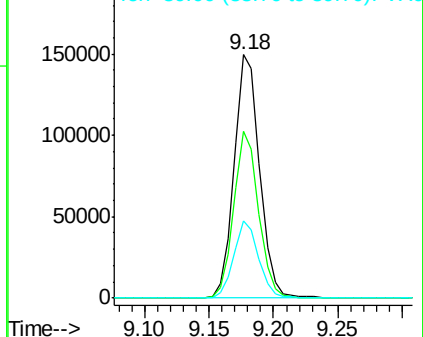


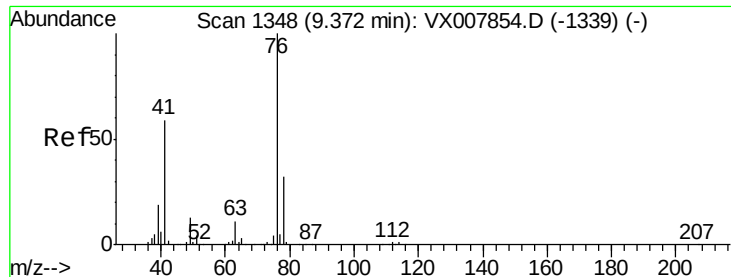
#56
Ethyl methacrylate
Concen: 52.215 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

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

Tot Ion: 76 Resp: 223892

Ion Ratio Lower Upper

76 100

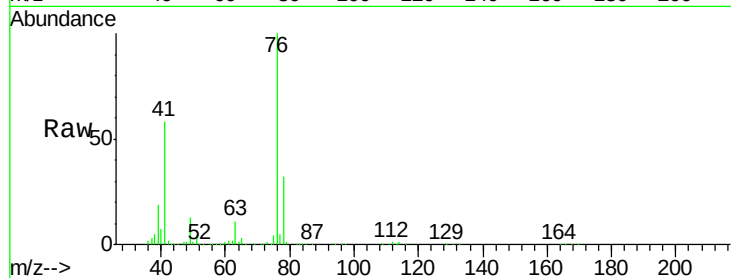
78 32.1 25.5 38.3

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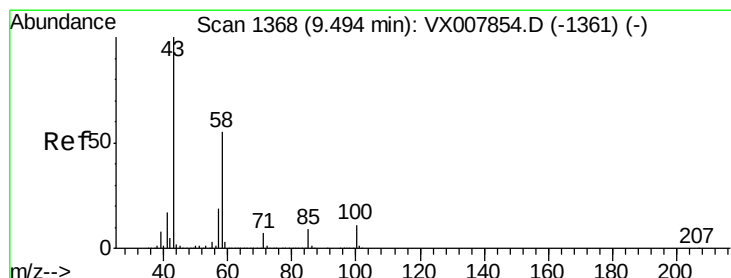
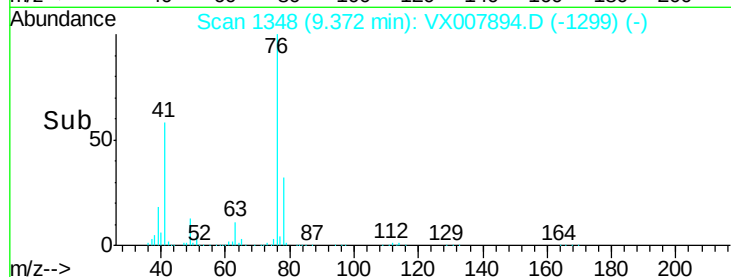
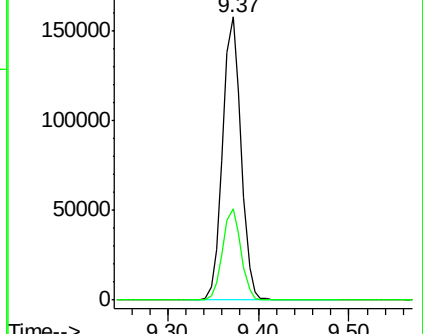
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Abundance Ion 75.90 (75.60 to 76.60): VX0

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

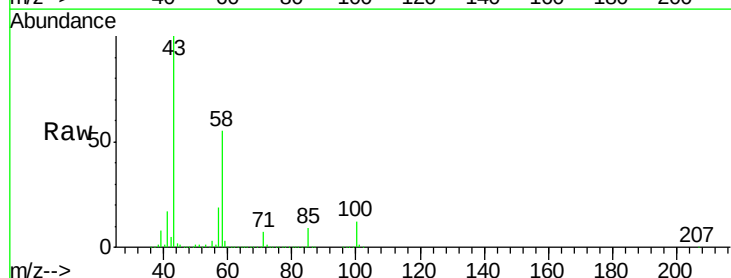
Acq: 07 Mar 2019 19:51

Tgt Ion: 43 Resp: 774875

Ion Ratio Lower Upper

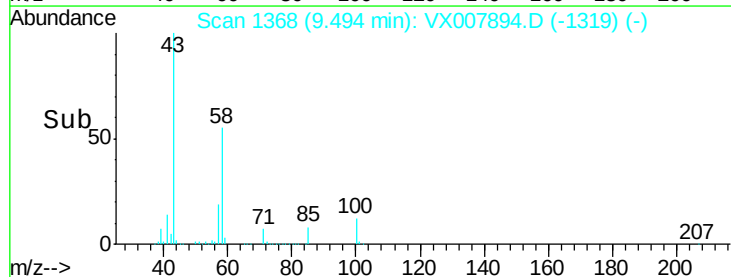
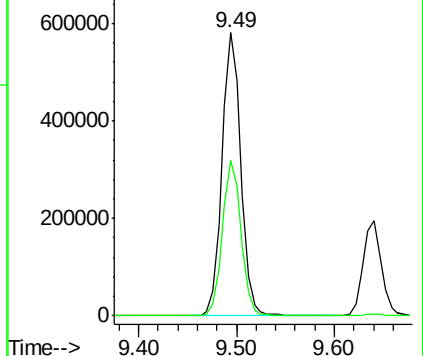
43 100

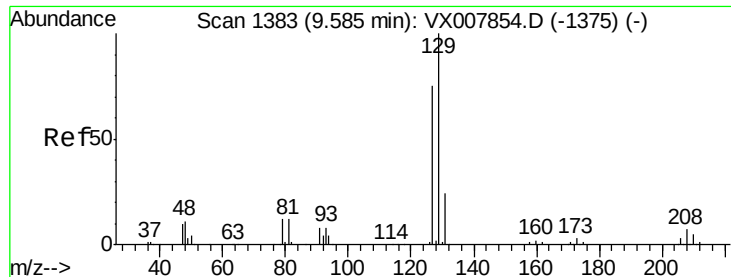
58 54.7 27.6 82.7



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

ClientSampleId :

SW-2MS

Tot Ion:129 Resp: 146003

Ion Ratio Lower Upper

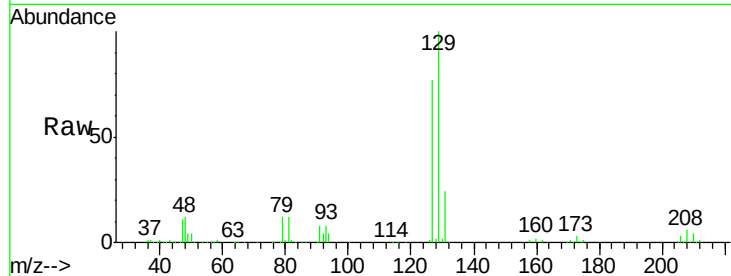
129 100

127 77.2 38.3 114.8

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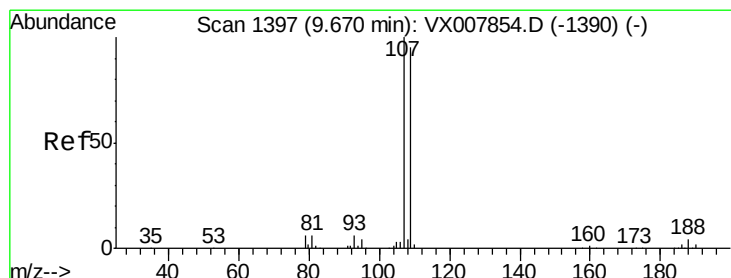
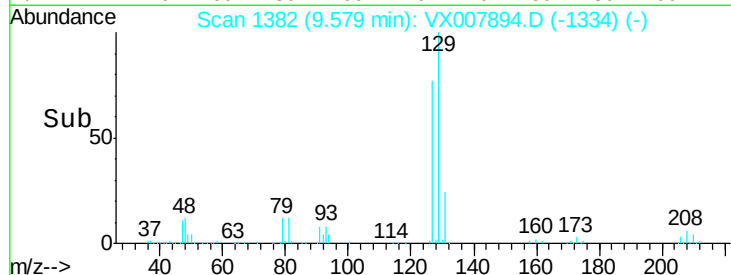
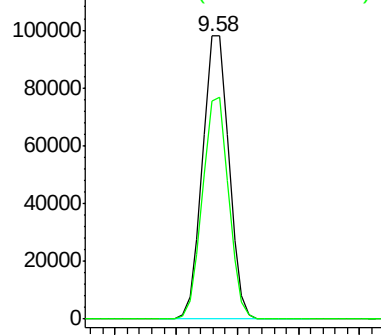
MMDadoda

3/8/2019 9:40:47 AM



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

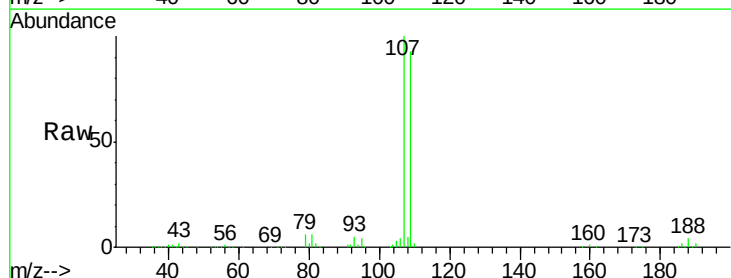
Acq: 07 Mar 2019 19:51

Tgt Ion:107 Resp: 141371

Ion Ratio Lower Upper

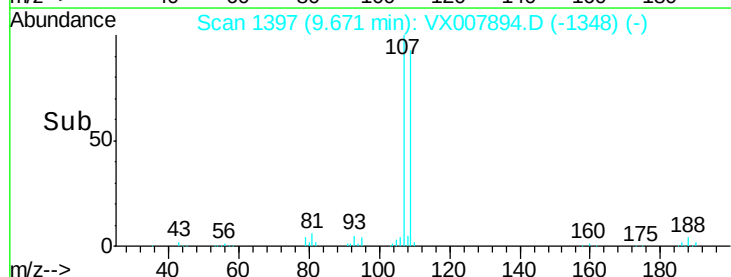
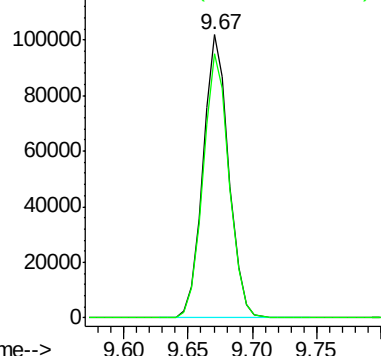
107 100

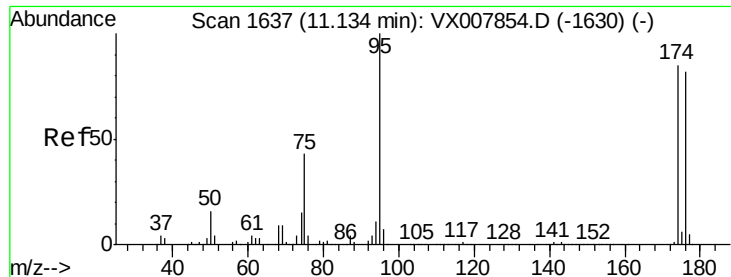
109 94.6 75.8 113.8



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

Tot Ion: 95 Resp: 166550

Ion Ratio Lower Upper

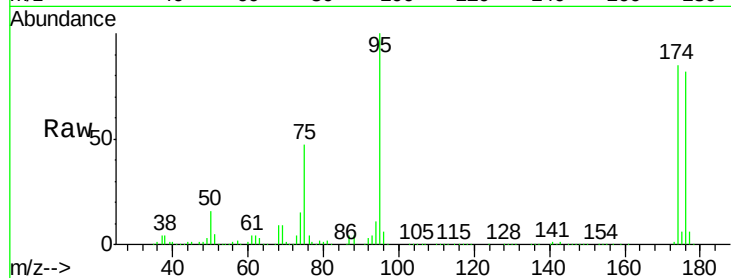
95 100

174 91.6 0.0 182.8

176 89.5 0.0 178.0

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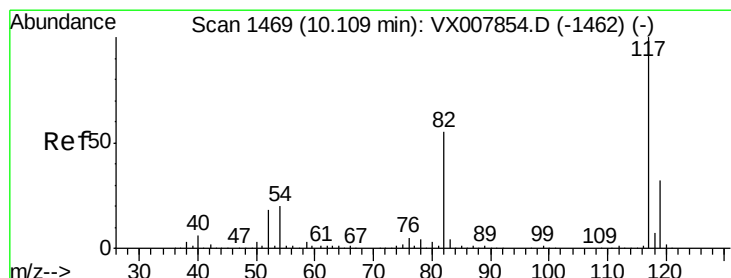
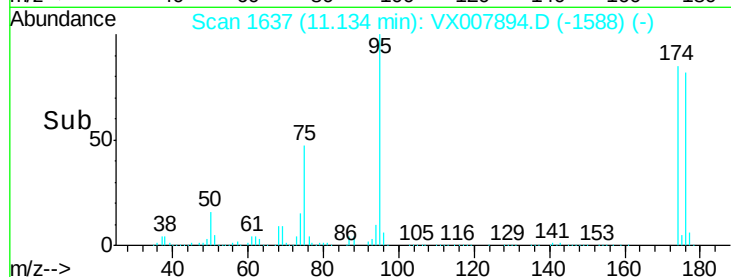
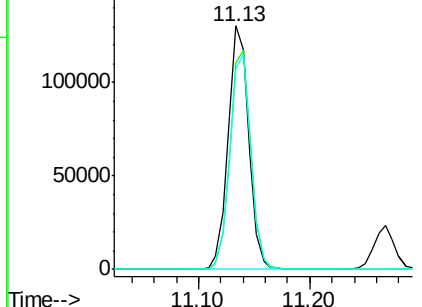
MMDadoda
3/8/2019 9:40:47 AM



Abundance Ion 94.90 (94.60 to 95.60): VX007854.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX007854.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX007854.D (-1630) (-)



#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

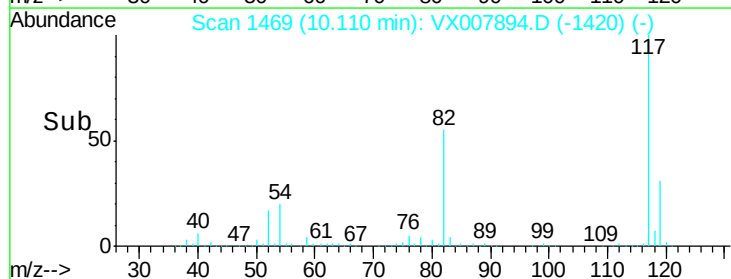
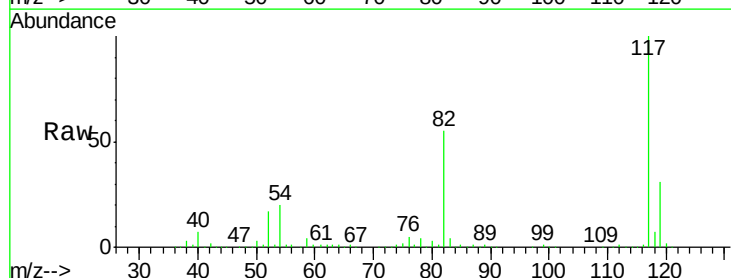
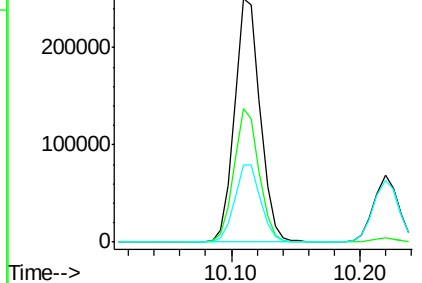
82 55.0 44.3 66.5

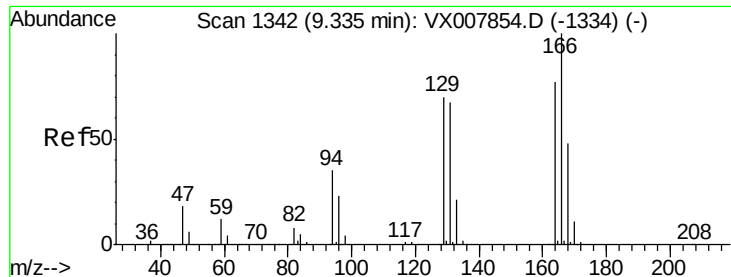
119 31.5 25.3 37.9

Abundance Ion 116.90 (116.60 to 117.60): VX007854.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX007854.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX007854.D (-1462) (-)





#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

Tot Ion:164 Resp: 130502

Ion Ratio Lower Upper

164 100

166 129.2 103.4 155.0

129 90.0 72.2 108.4

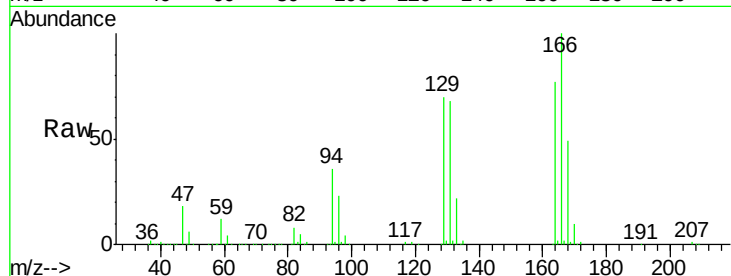
131 87.8 69.4 104.2

Manual Integrations

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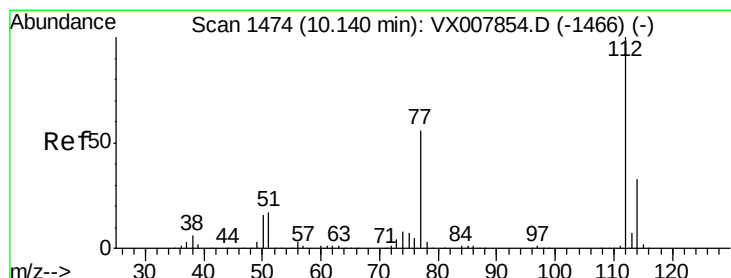
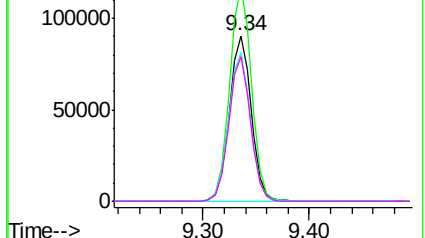
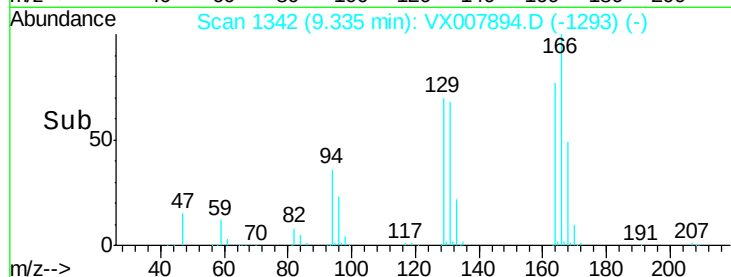


Abundance Ion 163.80 (163.50 to 164.50): V

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

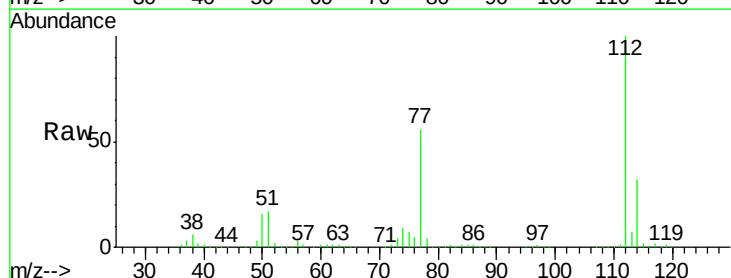
Acq: 07 Mar 2019 19:51

Tgt Ion:112 Resp: 354051

Ion Ratio Lower Upper

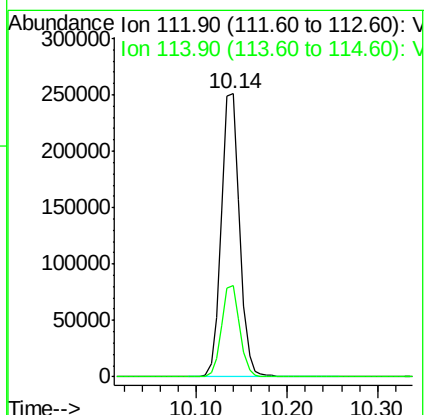
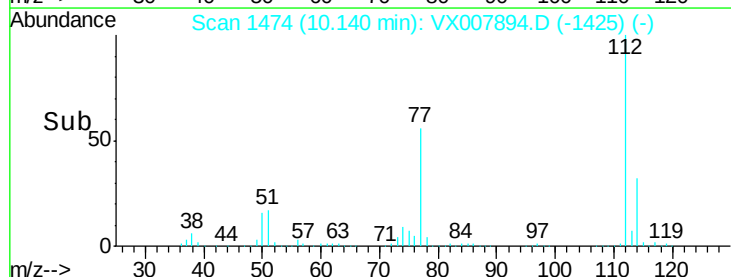
112 100

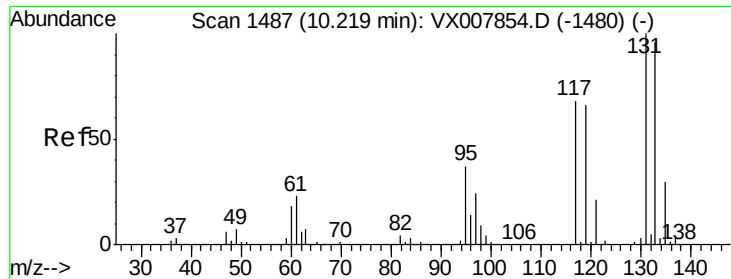
114 32.3 26.0 39.0



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

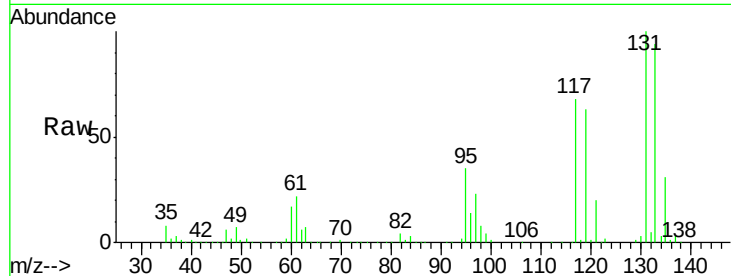
ClientSampleId :

SW-2MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.5	47.8	143.3
119	65.0	32.5	97.5

Manual Integrations
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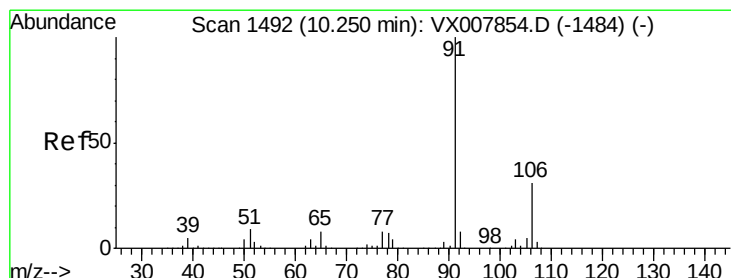
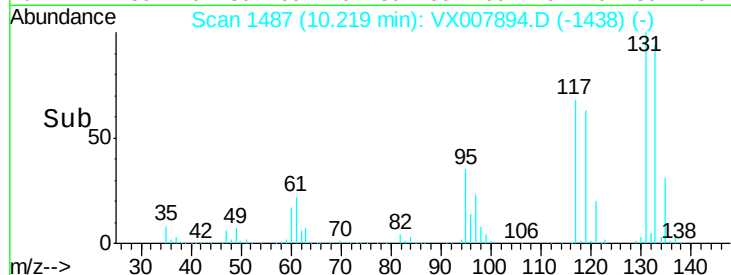
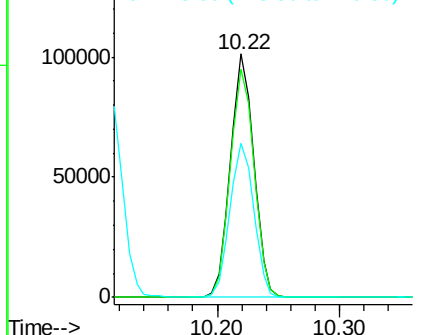
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Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 50.105 ug/l

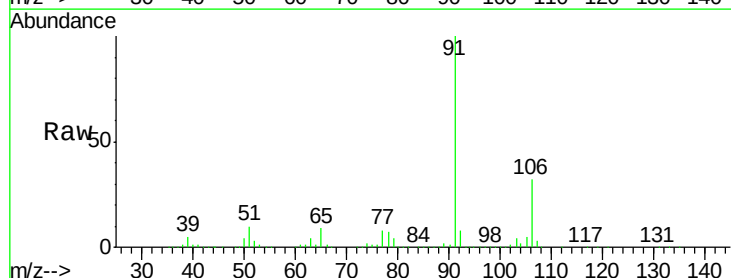
RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007894.D

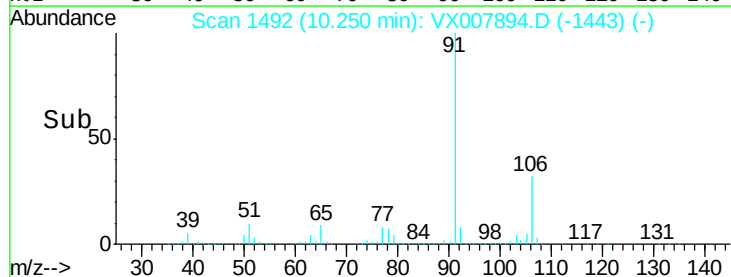
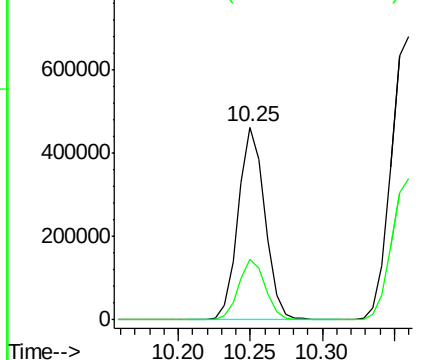
Acq: 07 Mar 2019 19:51

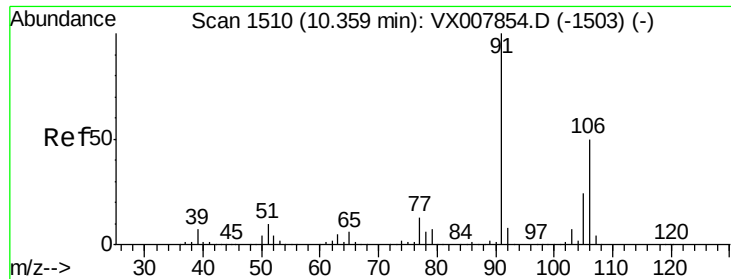
Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.7	25.2	37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





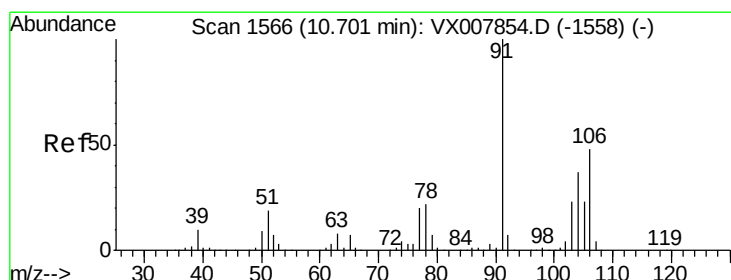
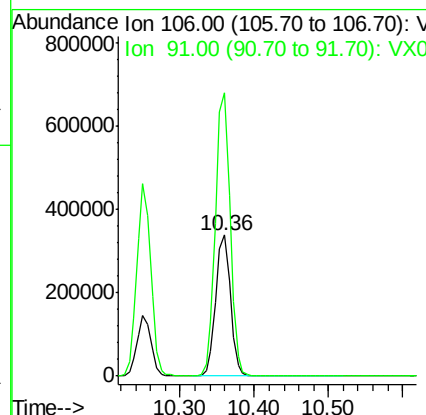
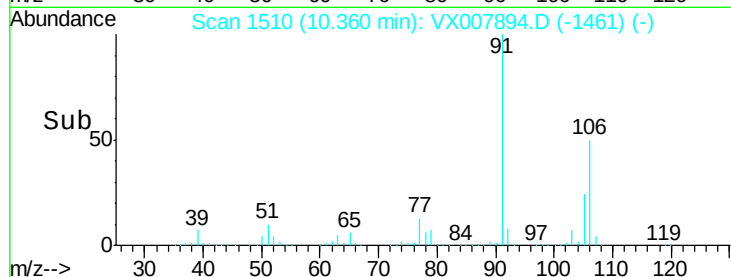
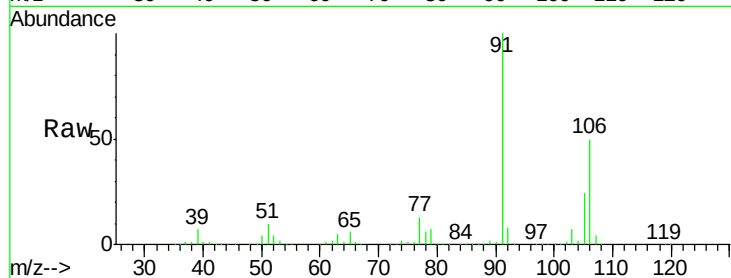
#68
m/p-Xylenes
Concen: 99.776 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
SW-2MS

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

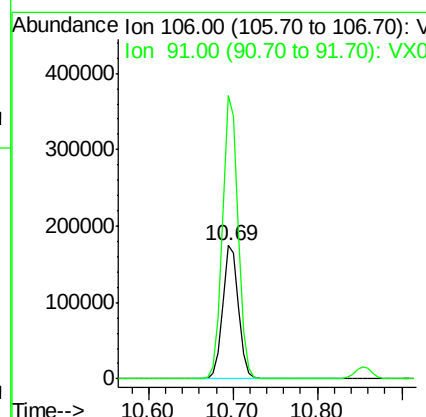
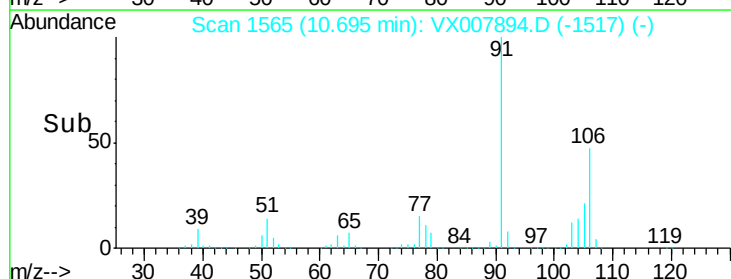
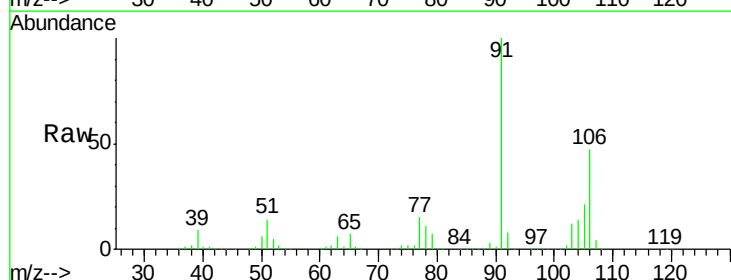
Manual Integrations
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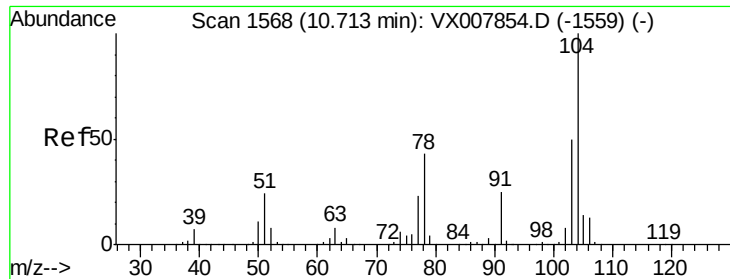
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#69
o-Xylene
Concen: 50.997 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

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





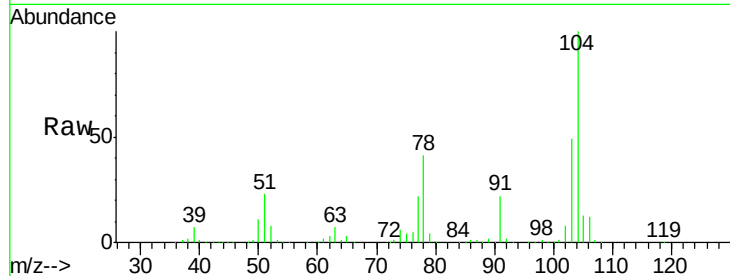
#70
Stvrene
Concen: 50.686 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
SW-2MS

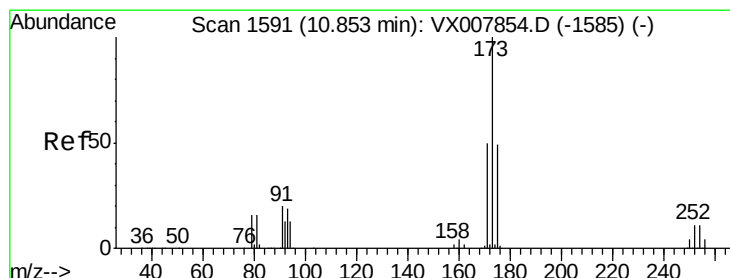
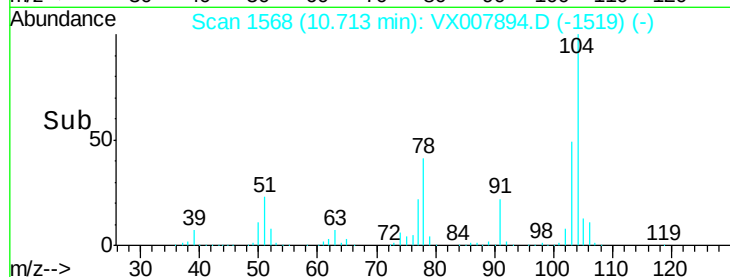
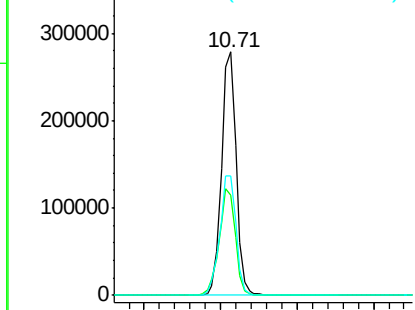
Tot Ion	Ratio	Lower	Upper
104	100		
78	48.3	38.5	57.7
103	54.8	44.1	66.1

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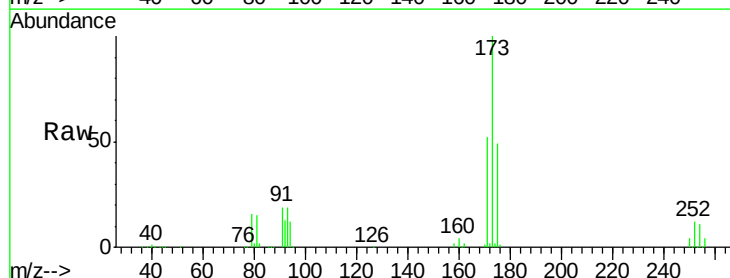


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

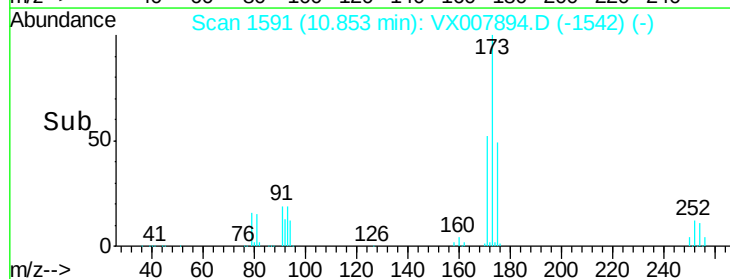
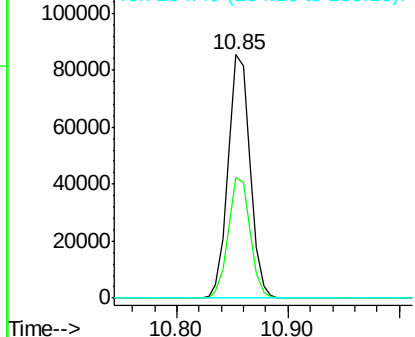


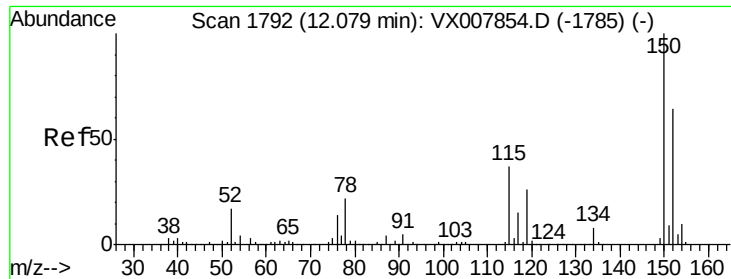
#71
Bromoform
Concen: 52.084 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Tgt Ion	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

ClientSampled :

SW-2MS

Tot Ion:152 Resp: 173190

Ion Ratio Lower Upper

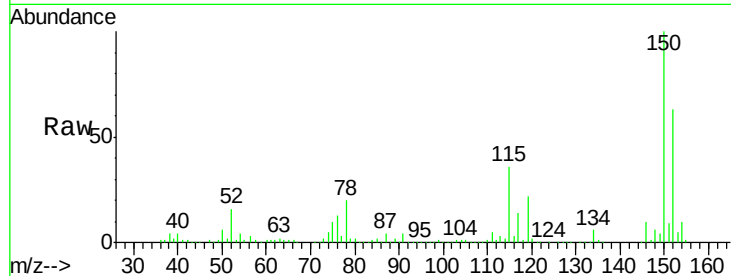
152 100

115 77.2 38.6 115.7

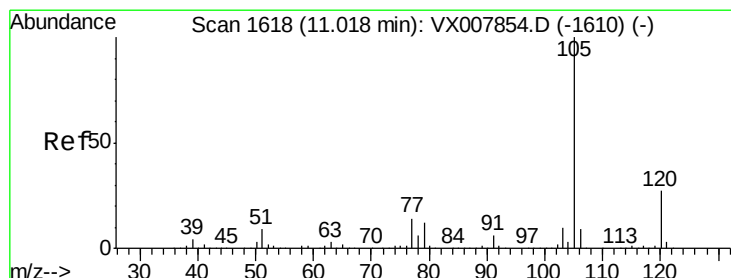
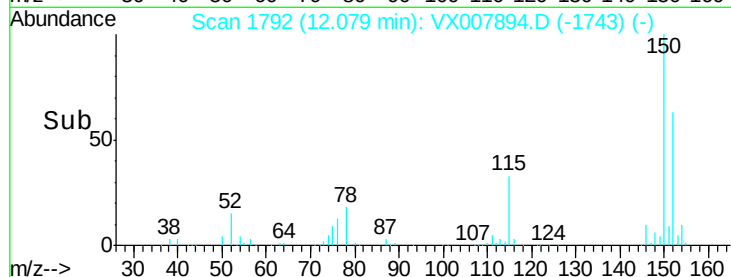
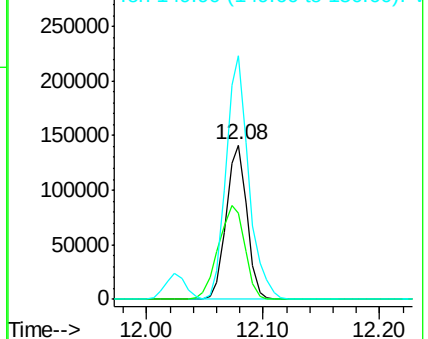
150 173.0 0.0 348.4

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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

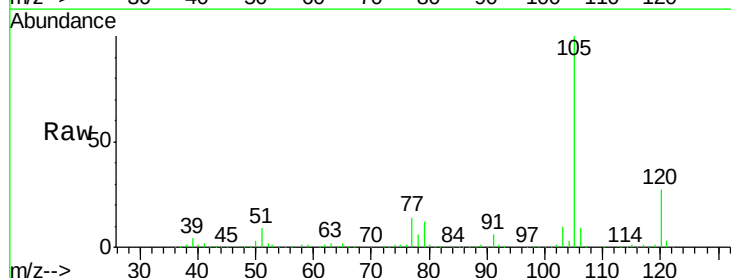
Acq: 07 Mar 2019 19:51

Tgt Ion:105 Resp: 598541

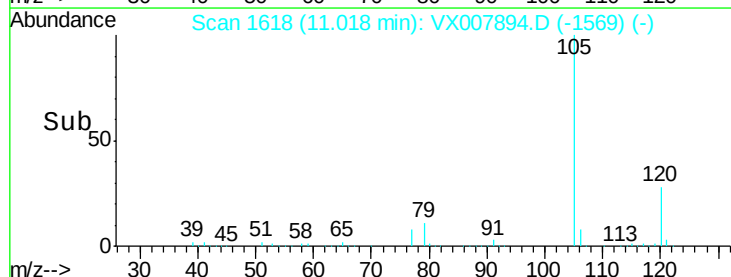
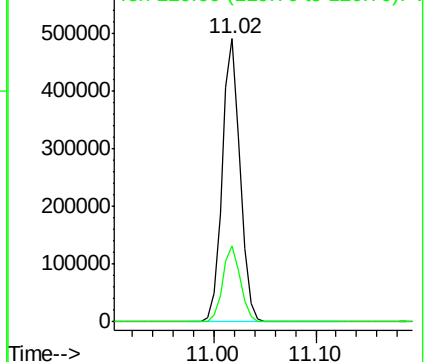
Ion Ratio Lower Upper

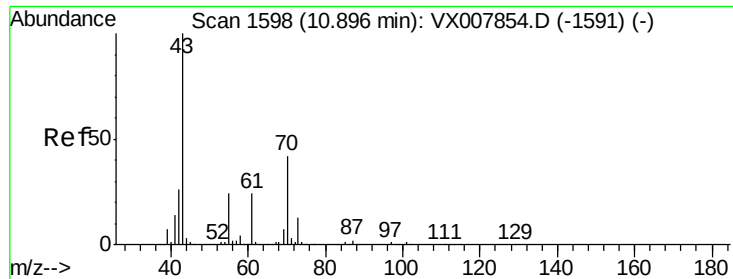
105 100

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-amvl 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

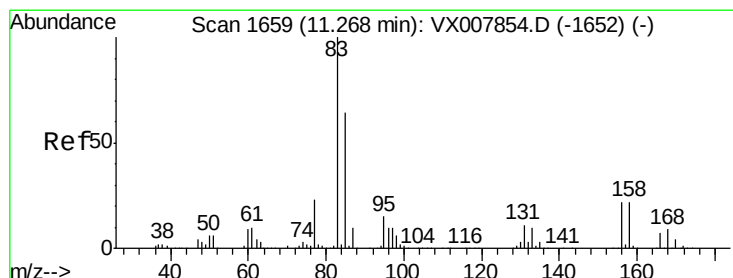
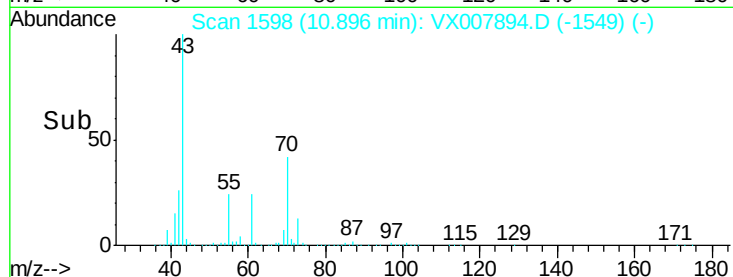
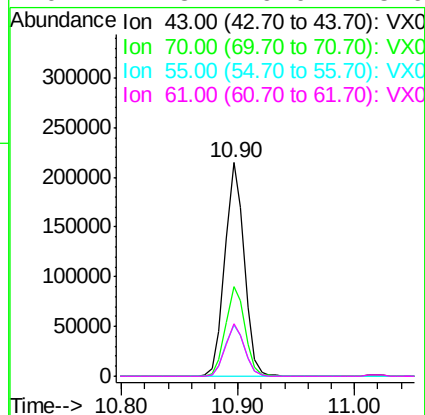
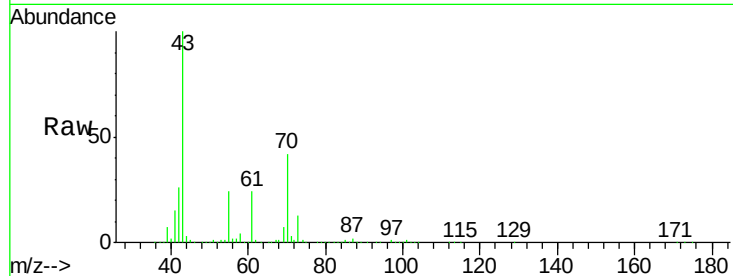
ClientSampleId :

SW-2MS

Tot 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

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 48.980 ug/l

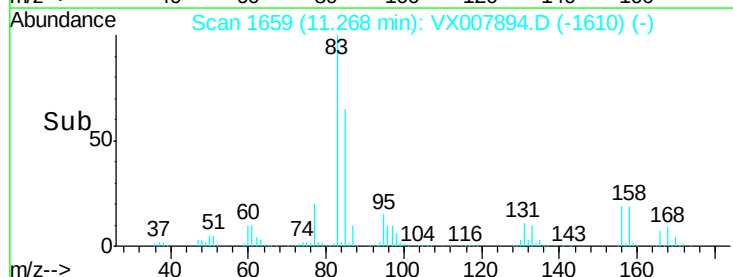
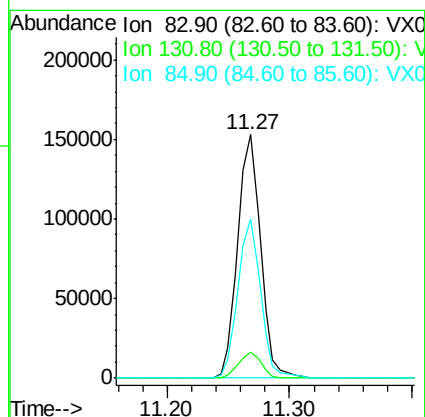
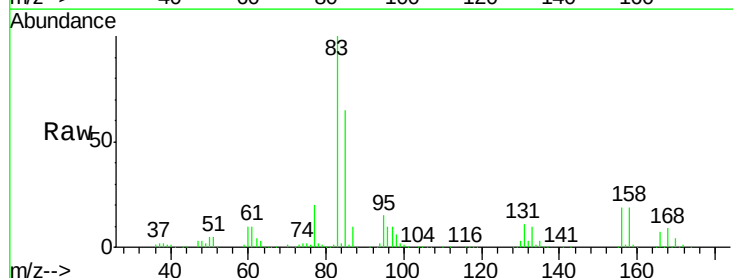
RT: 11.27 min Scan# 1659

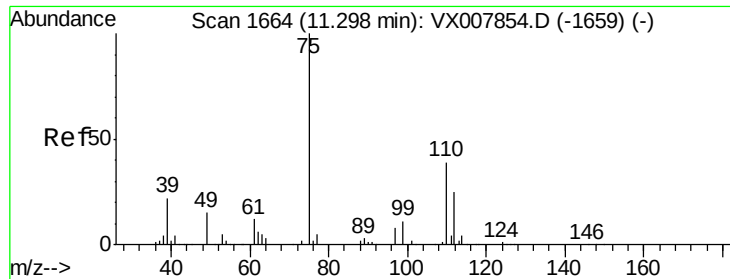
Delta R.T. 0.00 min

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





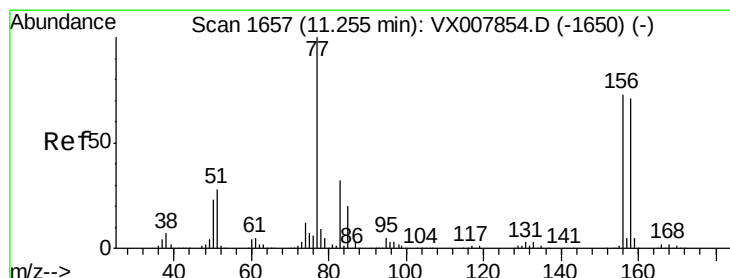
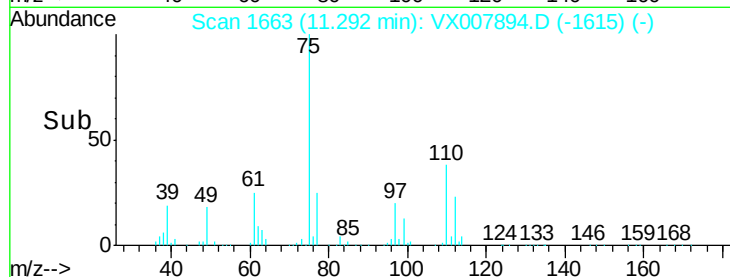
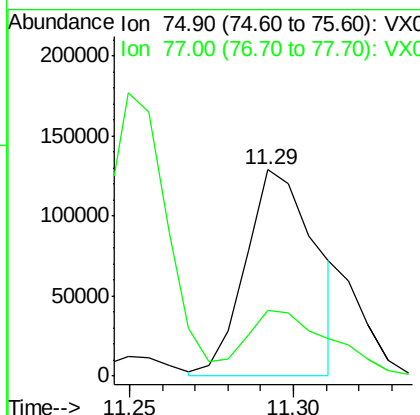
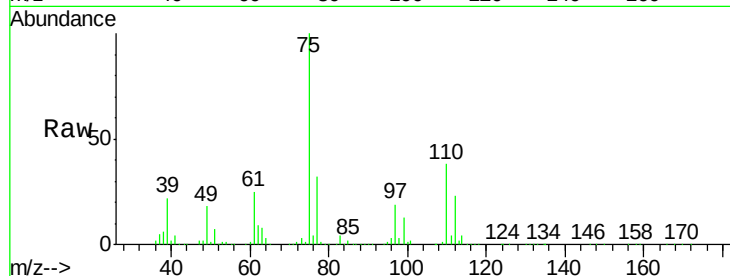
#76
1,2,3-Trichloropropane
Concen: 52.560 ug/l m
RT: 11.29 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
SW-2MS

Tot Ion: 75 Resp: 191017
Ion Ratio Lower Upper
75 100
77 38.9 18.9 56.7

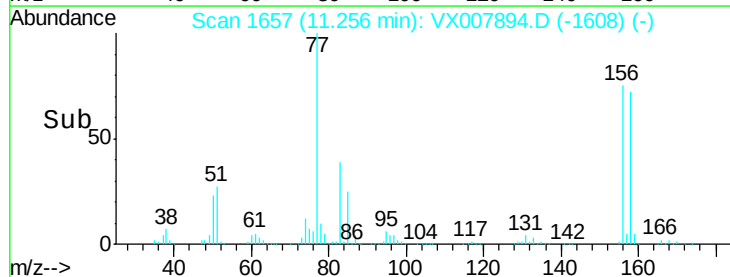
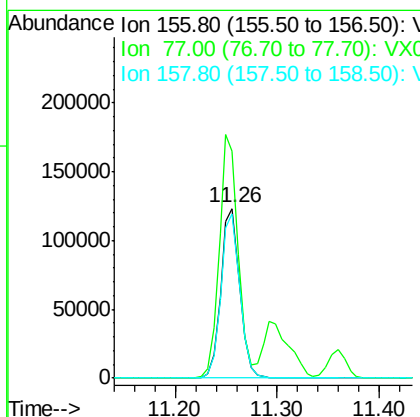
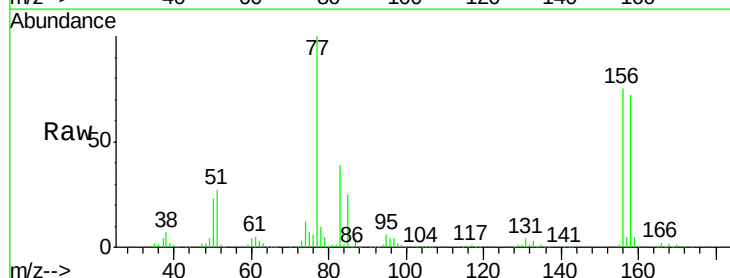
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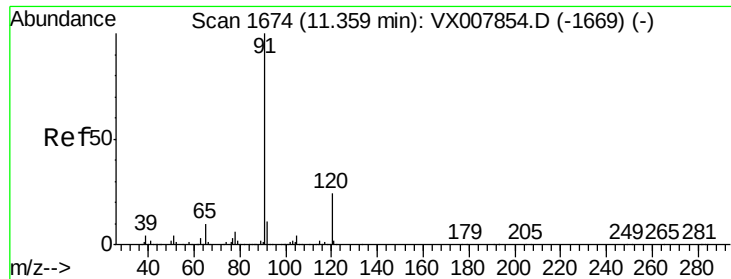
MMDadoda
3/8/2019 9:40:47 AM



#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





#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

Tot Ion: 91 Resp: 666079

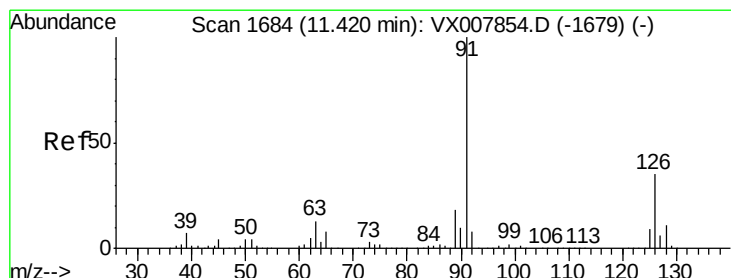
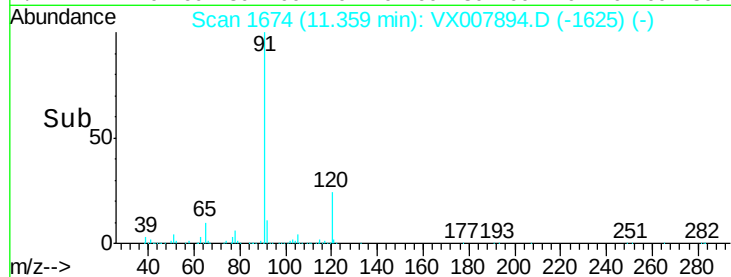
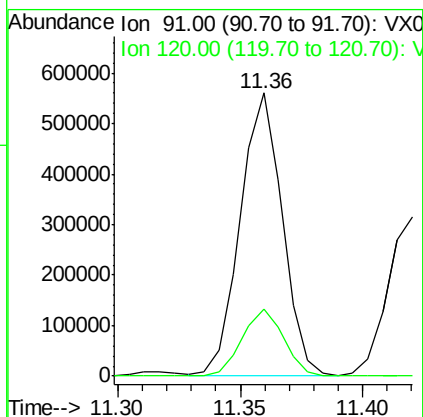
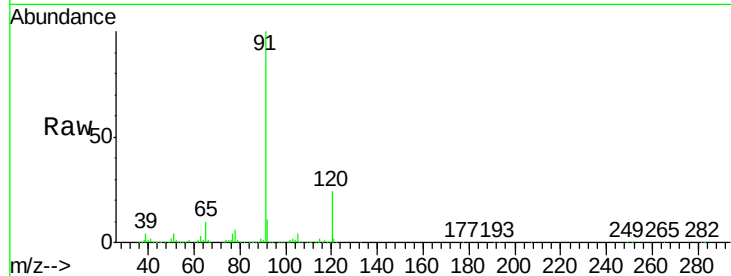
Ion Ratio Lower Upper

91 100

120 23.9 12.0 36.0

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#79

2-Chlorotoluene

Concen: 49.859 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007894.D

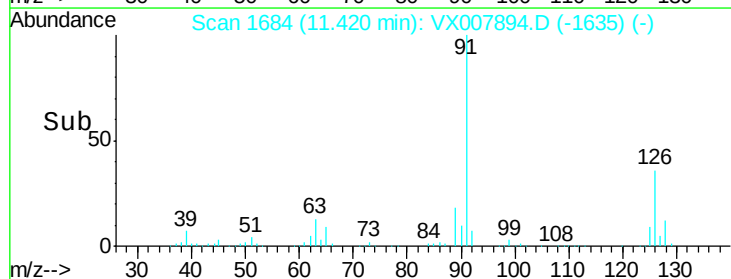
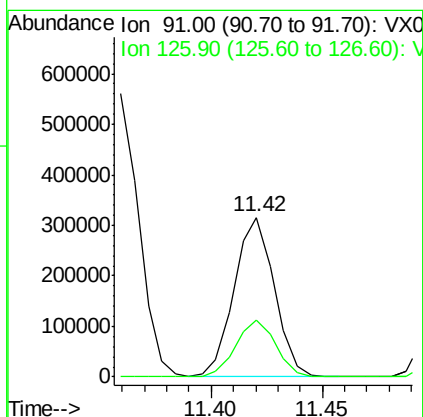
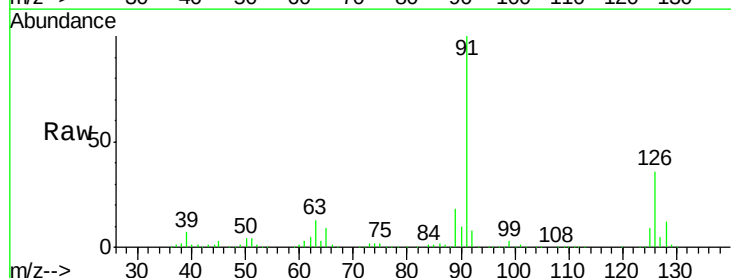
Acq: 07 Mar 2019 19:51

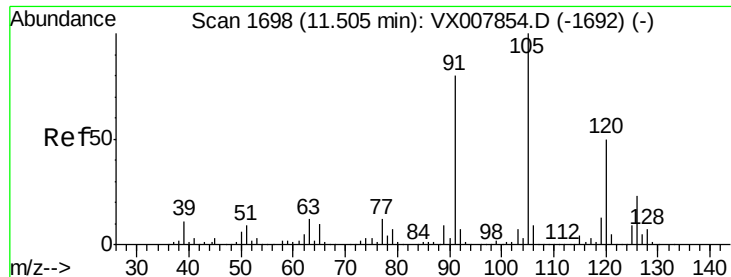
Tgt Ion: 91 Resp: 396135

Ion Ratio Lower Upper

91 100

126 35.5 17.5 52.6





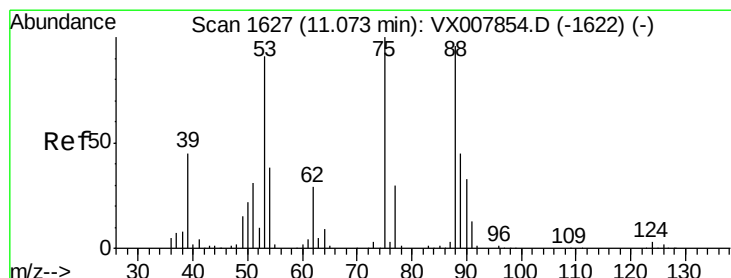
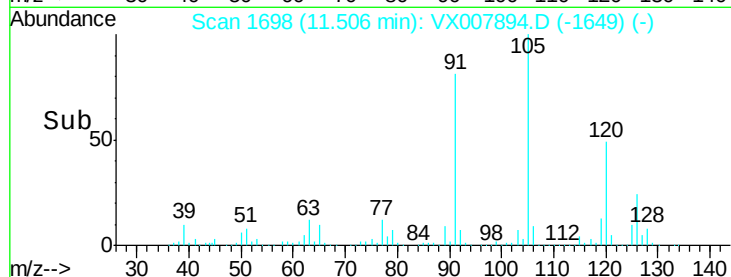
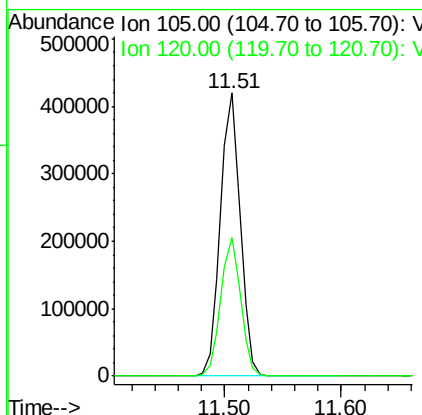
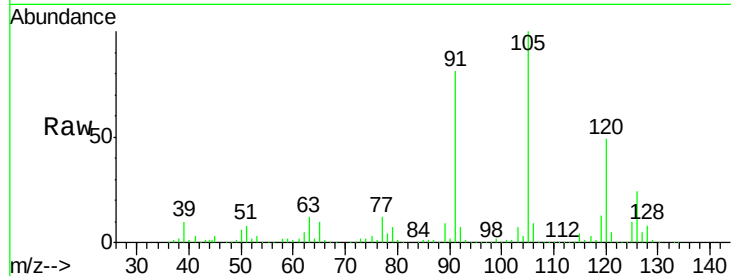
#80
 1,3,5-Trimethylbenzene
 Concen: 51.380 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007894.D
 Acq: 07 Mar 2019 19:51

Instrument :
 MSVOA_X
 ClientSampled :
 SW-2MS

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

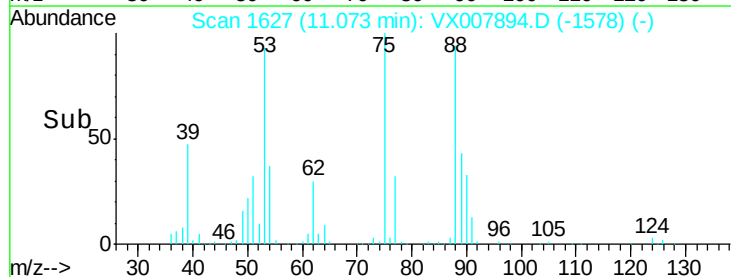
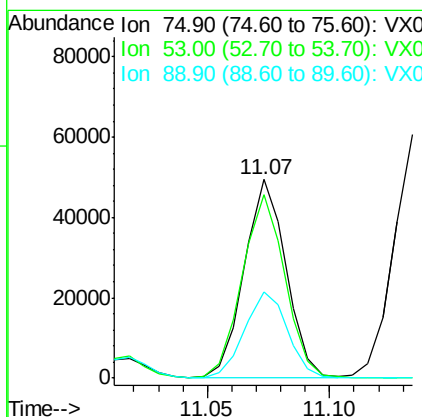
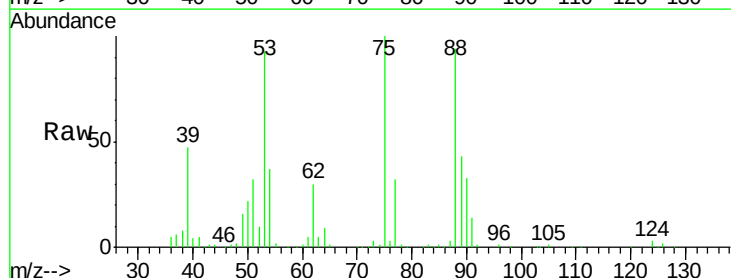
Manual Integrations
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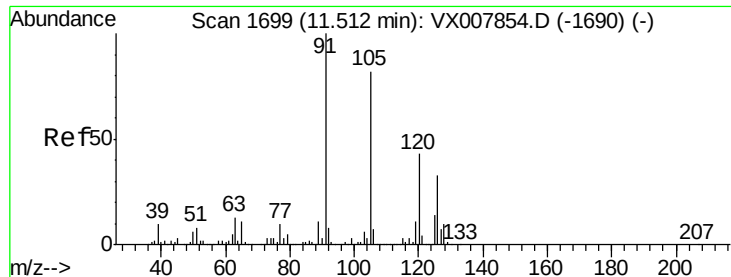
MMDadoda
 3/8/2019 9:40:47 AM



#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





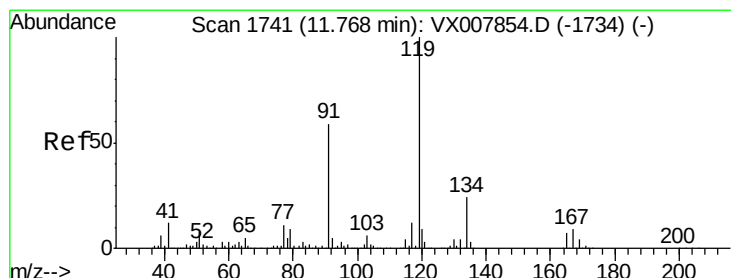
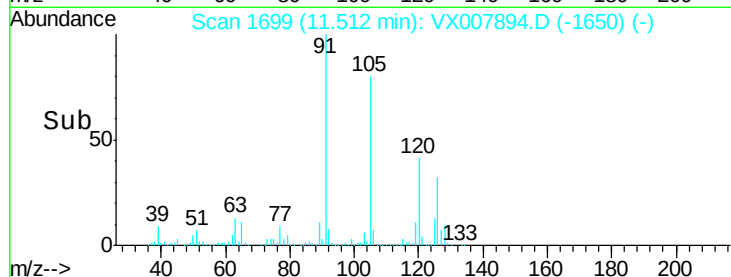
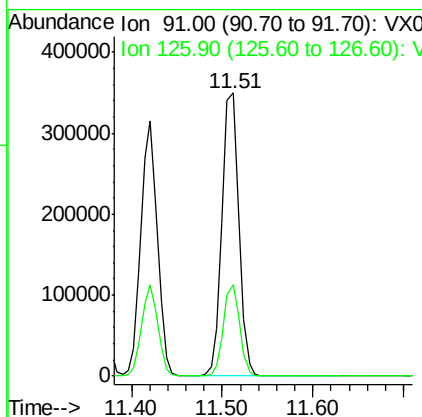
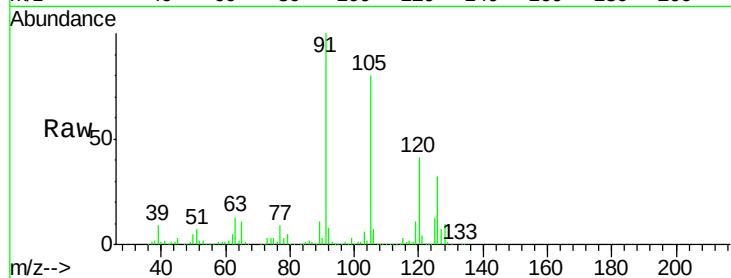
#82
4-Chlorotoluene
Concen: 50.340 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
SW-2MS

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

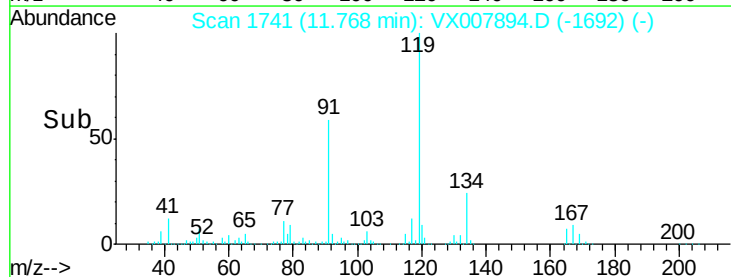
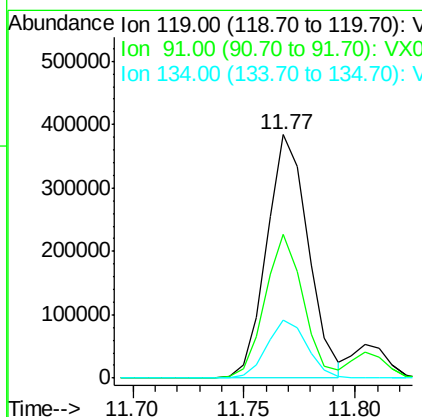
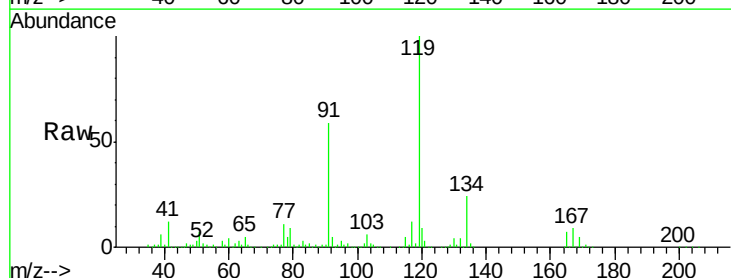
Manual Integrations
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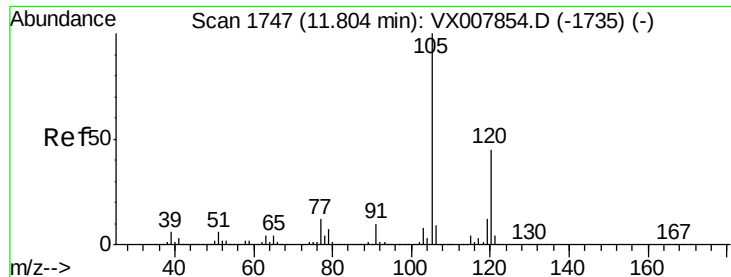
MMDadoda
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#83
tert-Butylbenzene
Concen: 51.222 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	497410		
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

ClientSampled :

SW-2MS

Tot Ion:105 Resp: 503674

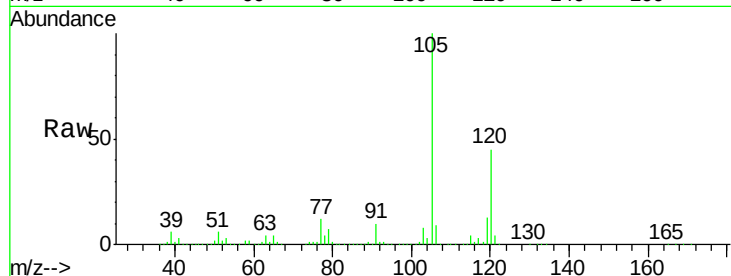
Ion Ratio Lower Upper

105 100

120 45.0 22.6 67.7

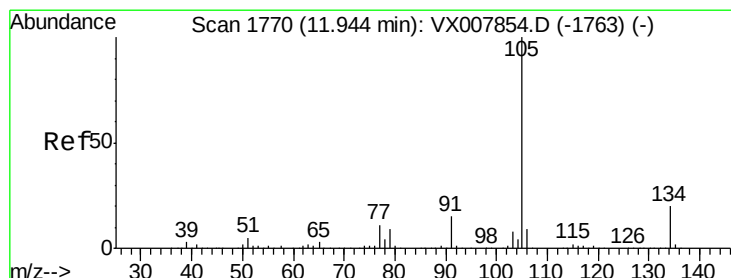
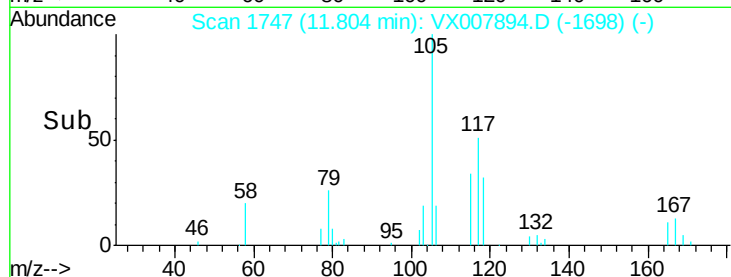
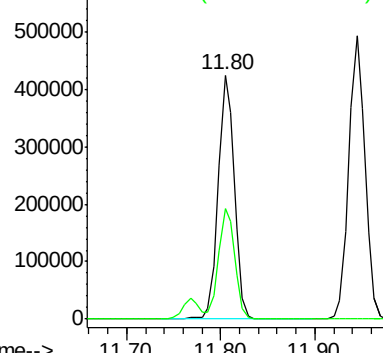
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 51.507 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007894.D

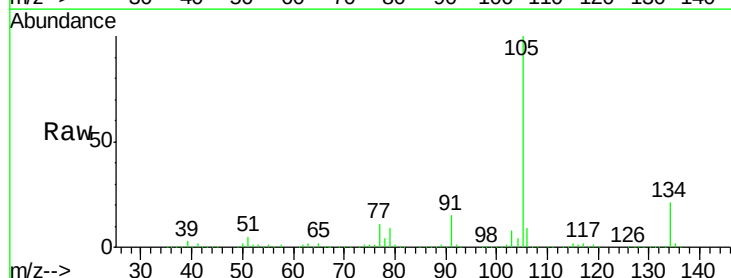
Acq: 07 Mar 2019 19:51

Tgt Ion:105 Resp: 589092

Ion Ratio Lower Upper

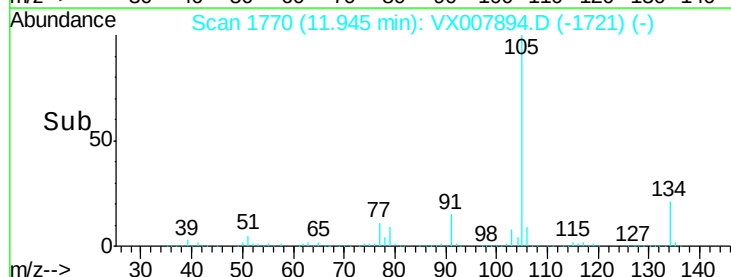
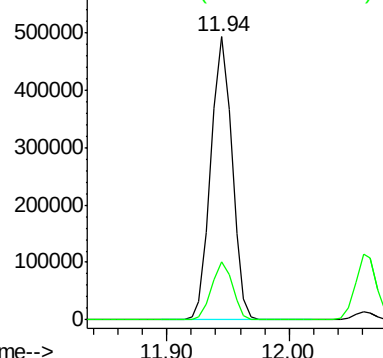
105 100

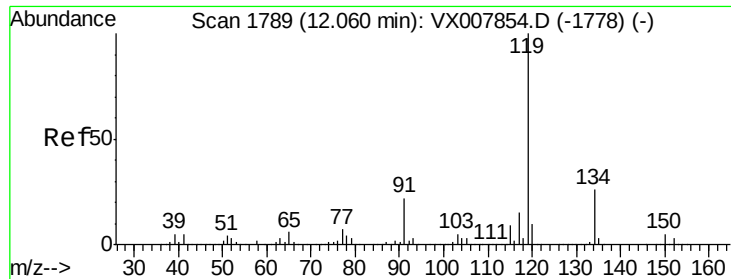
134 20.4 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#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

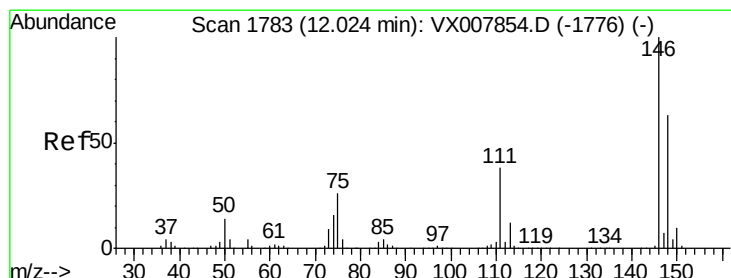
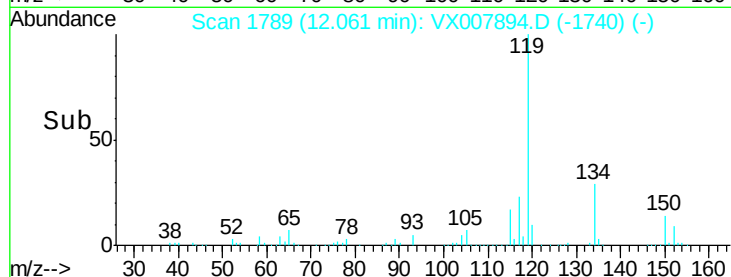
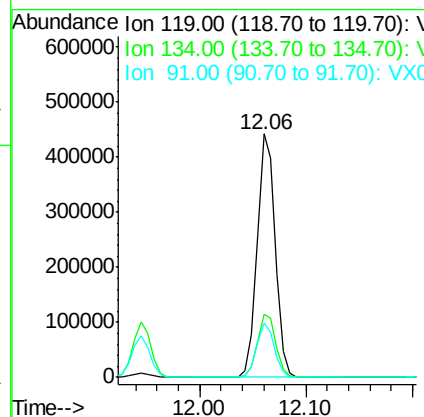
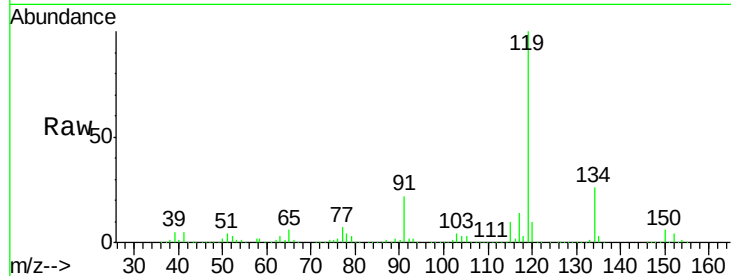
ClientSampled :

SW-2MS

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

Manual Integrations
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#87

1,3-Dichlorobenzene

Concen: 48.675 ug/l

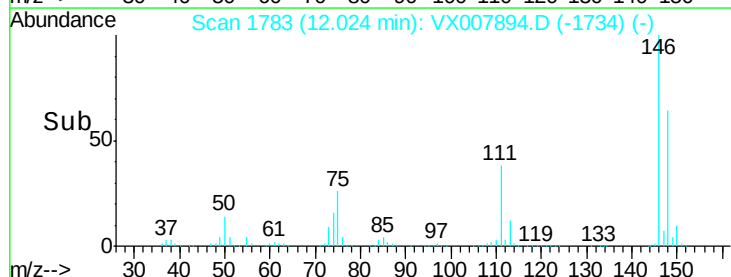
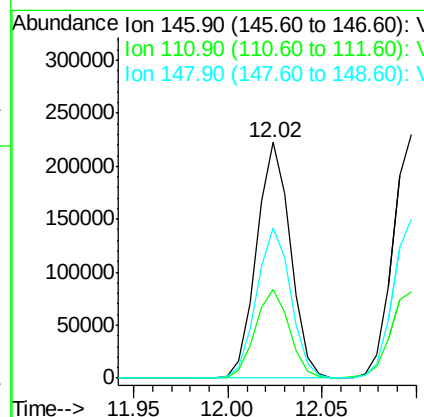
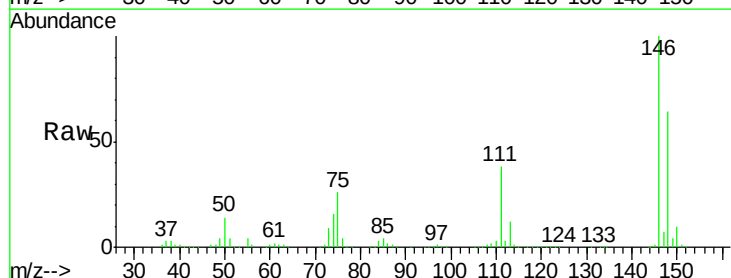
RT: 12.02 min Scan# 1783

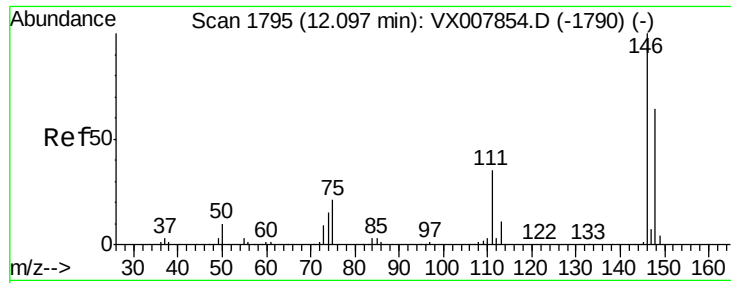
Delta R.T. 0.00 min

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





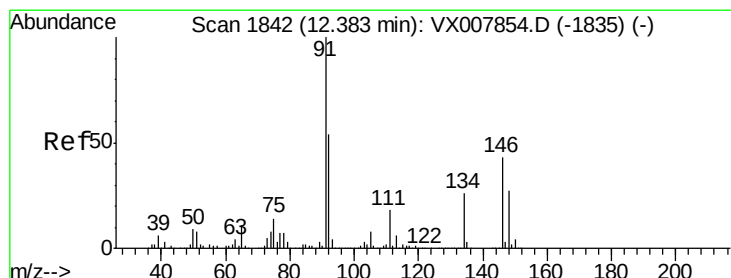
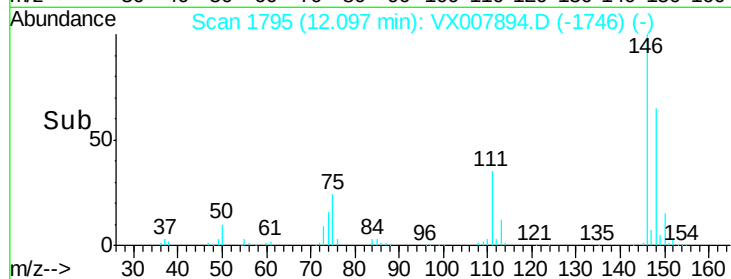
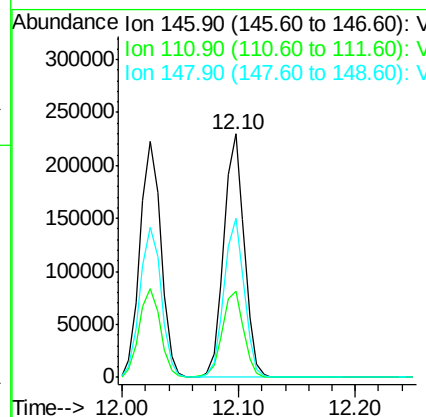
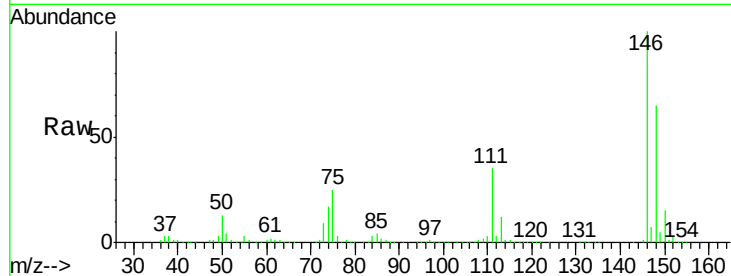
#88
 1,4-Dichlorobenzene
 Concen: 47.612 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007894.D
 Acq: 07 Mar 2019 19:51

Instrument :
 MSVOA_X
 ClientSampled :
 SW-2MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.4	55.0
148	64.7	32.2	96.6

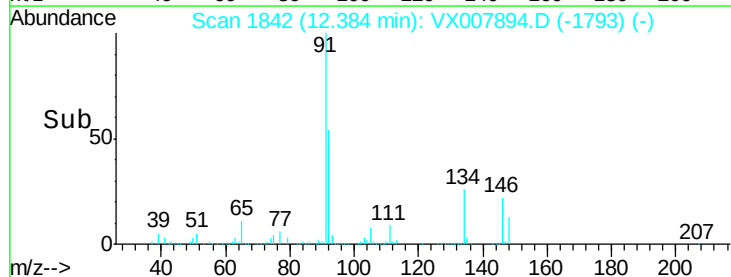
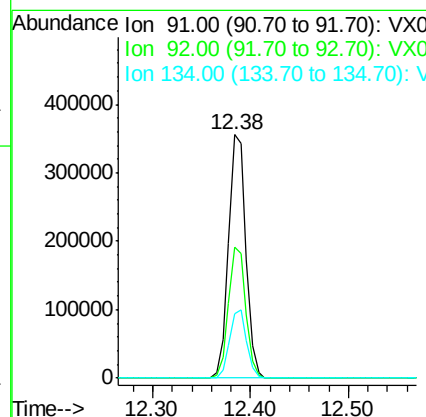
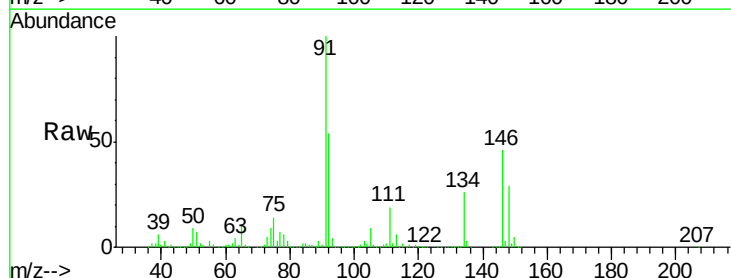
Manual Integrations
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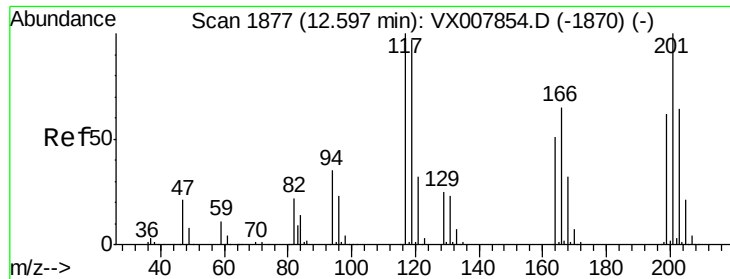
MMDadoda
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#89
 n-Butylbenzene
 Concen: 50.415 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX007894.D
 Acq: 07 Mar 2019 19:51

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





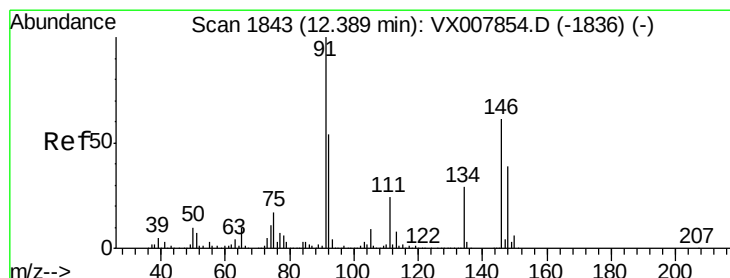
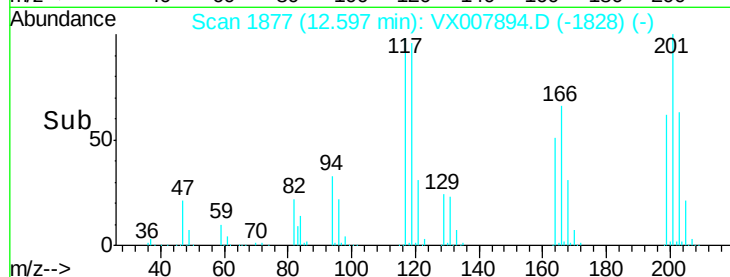
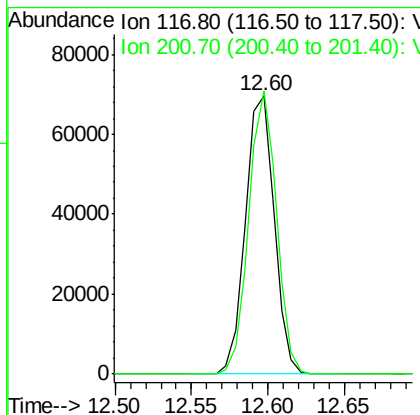
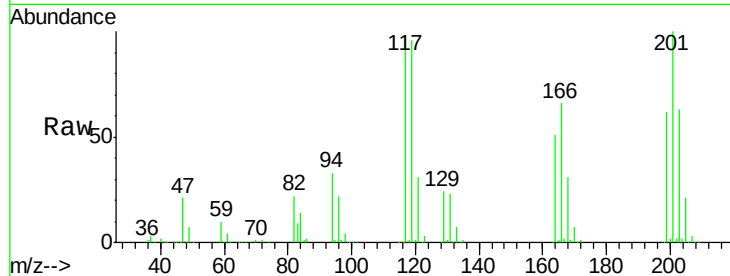
#90
Hexachloroethane
Concen: 53.278 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007894.D
Acq: 07 Mar 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
SW-2MS

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

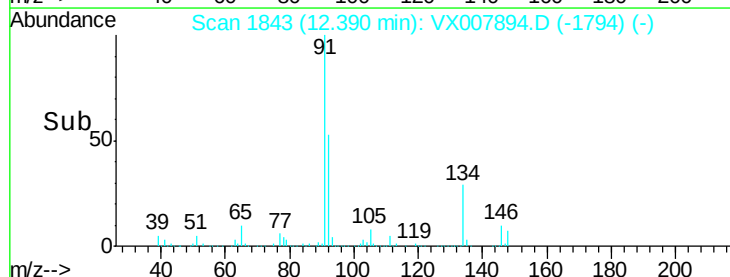
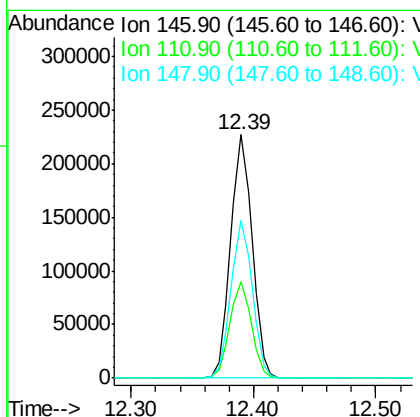
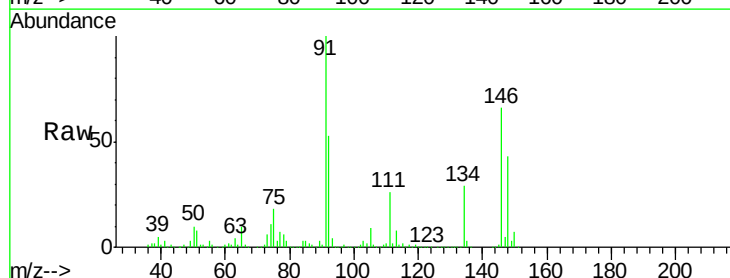
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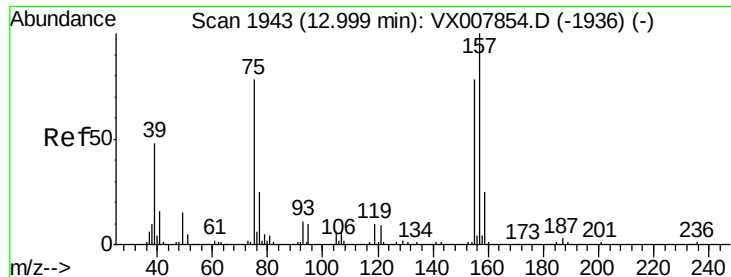
MMDadoda
3/8/2019 9:40:47 AM



#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





#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

Tot Ion: 75 Resp: 42555

Ion Ratio Lower Upper

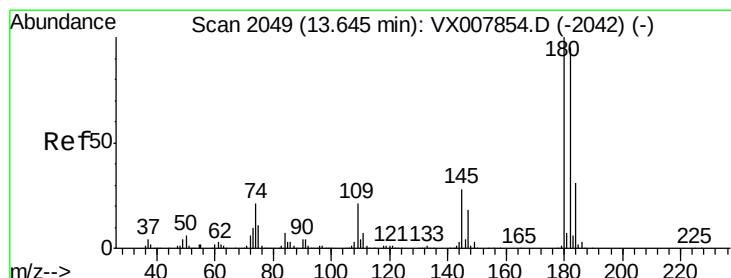
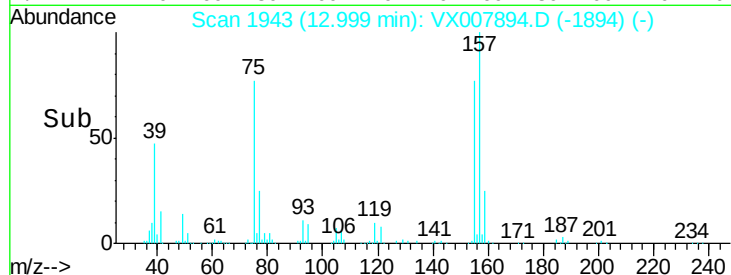
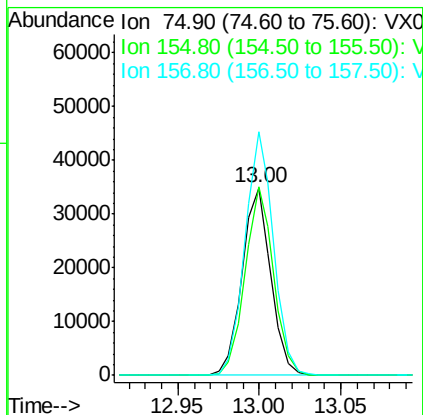
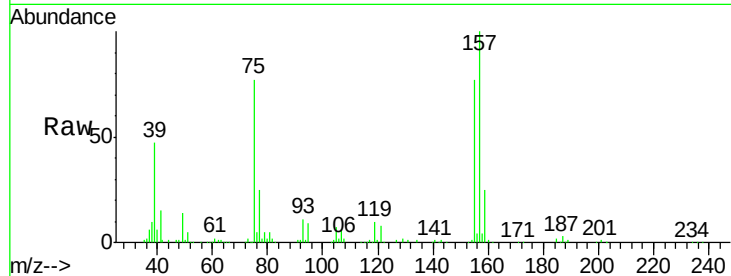
75 100

155 99.6 49.7 149.1

157 129.4 63.8 191.4

Manual Integrations
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3/8/2019 9:40:47 AM



#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

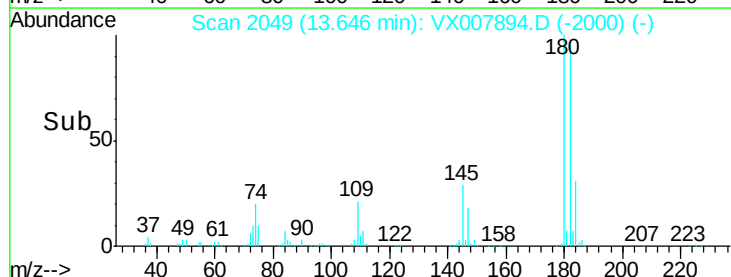
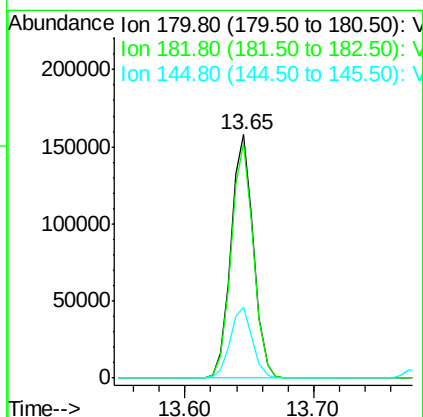
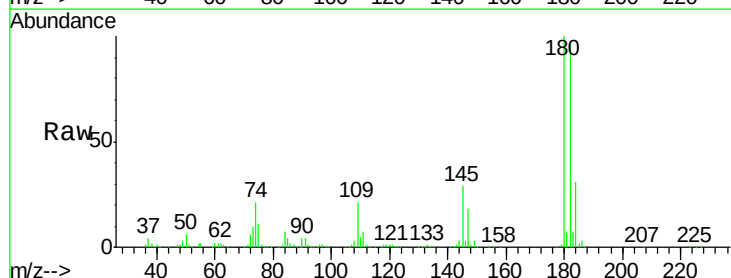
Tgt Ion: 180 Resp: 192247

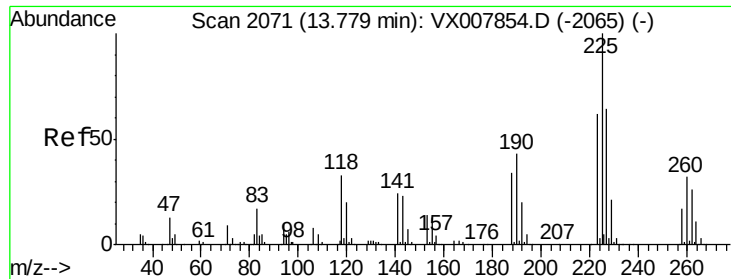
Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.7

145 28.8 14.1 42.4





#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

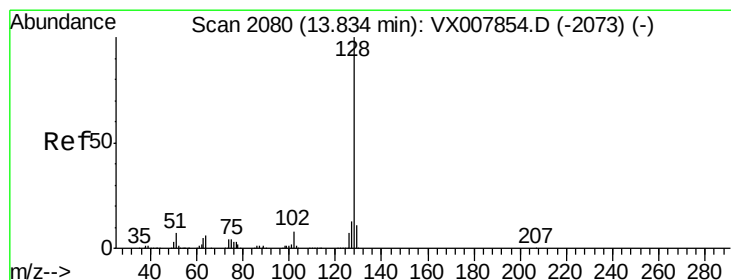
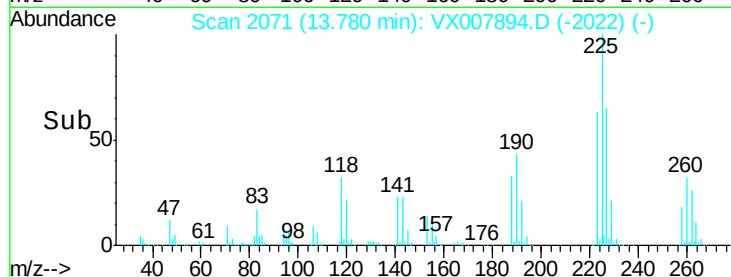
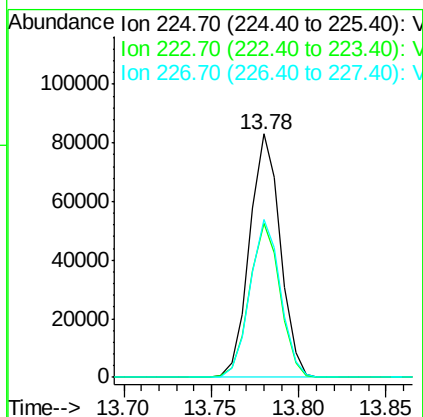
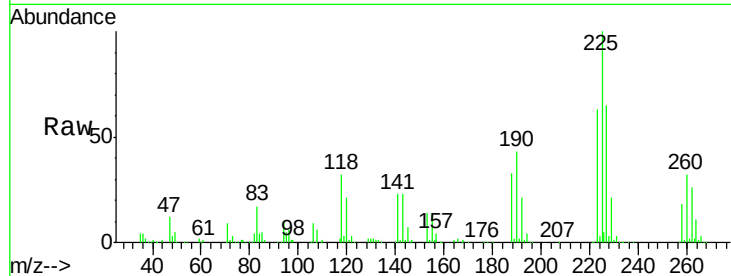
ClientSampled :

SW-2MS

Tot Ion:	225	Resp:	101177
Ion Ratio		Lower	Upper
225	100		
223	63.2	31.1	93.2
227	64.5	32.0	96.0

Manual Integrations
APPROVED

MMDadoda
3/8/2019 9:40:47 AM



#95

Naphthalene

Concen: 50.738 ug/l

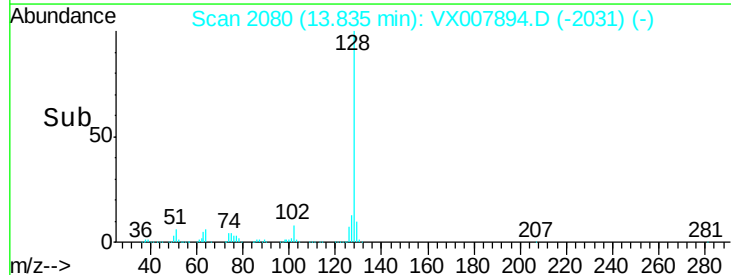
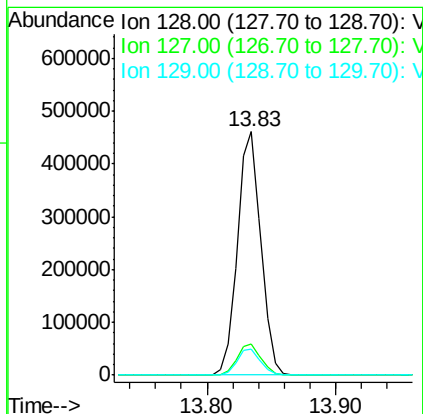
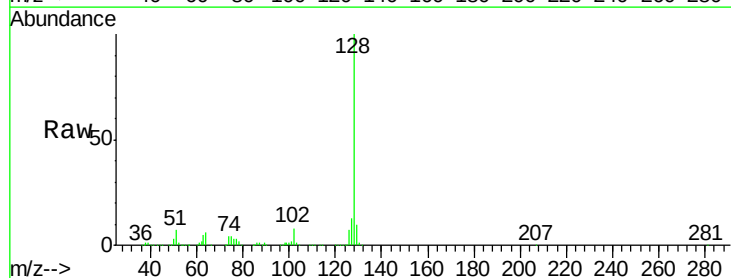
RT: 13.83 min Scan# 2080

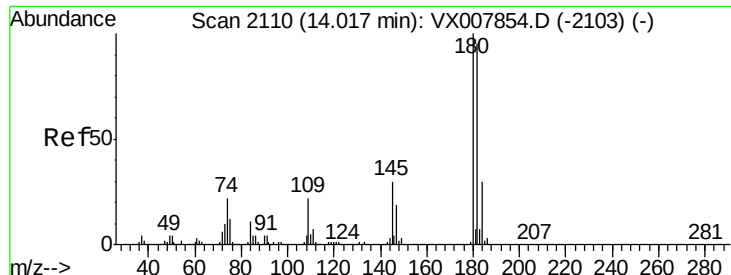
Delta R.T. 0.00 min

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





#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

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

Manual Integrations
 APPROVED

MMDadoda
 3/8/2019 9:40:47 AM

