

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030719\
 Data File : VX007895.D
 Acq On : 07 Mar 2019 20:18
 Operator : JC/SP
 Sample : K1783-06MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-2MSD

Manual Integrations
 APPROVED

MMDadoda
 3/8/2019 9:40:52 AM

Quant Time: Mar 08 07:01:41 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	264421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	390192	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	341107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171024	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	147720	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
35) Dibromofluoromethane	5.50	113	130927	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
50) Toluene-d8	8.71	98	481467	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
62) 4-Bromofluorobenzene	11.13	95	168149	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	108928	48.218	ug/l	100
3) Chloromethane	1.33	50	138688	47.638	ug/l	99
4) Vinyl Chloride	1.41	62	145184	50.190	ug/l	99
5) Bromomethane	1.64	94	68983	50.835	ug/l	99
6) Chloroethane	1.72	64	103585	53.903	ug/l	99
7) Trichlorofluoromethane	1.93	101	188820	50.135	ug/l	98
8) Diethyl Ether	2.19	74	83057	50.927	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	114008	48.849	ug/l	100
10) Methyl Iodide	2.51	142	176357	53.264	ug/l	99
11) Tert butyl alcohol	3.07	59	154709	248.010	ug/l	100
12) 1,1-Dichloroethene	2.37	96	112538	50.023	ug/l	100
13) Acrolein	2.30	56	64473	183.051	ug/l	97
14) Allyl chloride	2.73	41	234660	49.639	ug/l	99
15) Acrylonitrile	3.15	53	386966	245.765	ug/l	100
16) Acetone	2.45	43	316988	196.336	ug/l	99
17) Carbon Disulfide	2.57	76	352276	51.578	ug/l	100
18) Methyl Acetate	2.78	43	160725	46.859	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	394903	51.024	ug/l	100
20) Methylene Chloride	2.86	84	124947	48.627	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	120088	48.512	ug/l	99
22) Diisopropyl ether	3.87	45	433846	50.064	ug/l	98
23) Vinyl Acetate	3.82	43	1729417	227.578	ug/l	99
24) 1,1-Dichloroethane	3.70	63	234551	50.295	ug/l	100
25) 2-Butanone	4.70	43	530157	231.941	ug/l	100
26) 2,2-Dichloropropane	4.59	77	137558	44.523	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	139564	49.270	ug/l	99
28) Bromochloromethane	5.02	49	108506	49.908	ug/l	100
29) Tetrahydrofuran	5.15	42	355642	249.439	ug/l	100
30) Chloroform	5.21	83	222513	50.441	ug/l	98
31) Cyclohexane	5.57	56	215541	50.289	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	187798	51.309	ug/l	99
36) 1,1-Dichloropropene	5.80	75	169667	48.022	ug/l	99
37) Ethyl Acetate	4.85	43	183746	43.825	ug/l	99
38) Carbon Tetrachloride	5.78	117	169554	50.549	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	210539	49.178	ug/l	97
40) Benzene	6.14	78	521802	49.609	ug/l	100
41) Methacrylonitrile	5.06	41	113763	49.768	ug/l	100
42) 1,2-Dichloroethane	6.20	62	170067	49.441	ug/l	100
43) Isopropyl Acetate	6.46	43	297540	47.951	ug/l	100
44) Trichloroethene	7.21	130	140290	48.399	ug/l	99
45) 1,2-Dichloropropane	7.52	63	139312	50.147	ug/l	99
46) Dibromomethane	7.66	93	87695	49.880	ug/l	100
47) Bromodichloromethane	7.90	83	170316	51.096	ug/l	99
48) Methyl methacrylate	7.77	41	163180	50.019	ug/l	100
49) 1,4-Dioxane	7.75	88	64805	967.002	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1000539	250.730	ug/l	100
52) Toluene	8.79	92	319712	49.787	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	180918	52.002	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	200066	50.923	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	130577	50.231	ug/l	99
56) Ethyl methacrylate	9.18	69	203358	52.102	ug/l	99
57) 1,3-Dichloropropane	9.37	76	220485	50.514	ug/l	100
59) 2-Hexanone	9.49	43	746853	241.064	ug/l	100
60) Dibromochloromethane	9.59	129	142511	52.449	ug/l	99
61) 1,2-Dibromoethane	9.67	107	137993	49.998	ug/l	100
64) Tetrachloroethene	9.34	164	130181	46.054	ug/l	98
65) Chlorobenzene	10.14	112	347403	48.670	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	130302	50.934	ug/l	99
67) Ethyl Benzene	10.25	91	588340	50.073	ug/l	99
68) m/p-Xylenes	10.36	106	456117	100.711	ug/l	100
69) o-Xylene	10.70	106	220053	50.327	ug/l	100
70) Styrene	10.71	104	362667	50.687	ug/l	100
71) Bromoform	10.85	173	113596	51.707	ug/l #	99
73) Isopropylbenzene	11.02	105	588823	50.907	ug/l	100
74) N-amyl acetate	10.90	43	241000	45.640	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	193863	48.590	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	183624m	51.166	ug/l	
77) Bromobenzene	11.26	156	154977	48.871	ug/l	100
78) n-propylbenzene	11.36	91	654801	51.029	ug/l	100
79) 2-Chlorotoluene	11.42	91	387510	49.392	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	483120	50.748	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	56850	50.636	ug/l	99
82) 4-Chlorotoluene	11.51	91	449094	49.949	ug/l	100
83) tert-Butylbenzene	11.77	119	497710	51.902	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	496893	50.916	ug/l	100
85) sec-Butylbenzene	11.94	105	580758	51.422	ug/l	99
86) p-Isopropyltoluene	12.06	119	521851	51.594	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	273957	48.832	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	275658	47.979	ug/l	100
89) n-Butylbenzene	12.38	91	437022	50.999	ug/l	99
90) Hexachloroethane	12.60	117	88078	52.083	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	270703	48.571	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41248	49.468	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	191953	49.027	ug/l	100

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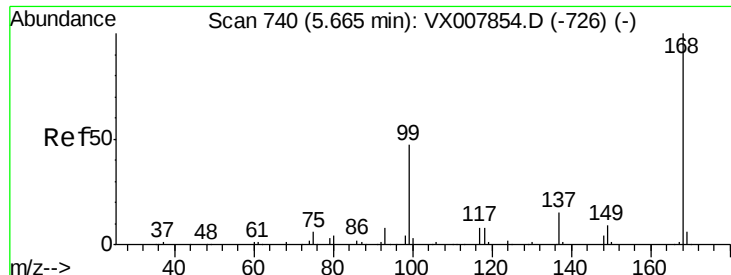
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	100559	49.125	ug/l	99
95) Naphthalene	13.83	128	572177	50.720	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	192731	49.415	ug/l	100

(#) = 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: VX007895.D

Acq: 07 Mar 2019 20:18

Instrument :

MSVOA_X

ClientSampled :

SW-2MSD

Tot Ion:168 Resp: 264421

Ion Ratio Lower Upper

168 100

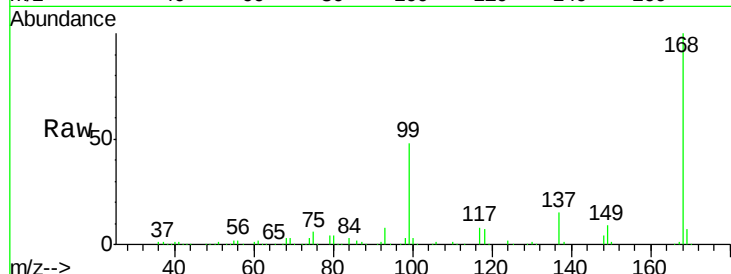
99 47.7 37.6 56.4

Manual Integrations

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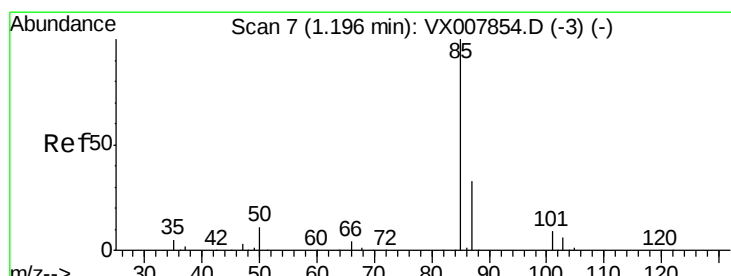
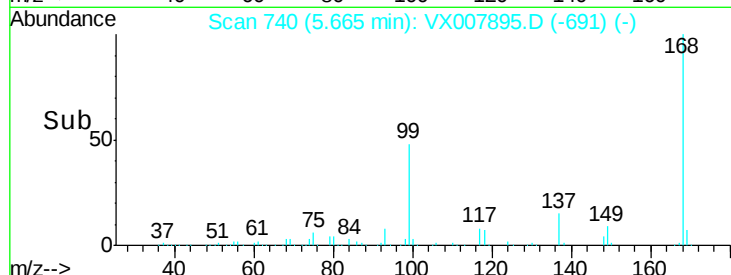
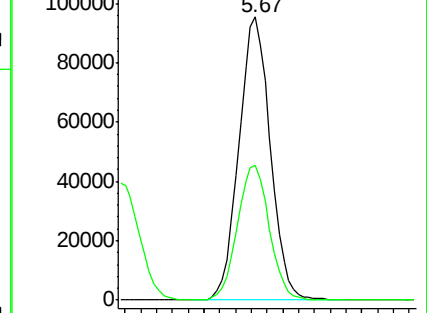
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.218 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007895.D

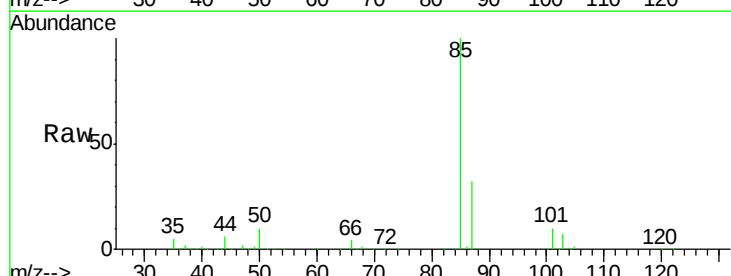
Acq: 07 Mar 2019 20:18

Tgt Ion: 85 Resp: 108928

Ion Ratio Lower Upper

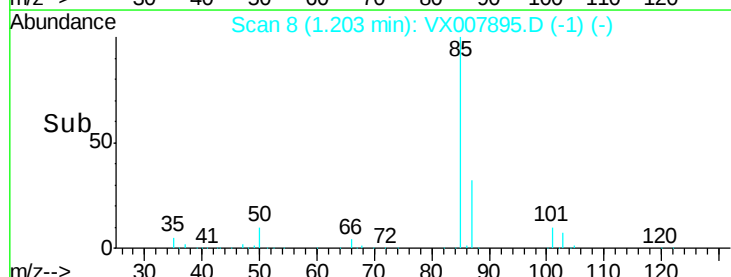
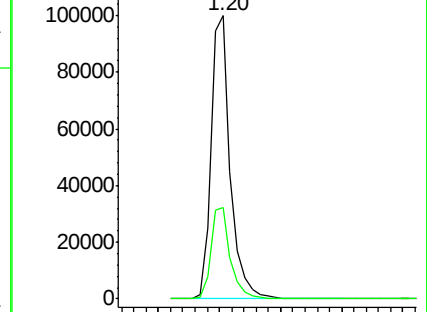
85 100

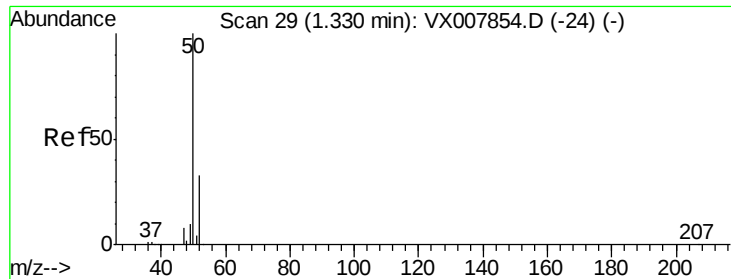
87 32.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.638 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007895.D

Acq: 07 Mar 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

SW-2MSD

Tot Ion: 50 Resp: 138688

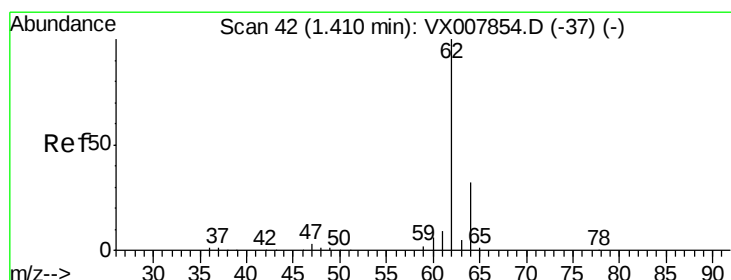
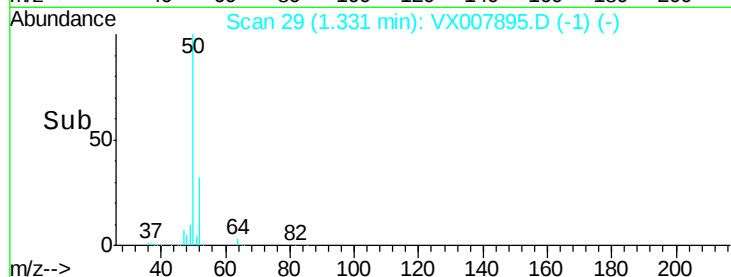
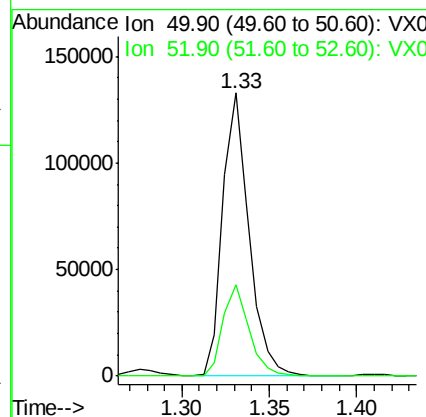
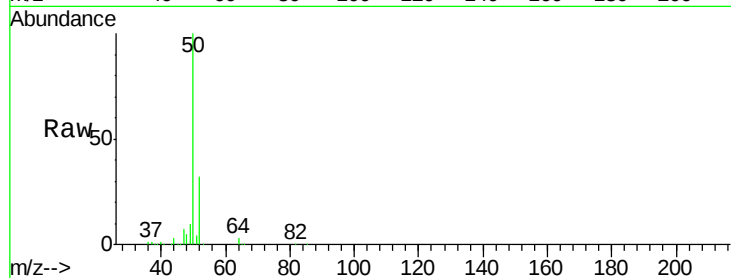
Ion Ratio Lower Upper

50 100

52 32.3 26.5 39.7

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#4

Vinyl Chloride

Concen: 50.190 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007895.D

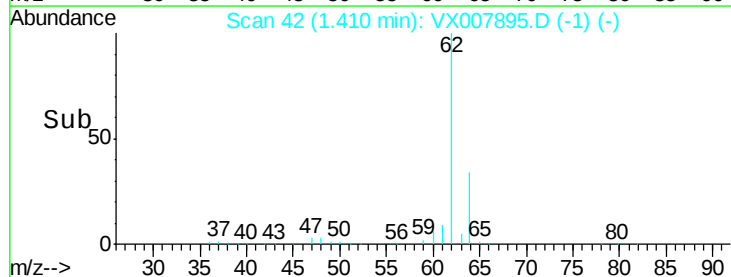
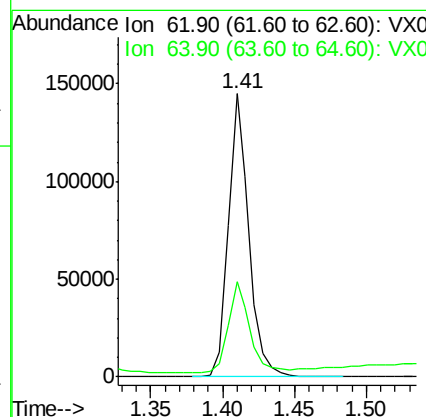
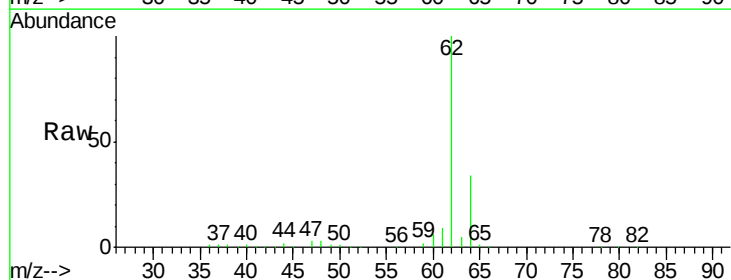
Acq: 07 Mar 2019 20:18

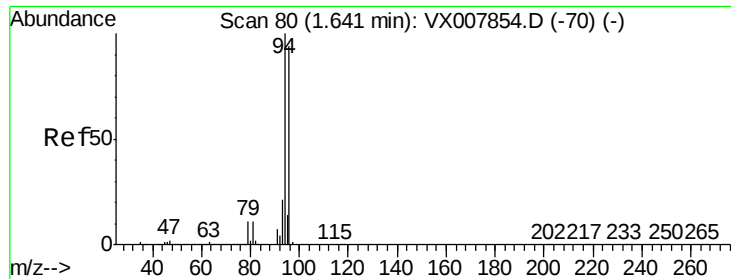
Tgt Ion: 62 Resp: 145184

Ion Ratio Lower Upper

62 100

64 32.2 25.3 37.9





#5

Bromomethane

Concen: 50.835 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007895.D

Acq: 07 Mar 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

SW-2MSD

Tot Ion: 94 Resp: 68983

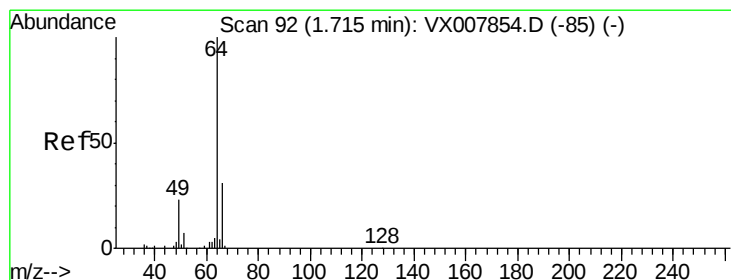
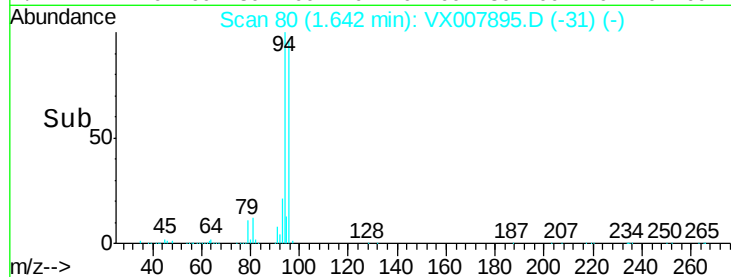
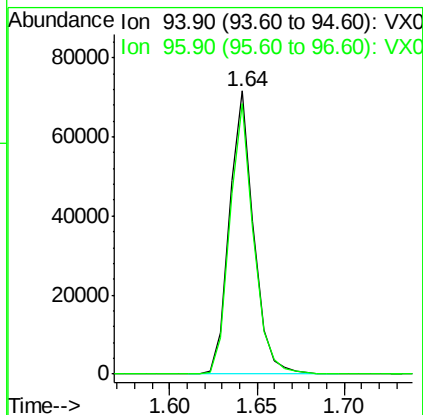
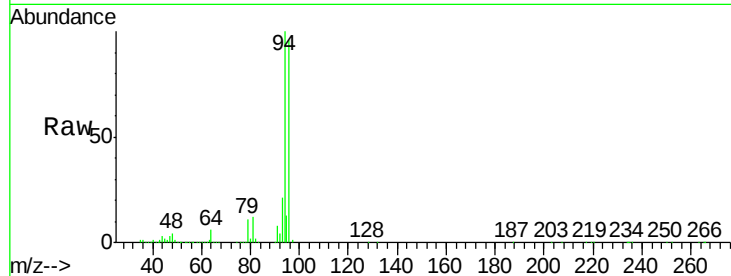
Ion Ratio Lower Upper

94 100

96 95.8 75.5 113.3

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#6

Chloroethane

Concen: 53.903 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007895.D

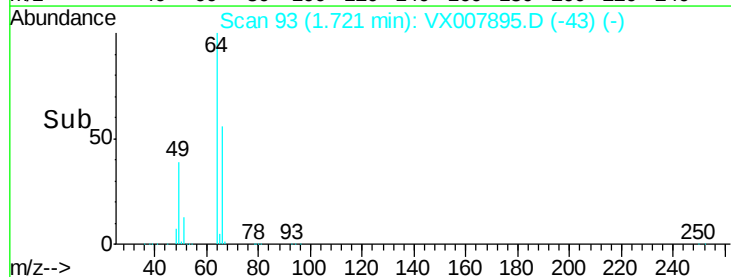
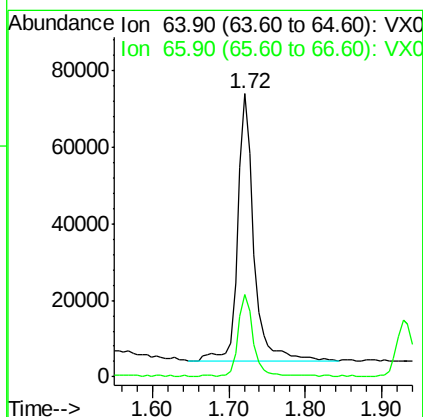
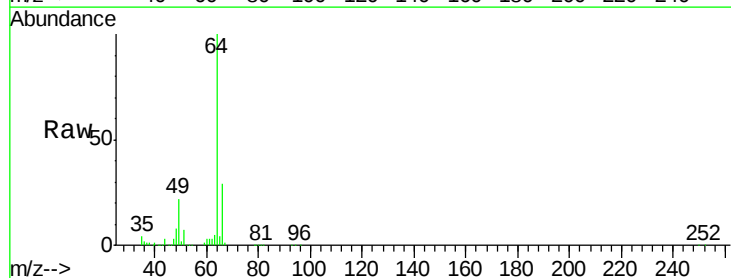
Acq: 07 Mar 2019 20:18

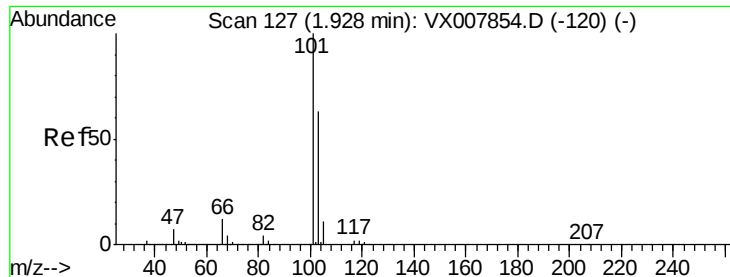
Tgt Ion: 64 Resp: 103585

Ion Ratio Lower Upper

64 100

66 30.7 25.2 37.8





#7

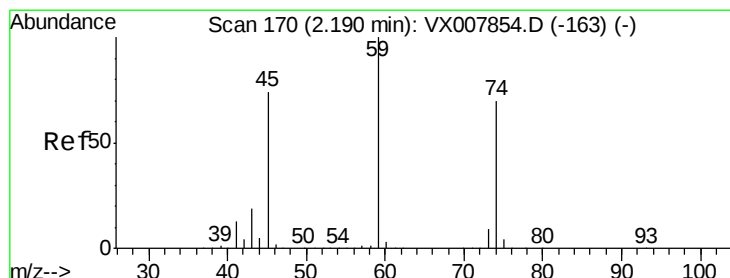
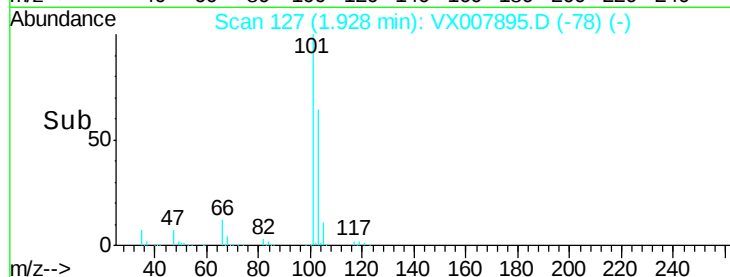
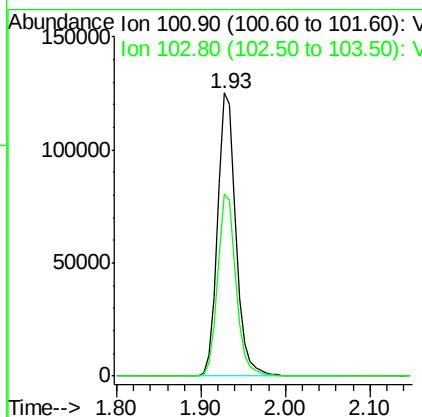
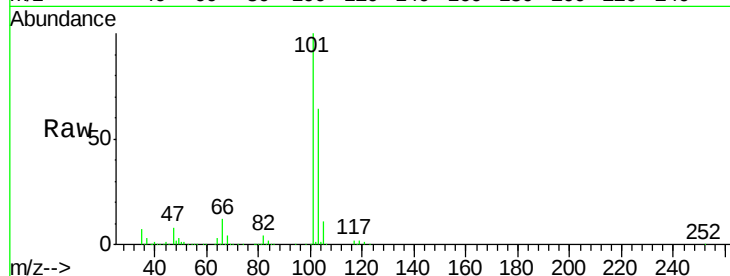
Trichlorofluoromethane
Concen: 50.135 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Instrument :
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ClientSampled :
SW-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
101	100	188820		
103	64.3	50.4	75.6	

Manual Integrations
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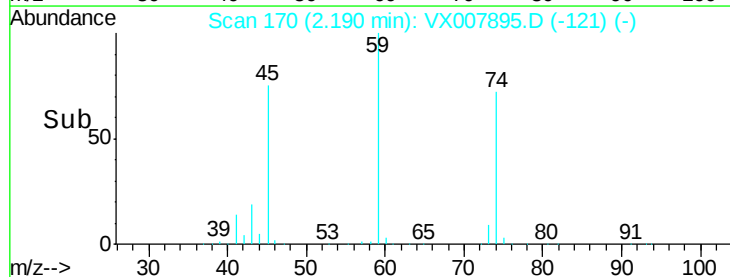
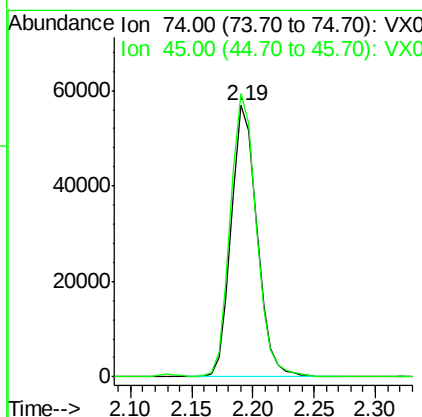
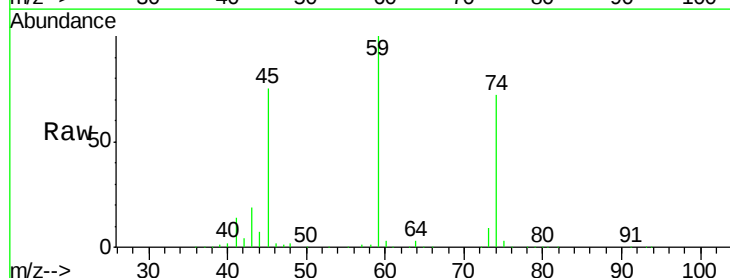
MMDadoda
3/8/2019 9:40:52 AM

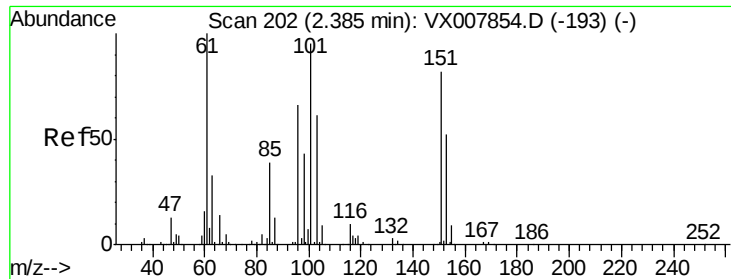


#8

Diethyl Ether
Concen: 50.927 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	83057		
45	104.4	52.1	156.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.849 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007895.D

Acq: 07 Mar 2019 20:18

Instrument :

MSVOA_X

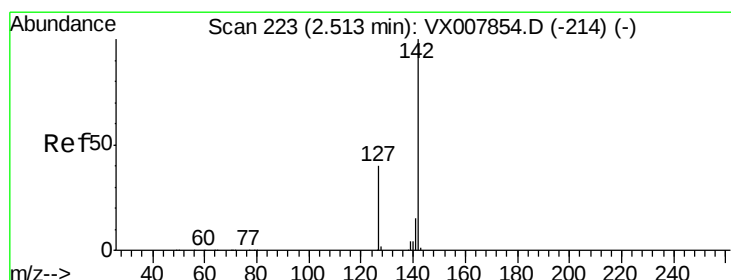
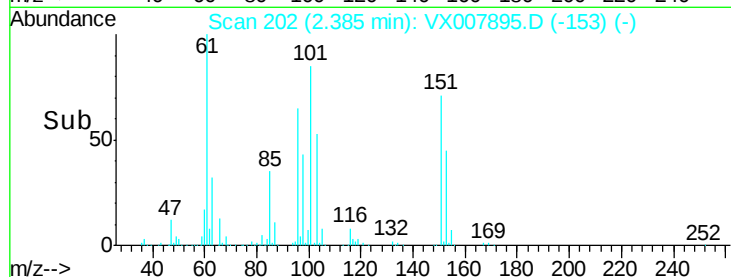
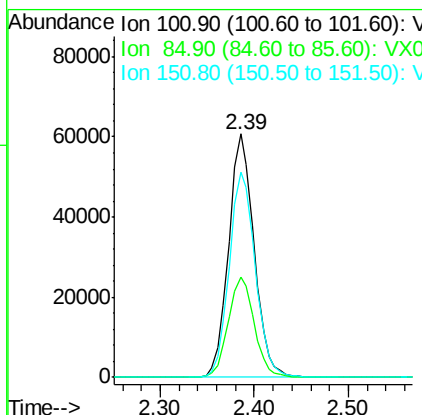
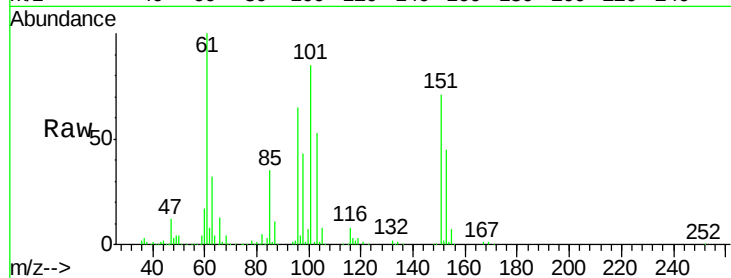
ClientSampleId :

SW-2MSD

Tot Ion:	101	Resp:	114008
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.8	50.6
151	86.5	69.1	103.7

Manual Integrations
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#10

Methyl Iodide

Concen: 53.264 ug/l

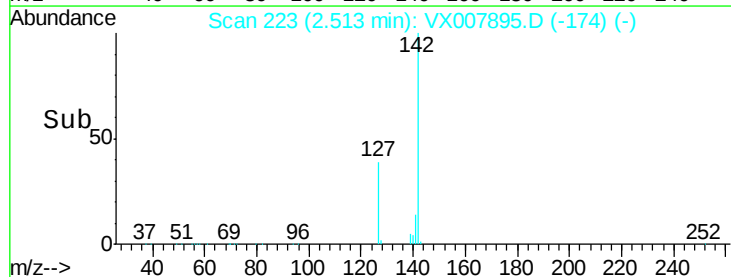
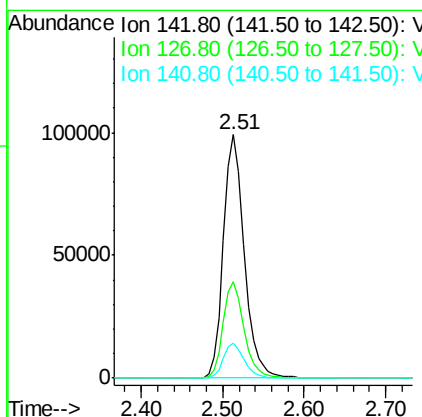
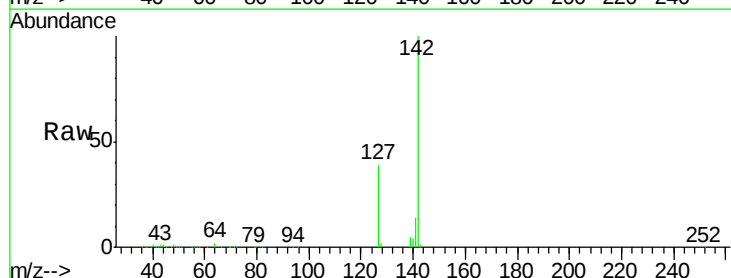
RT: 2.51 min Scan# 223

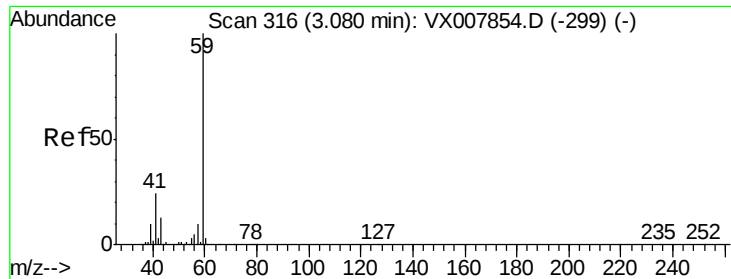
Delta R.T. 0.00 min

Lab File: VX007895.D

Acq: 07 Mar 2019 20:18

Tgt Ion:	142	Resp:	176357
Ion Ratio	Lower	Upper	
142	100		
127	39.6	32.1	48.1
141	14.2	11.4	17.2





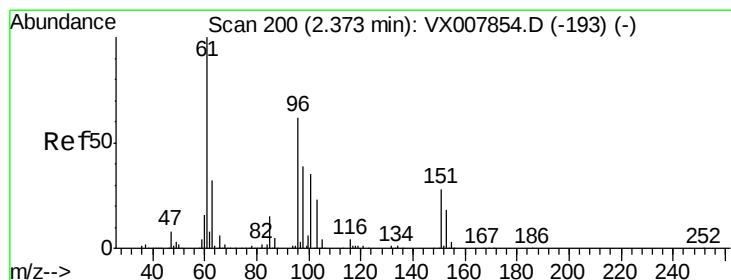
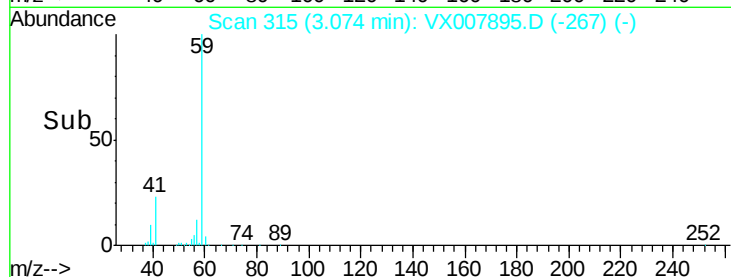
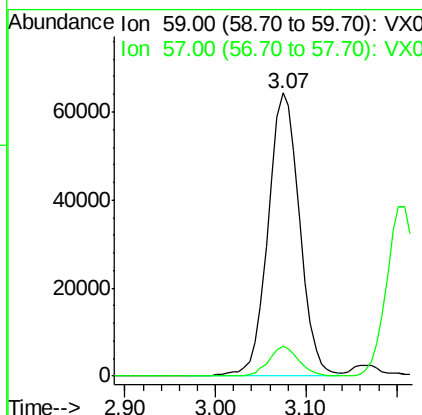
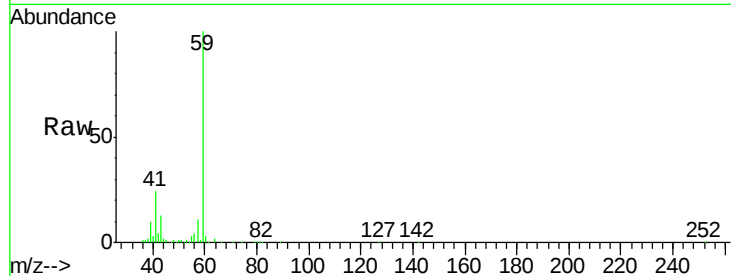
#11
Tert butyl alcohol
Concen: 248.010 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Instrument :
MSVOA_X
ClientSampleId :
SW-2MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.2

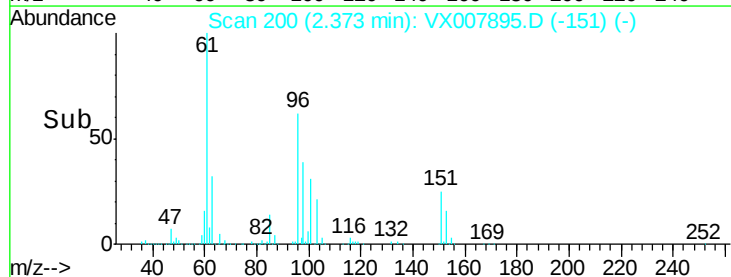
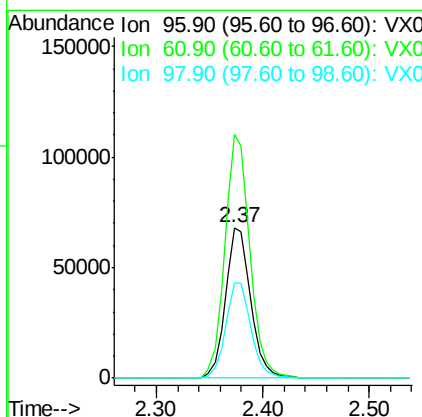
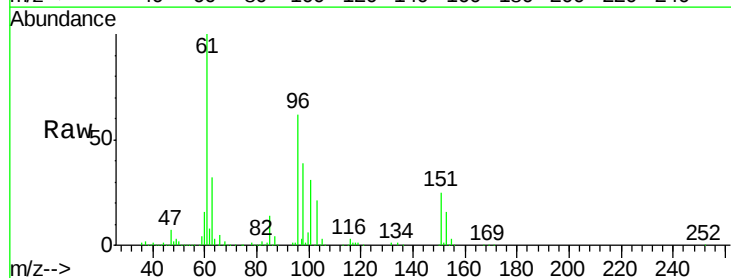
Manual Integrations
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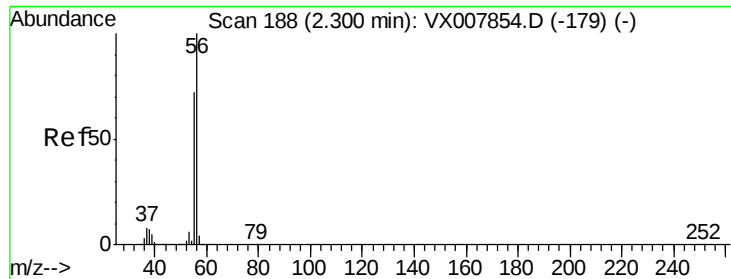
MMDadoda
3/8/2019 9:40:52 AM



#12
1,1-Dichloroethene
Concen: 50.023 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.7	129.8	194.6
98	63.4	51.0	76.6





#13

Acrolein

Concen: 183.051 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007895.D

Acq: 07 Mar 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

SW-2MSD

Tot Ion: 56 Resp: 64473

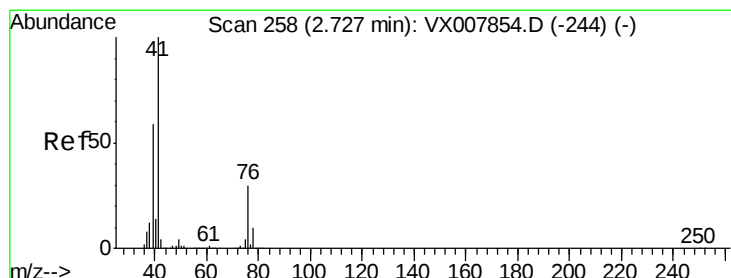
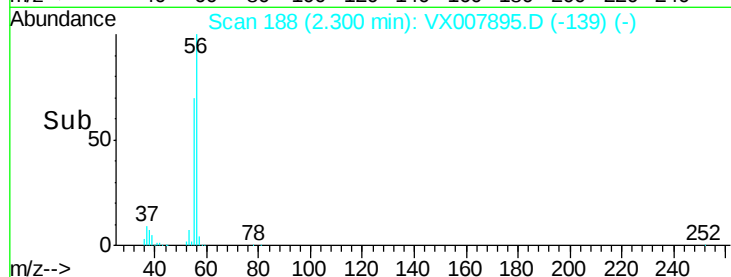
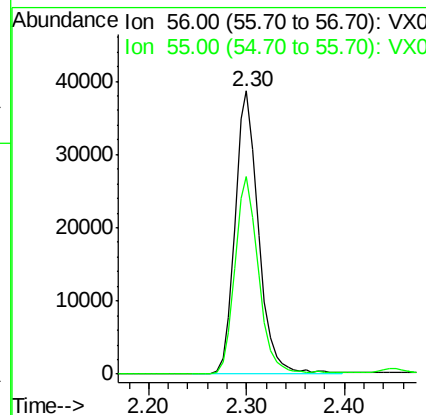
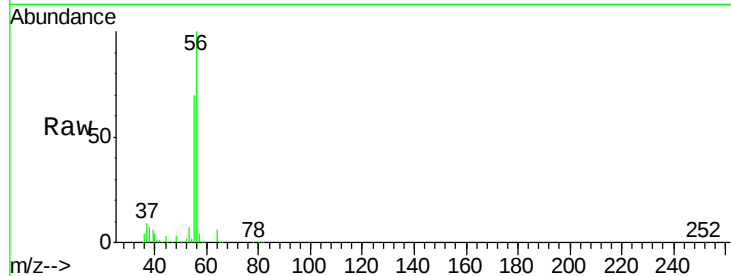
Ion Ratio Lower Upper

56 100

55 69.8 57.8 86.6

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#14

Allyl chloride

Concen: 49.639 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX007895.D

Acq: 07 Mar 2019 20:18

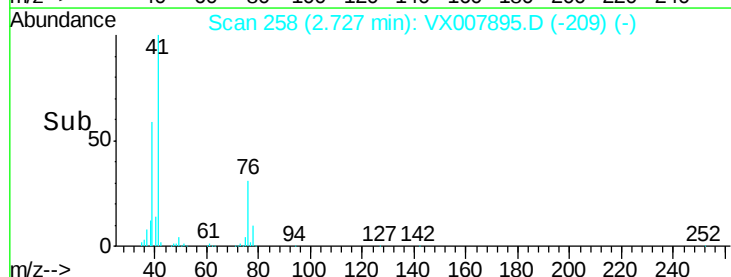
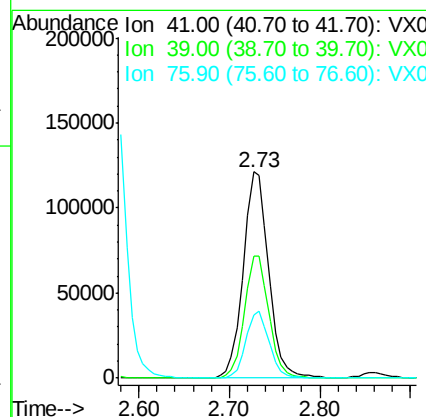
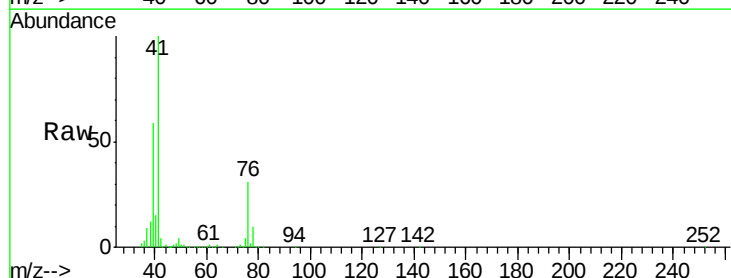
Tgt Ion: 41 Resp: 234660

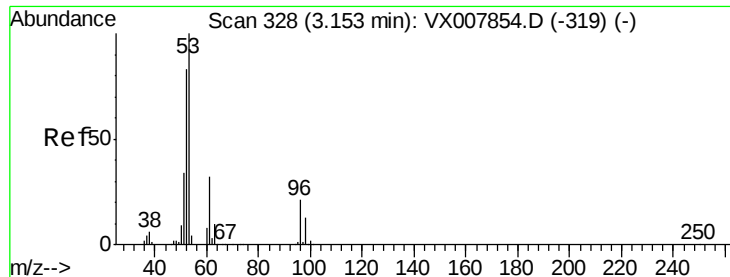
Ion Ratio Lower Upper

41 100

39 56.9 46.1 69.1

76 29.8 24.0 36.0





#15

Acrylonitrile

Concen: 245.765 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007895.D

Acq: 07 Mar 2019 20:18

Instrument :

MSVOA_X

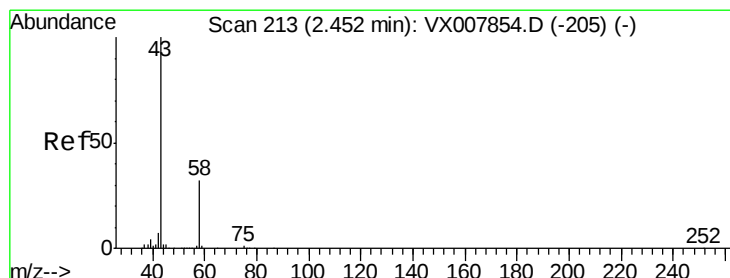
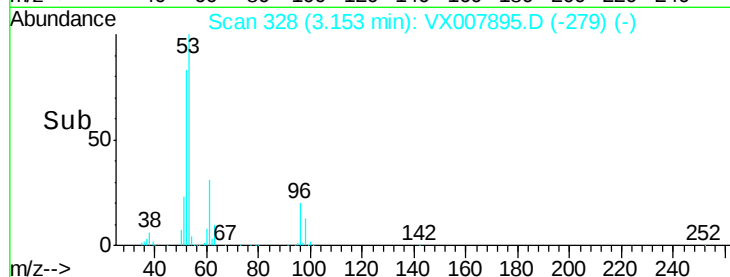
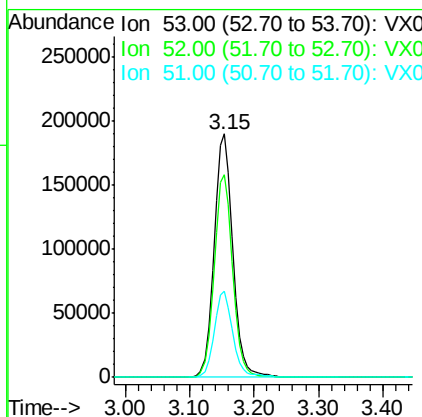
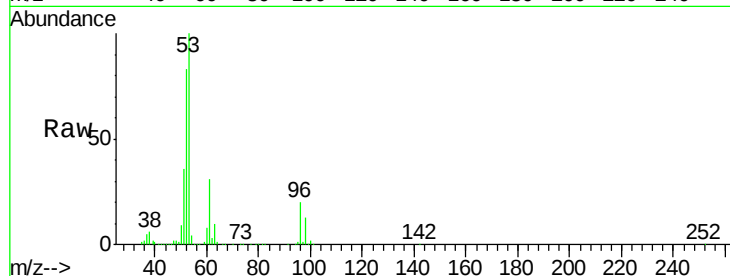
ClientSampleID :

SW-2MSD

Tot Ion:	53	Resp:	386966
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.0	99.0
51	35.2	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 196.336 ug/l

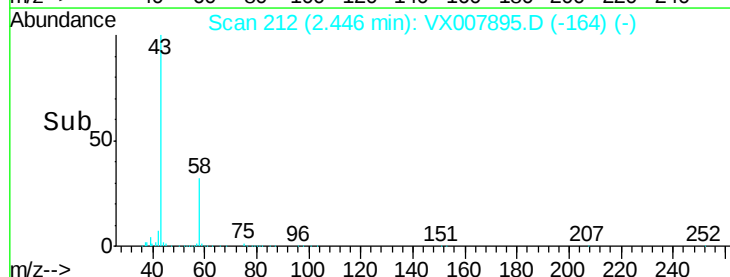
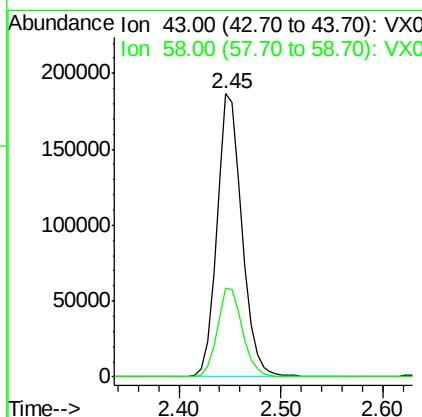
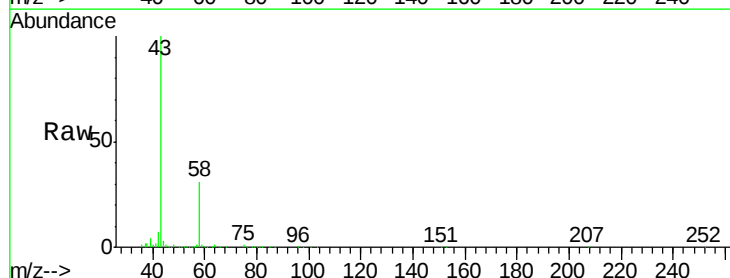
RT: 2.45 min Scan# 212

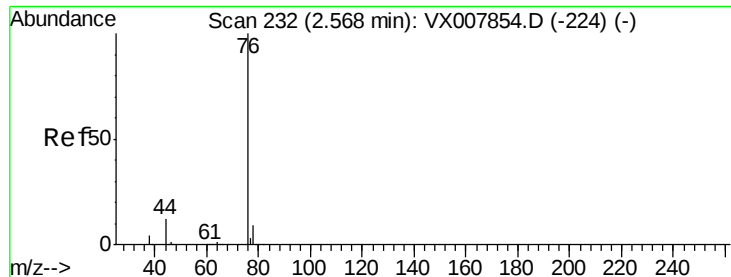
Delta R.T. -0.01 min

Lab File: VX007895.D

Acq: 07 Mar 2019 20:18

Tgt Ion:	43	Resp:	316988
Ion Ratio	Lower	Upper	
43	100		
58	31.5	25.5	38.3





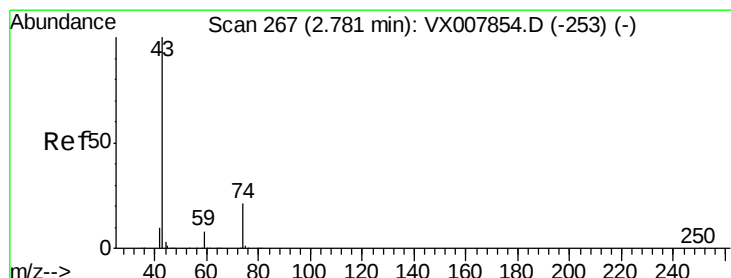
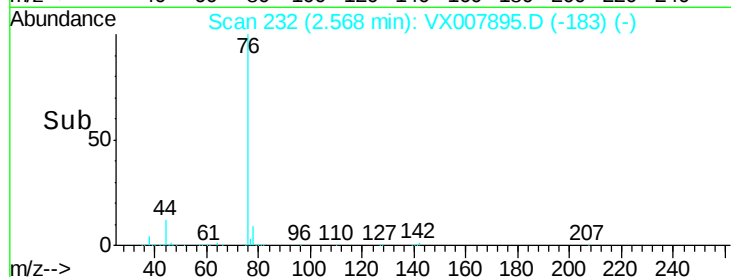
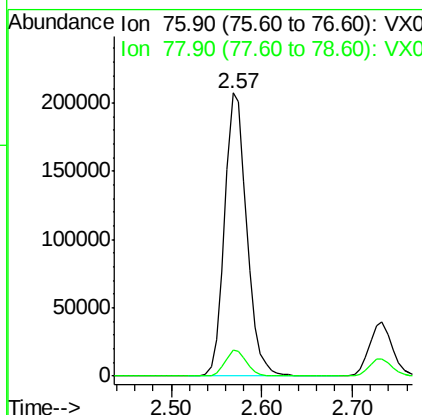
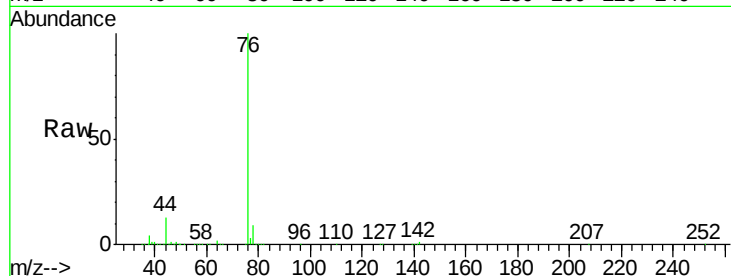
#17
Carbon Disulfide
Concen: 51.578 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Instrument :
MSVOA_X
ClientSampleId :
SW-2MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

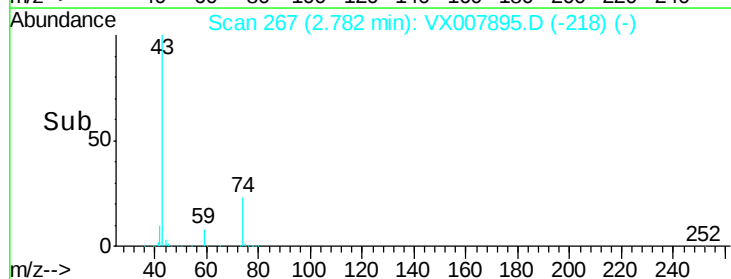
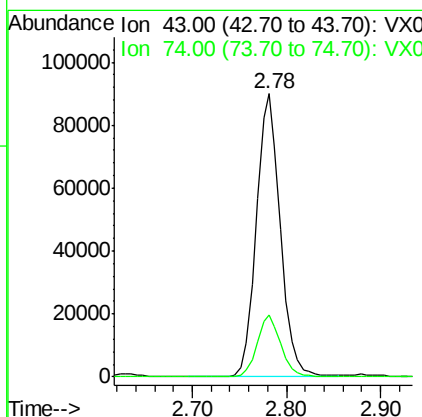
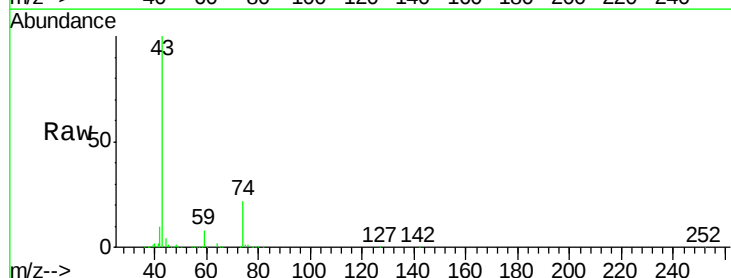
Manual Integrations
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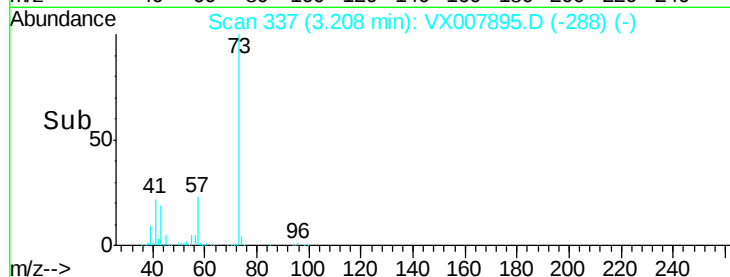
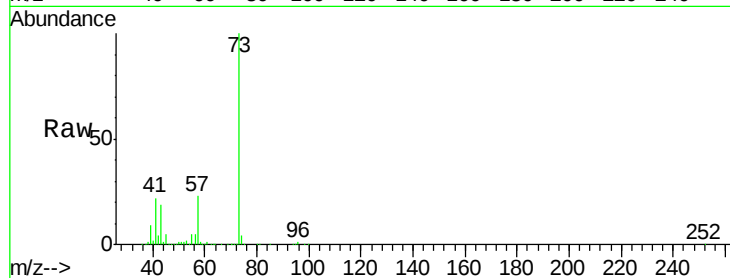
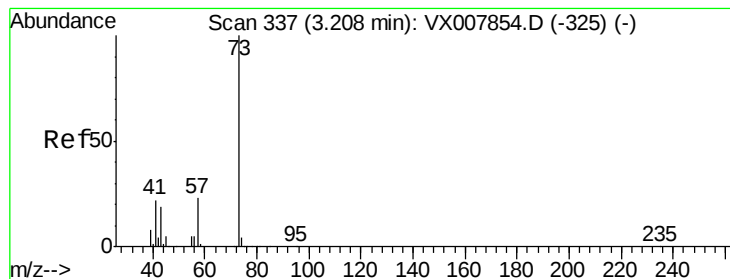
MMDadoda
3/8/2019 9:40:52 AM



#18
Methyl Acetate
Concen: 46.859 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	17.8	26.6





#19

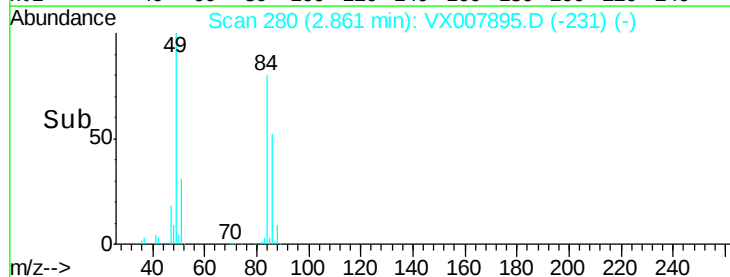
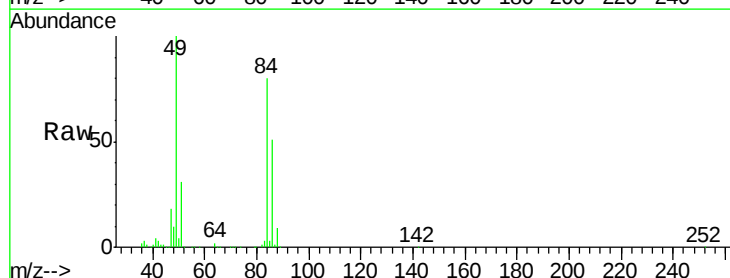
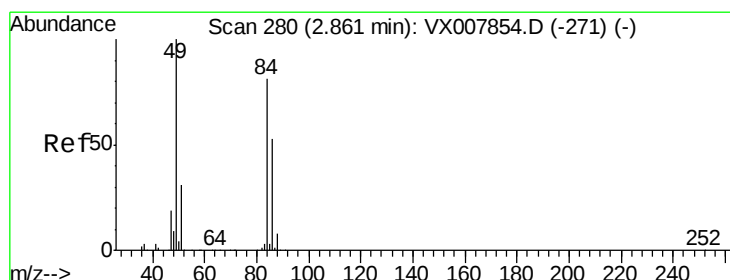
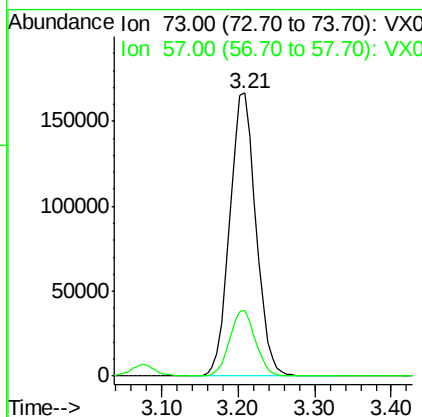
Methyl tert-butyl Ether
Concen: 51.024 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tot Ion	73	Resp	394903
Ion Ratio	100	Lower	Upper
73	100	18.2	27.4
57	23.0		

Instrument :
MSVOA_X
ClientSampleId :
SW-2MSD

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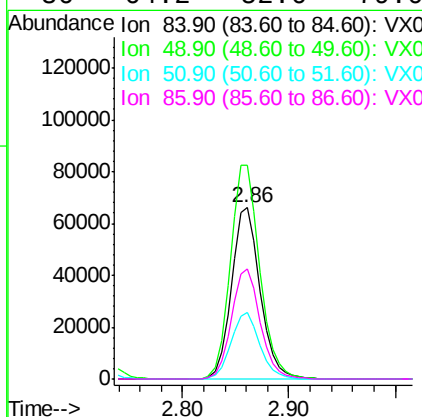
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3/8/2019 9:40:52 AM

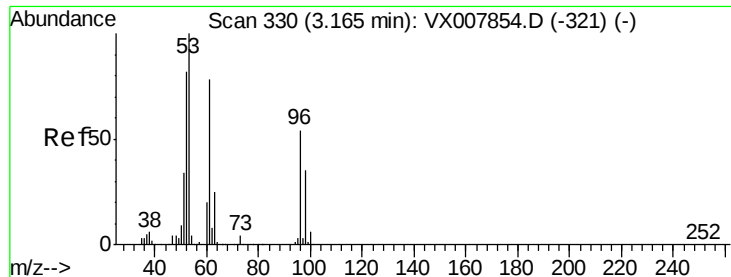


#20

Methylene Chloride
Concen: 48.627 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion	84	Resp	124947
Ion Ratio	100	Lower	Upper
84	100	99.3	148.9
49	124.7	31.3	46.9
51	38.7	52.6	79.0
86	64.2		





#21

trans-1,2-Dichloroethene

Concen: 48.512 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007895.D

Acq: 07 Mar 2019 20:18

Instrument :

MSVOA_X

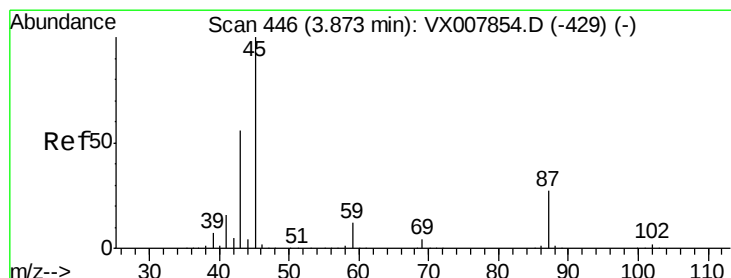
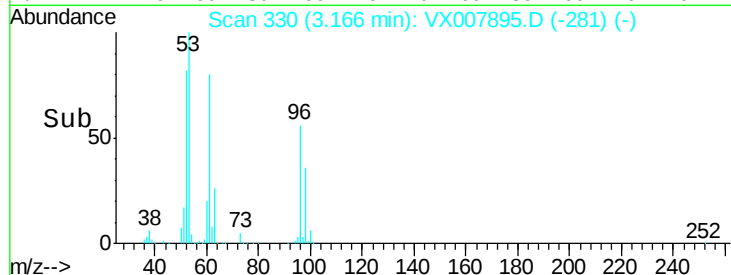
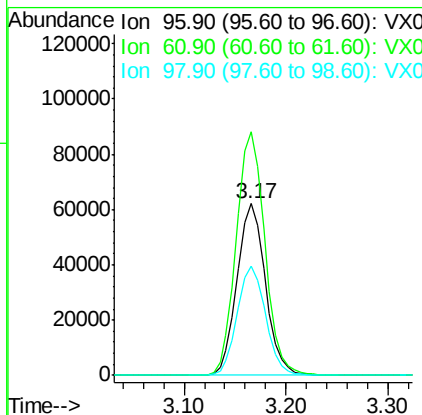
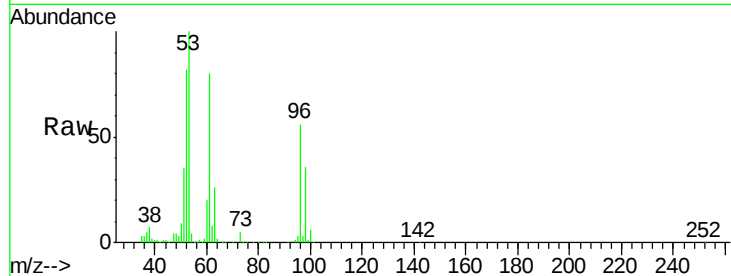
ClientSampled :

SW-2MSD

Tot Ion:	96	Resp:	120088
Ion	Ratio	Lower	Upper
96	100		
61	141.8	114.4	171.6
98	63.8	51.1	76.7

Manual Integrations
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3/8/2019 9:40:52 AM



#22

Diisopropyl ether

Concen: 50.064 ug/l

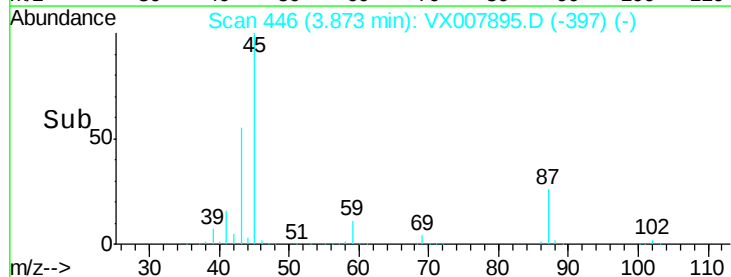
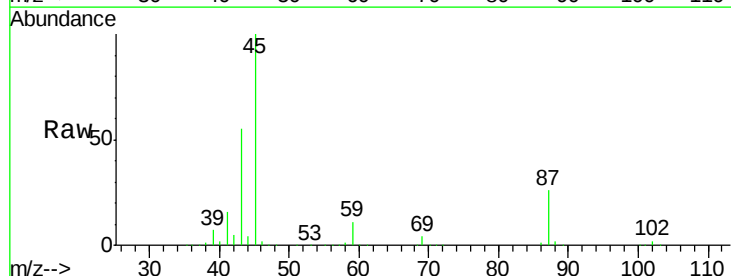
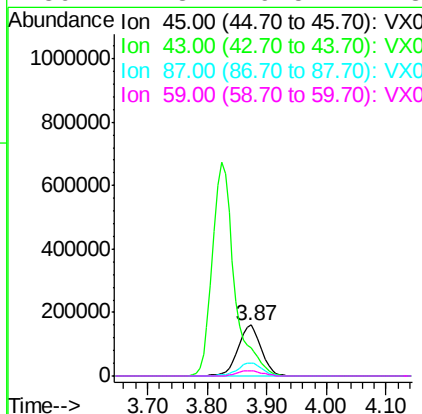
RT: 3.87 min Scan# 446

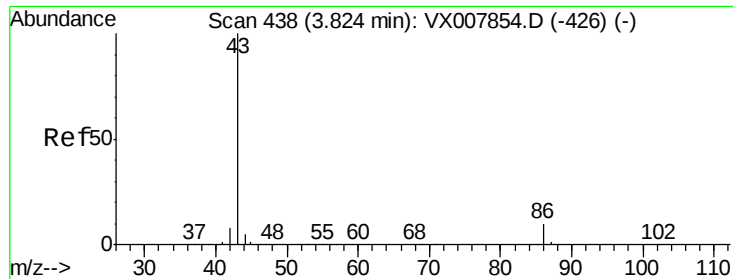
Delta R.T. 0.00 min

Lab File: VX007895.D

Acq: 07 Mar 2019 20:18

Tgt Ion:	45	Resp:	433846
Ion	Ratio	Lower	Upper
45	100		
43	55.0	45.3	67.9
87	25.7	21.4	32.0
59	11.3	9.5	14.3





#23

Vinyl Acetate

Concen: 227.578 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007895.D

Acq: 07 Mar 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

SW-2MSD

Tot Ion: 43 Resp: 1729417

Ion Ratio Lower Upper

43 100

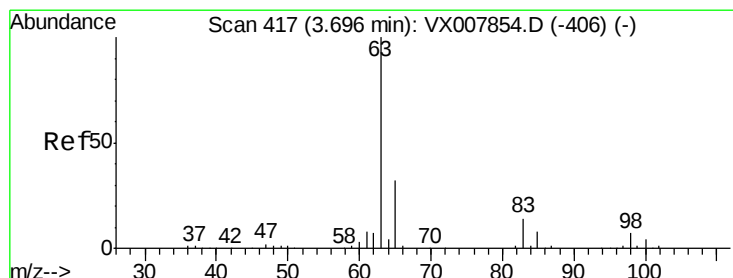
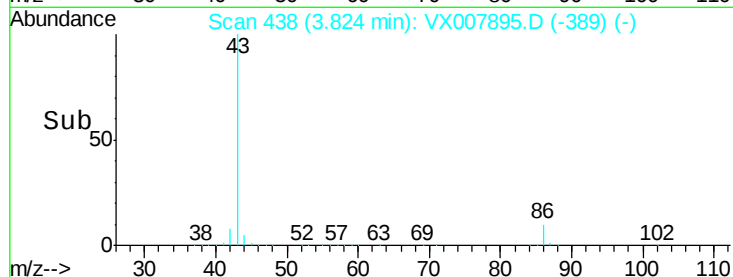
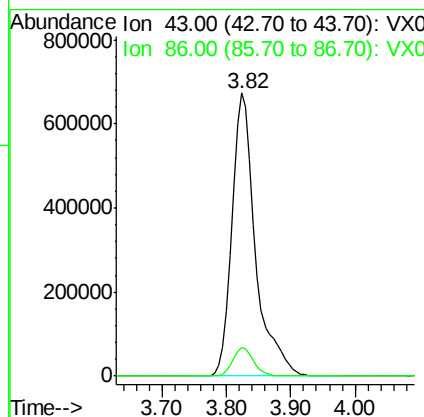
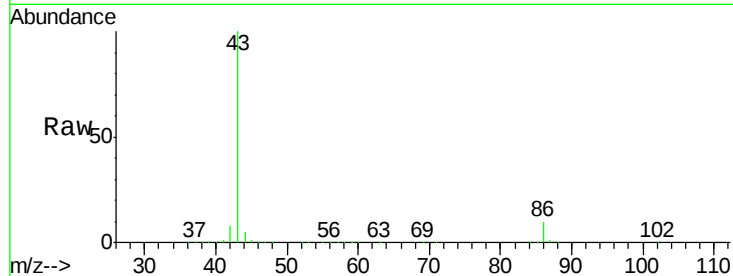
86 10.1 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 50.295 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007895.D

Acq: 07 Mar 2019 20:18

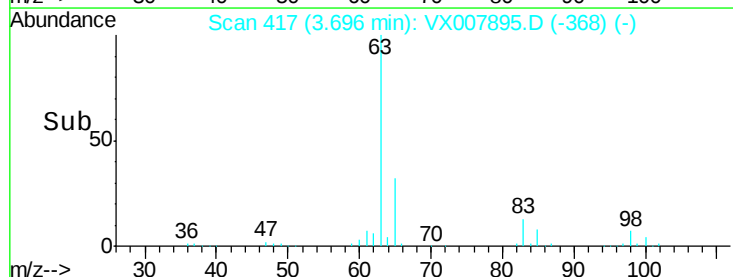
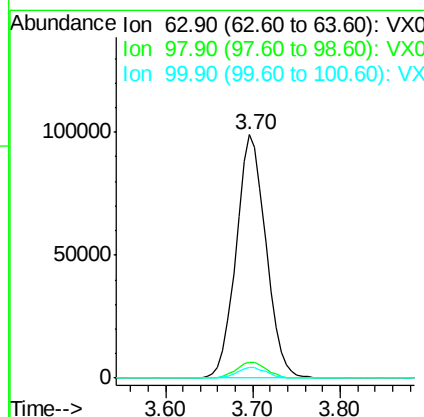
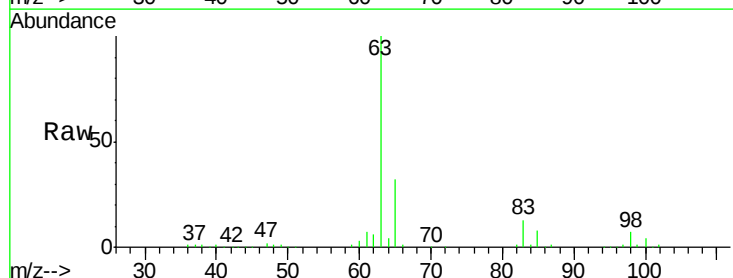
Tgt Ion: 63 Resp: 234551

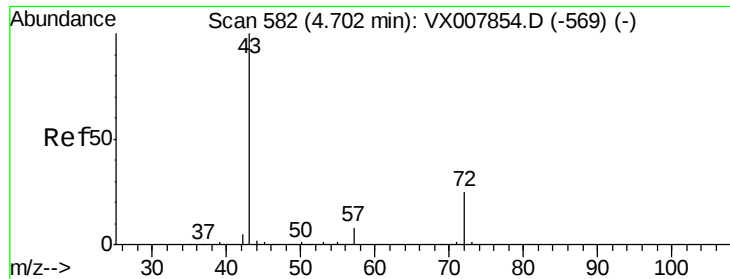
Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 231.941 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007895.D

Acq: 07 Mar 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

SW-2MSD

Tot Ion: 43 Resp: 530157

Ion Ratio Lower Upper

43 100

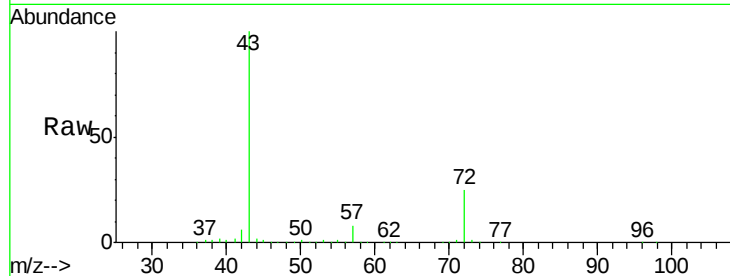
72 25.0 19.9 29.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

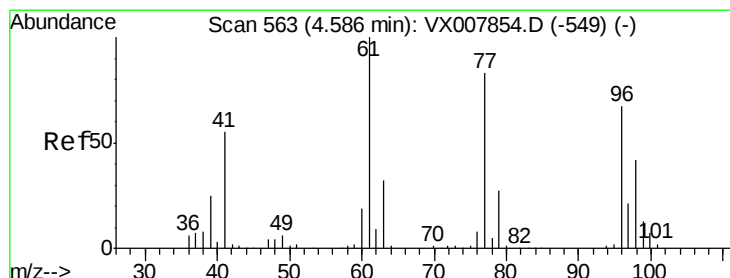
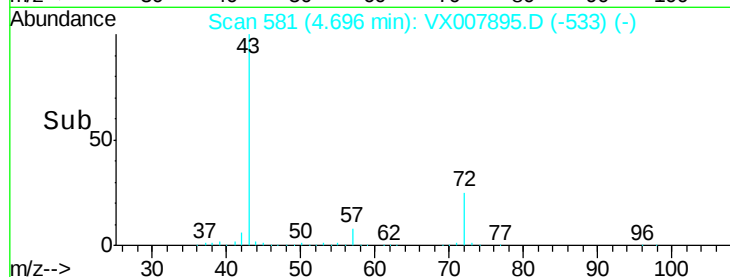
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 44.523 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007895.D

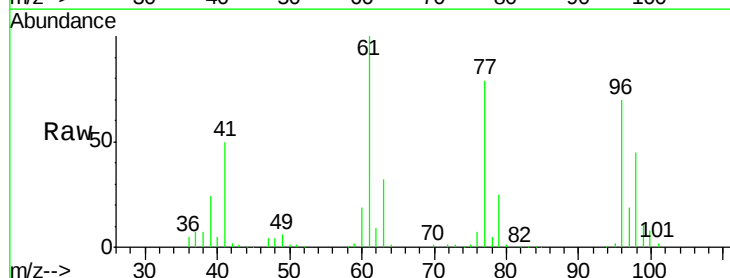
Acq: 07 Mar 2019 20:18

Tgt Ion: 77 Resp: 137558

Ion Ratio Lower Upper

77 100

97 25.1 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

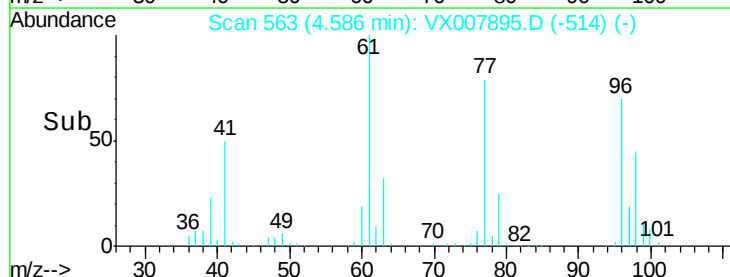
20000

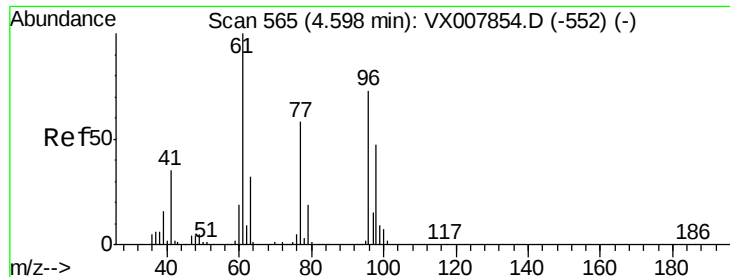
10000

0

4.40 4.50 4.60 4.70 4.80

Time-->





#27

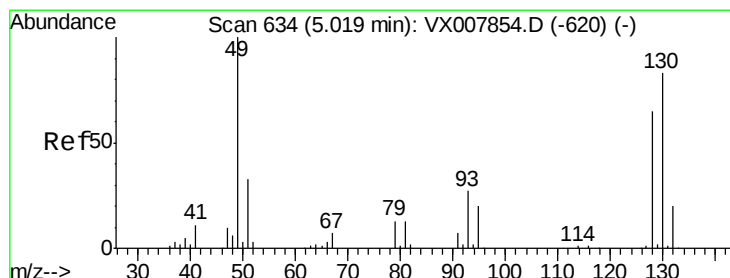
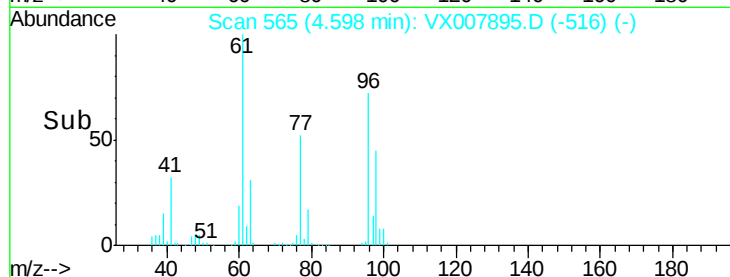
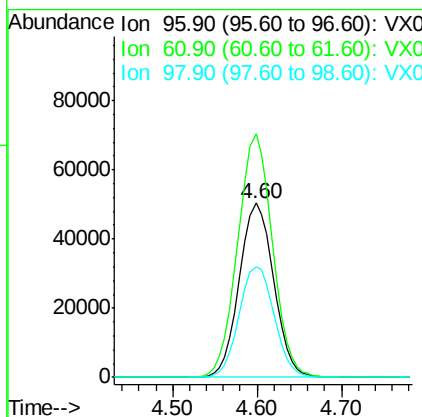
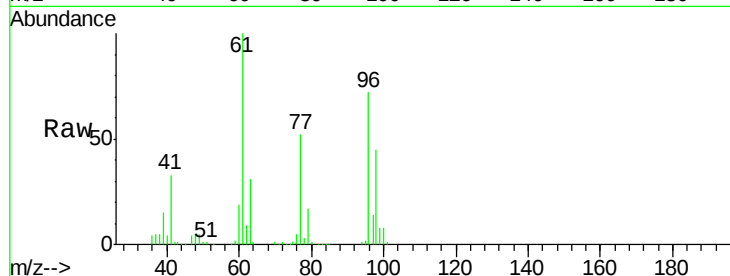
cis-1,2-Dichloroethene
Concen: 49.270 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Instrument :
MSVOA_X
ClientSampleId :
SW-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	139564		
61	141.7	0.0	288.0	
98	65.0	0.0	129.0	

Manual Integrations
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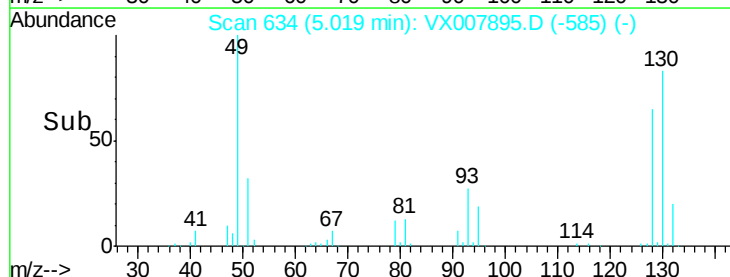
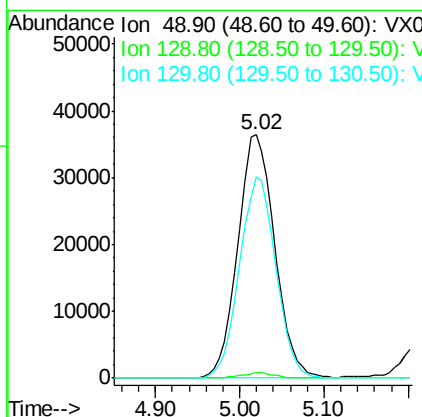
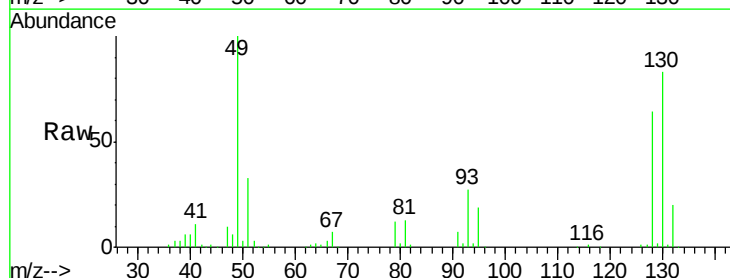
MMDadoda
3/8/2019 9:40:52 AM

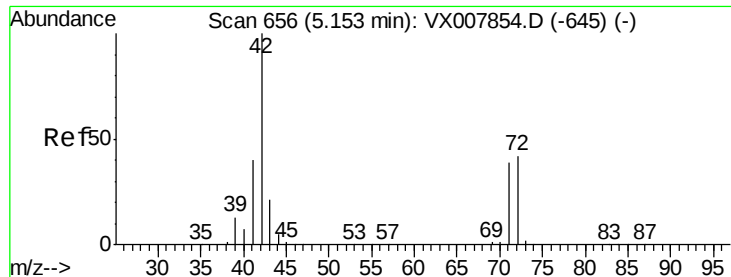


#28

Bromochloromethane
Concen: 49.908 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	108506		
129	2.0	0.0	4.0	
130	81.4	65.0	97.4	





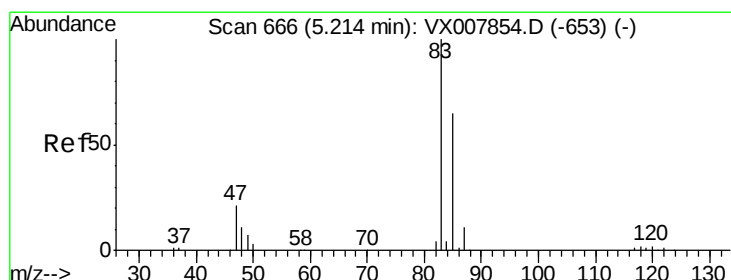
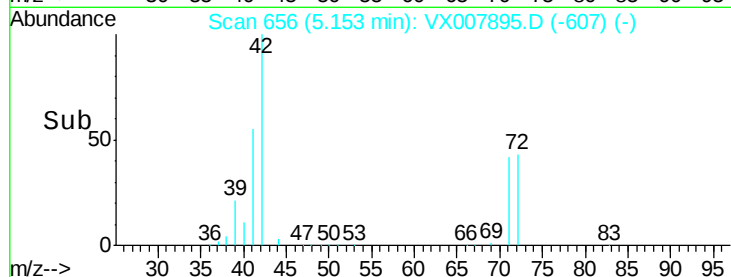
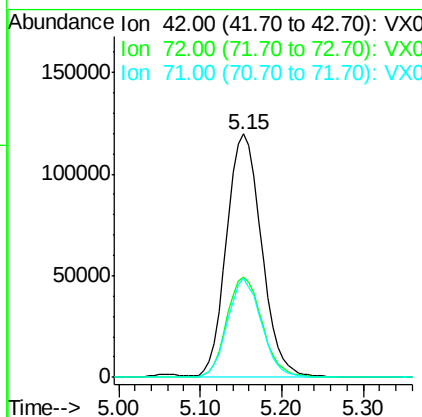
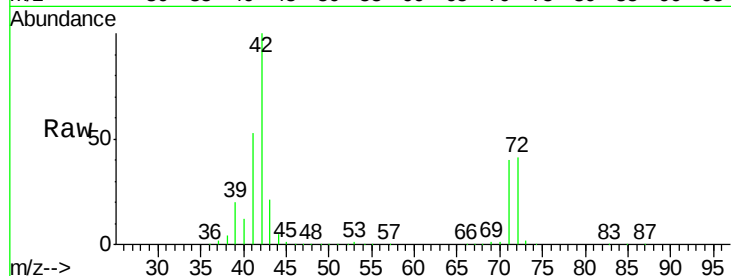
#29
Tetrahydrofuran
Concen: 249.439 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Instrument :
MSVOA_X
ClientSampleId :
SW-2MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	33.8	50.6
71	39.5	31.5	47.3

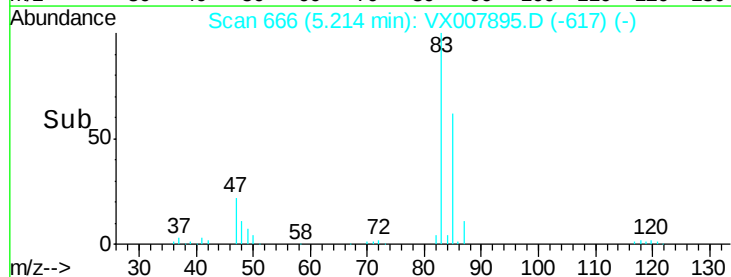
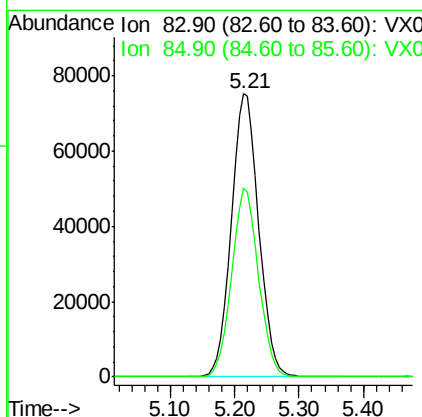
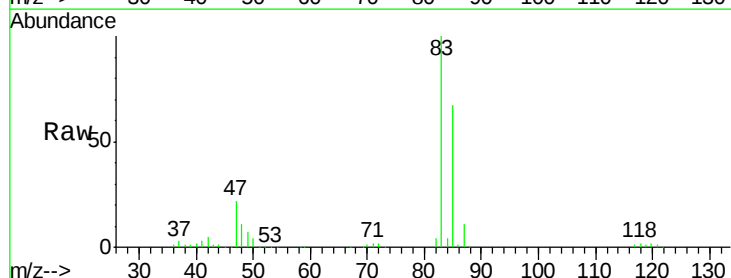
Manual Integrations
APPROVED

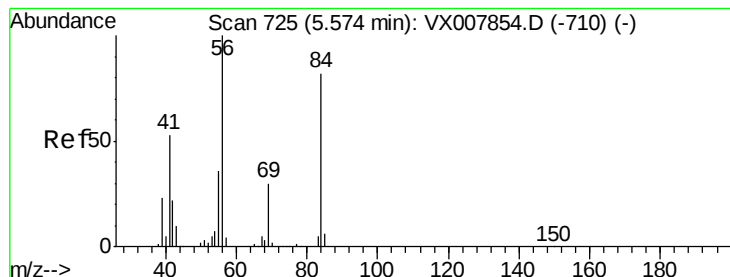
MMDadoda
3/8/2019 9:40:52 AM



#30
Chloroform
Concen: 50.441 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	51.8	77.6





#31

Cyclohexane

Concen: 50.289 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007895.D

Acq: 07 Mar 2019 20:18

Instrument :

MSVOA_X

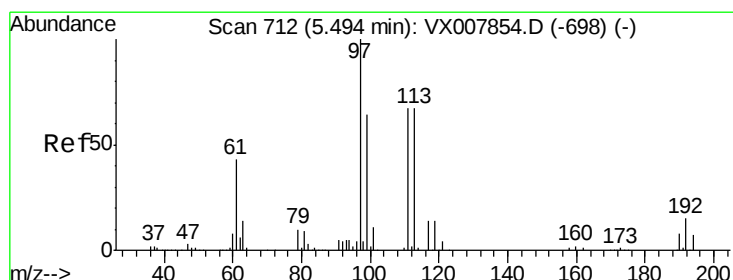
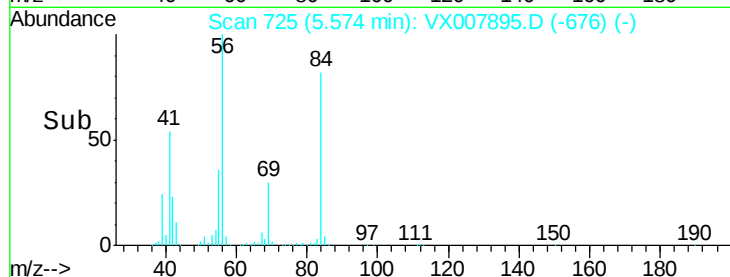
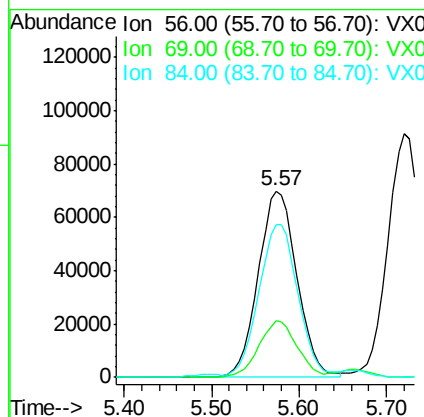
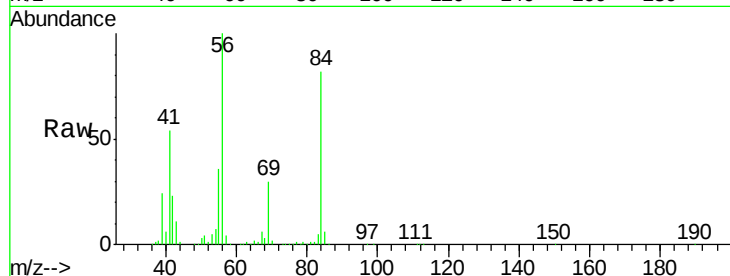
ClientSampleId :

SW-2MSD

Tot Ion:	56	Resp:	215541
Ion	Ratio	Lower	Upper
56	100		
69	30.2	24.0	36.0
84	80.9	65.3	97.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.309 ug/l

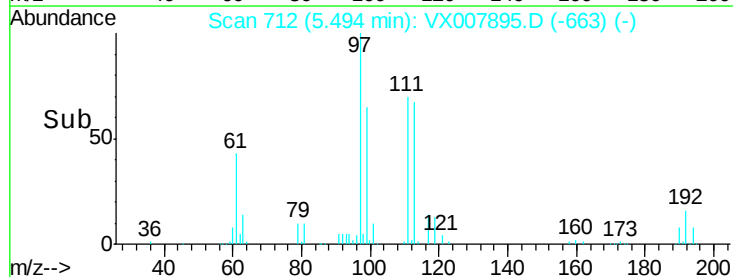
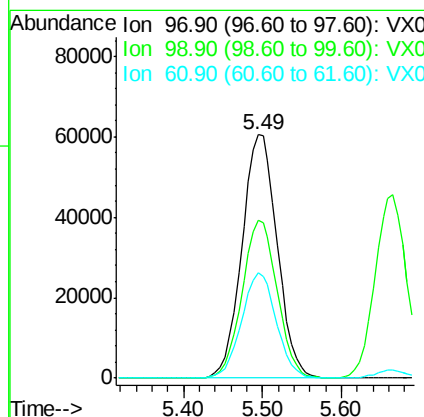
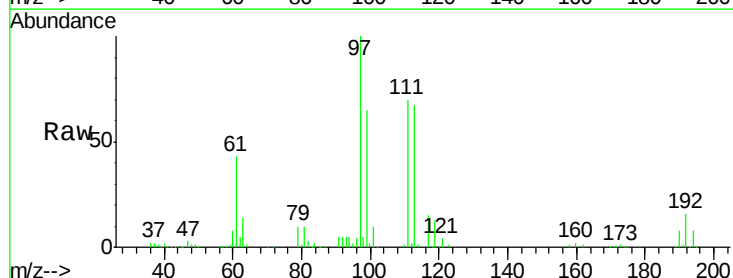
RT: 5.49 min Scan# 712

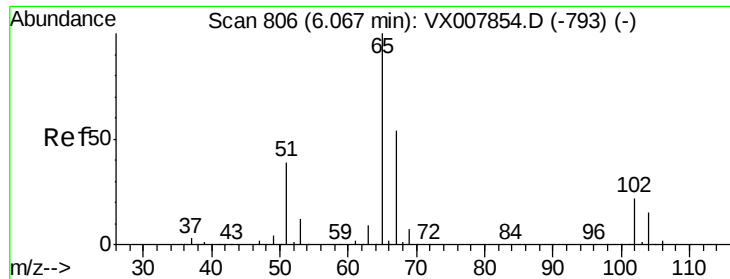
Delta R.T. 0.00 min

Lab File: VX007895.D

Acq: 07 Mar 2019 20:18

Tgt Ion:	97	Resp:	187798
Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.2	78.2
61	42.9	34.9	52.3





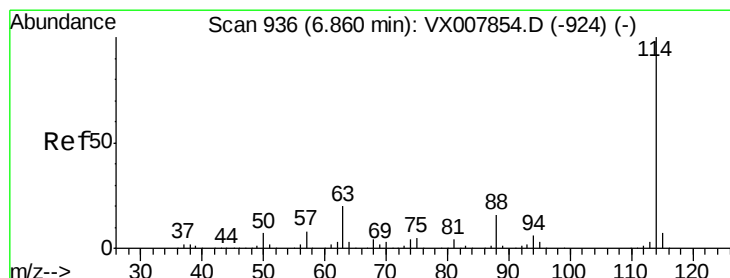
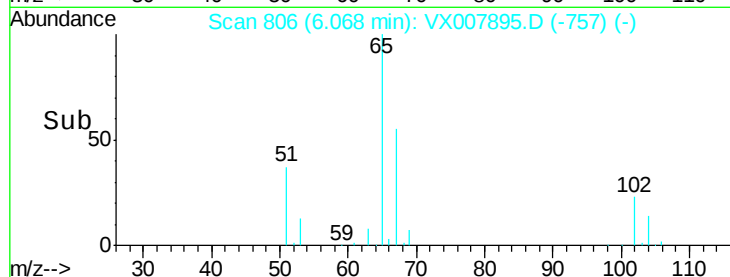
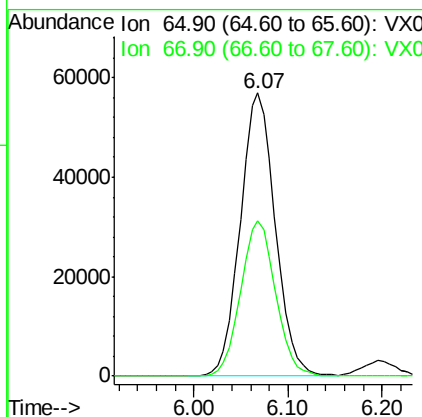
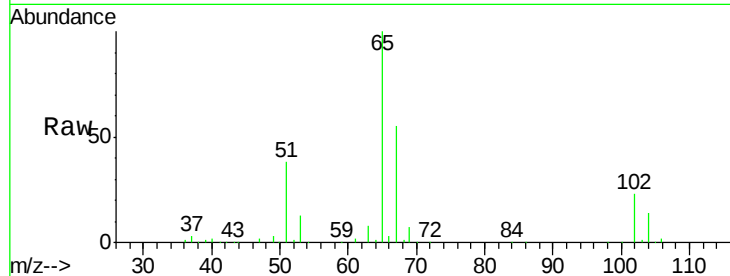
#33
 1,2-Dichloroethane-d4
 Concen: 52.958 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007895.D
 Acq: 07 Mar 2019 20:18

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	147720		
67	55.0	0.0	0.0	110.0

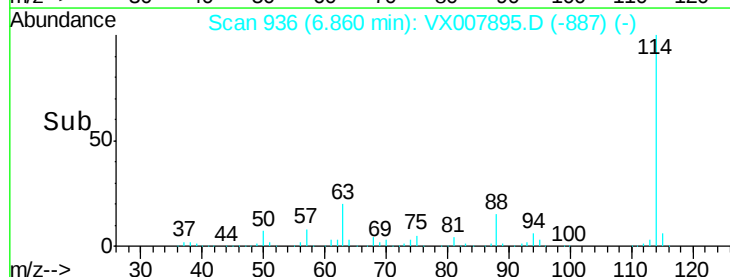
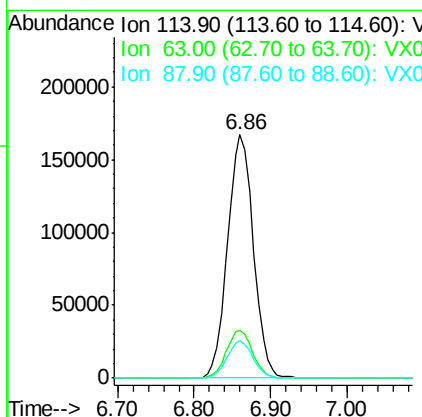
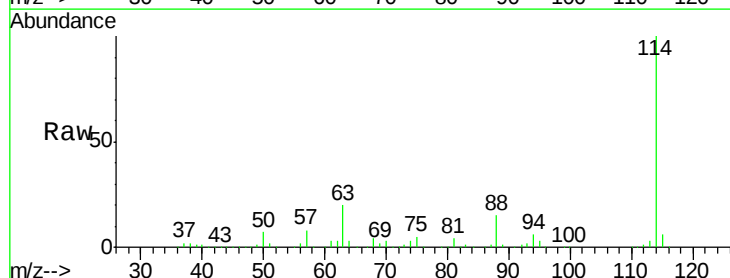
Manual Integrations
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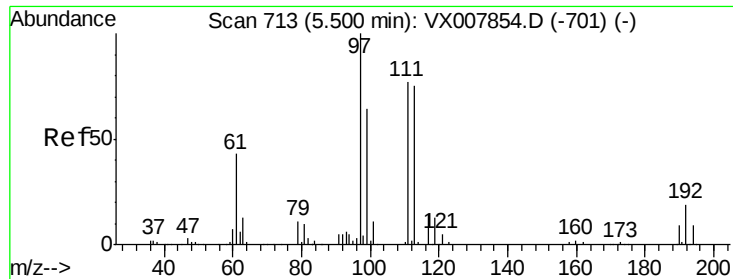
MMDadoda
 3/8/2019 9:40:52 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007895.D
 Acq: 07 Mar 2019 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	390192		
63	19.8	0.0	0.0	39.8
88	15.3	0.0	0.0	31.4





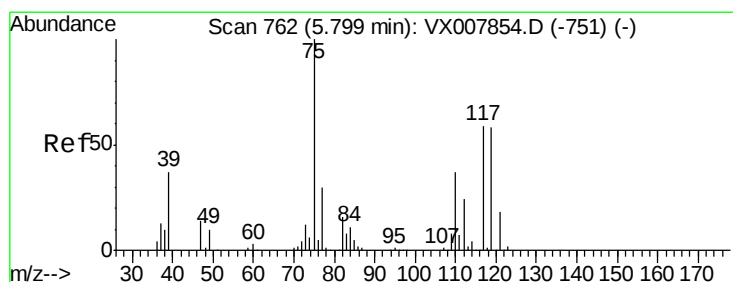
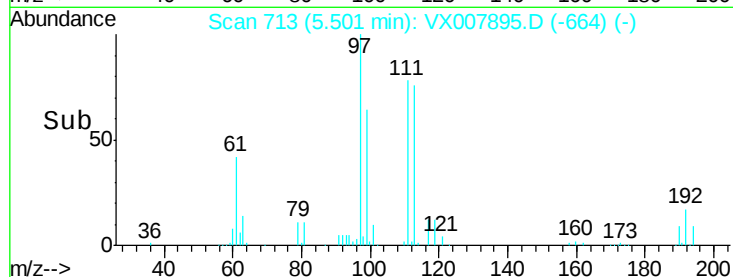
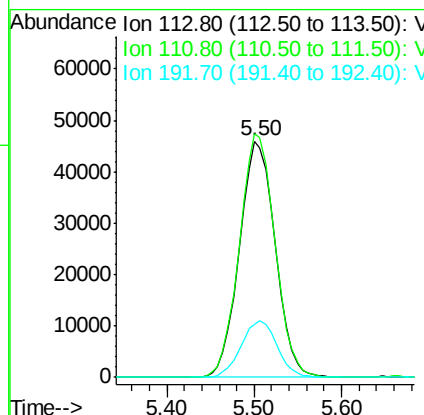
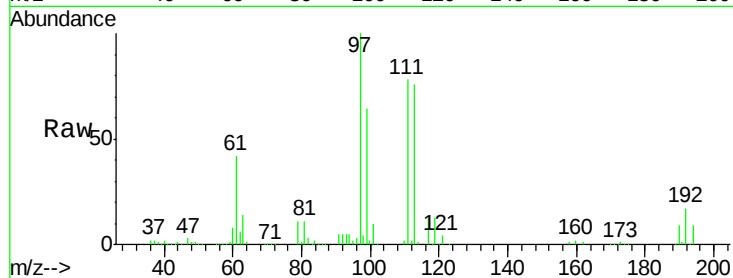
#35
 Dibromofluoromethane
 Concen: 52.456 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX007895.D
 Acq: 07 Mar 2019 20:18

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	130927		
111	102.4	81.4	122.0	
192	24.1	19.4	29.0	

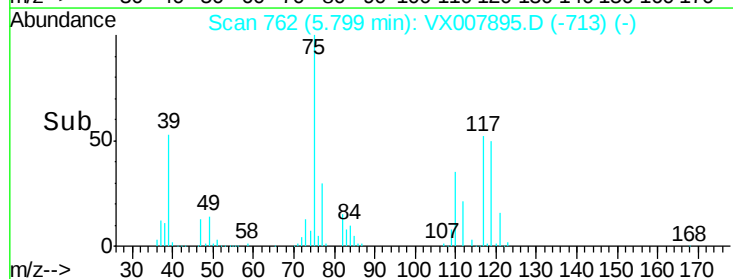
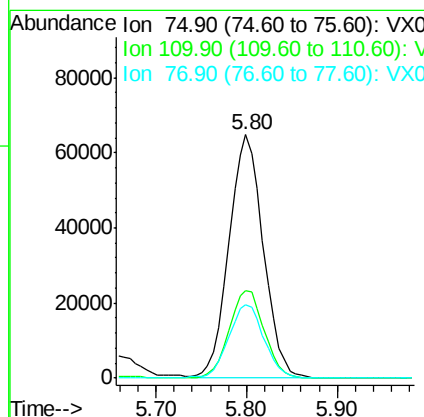
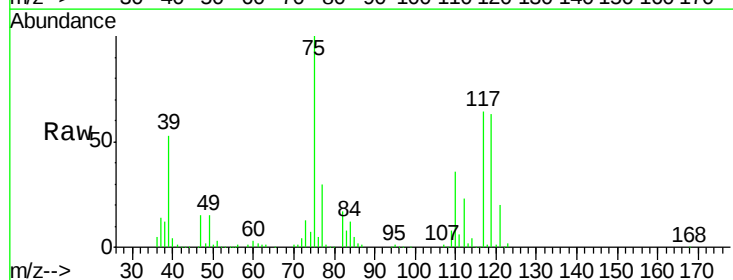
Manual Integrations
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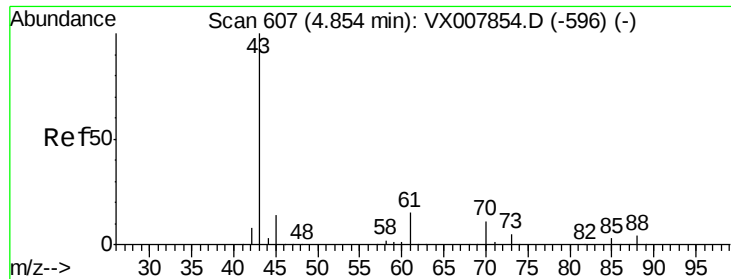
MMDadoda
 3/8/2019 9:40:52 AM



#36
 1,1-Dichloropropene
 Concen: 48.022 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007895.D
 Acq: 07 Mar 2019 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	169667		
110	37.0	18.4	55.0	
77	31.6	25.0	37.4	





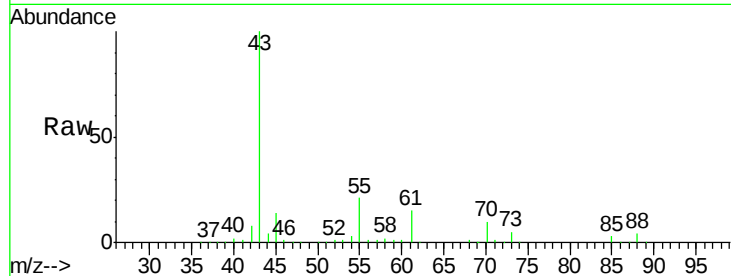
#37
Ethyl Acetate
Concen: 43.825 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Instrument :
MSVOA_X
ClientSampleId :
SW-2MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.3	16.9
70	10.6	8.5	12.7

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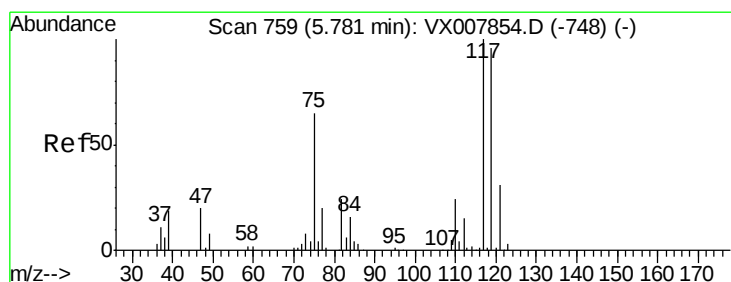
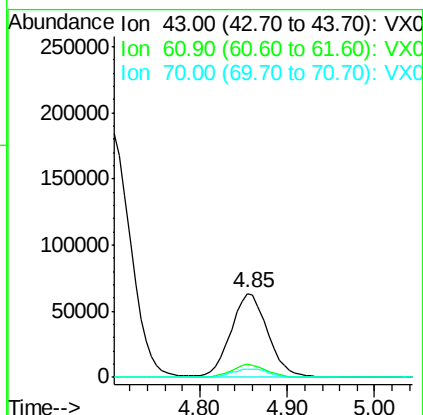
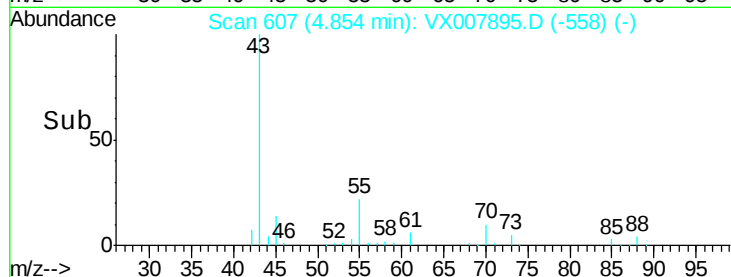


Abundance

Ion 43.00 (42.70 to 43.70): VX007895.D (-558) (-)

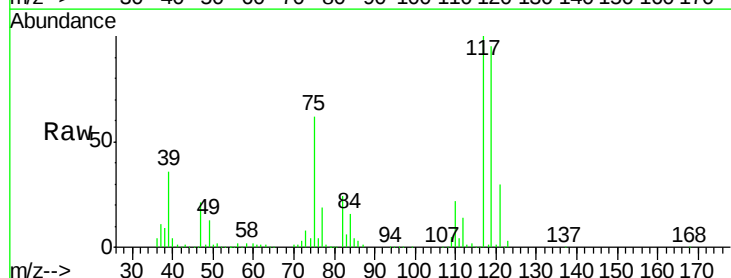
Ion 60.90 (60.60 to 61.60): VX007895.D (-558) (-)

Ion 70.00 (69.70 to 70.70): VX007895.D (-558) (-)



#38
Carbon Tetrachloride
Concen: 50.549 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.2	114.2
121	29.9	24.6	36.8

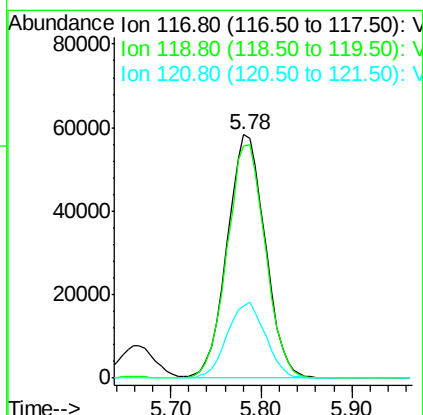
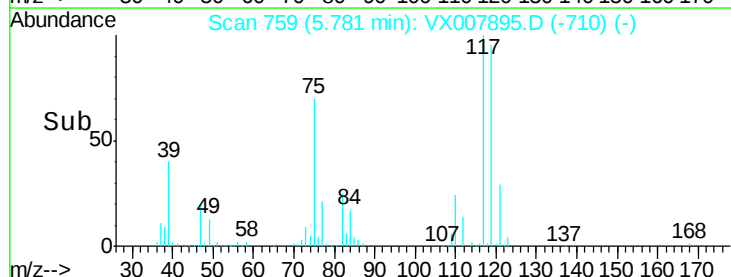


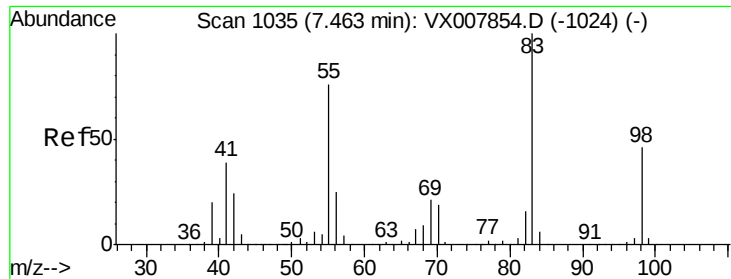
Abundance

Ion 116.80 (116.50 to 117.50): VX007895.D (-710) (-)

Ion 118.80 (118.50 to 119.50): VX007895.D (-710) (-)

Ion 120.80 (120.50 to 121.50): VX007895.D (-710) (-)





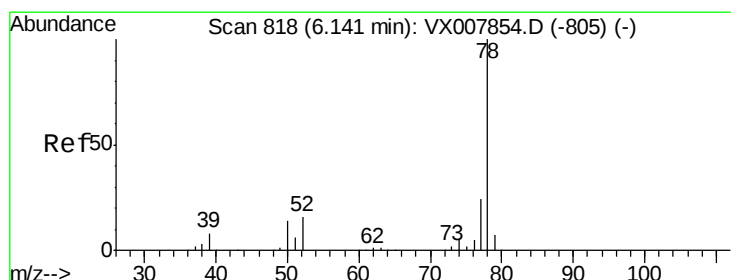
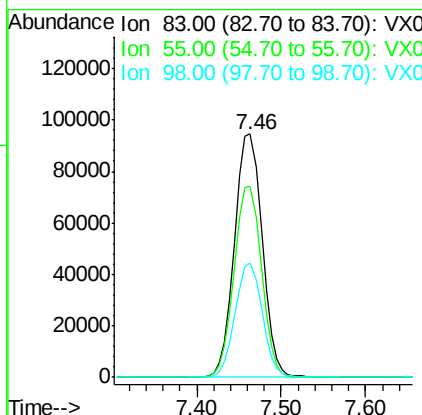
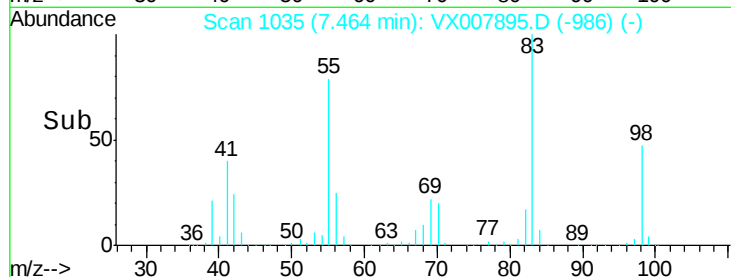
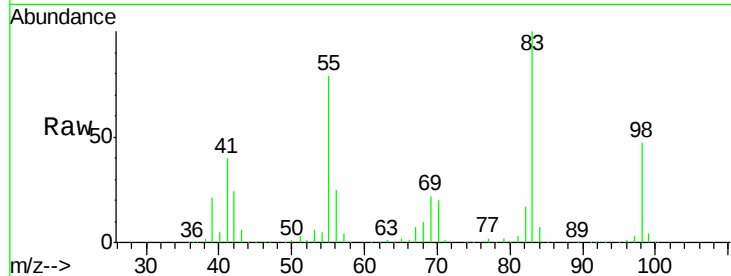
#39
Methvlcvclohexane
Concen: 49.178 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Instrument :
MSVOA_X
ClientSampleId :
SW-2MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.8	60.4	90.6
98	47.0	36.5	54.7

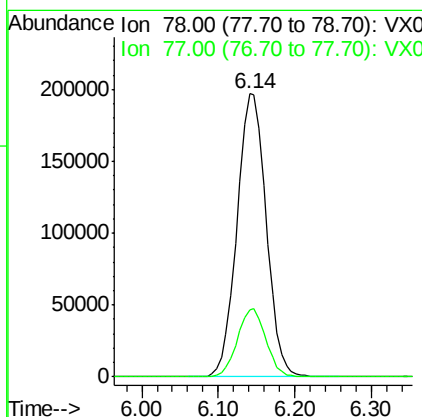
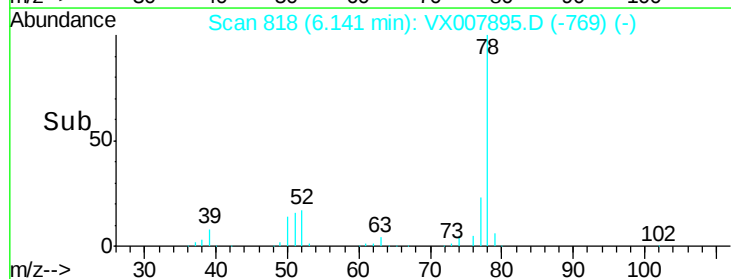
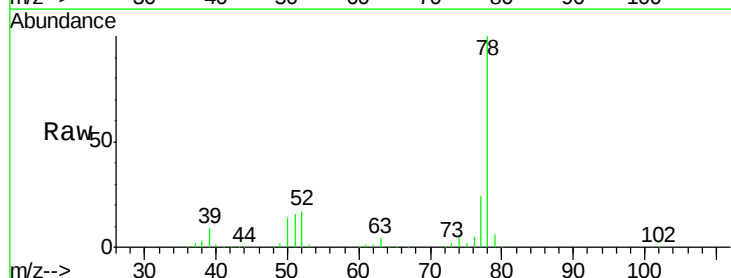
Manual Integrations
APPROVED

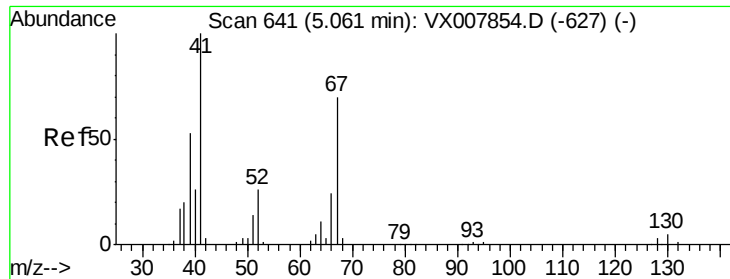
MMDadoda
3/8/2019 9:40:52 AM



#40
Benzene
Concen: 49.609 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4





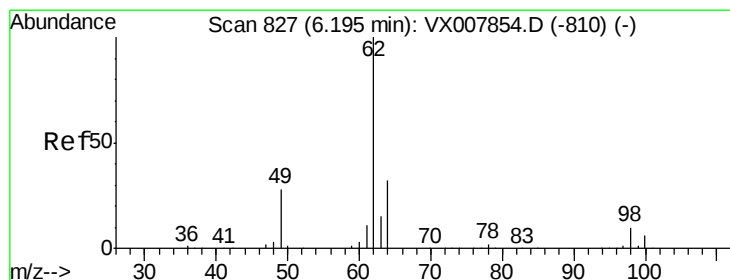
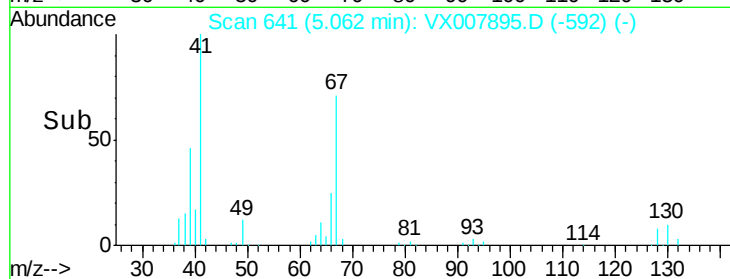
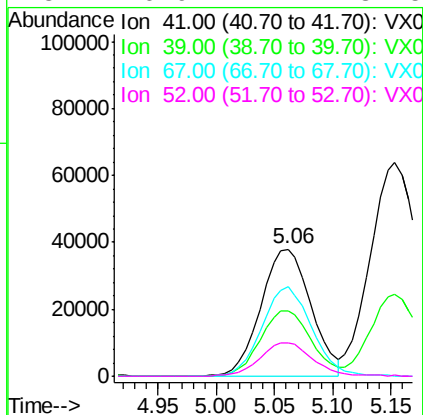
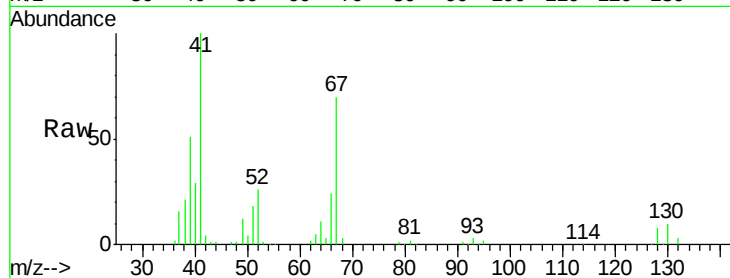
#41
Methacrylonitrile
Concen: 49.768 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Instrument :
MSVOA_X
ClientSampleID :
SW-2MSD

Tot Ion:	41	Resp:	113763
Ion	Ratio	Lower	Upper
41	100		
39	51.8	41.6	62.4
67	69.9	55.8	83.6
52	26.9	21.7	32.5

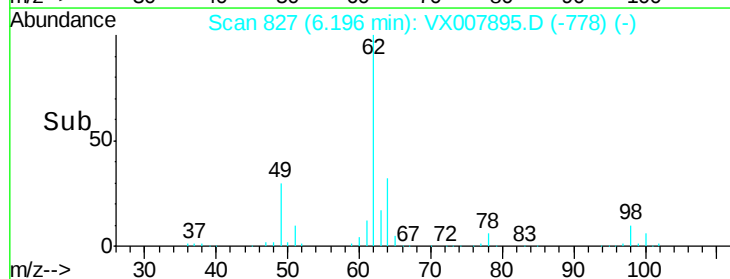
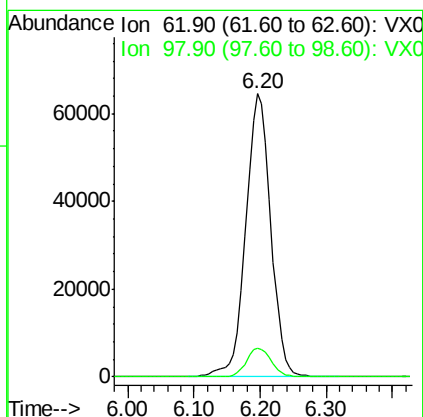
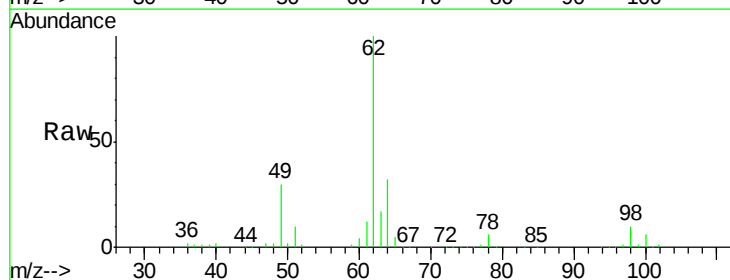
Manual Integrations
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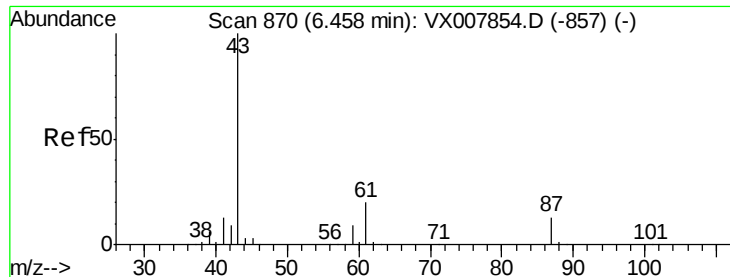
MMDadoda
3/8/2019 9:40:52 AM



#42
1,2-Dichloroethane
Concen: 49.441 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion:	62	Resp:	170067
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4





#43

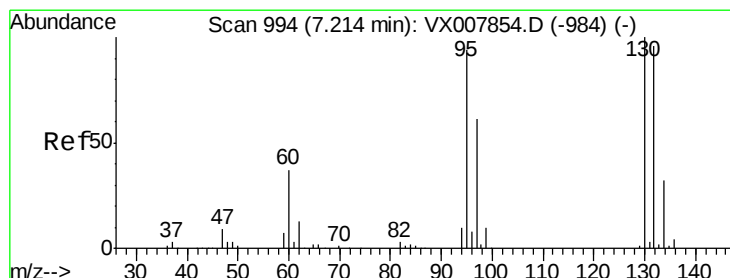
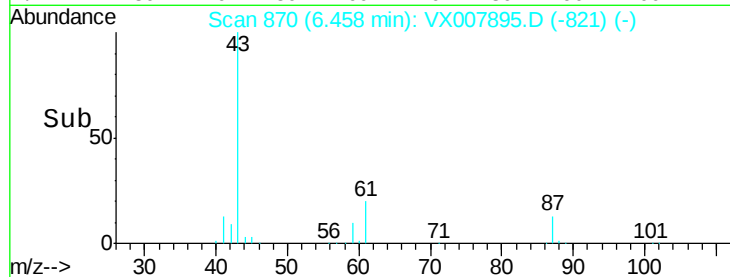
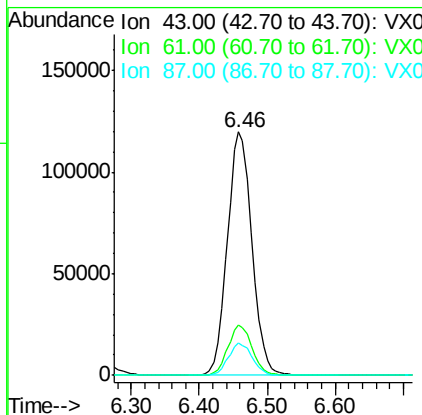
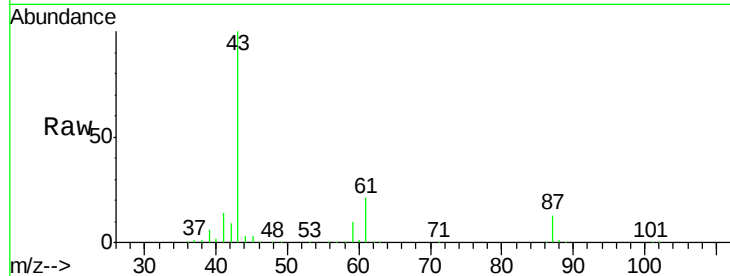
Isopropyl Acetate
 Concen: 47.951 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX007895.D
 Acq: 07 Mar 2019 20:18

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-2MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.3	24.5
87	13.2	10.5	15.7

Manual Integrations
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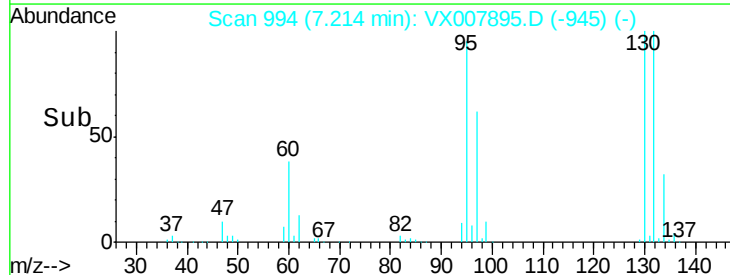
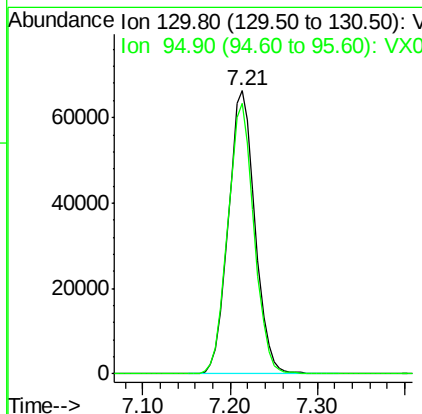
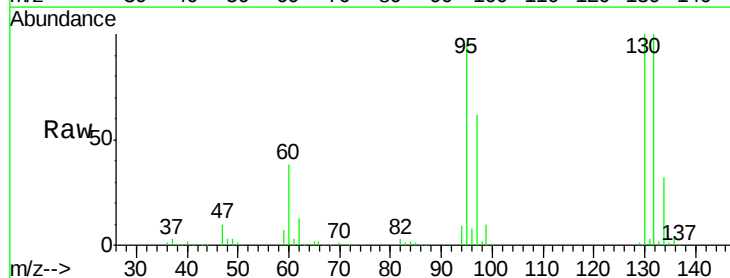
MMDadoda
 3/8/2019 9:40:52 AM

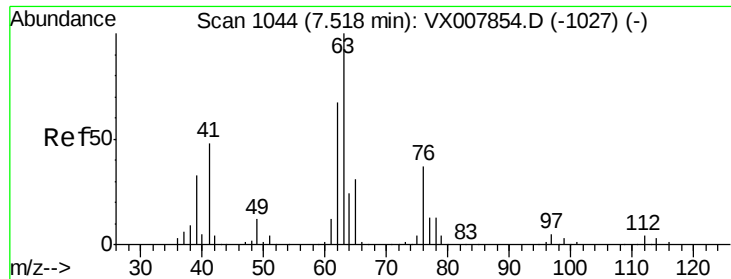


#44

Trichloroethene
 Concen: 48.399 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007895.D
 Acq: 07 Mar 2019 20:18

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	188.0





#45

1,2-Dichloropropane

Concen: 50.147 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX007895.D

Acq: 07 Mar 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

SW-2MSD

Tot Ion: 63 Resp: 139312

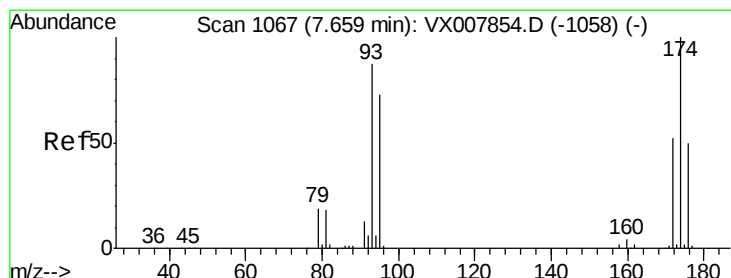
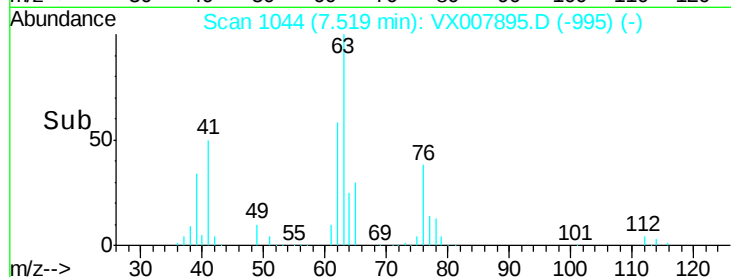
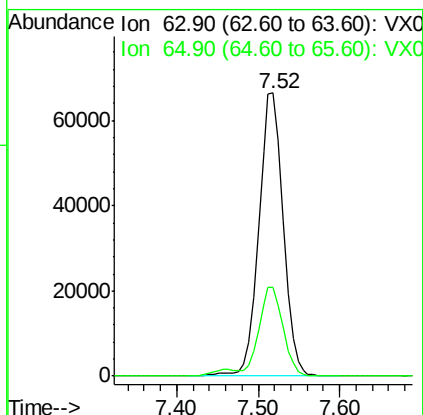
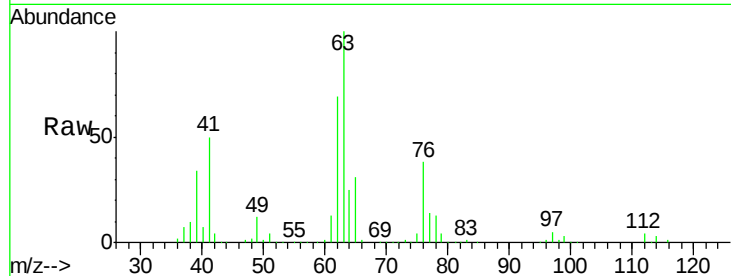
Ion Ratio Lower Upper

63 100

65 31.4 24.7 37.1

Manual Integrations
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#46

Dibromomethane

Concen: 49.880 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX007895.D

Acq: 07 Mar 2019 20:18

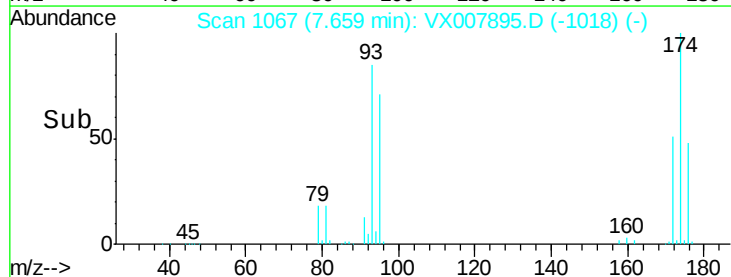
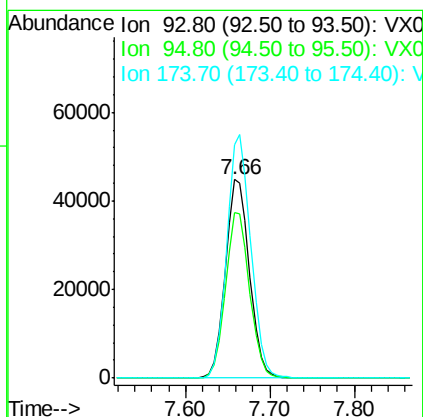
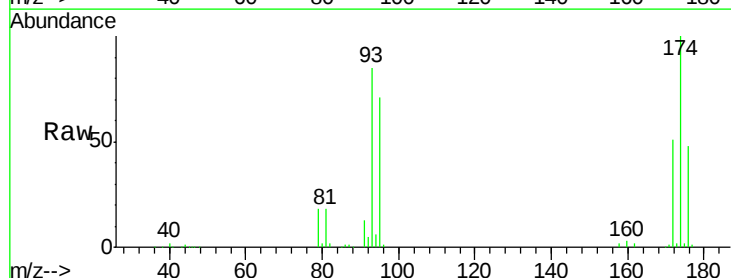
Tgt Ion: 93 Resp: 87695

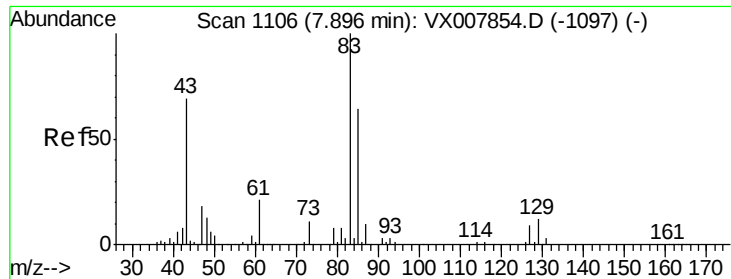
Ion Ratio Lower Upper

93 100

95 83.4 66.8 100.2

174 121.1 97.3 145.9





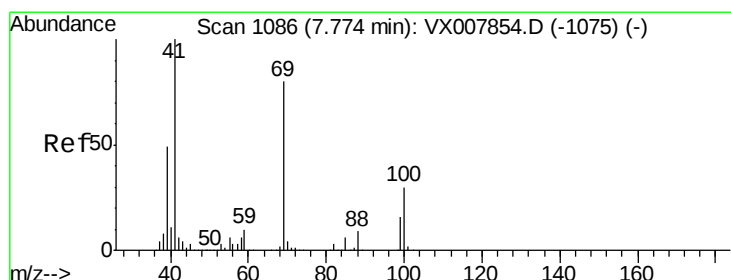
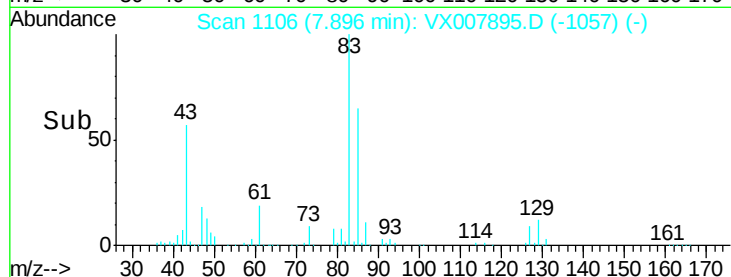
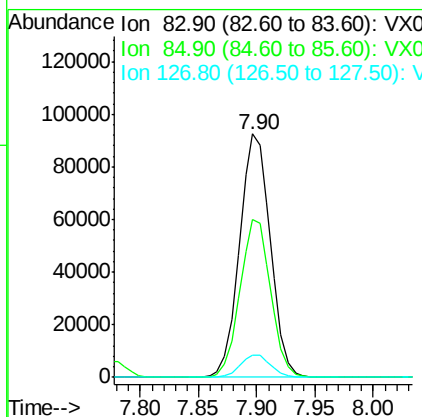
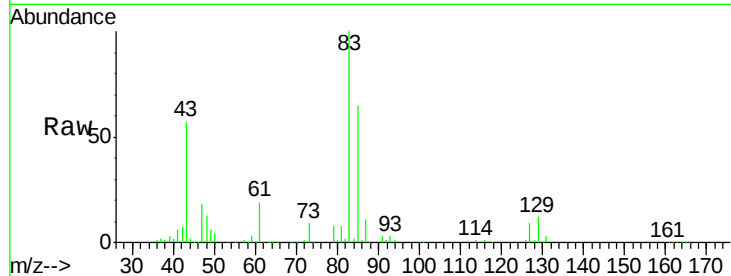
#47
Bromodichloromethane
Concen: 51.096 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Instrument :
MSVOA_X
ClientSampleId :
SW-2MSD

Tot Ion	83	Resp	170316
Ion Ratio	100	Lower	Upper
83	100		
85	64.9	50.9	76.3
127	9.2	7.4	11.0

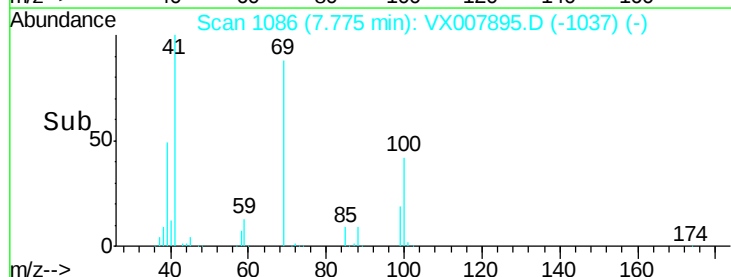
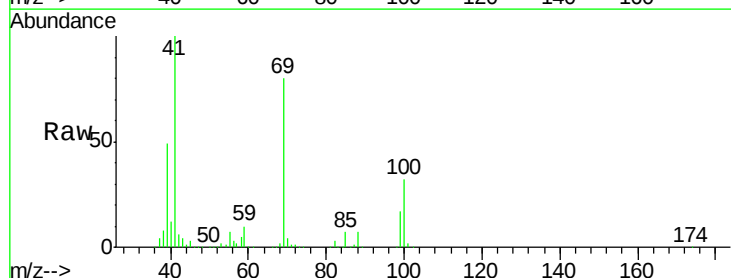
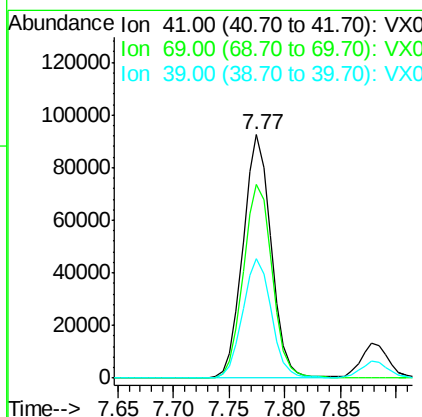
Manual Integrations
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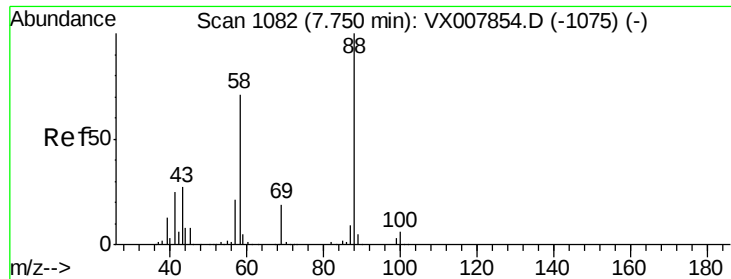
MMDadoda
3/8/2019 9:40:52 AM



#48
Methyl methacrylate
Concen: 50.019 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion	41	Resp	163180
Ion Ratio	100	Lower	Upper
41	100		
69	81.8	65.2	97.8
39	49.5	39.4	59.2





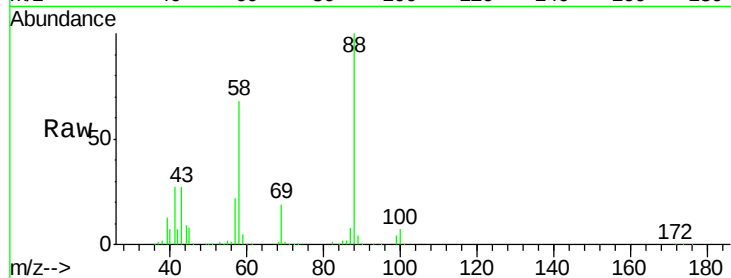
#49
1,4-Dioxane
Concen: 967.002 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Instrument :
MSVOA_X
ClientSampleId :
SW-2MSD

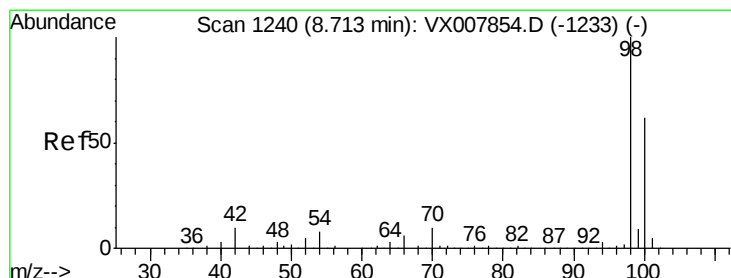
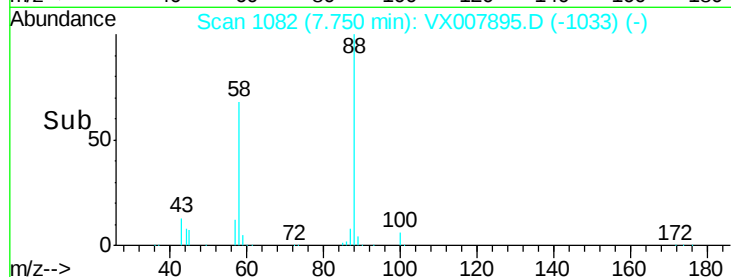
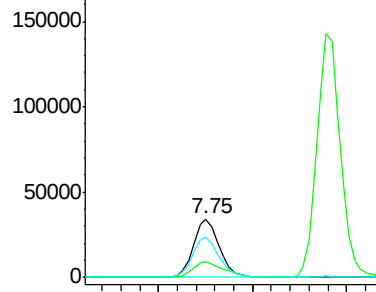
Tot Ion	Ratio	Lower	Upper
88	100		
43	31.1	25.1	37.7
58	71.2	57.8	86.6

Manual Integrations
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3/8/2019 9:40:52 AM

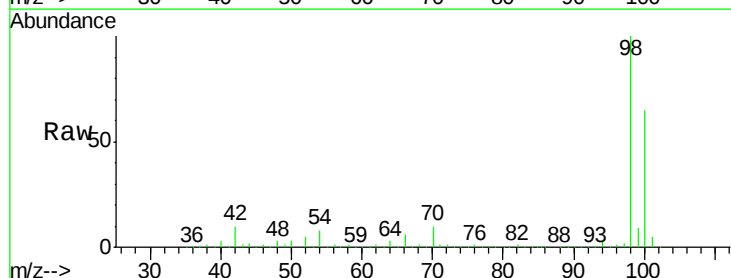


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

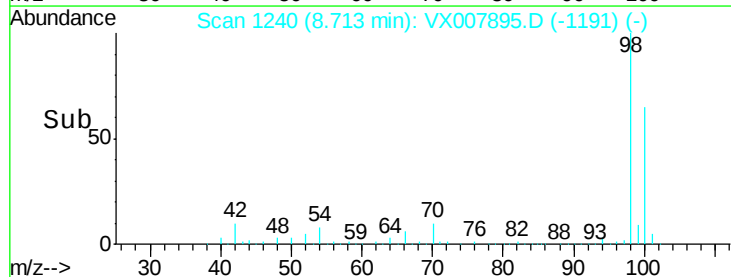
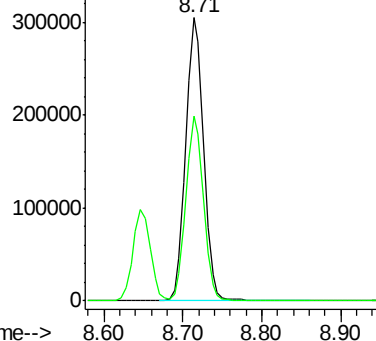


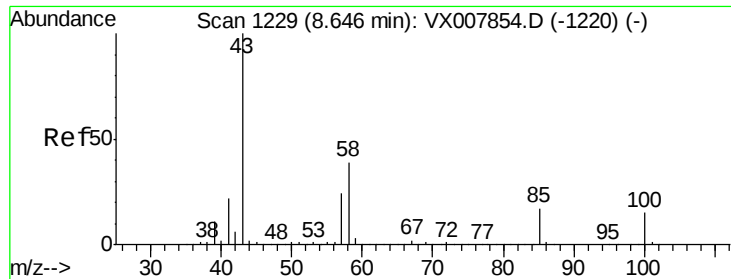
#50
Toluene-d8
Concen: 52.525 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.7	77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 250.730 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007895.D

Acq: 07 Mar 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

SW-2MSD

Tot Ion: 43 Resp: 1000539

Ion Ratio Lower Upper

43 100

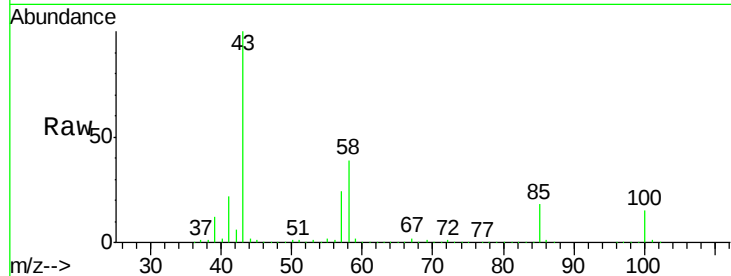
58 39.2 31.3 46.9

Manual Integrations

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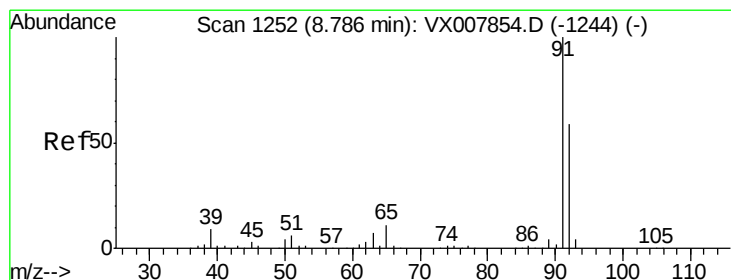
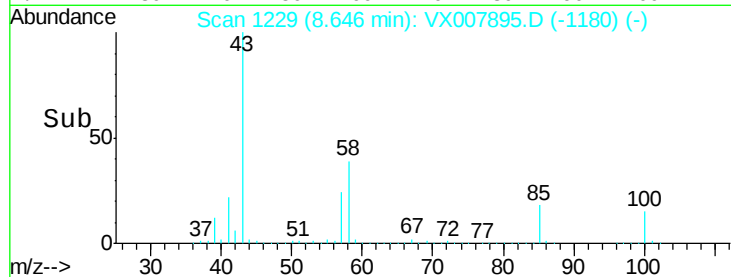
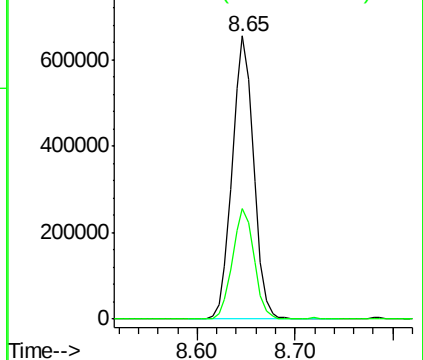
MMDadoda

3/8/2019 9:40:52 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.787 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX007895.D

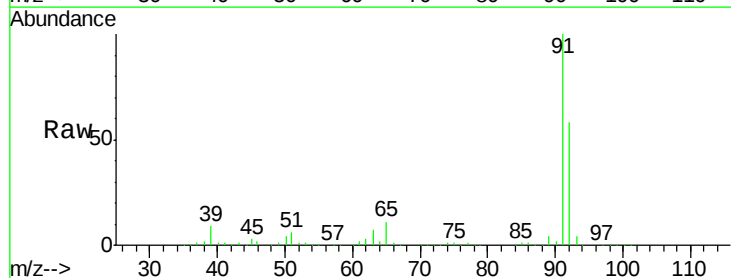
Acq: 07 Mar 2019 20:18

Tgt Ion: 92 Resp: 319712

Ion Ratio Lower Upper

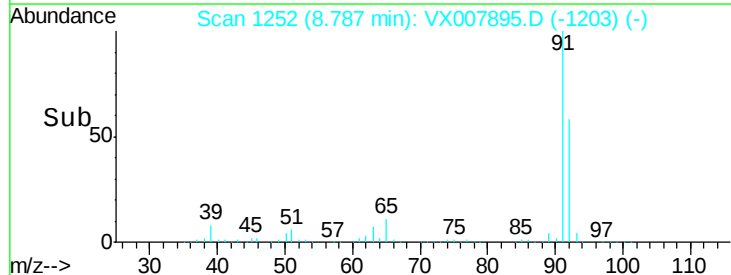
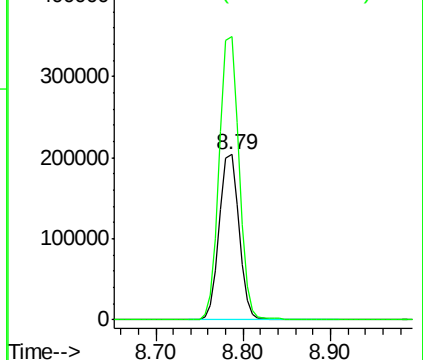
92 100

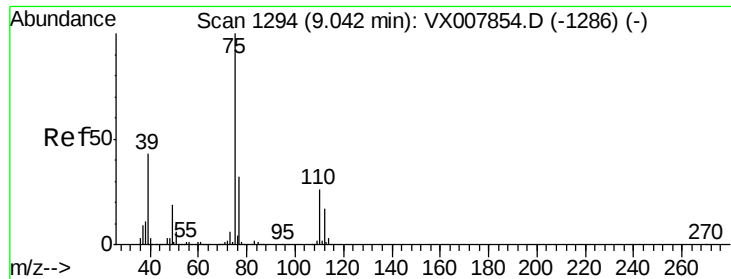
91 171.4 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





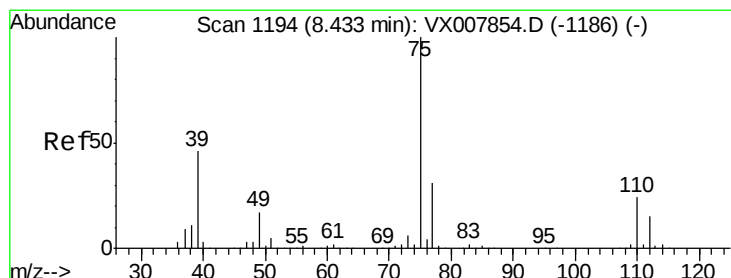
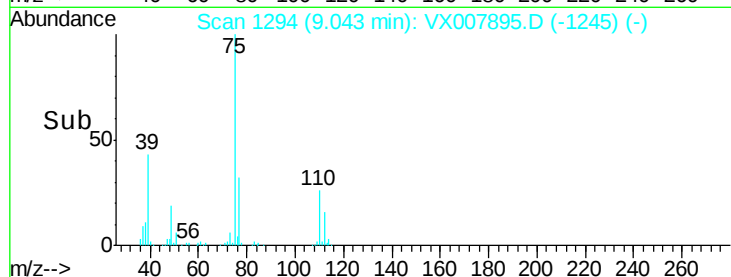
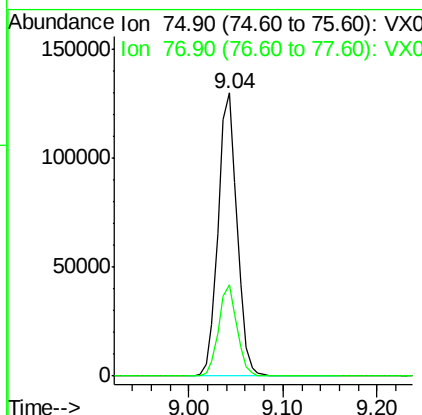
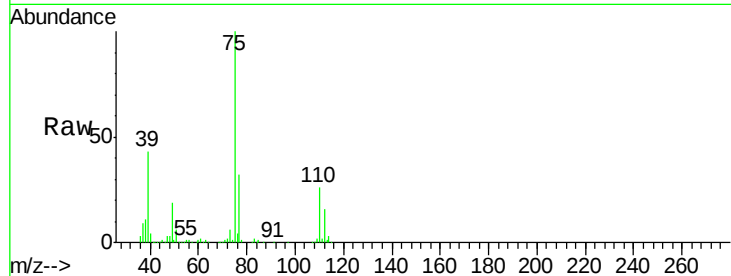
#53
t-1,3-Dichloropropene
Concen: 52.002 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Instrument :
MSVOA_X
ClientSampleId :
SW-2MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.4	38.0

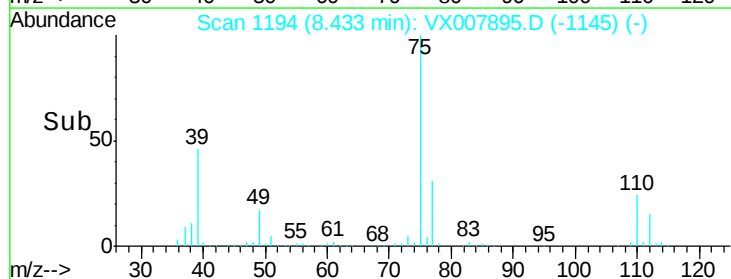
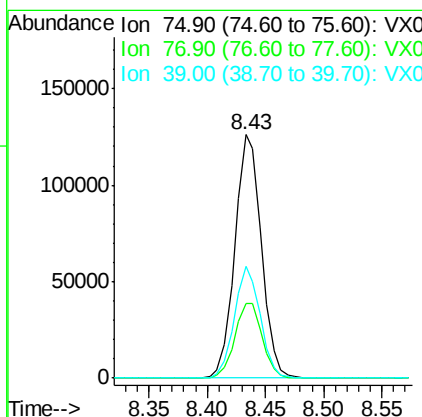
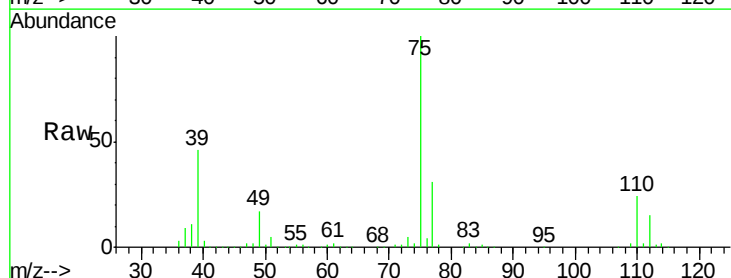
Manual Integrations
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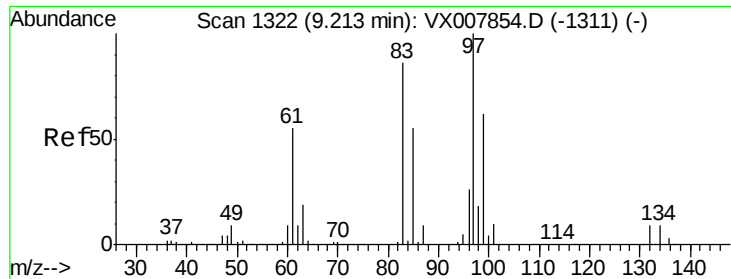
MMDadoda
3/8/2019 9:40:52 AM



#54
cis-1,3-Dichloropropene
Concen: 50.923 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.0	37.6
39	45.6	36.6	54.8





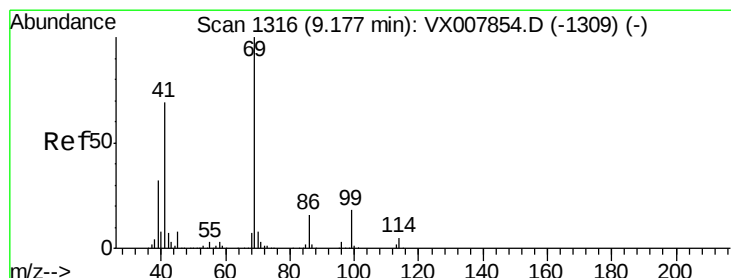
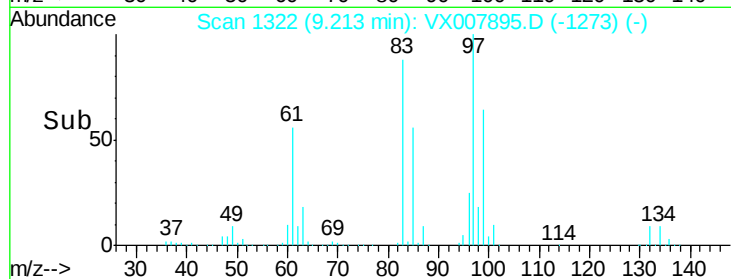
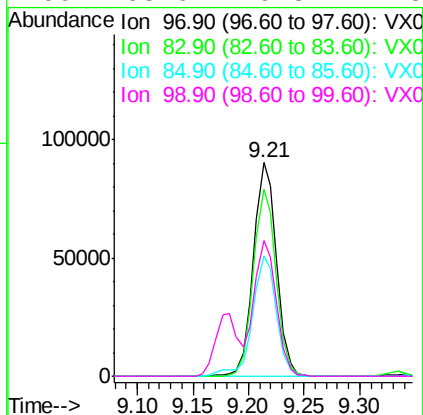
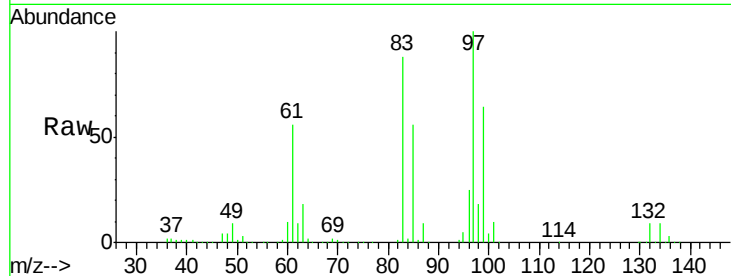
#55
 1,1,2-Trichloroethane
 Concen: 50.231 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007895.D
 Acq: 07 Mar 2019 20:18

Instrument :
 MSVOA_X
 ClientSampled :
 SW-2MSD

Tot Ion:	97	Resp:	130577
Ion Ratio	Lower	Upper	
97	100		
83	87.8	69.1	103.7
85	56.3	44.3	66.5
99	63.6	49.8	74.8

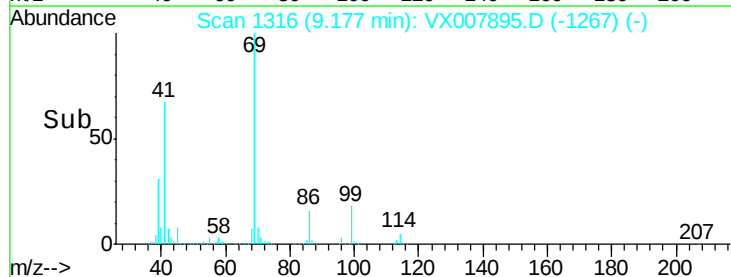
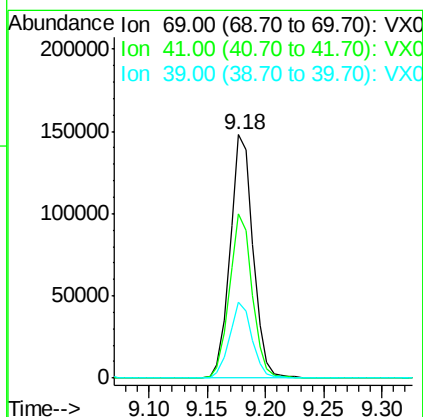
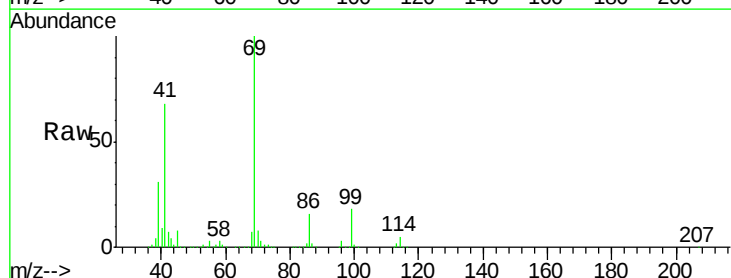
Manual Integrations
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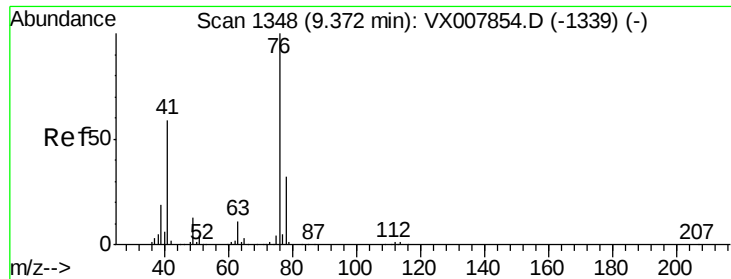
MMDadoda
 3/8/2019 9:40:52 AM



#56
 Ethyl methacrylate
 Concen: 52.102 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX007895.D
 Acq: 07 Mar 2019 20:18

Tgt Ion:	69	Resp:	203358
Ion Ratio	Lower	Upper	
69	100		
41	66.7	54.2	81.4
39	30.7	25.0	37.4





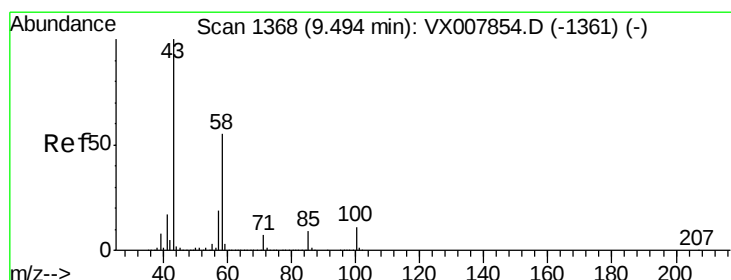
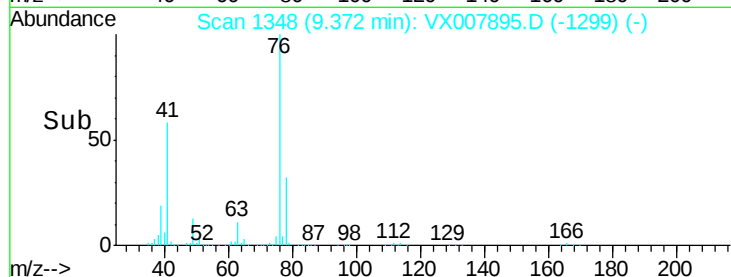
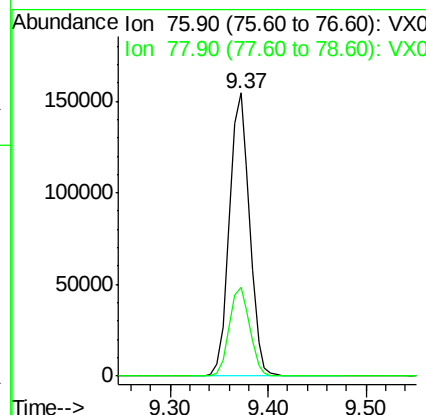
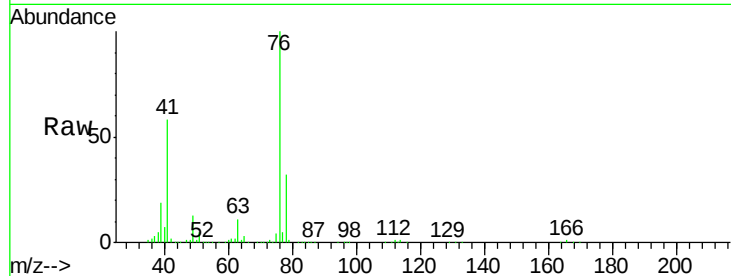
#57
 1,3-Dichloropropane
 Concen: 50.514 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX007895.D
 Acq: 07 Mar 2019 20:18

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-2MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.5	38.3

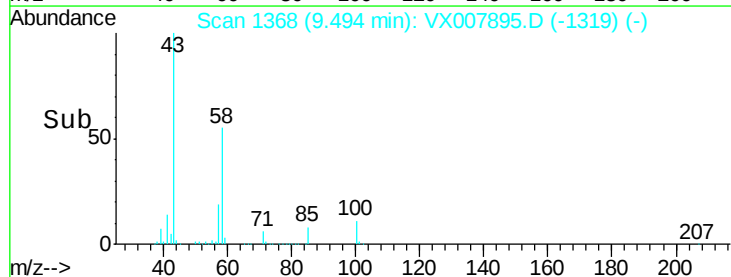
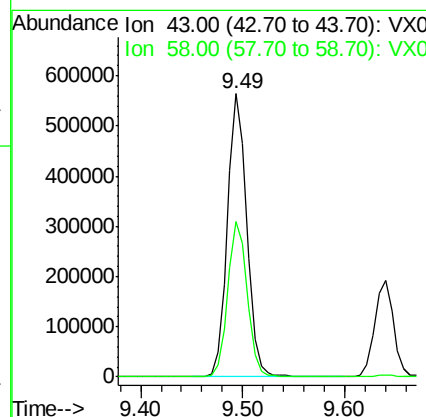
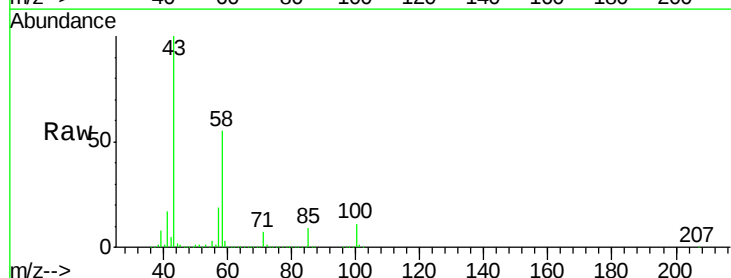
Manual Integrations
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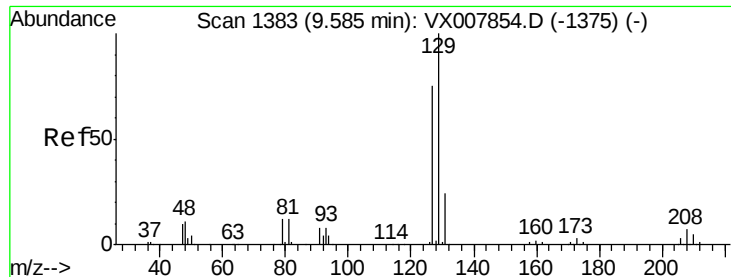
MMDadoda
 3/8/2019 9:40:52 AM



#59
 2-Hexanone
 Concen: 241.064 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VX007895.D
 Acq: 07 Mar 2019 20:18

Tgt Ion	Ratio	Lower	Upper
43	100		
58	55.1	27.6	82.7





#60

Dibromochloromethane

Concen: 52.449 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX007895.D

Acq: 07 Mar 2019 20:18

Instrument :

MSVOA_X

ClientSampled :

SW-2MSD

Tot Ion:129 Resp: 142511

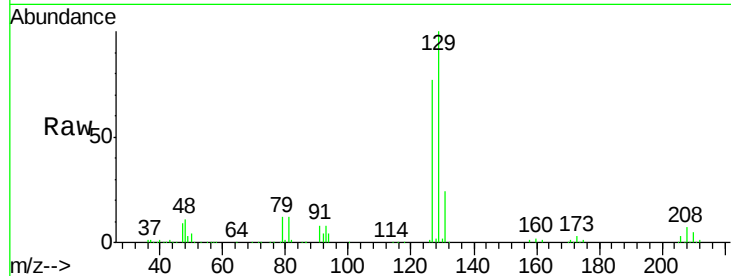
Ion Ratio Lower Upper

129 100

127 77.3 38.3 114.8

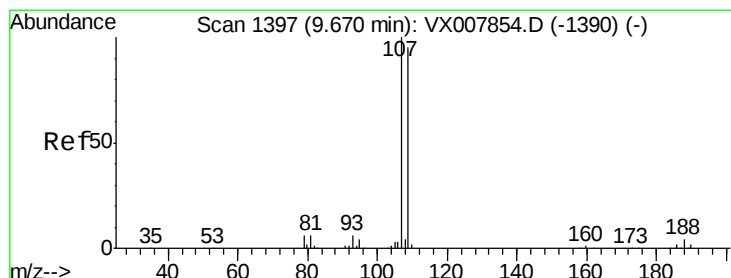
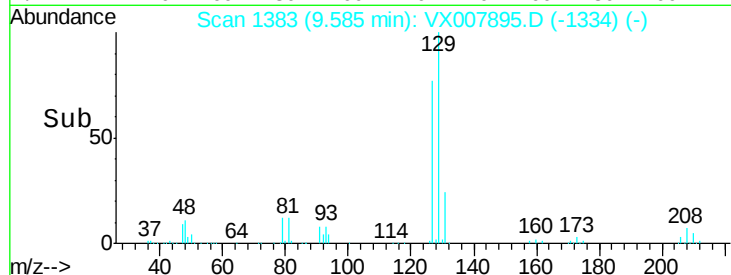
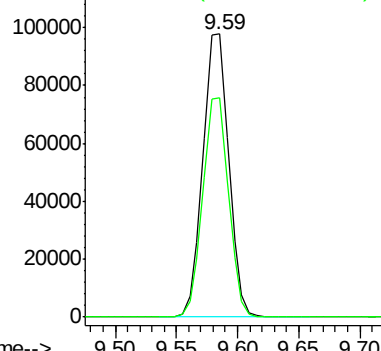
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 49.998 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007895.D

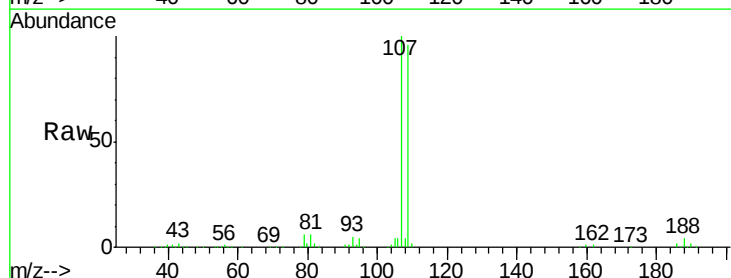
Acq: 07 Mar 2019 20:18

Tgt Ion:107 Resp: 137993

Ion Ratio Lower Upper

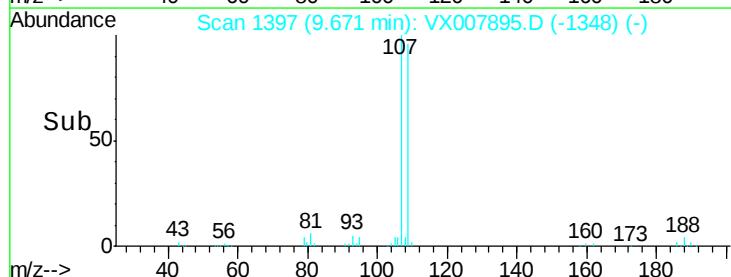
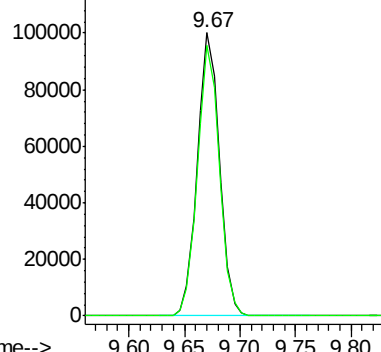
107 100

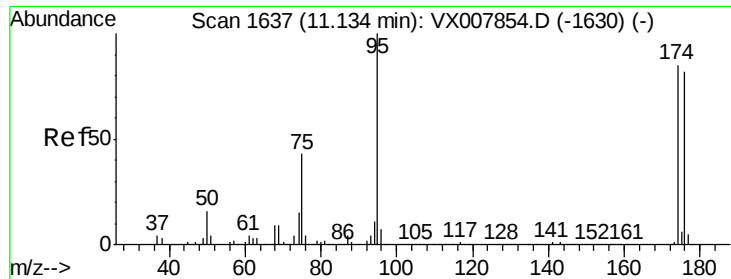
109 95.0 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 52.321 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007895.D

Acq: 07 Mar 2019 20:18

Instrument :

MSVOA_X

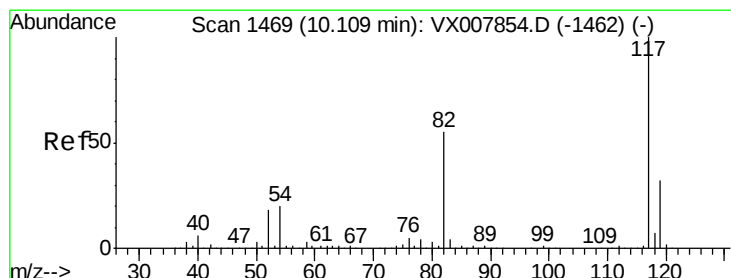
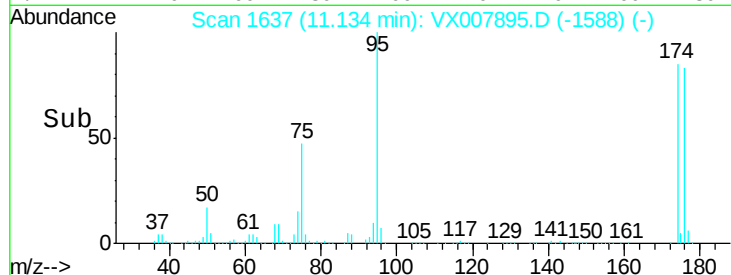
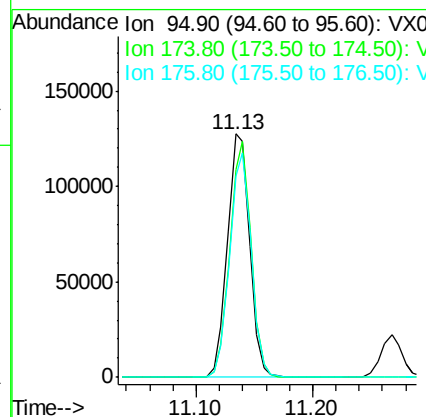
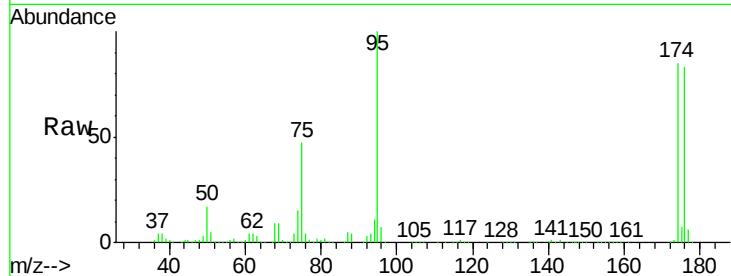
ClientSampleId :

SW-2MSD

Tot Ion:	95	Resp:	168149
Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	182.8
176	89.8	0.0	178.0

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

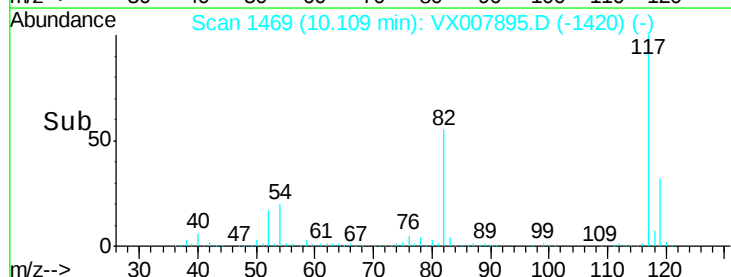
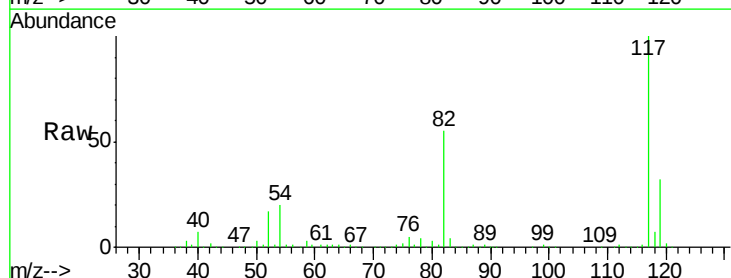
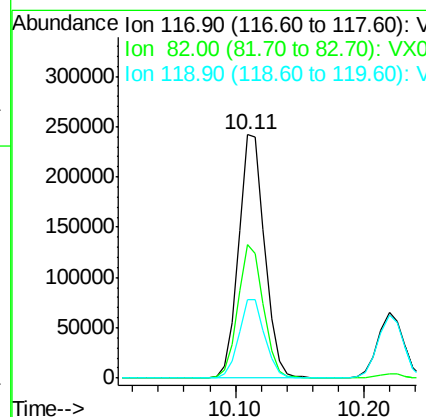
RT: 10.11 min Scan# 1469

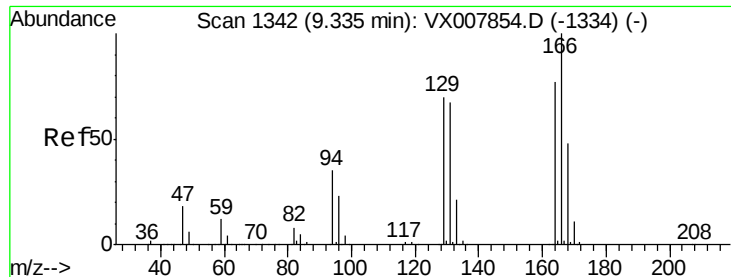
Delta R.T. 0.00 min

Lab File: VX007895.D

Acq: 07 Mar 2019 20:18

Tgt Ion:	117	Resp:	341107
Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.3	66.5
119	32.5	25.3	37.9





#64

Tetrachloroethene

Concen: 46.054 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007895.D

Acq: 07 Mar 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

SW-2MSD

Tot Ion:164 Resp: 130181

Ion Ratio Lower Upper

164 100

166 127.3 103.4 155.0

129 87.9 72.2 108.4

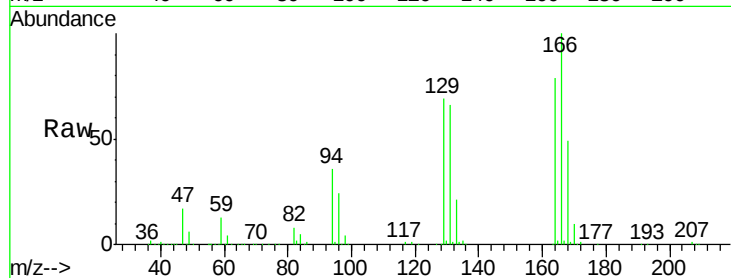
131 84.7 69.4 104.2

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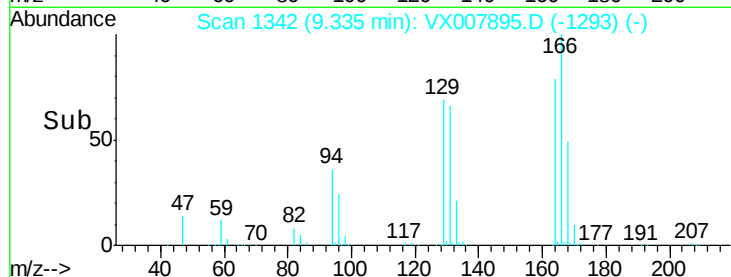


Abundance Ion 163.80 (163.50 to 164.50): V

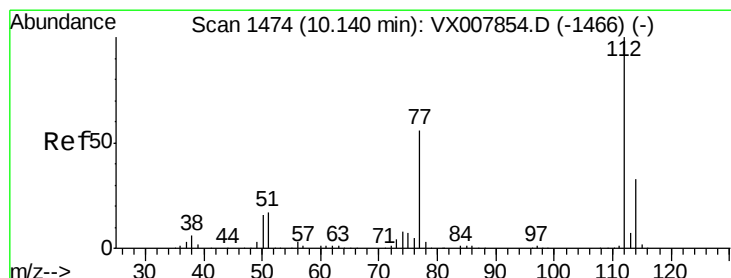
Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Time-->



#65

Chlorobenzene

Concen: 48.670 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007895.D

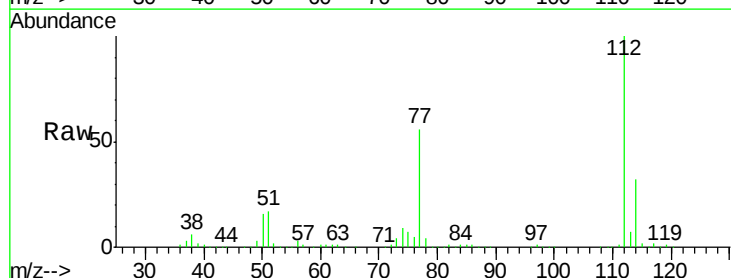
Acq: 07 Mar 2019 20:18

Tgt Ion:112 Resp: 347403

Ion Ratio Lower Upper

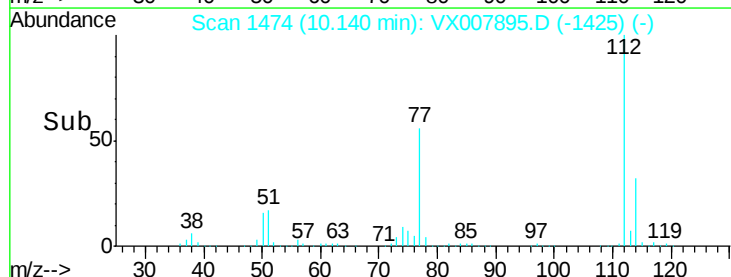
112 100

114 32.1 26.0 39.0

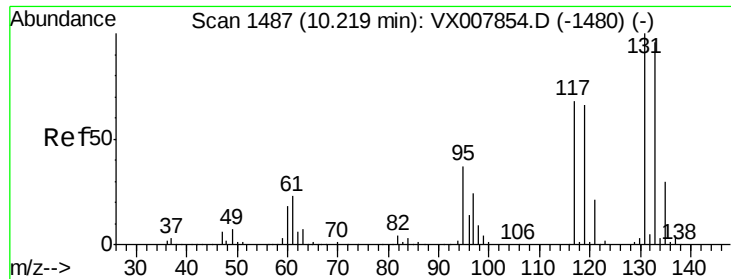


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 50.934 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007895.D

Acq: 07 Mar 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

SW-2MSD

Tot Ion:131 Resp: 130302

Ion Ratio Lower Upper

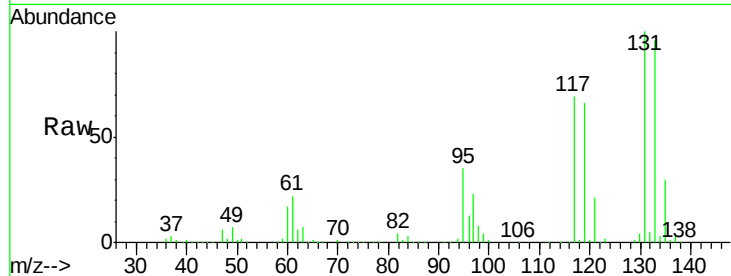
131 100

133 95.8 47.8 143.3

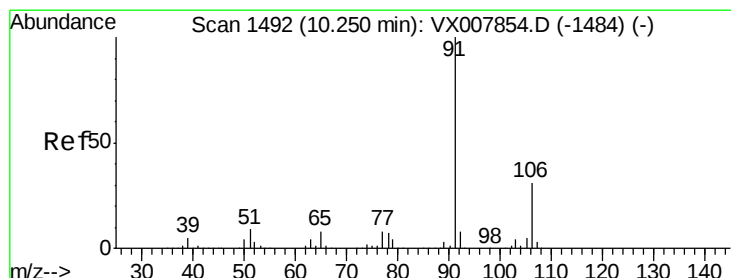
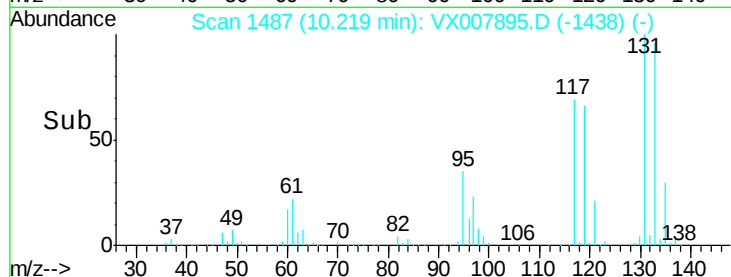
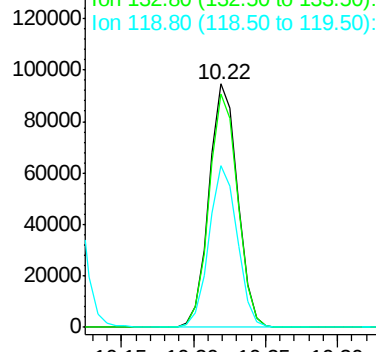
119 65.7 32.5 97.5

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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: 50.073 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007895.D

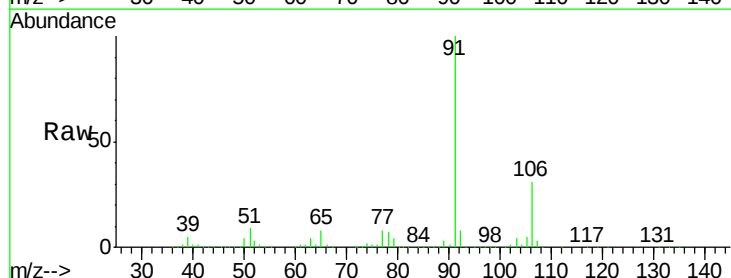
Acq: 07 Mar 2019 20:18

Tgt Ion: 91 Resp: 588340

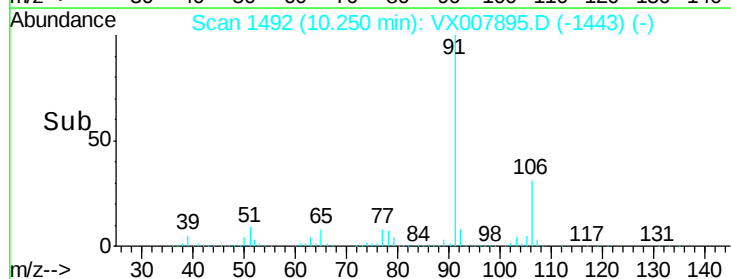
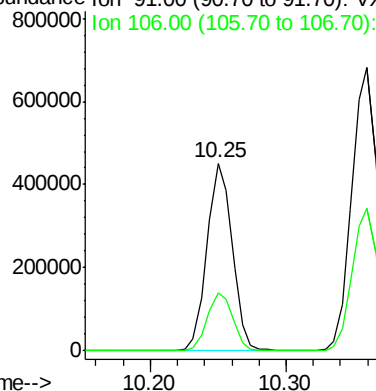
Ion Ratio Lower Upper

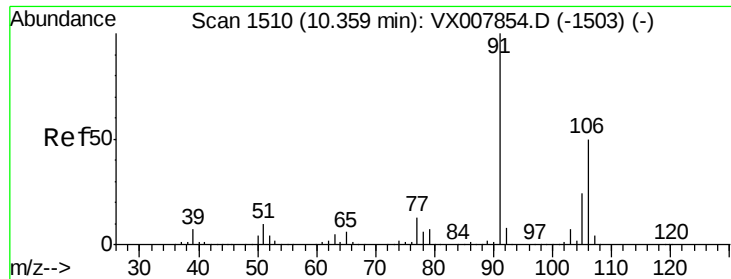
91 100

106 30.8 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





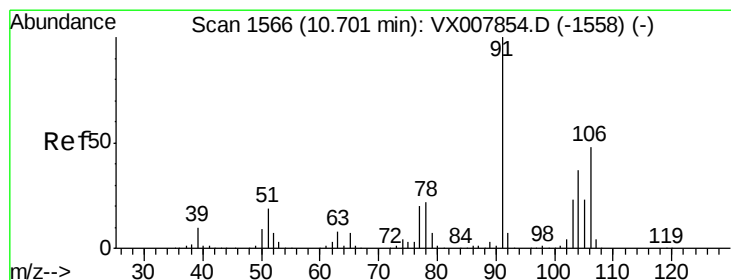
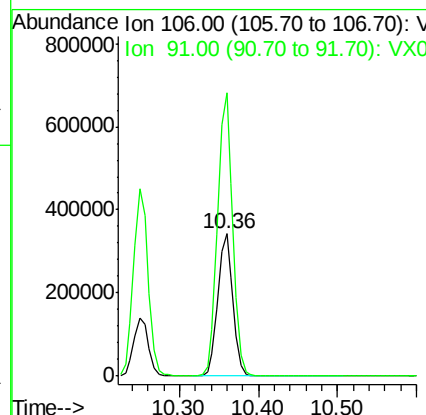
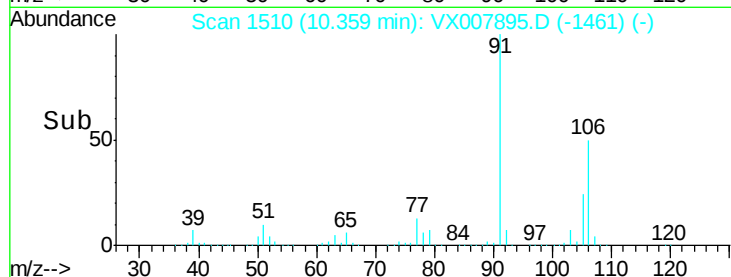
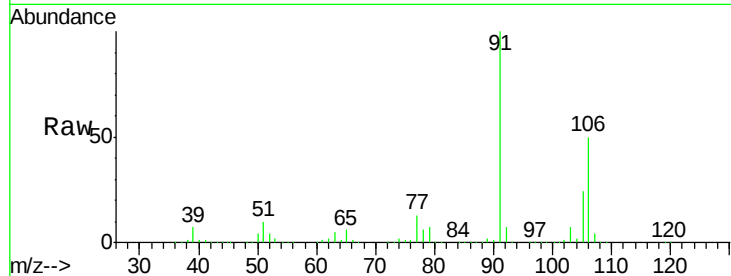
#68
m/p-Xylenes
Concen: 100.711 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Instrument :
MSVOA_X
ClientSampleId :
SW-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		456117		
91	200.2	159.8	239.6		

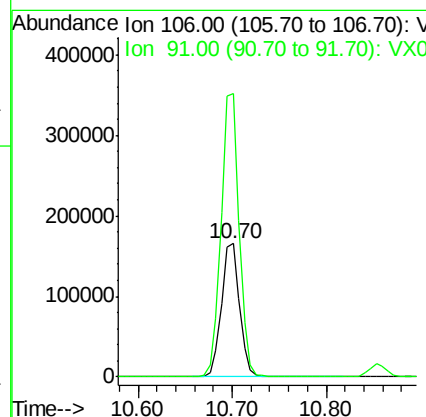
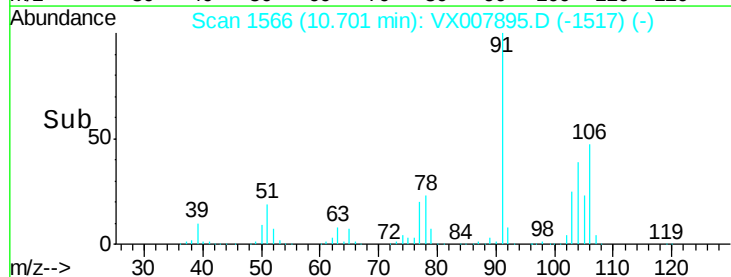
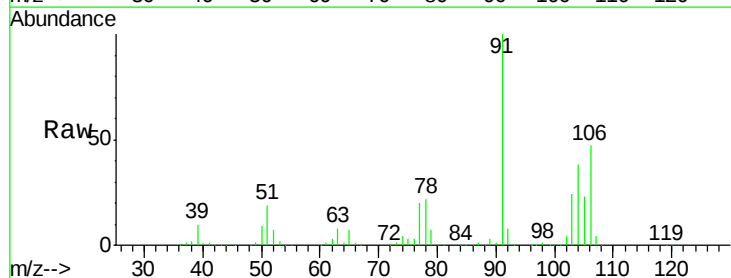
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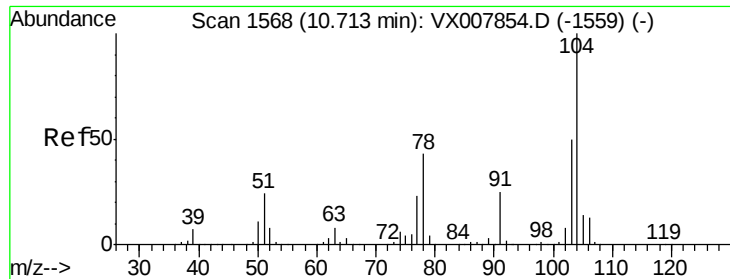
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3/8/2019 9:40:52 AM



#69
o-Xylene
Concen: 50.327 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		220053		
91	212.5	106.3	318.9		





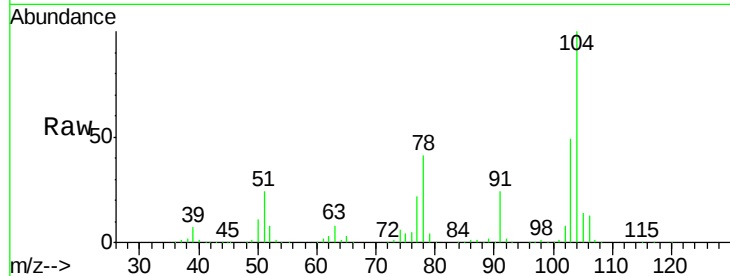
#70
Stvrene
Concen: 50.687 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Instrument :
MSVOA_X
ClientSampleId :
SW-2MSD

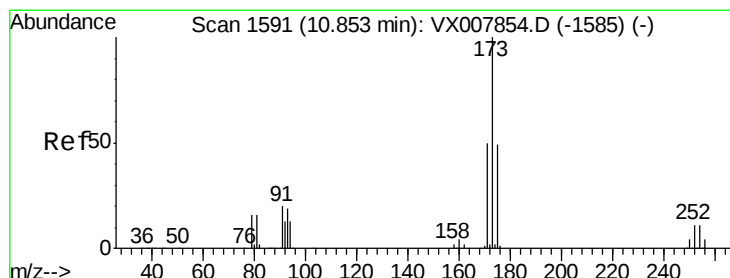
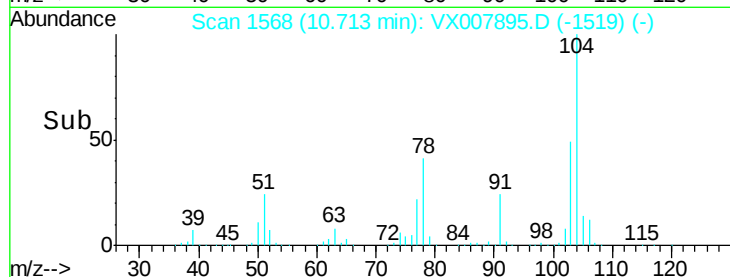
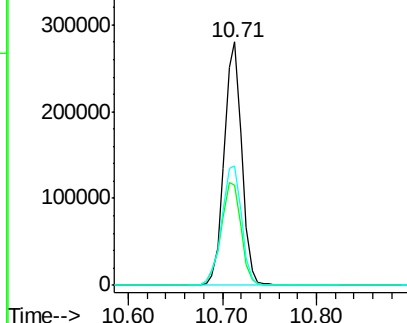
Tot Ion	Ratio	Lower	Upper
104	100		
78	48.1	38.5	57.7
103	55.5	44.1	66.1

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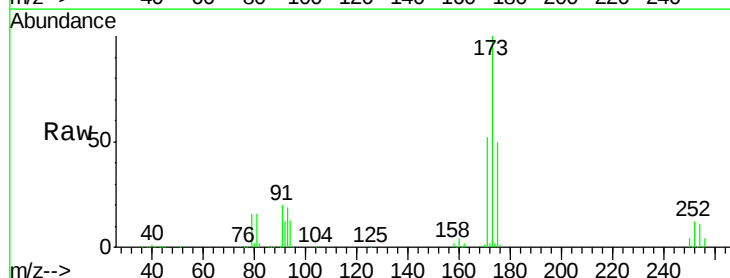


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

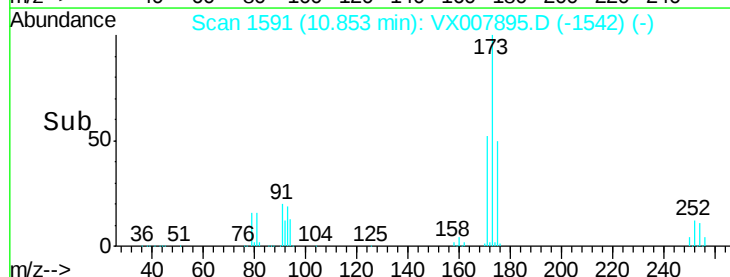
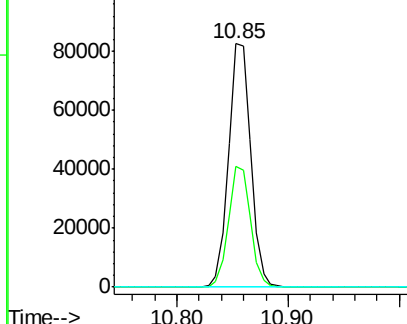


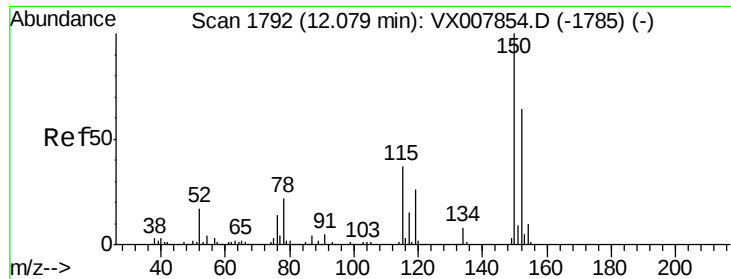
#71
Bromoform
Concen: 51.707 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.2	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

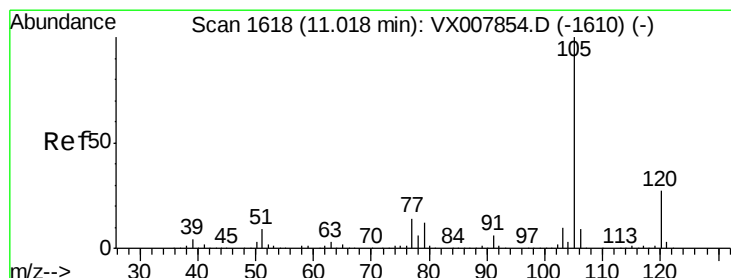
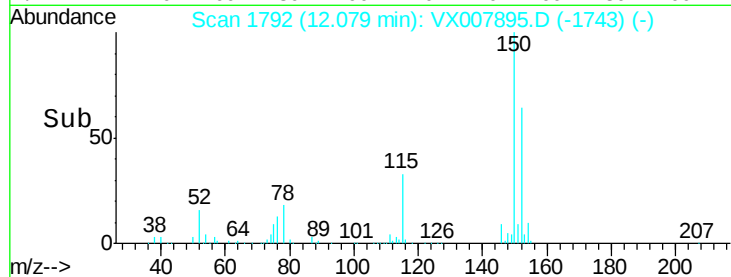
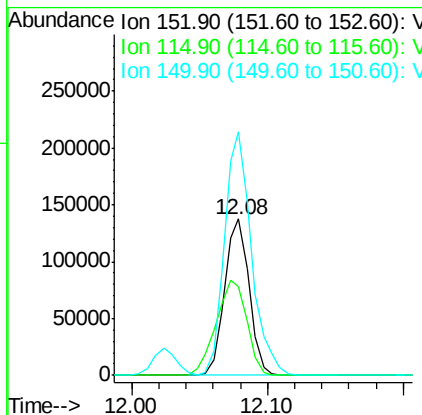
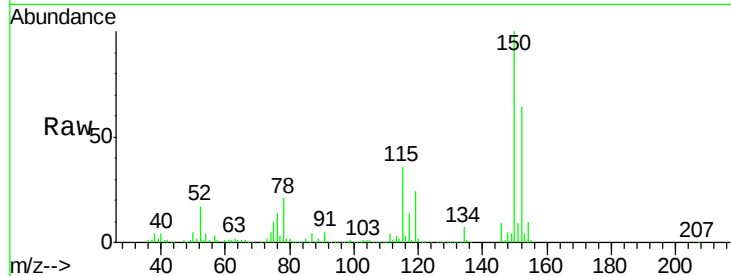
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Instrument :
MSVOA_X
ClientSampled :
SW-2MSD

Tot Ion	Ratio	Lower	Upper
152	100		
115	76.4	38.6	115.7
150	172.2	0.0	348.4

Manual Integrations
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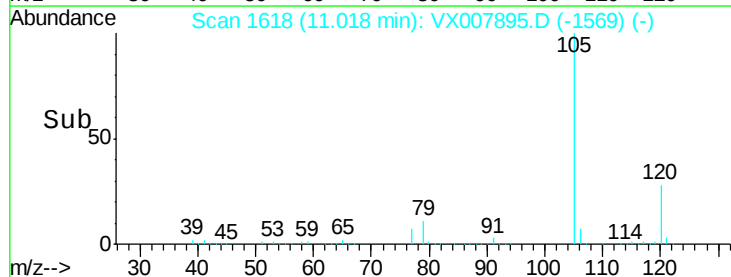
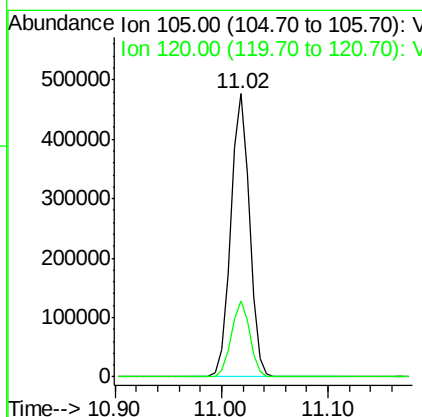
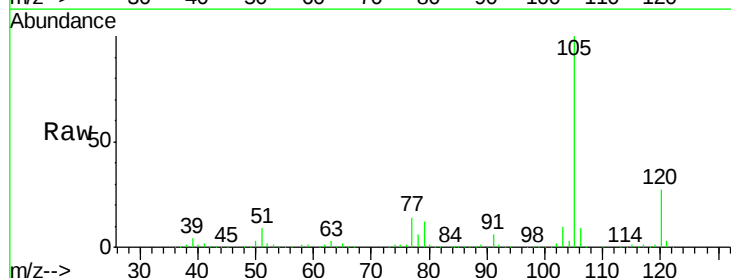
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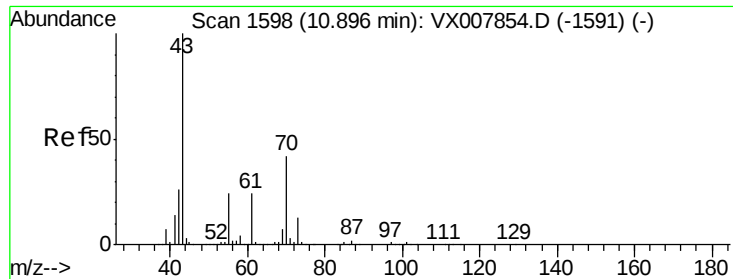


#73

Isopropylbenzene
Concen: 50.907 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.4	40.1





#74

N-amvl acetate

Concen: 45.640 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007895.D

Acq: 07 Mar 2019 20:18

Instrument :

MSVOA_X

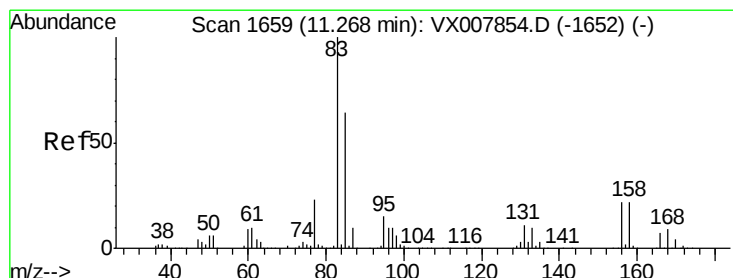
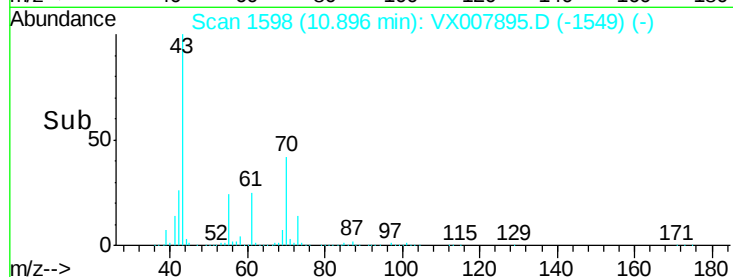
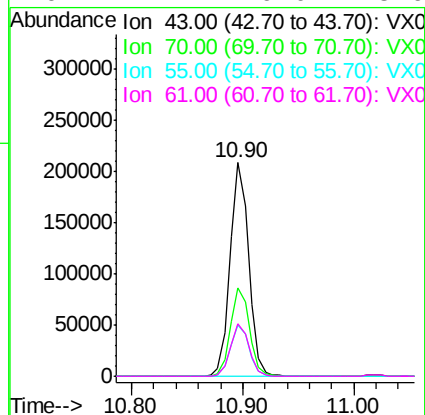
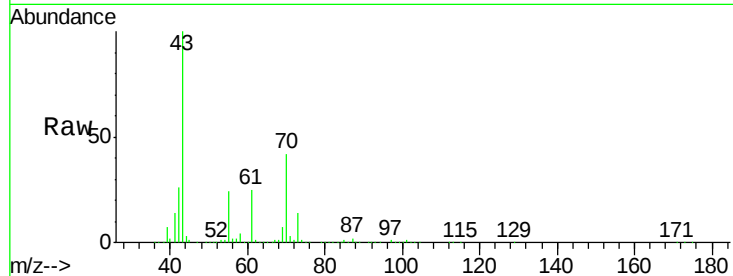
ClientSampleId :

SW-2MSD

Tot Ion:	43	Resp:	241000
Ion	Ratio	Lower	Upper
43	100		
70	42.2	33.5	50.3
55	24.5	19.2	28.8
61	24.4	19.0	28.6

Manual Integrations
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MMDadoda
3/8/2019 9:40:52 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 48.590 ug/l

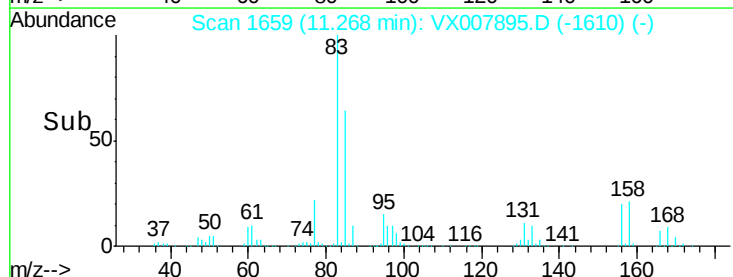
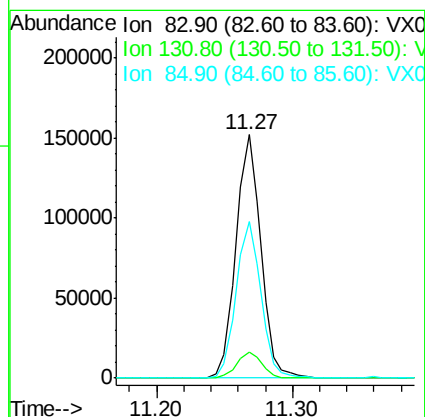
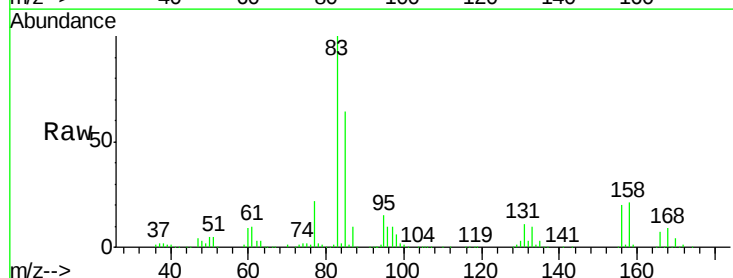
RT: 11.27 min Scan# 1659

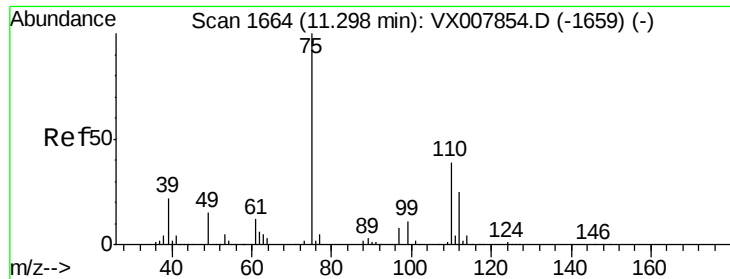
Delta R.T. 0.00 min

Lab File: VX007895.D

Acq: 07 Mar 2019 20:18

Tgt Ion:	83	Resp:	193863
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.4	16.2
85	64.4	32.3	96.8





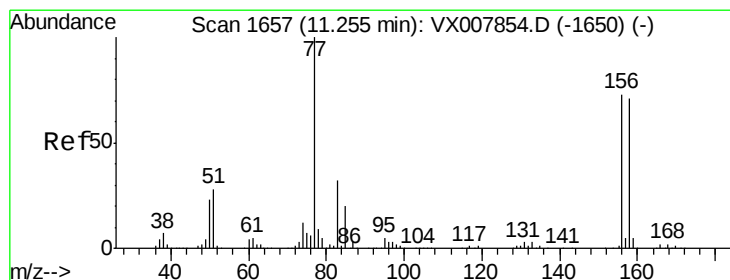
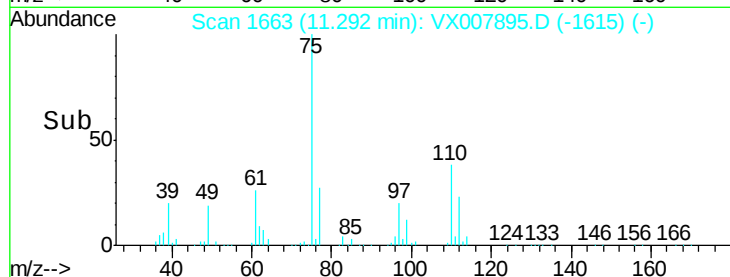
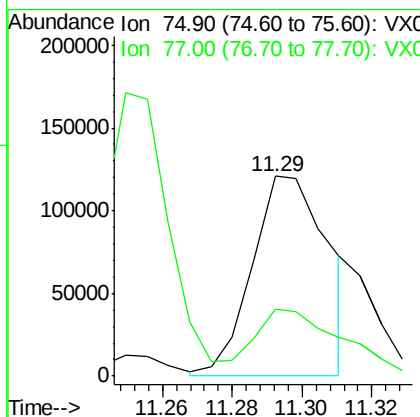
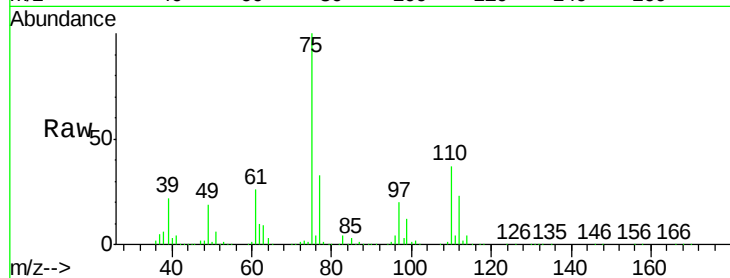
#76
 1,2,3-Trichloropropane
 Concen: 51.166 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: VX007895.D
 Acq: 07 Mar 2019 20:18

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-2MSD

Tot Ion: 75 Resp: 183624
 Ion Ratio Lower Upper
 75 100
 77 39.4 18.9 56.7

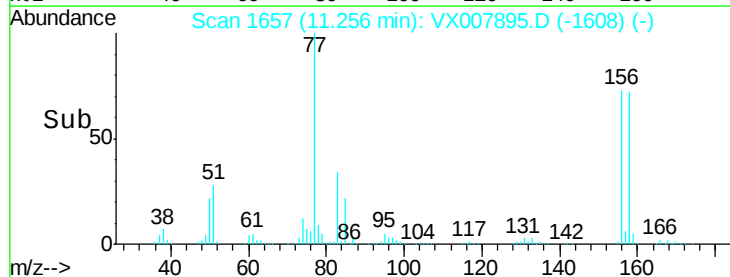
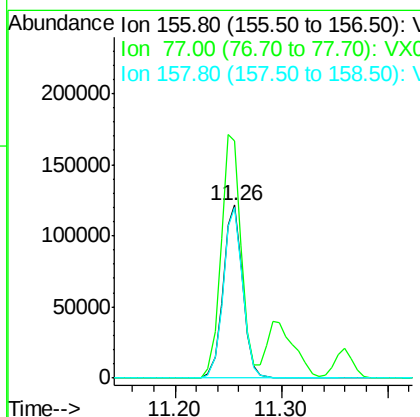
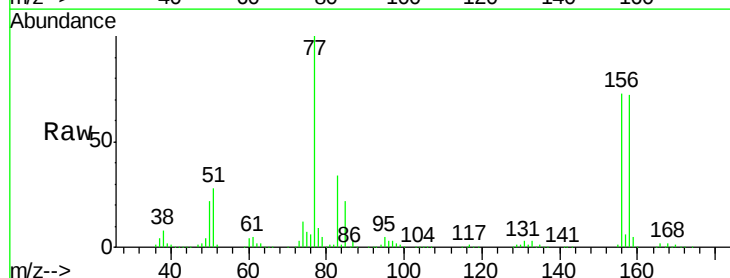
Manual Integrations
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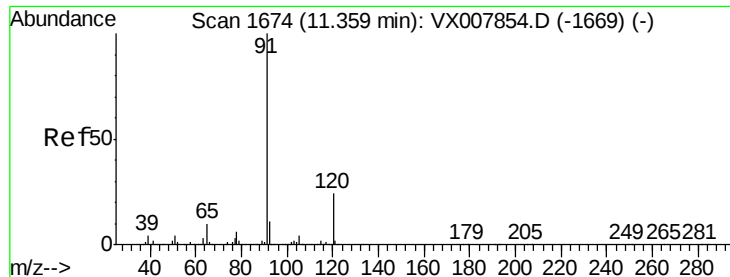
MMDadoda
 3/8/2019 9:40:52 AM



#77
 Bromobenzene
 Concen: 48.871 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX007895.D
 Acq: 07 Mar 2019 20:18

Tgt Ion: 156 Resp: 154977
 Ion Ratio Lower Upper
 156 100
 77 144.0 72.0 215.9
 158 98.1 48.6 145.9





#78

n-propylbenzene

Concen: 51.029 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007895.D

Acq: 07 Mar 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

SW-2MSD

Tot Ion: 91 Resp: 654801

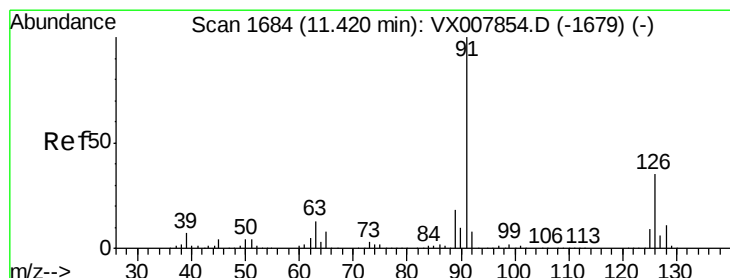
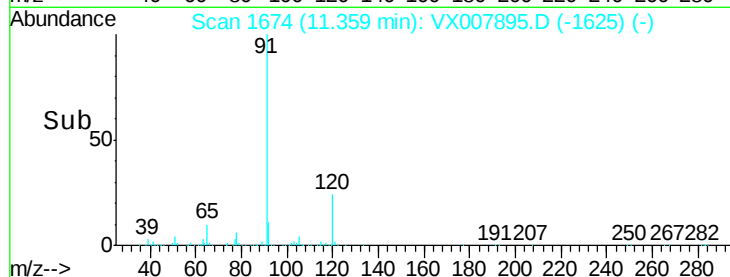
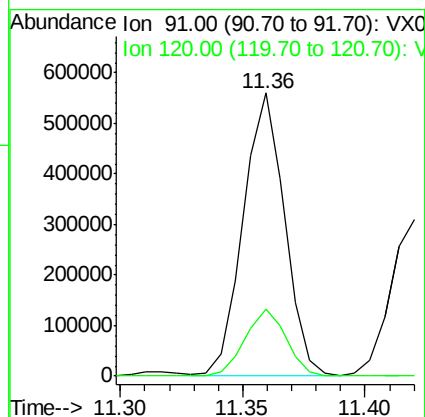
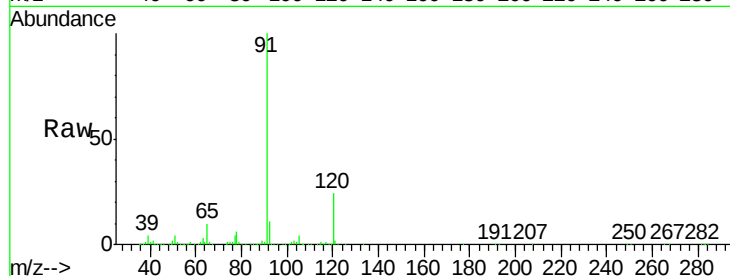
Ion Ratio Lower Upper

91 100

120 23.8 12.0 36.0

Manual Integrations
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MMDadoda
3/8/2019 9:40:52 AM



#79

2-Chlorotoluene

Concen: 49.392 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007895.D

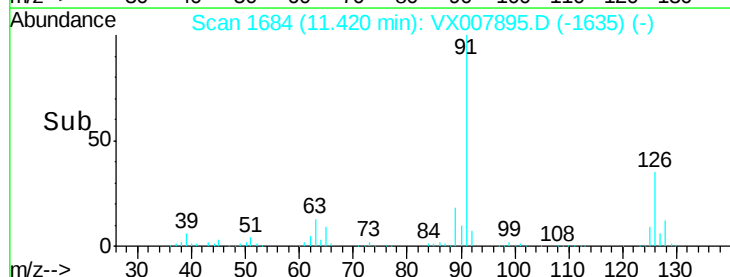
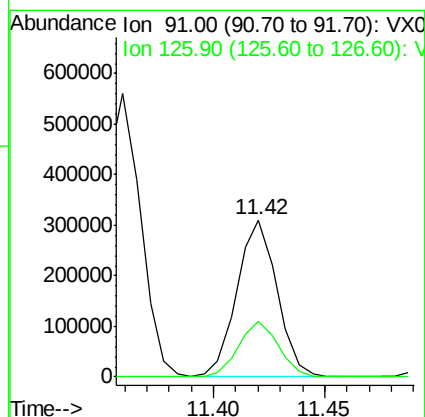
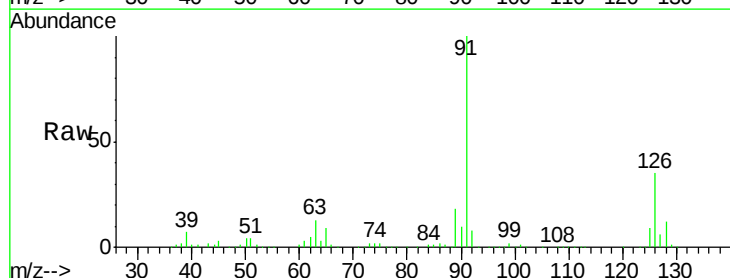
Acq: 07 Mar 2019 20:18

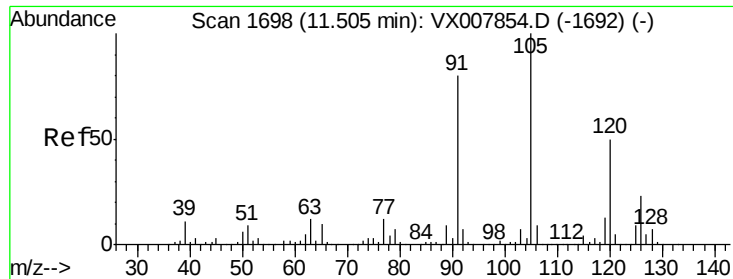
Tgt Ion: 91 Resp: 387510

Ion Ratio Lower Upper

91 100

126 35.2 17.5 52.6





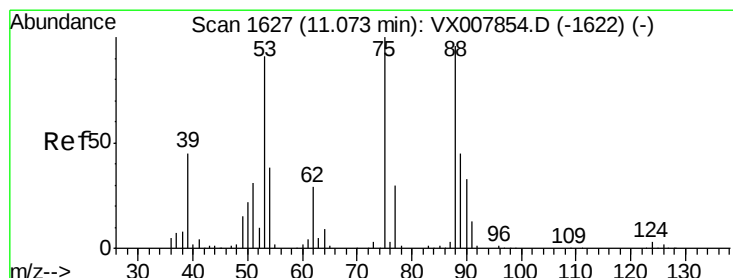
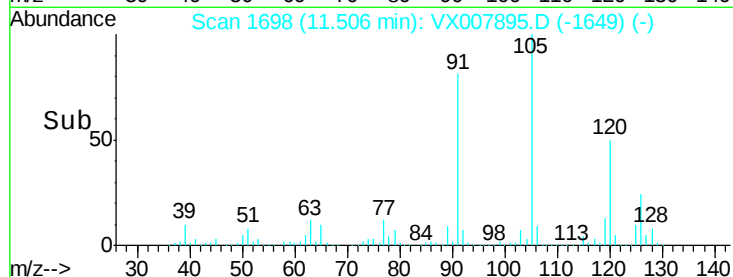
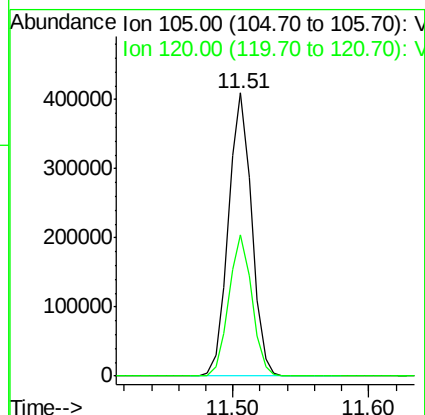
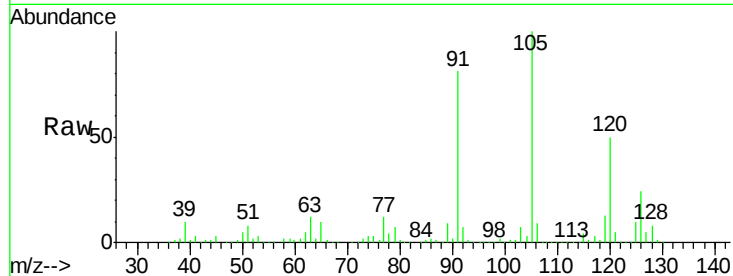
#80
 1,3,5-Trimethylbenzene
 Concen: 50.748 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007895.D
 Acq: 07 Mar 2019 20:18

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-2MSD

Tot Ion:105 Resp: 483120
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.9 74.6

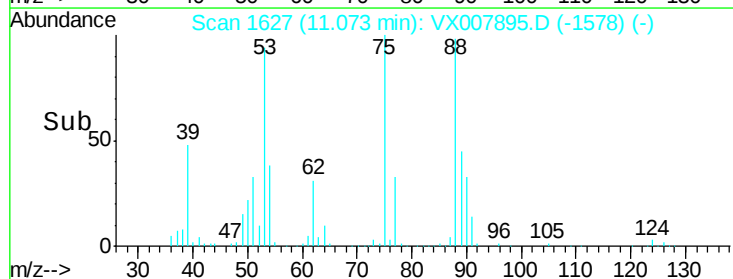
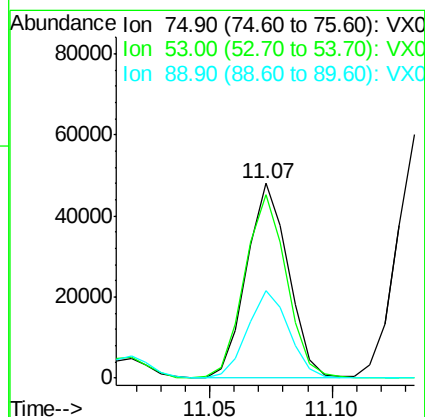
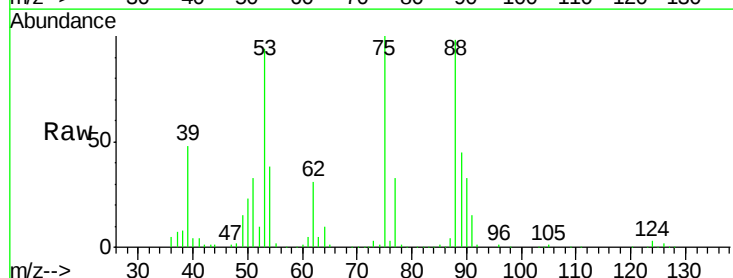
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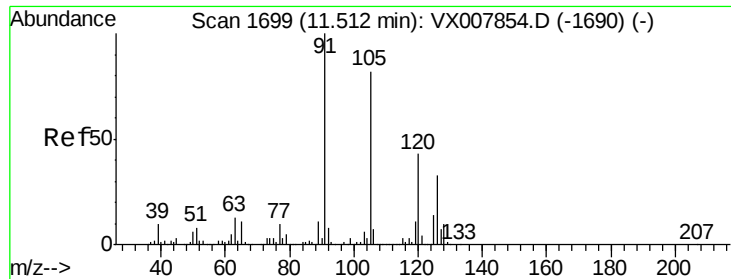
MMDadoda
 3/8/2019 9:40:52 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.636 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX007895.D
 Acq: 07 Mar 2019 20:18

Tgt Ion: 75 Resp: 56850
 Ion Ratio Lower Upper
 75 100
 53 94.4 76.1 114.1
 89 45.1 36.3 54.5





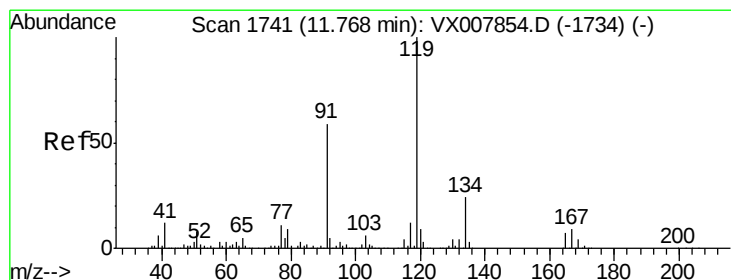
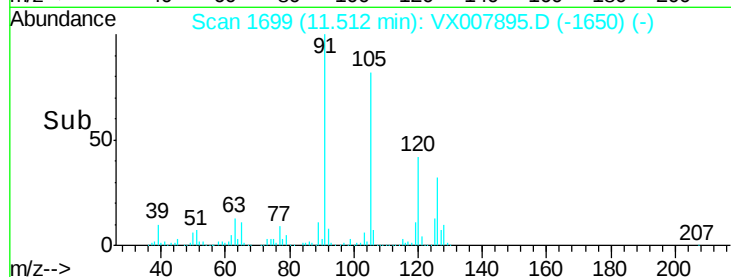
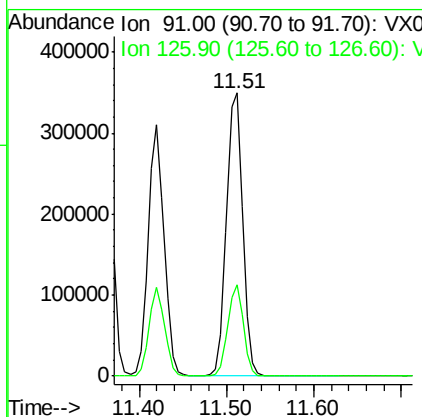
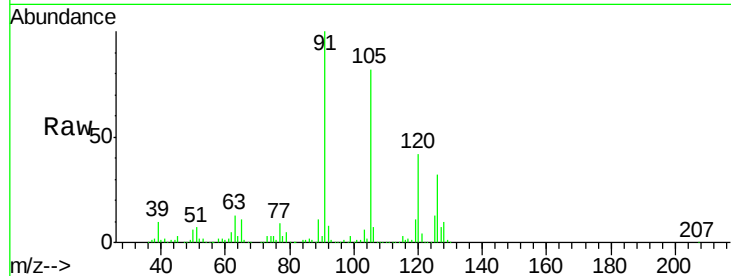
#82
4-Chlorotoluene
Concen: 49.949 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Instrument :
MSVOA_X
ClientSampleId :
SW-2MSD

Tot Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.6	46.8

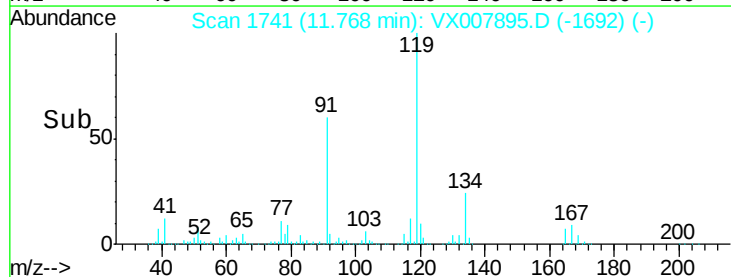
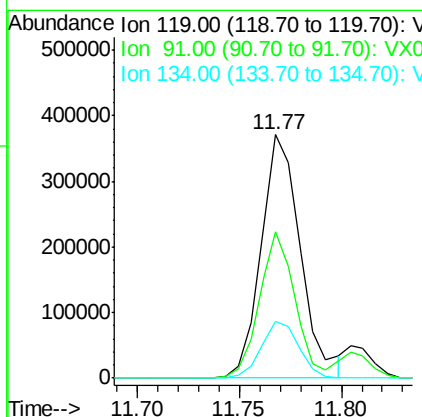
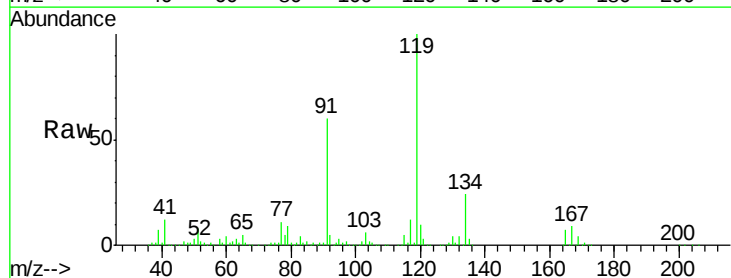
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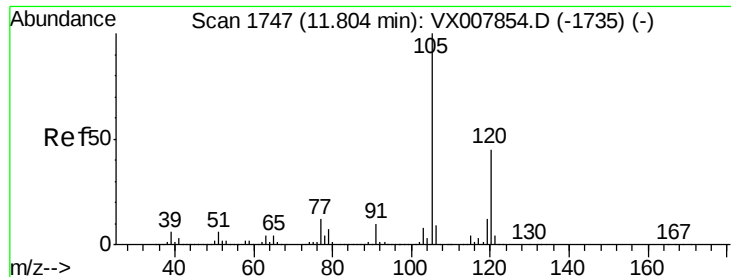
MMDadoda
3/8/2019 9:40:52 AM



#83
tert-Butylbenzene
Concen: 51.902 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion	Ratio	Lower	Upper
119	100		
91	54.1	27.1	81.3
134	22.4	11.4	34.1





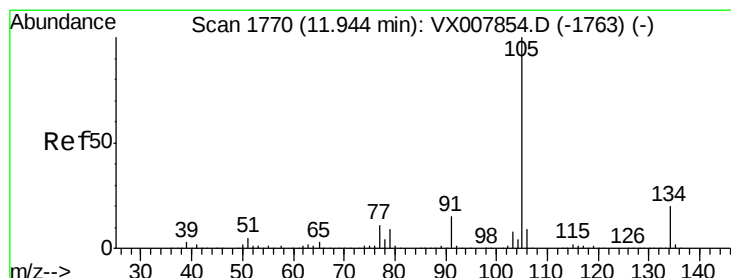
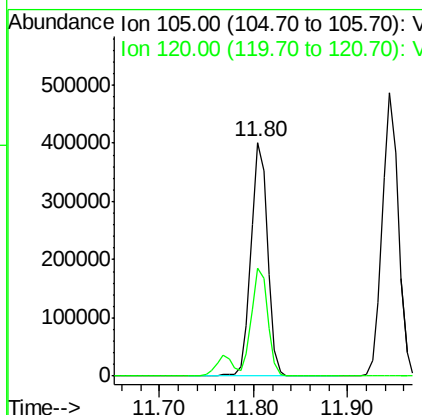
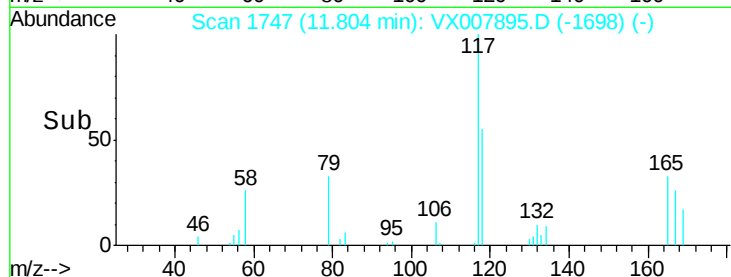
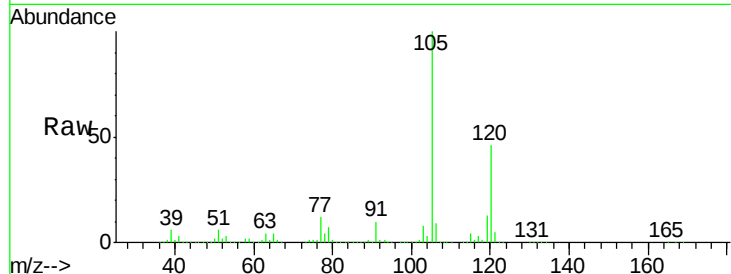
#84
 1,2,4-Trimethylbenzene
 Concen: 50.916 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007895.D
 Acq: 07 Mar 2019 20:18

Instrument :
 MSVOA_X
 ClientSampled :
 SW-2MSD

Tot Ion:105 Resp: 496893
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.6 67.7

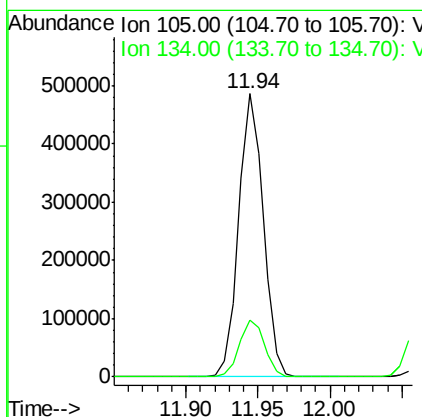
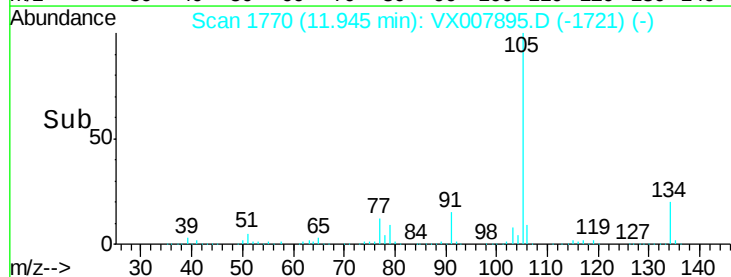
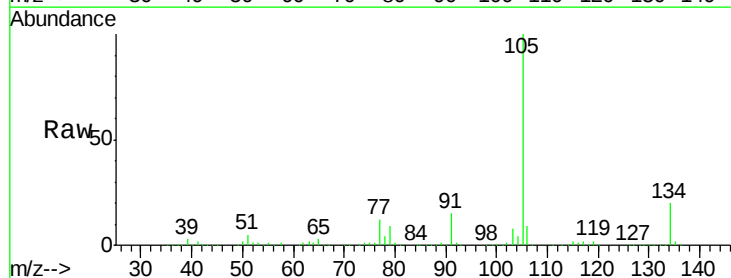
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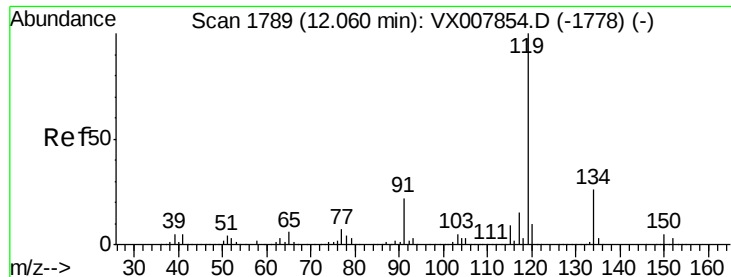
MMDadoda
 3/8/2019 9:40:52 AM



#85
 sec-Butylbenzene
 Concen: 51.422 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX007895.D
 Acq: 07 Mar 2019 20:18

Tgt Ion:105 Resp: 580758
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.2





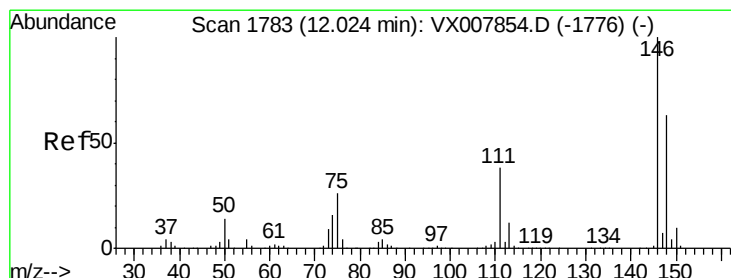
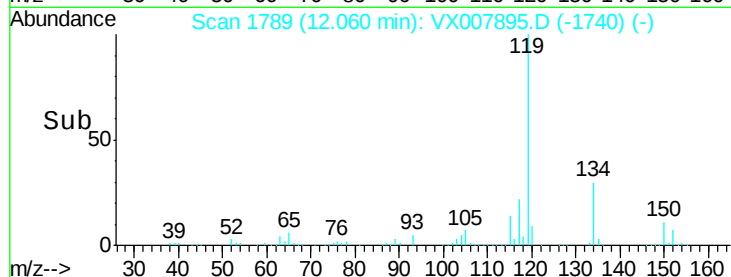
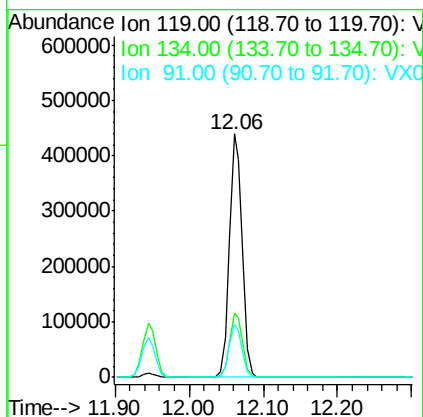
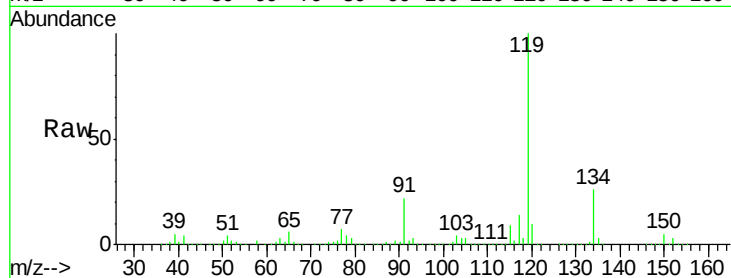
#86
p-Isopropyltoluene
Concen: 51.594 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Instrument :
MSVOA_X
ClientSampled :
SW-2MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.3	39.9
91	22.0	10.9	32.7

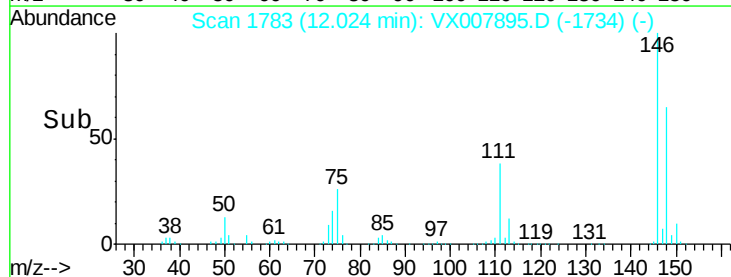
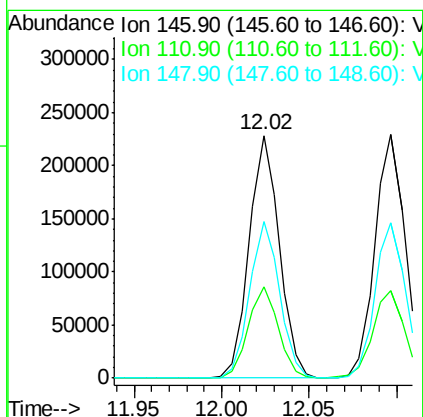
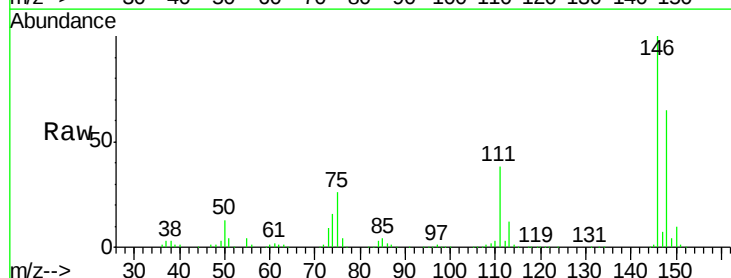
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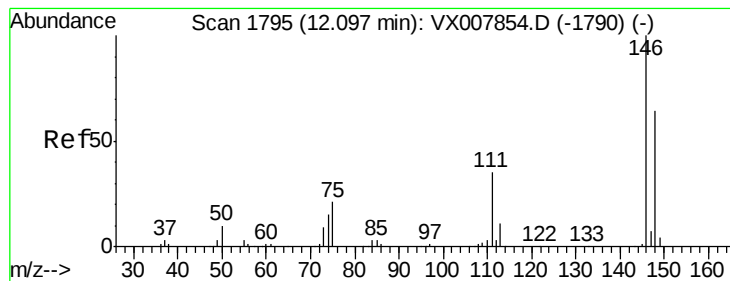
MMDadoda
3/8/2019 9:40:52 AM



#87
1,3-Dichlorobenzene
Concen: 48.832 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.7
148	64.2	31.7	95.1





#88

1,4-Dichlorobenzene

Concen: 47.979 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX007895.D

Acq: 07 Mar 2019 20:18

Instrument :

MSVOA_X

ClientSampled :

SW-2MSD

Tot Ion: 146 Resp: 275658

Ion Ratio Lower Upper

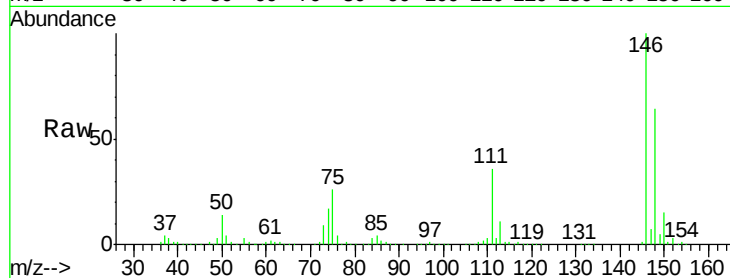
146 100

111 36.9 18.4 55.0

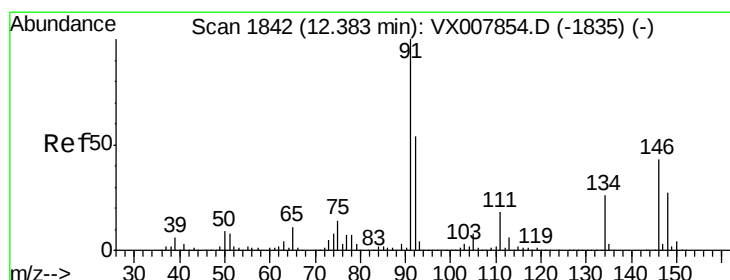
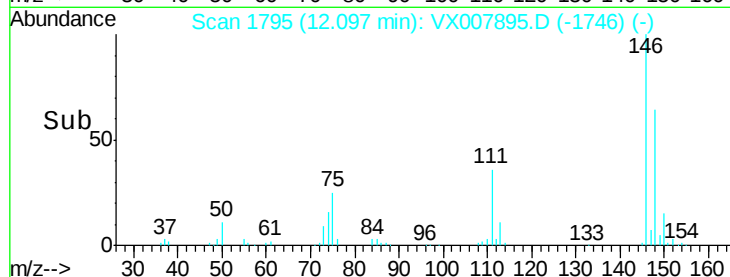
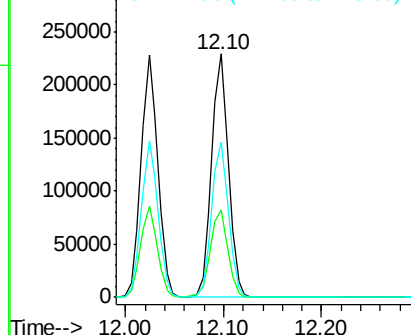
148 64.0 32.2 96.6

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



#89

n-Butylbenzene

Concen: 50.999 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX007895.D

Acq: 07 Mar 2019 20:18

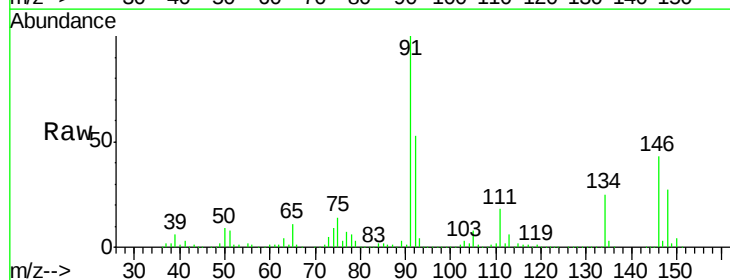
Tgt Ion: 91 Resp: 437022

Ion Ratio Lower Upper

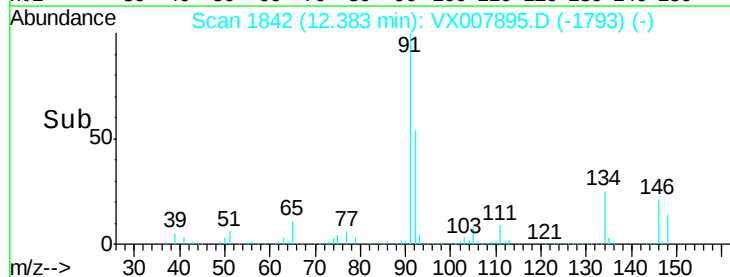
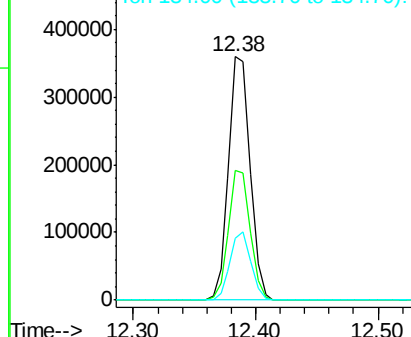
91 100

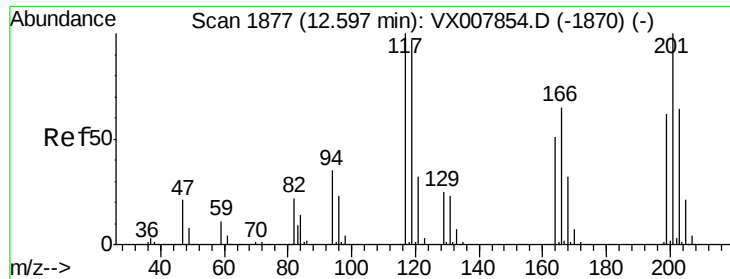
92 53.4 27.0 80.8

134 27.3 13.7 41.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V





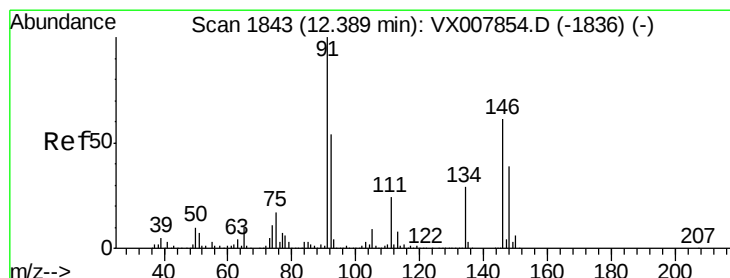
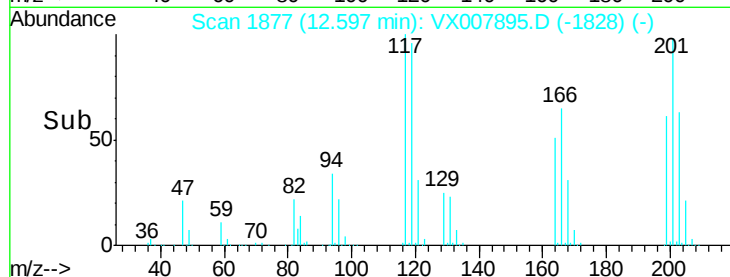
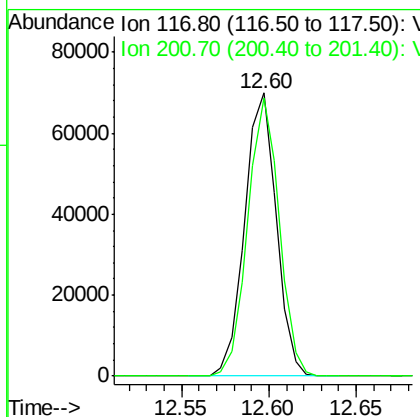
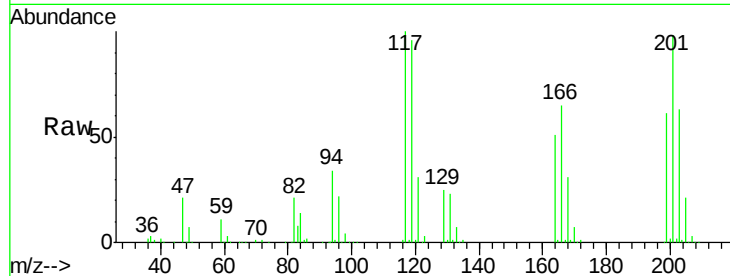
#90
Hexachloroethane
Concen: 52.083 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Instrument :
MSVOA_X
ClientSampleId :
SW-2MSD

Tot Ion:117 Resp: 88078
Ion Ratio Lower Upper
117 100
201 97.7 48.9 146.7

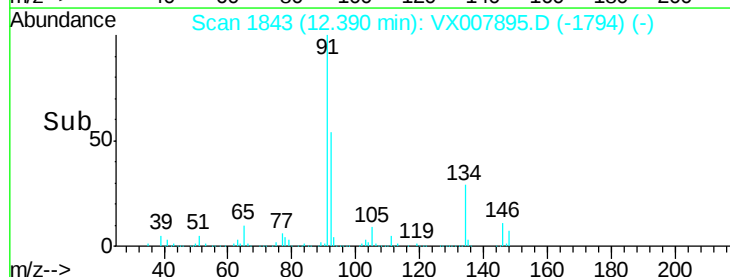
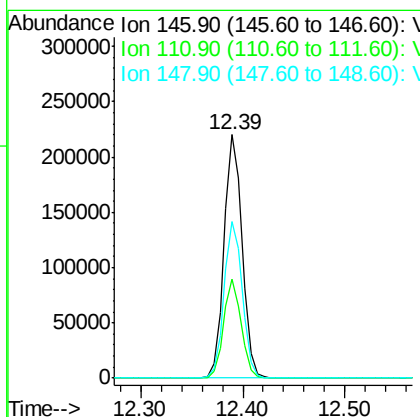
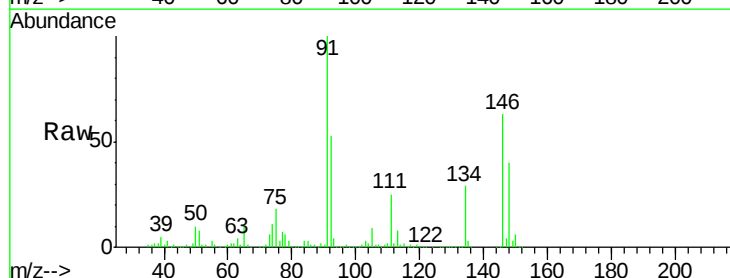
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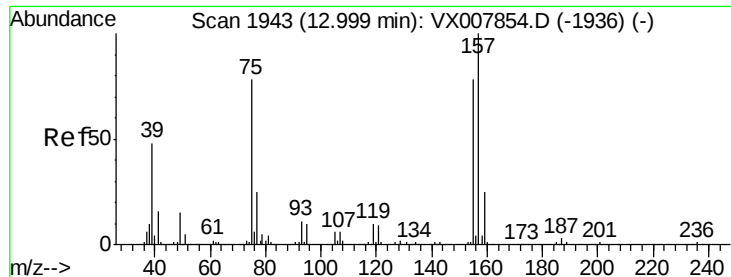
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3/8/2019 9:40:52 AM



#91
1,2-Dichlorobenzene
Concen: 48.571 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion:146 Resp: 270703
Ion Ratio Lower Upper
146 100
111 39.6 19.6 58.8
148 64.7 31.9 95.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 49.468 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007895.D

Acq: 07 Mar 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

SW-2MSD

Tot Ion: 75 Resp: 41248

Ion Ratio Lower Upper

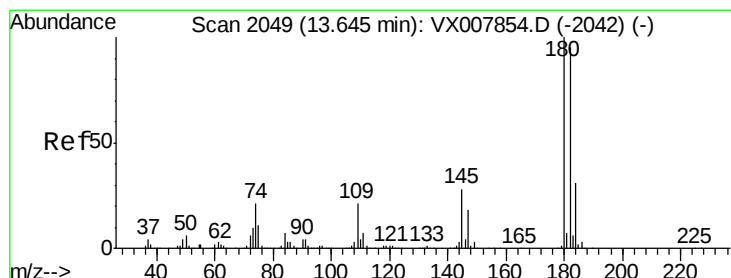
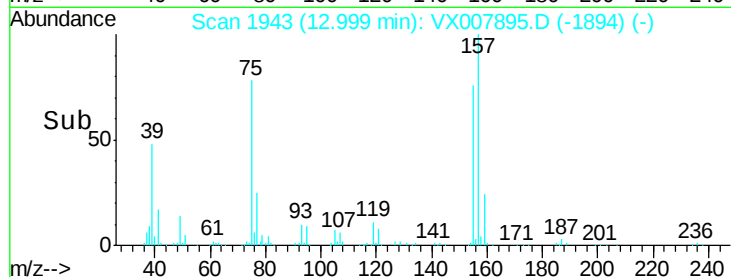
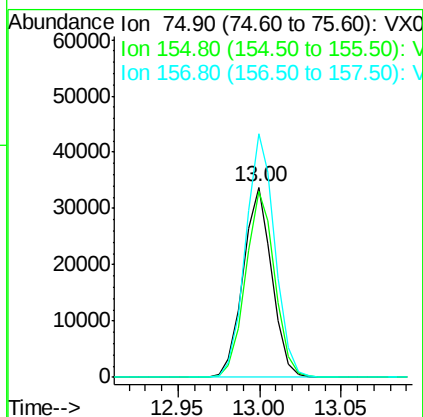
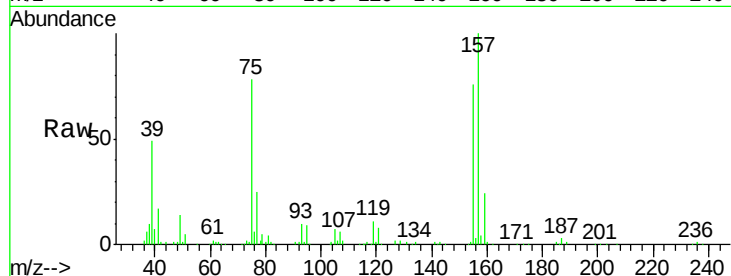
75 100

155 100.1 49.7 149.1

157 130.8 63.8 191.4

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#93

1,2,4-Trichlorobenzene

Concen: 49.027 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX007895.D

Acq: 07 Mar 2019 20:18

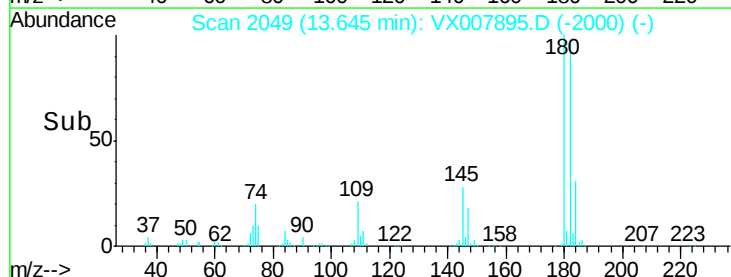
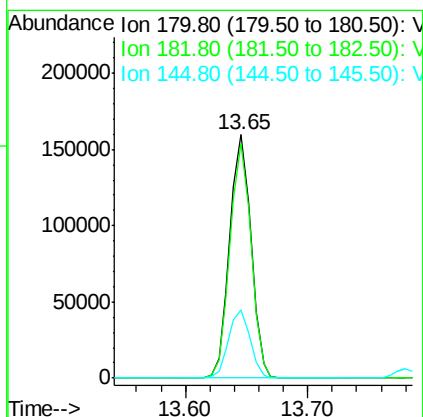
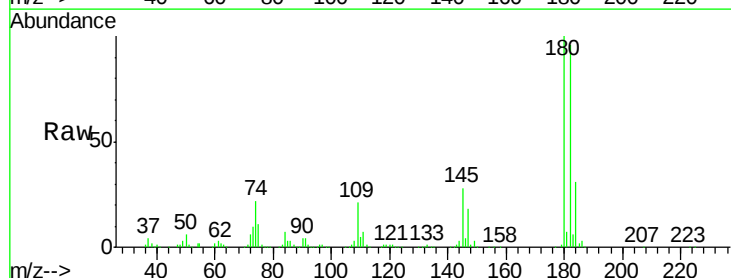
Tgt Ion: 180 Resp: 191953

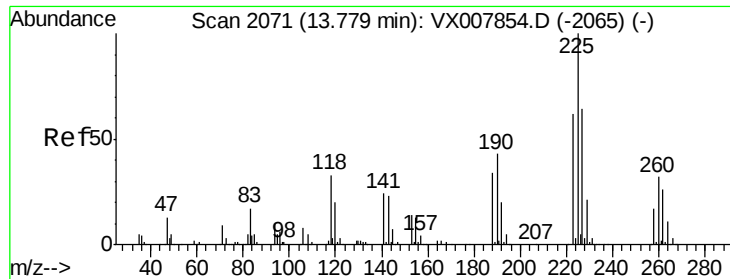
Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.7

145 28.4 14.1 42.4





#94

Hexachlorobutadiene

Concen: 49.125 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX007895.D

Acq: 07 Mar 2019 20:18

Instrument :

MSVOA_X

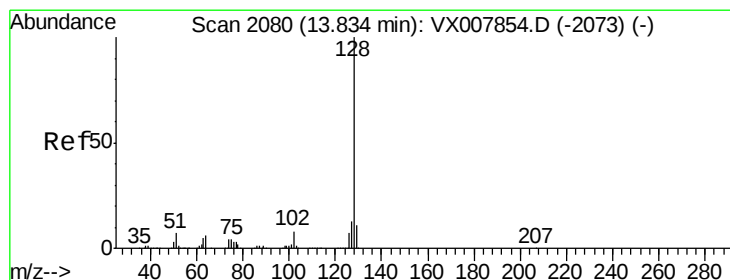
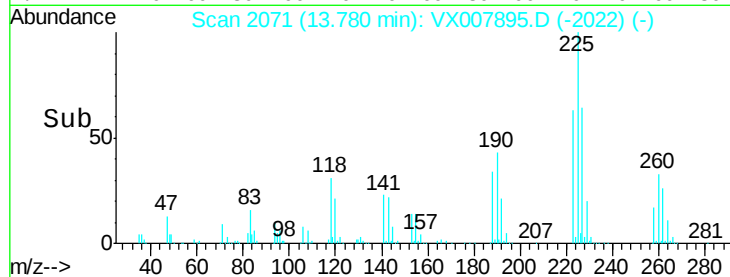
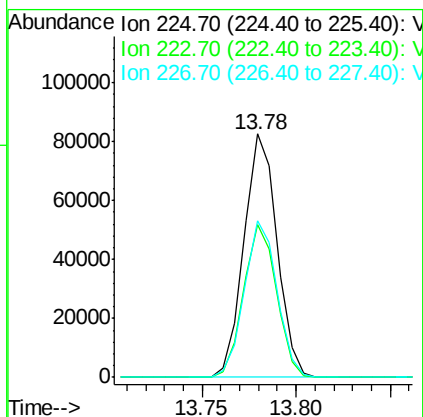
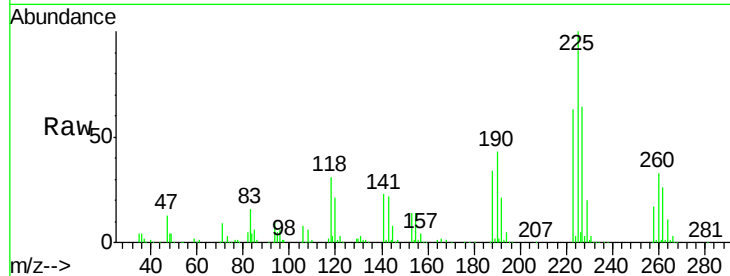
ClientSampled :

SW-2MSD

Tot Ion:	225	Resp:	100559
Ion Ratio		Lower	Upper
225	100		
223	62.6	31.1	93.2
227	63.7	32.0	96.0

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#95

Naphthalene

Concen: 50.720 ug/l

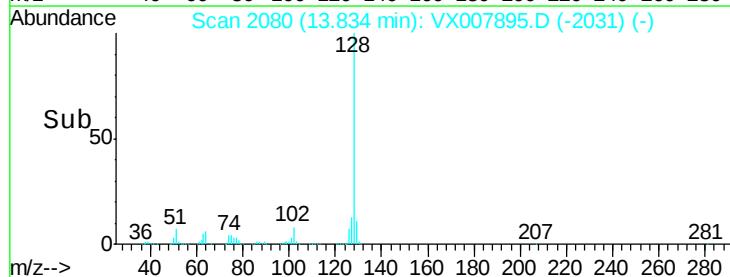
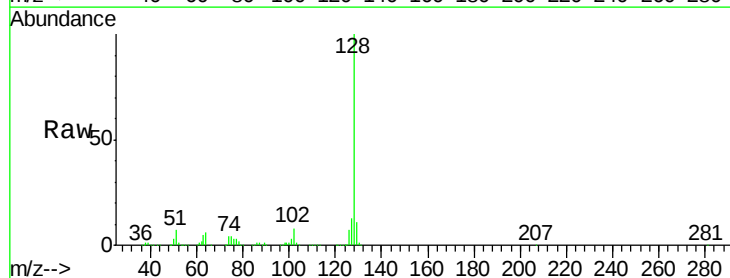
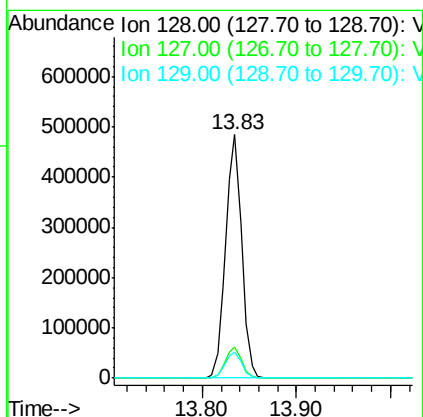
RT: 13.83 min Scan# 2080

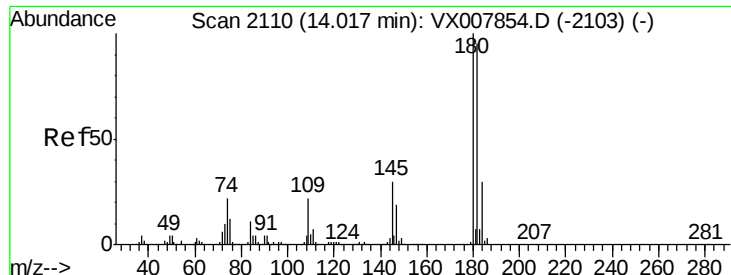
Delta R.T. 0.00 min

Lab File: VX007895.D

Acq: 07 Mar 2019 20:18

Tgt Ion:	128	Resp:	572177
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.0	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 49.415 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX007895.D
 Acq: 07 Mar 2019 20:18

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-2MSD

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	95.2	47.5	142.5
145	30.1	14.8	44.3

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