

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021220\
 Data File : VX014932.D
 Acq On : 12 Feb 2020 17:39
 Operator : JC/SP
 Sample : L1495-08MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW772-200211MSD

Manual Integrations
 APPROVED

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 2/13/2020 11:14:49 AM

Quant Time: Feb 13 04:54:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	422491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	644178	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	607724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	334021	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	238066	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
35) Dibromofluoromethane	5.49	113	196953	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
50) Toluene-d8	8.71	98	754820	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
62) 4-Bromofluorobenzene	11.13	95	275779	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	207965	51.977	ug/l	100
3) Chloromethane	1.32	50	231051	50.935	ug/l	100
4) Vinyl Chloride	1.40	62	247909	50.732	ug/l	97
5) Bromomethane	1.63	94	163632	51.733	ug/l	95
6) Chloroethane	1.72	64	156014	49.897	ug/l	99
7) Trichlorofluoromethane	1.92	101	344964	50.527	ug/l	96
8) Diethyl Ether	2.18	74	139680	49.336	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	195625	49.362	ug/l	98
10) Methyl Iodide	2.50	142	237916	53.515	ug/l	98
11) Tert butyl alcohol	3.03	59	219367	260.568	ug/l	100
12) 1,1-Dichloroethene	2.37	96	194570	50.243	ug/l	98
13) Acrolein	2.28	56	106133	165.406	ug/l	99
14) Allyl chloride	2.72	41	339866	49.501	ug/l	99
15) Acrylonitrile	3.13	53	557537	261.235	ug/l	99
16) Acetone	2.43	43	462403	177.358	ug/l	99
17) Carbon Disulfide	2.56	76	540132	49.920	ug/l	100
18) Methyl Acetate	2.76	43	246377	51.305	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	648775	51.477	ug/l	100
20) Methylene Chloride	2.85	84	219760	47.911	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	213539	49.974	ug/l	100
22) Diisopropyl ether	3.84	45	680339	51.882	ug/l	92
23) Vinyl Acetate	3.80	43	2345736	216.998	ug/l	99
24) 1,1-Dichloroethane	3.69	63	376372	50.855	ug/l	99
25) 2-Butanone	4.65	43	754914	232.557	ug/l	98
26) 2,2-Dichloropropane	4.58	77	294006	46.097	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	250161	52.373	ug/l	98
28) Bromochloromethane	5.00	49	153349	53.457	ug/l	100
29) Tetrahydrofuran	5.11	42	494736	268.103	ug/l	100
30) Chloroform	5.20	83	384931	52.423	ug/l	95
31) Cyclohexane	5.57	56	337283	50.036	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	321237	50.013	ug/l	99
36) 1,1-Dichloropropene	5.79	75	288781	50.115	ug/l	99
37) Ethyl Acetate	4.82	43	301285	50.130	ug/l	100
38) Carbon Tetrachloride	5.78	117	278577	49.608	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	345993	48.010	ug/l	100
40) Benzene	6.14	78	857185	49.787	ug/l	98
41) Methacrylonitrile	5.03	41	172329	53.225	ug/l	99
42) 1,2-Dichloroethane	6.19	62	307900	49.480	ug/l	100
43) Isopropyl Acetate	6.44	43	505098	50.946	ug/l	100
44) Trichloroethene	7.21	130	265622	53.145	ug/l	98
45) 1,2-Dichloropropane	7.51	63	221165	50.369	ug/l	99
46) Dibromomethane	7.65	93	149568	49.833	ug/l	99
47) Bromodichloromethane	7.89	83	295921	49.725	ug/l	99
48) Methyl methacrylate	7.76	41	252810	51.814	ug/l	99
49) 1,4-Dioxane	7.73	88	97174	1065.205	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	1561631	260.858	ug/l	100
52) Toluene	8.78	92	545623	49.896	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	330792	50.719	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	355133	49.290	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	221825	50.139	ug/l	98
56) Ethyl methacrylate	9.17	69	352637	53.029	ug/l	99
57) 1,3-Dichloropropane	9.37	76	375127	50.371	ug/l	99
59) 2-Hexanone	9.48	43	1183427	251.500	ug/l	99
60) Dibromochloromethane	9.57	129	244154	51.281	ug/l	99
61) 1,2-Dibromoethane	9.67	107	237407	49.734	ug/l	98
64) Tetrachloroethene	9.33	164	241683	42.535	ug/l	98
65) Chlorobenzene	10.14	112	597288	48.457	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	224064	50.070	ug/l	100
67) Ethyl Benzene	10.25	91	1054263	50.291	ug/l	100
68) m/p-Xylenes	10.36	106	808361	100.098	ug/l	99
69) o-Xylene	10.70	106	385012	49.596	ug/l	99
70) Styrene	10.71	104	389345	29.647	ug/l	93
71) Bromoform	10.85	173	190025	50.873	ug/l #	99
73) Isopropylbenzene	11.01	105	1041393	49.716	ug/l	100
74) N-amyl acetate	10.89	43	444077	51.023	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	336775	49.183	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	278921m	46.178	ug/l	
77) Bromobenzene	11.25	156	277176	47.409	ug/l	99
78) n-propylbenzene	11.35	91	1179993	48.706	ug/l	100
79) 2-Chlorotoluene	11.42	91	689278	48.394	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	872094	49.828	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	111587	47.288	ug/l	98
82) 4-Chlorotoluene	11.51	91	813744	48.245	ug/l	100
83) tert-Butylbenzene	11.76	119	840537	50.714	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	883691	50.101	ug/l	100
85) sec-Butylbenzene	11.94	105	1012558	49.178	ug/l	100
86) p-Isopropyltoluene	12.06	119	943738	48.981	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	499504	47.624	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	496576	46.362	ug/l	99
89) n-Butylbenzene	12.39	91	835671	48.428	ug/l	100
90) Hexachloroethane	12.59	117	165656	49.233	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	495101	48.135	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	75425	46.952	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	366087	48.220	ug/l	97

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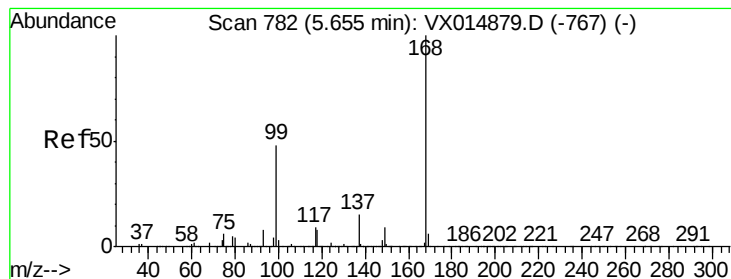
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	176015	47.933	ug/l	98
95) Naphthalene	13.83	128	1057890	52.408	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	360248	49.114	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

SS052MW772-200211MSD

Tot Ion:168 Resp: 422491

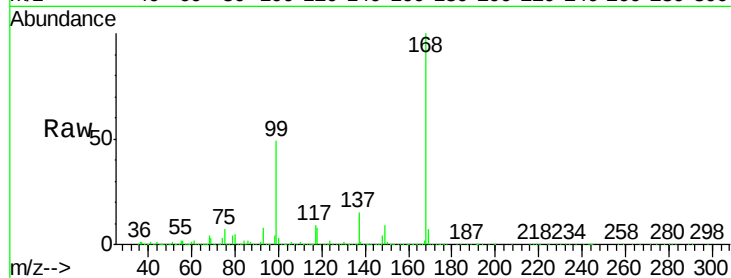
Ion Ratio Lower Upper

168 100

99 48.8 38.7 58.1

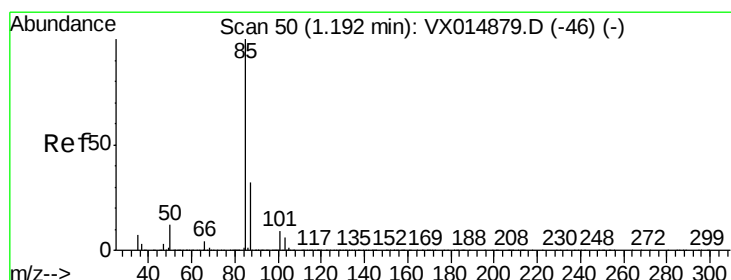
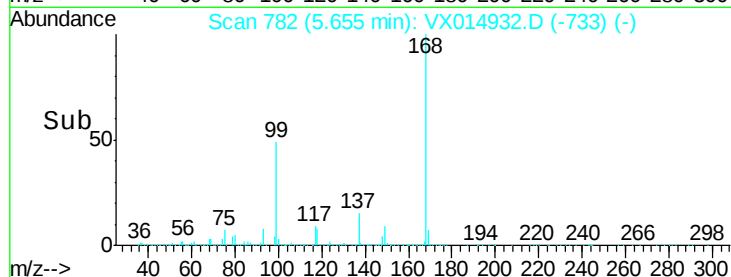
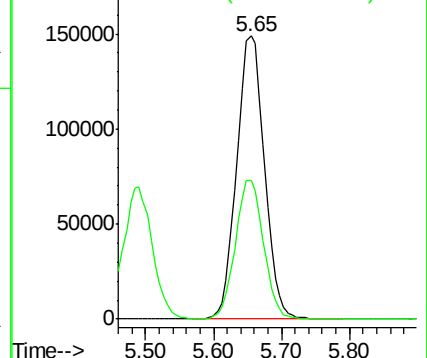
Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.977 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014932.D

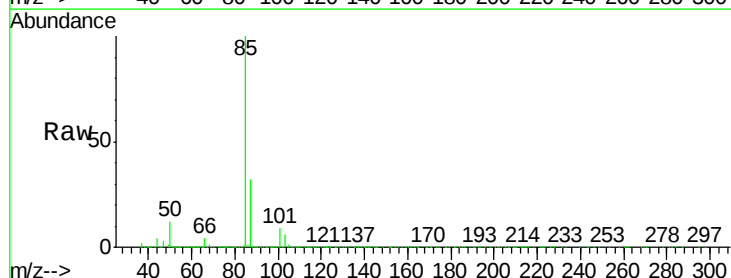
Acq: 12 Feb 2020 17:39

Tgt Ion: 85 Resp: 207965

Ion Ratio Lower Upper

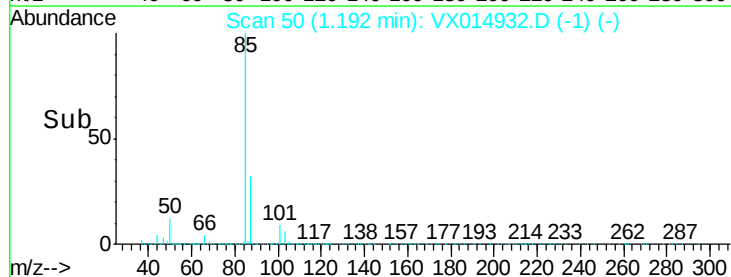
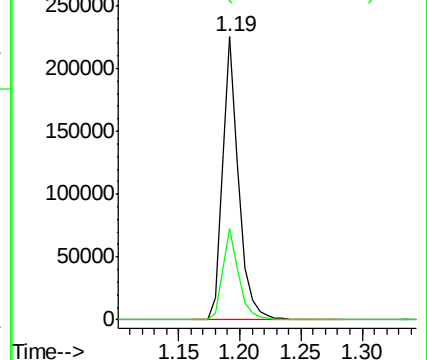
85 100

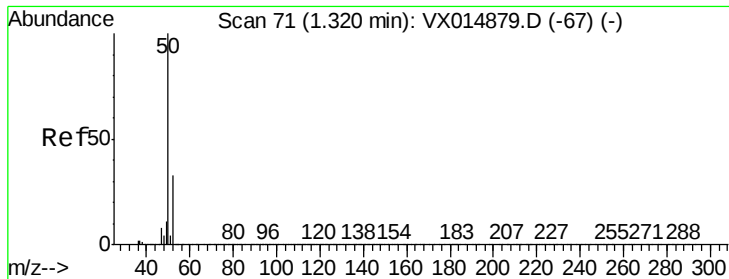
87 32.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.935 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

SS052MW772-200211MSD

Tot Ion: 50 Resp: 231051

Ion Ratio Lower Upper

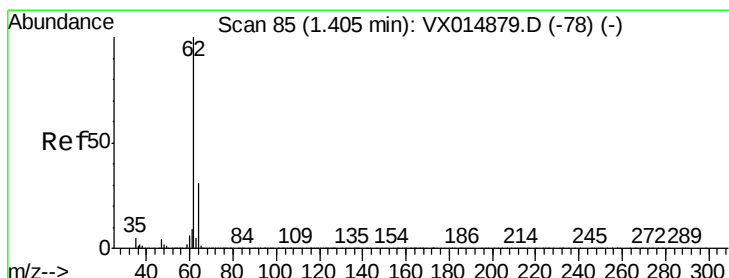
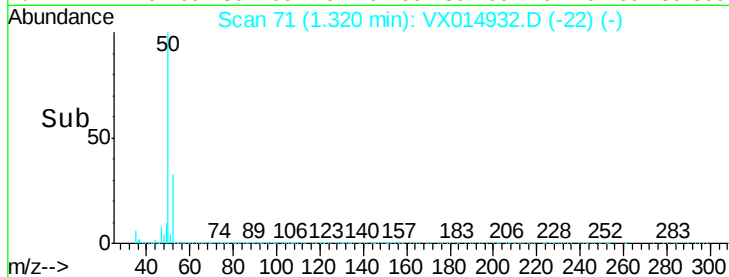
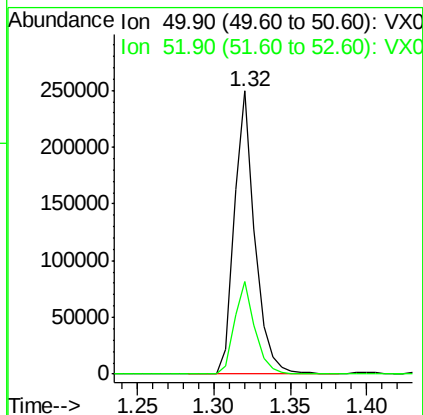
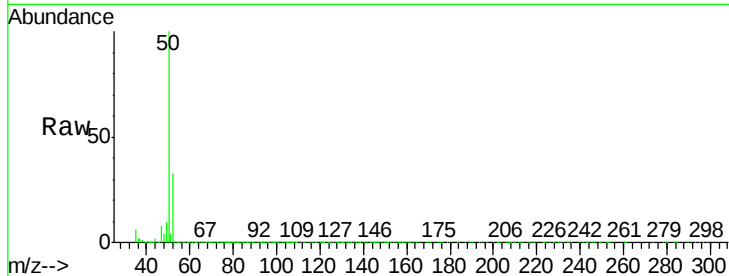
50 100

52 32.7 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 50.732 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX014932.D

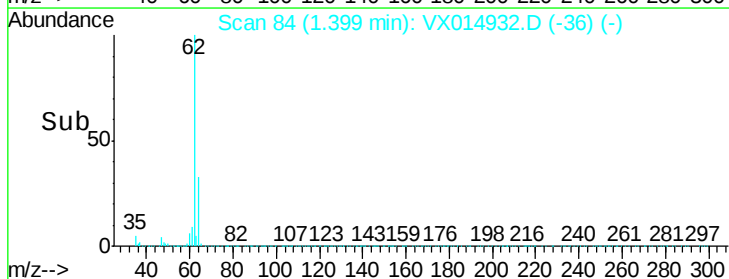
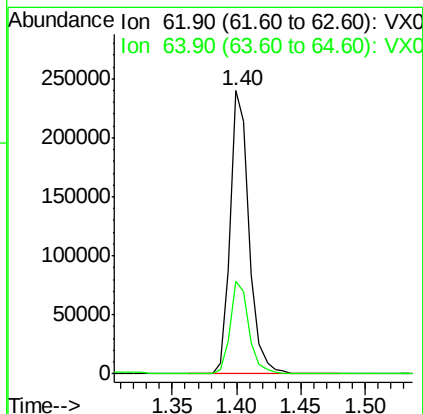
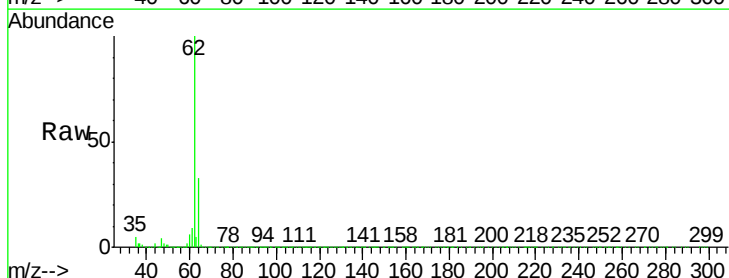
Acq: 12 Feb 2020 17:39

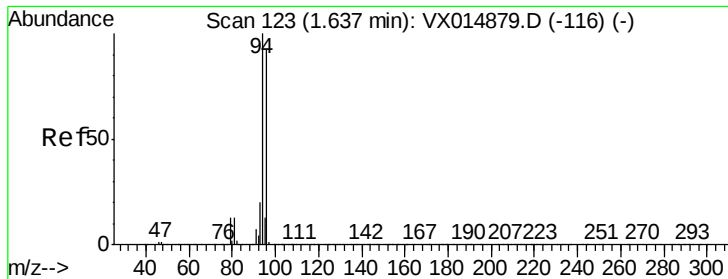
Tgt Ion: 62 Resp: 247909

Ion Ratio Lower Upper

62 100

64 32.5 24.8 37.2





#5

Bromomethane

Concen: 51.733 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

SS052MW772-200211MSD

Tot Ion: 94 Resp: 163632

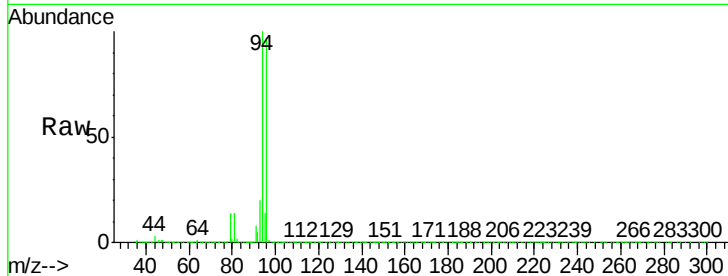
Ion Ratio Lower Upper

94 100

96 97.1 73.7 110.5

Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

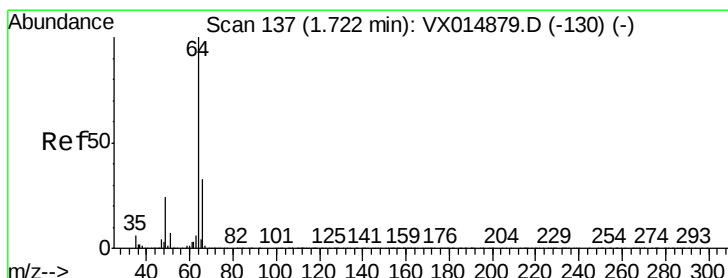
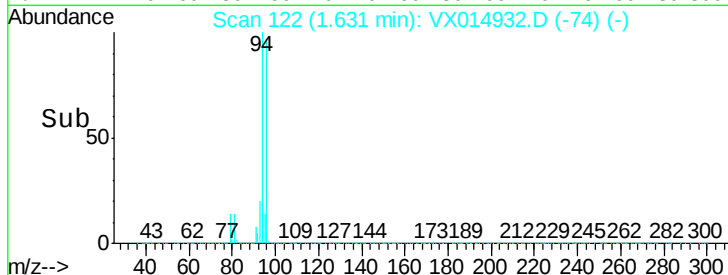
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 49.897 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX014932.D

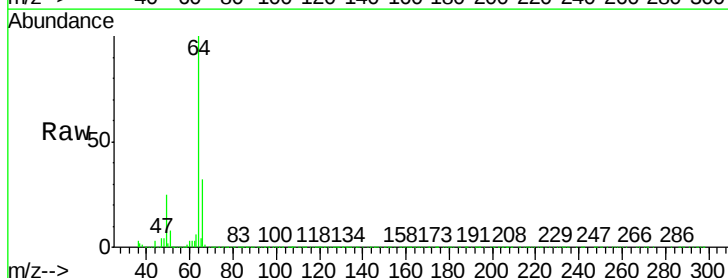
Acq: 12 Feb 2020 17:39

Tgt Ion: 64 Resp: 156014

Ion Ratio Lower Upper

64 100

66 32.2 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

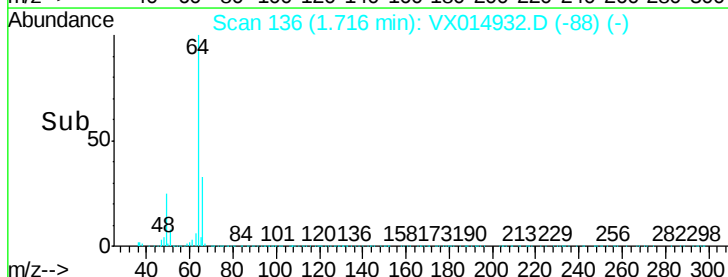
1.72

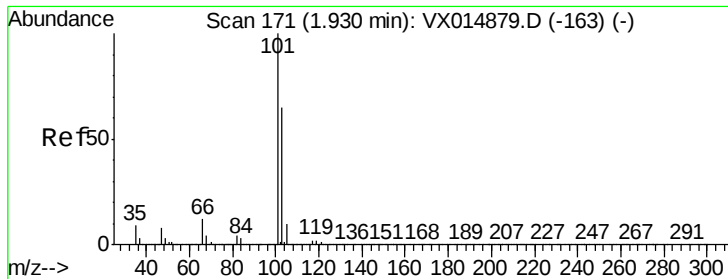
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50000

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Time-->





#7

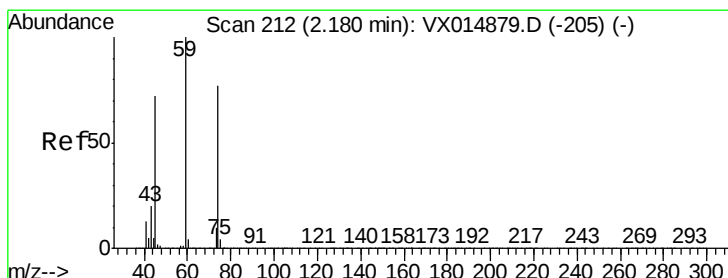
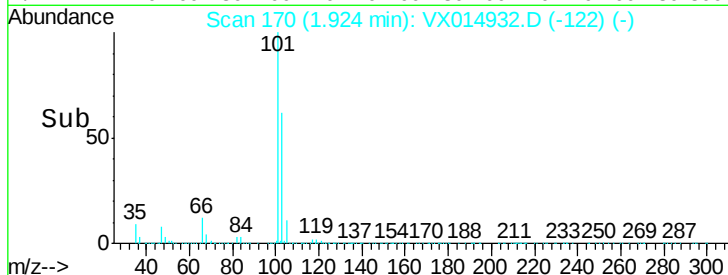
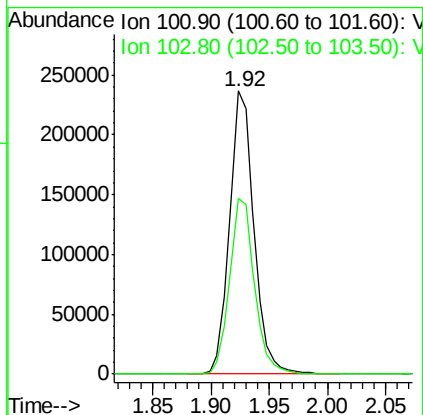
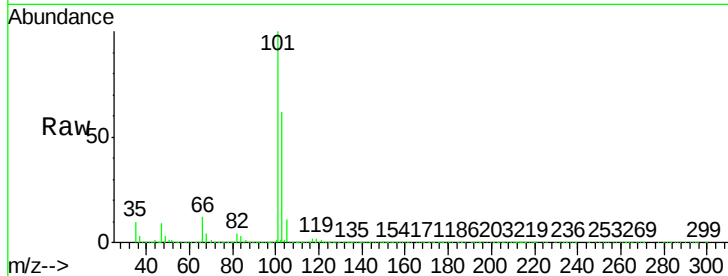
Trichlorofluoromethane
Concen: 50.527 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	344964		
103	62.1	52.2	78.4	

Manual Integrations
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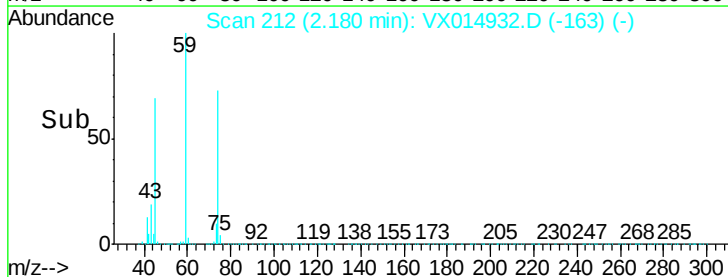
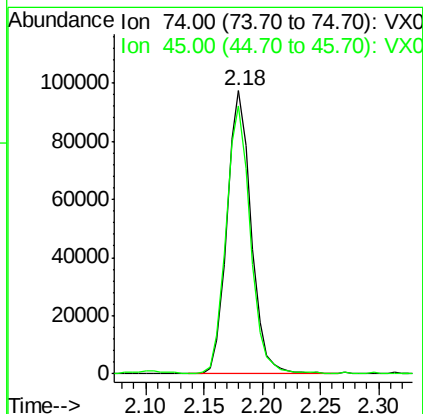
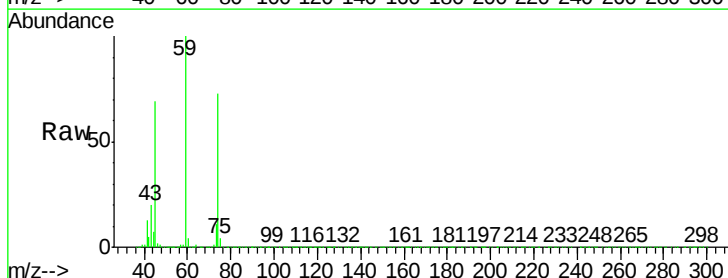
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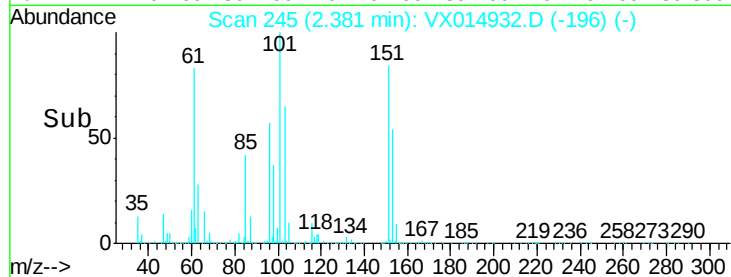
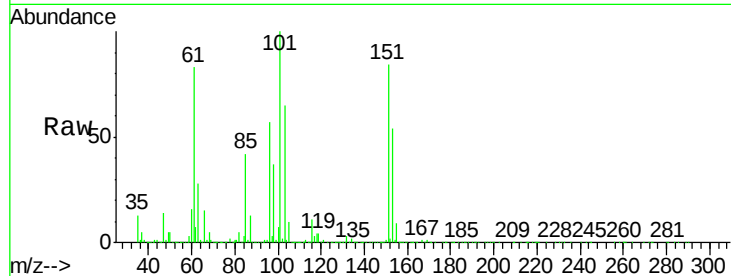
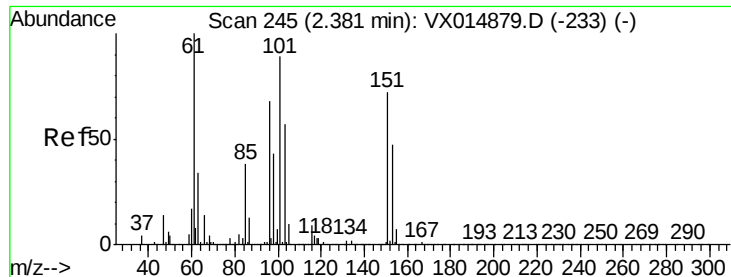


#8

Diethyl Ether
Concen: 49.336 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	139680		
45	94.8	46.6	139.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.362 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX014932.D

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MSVOA_X

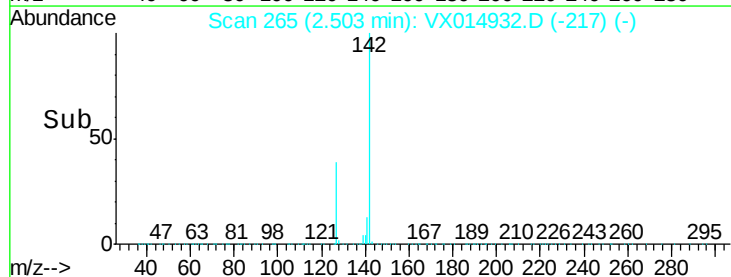
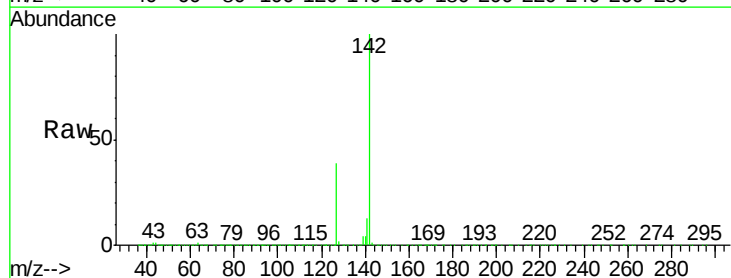
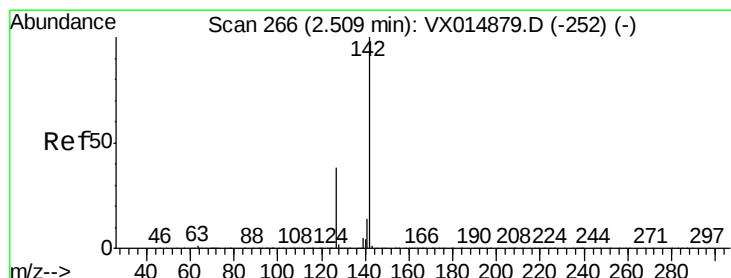
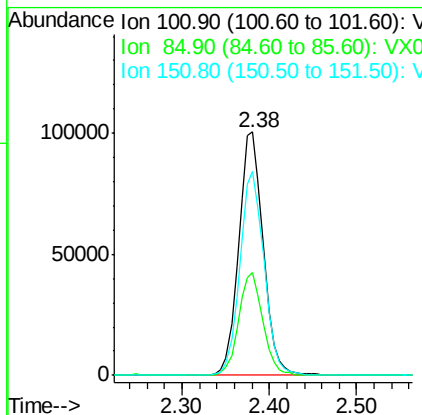
ClientSampleId :

SS052MW772-200211MSD

Tot Ion:	101	Resp:	195625
Ion Ratio	Lower	Upper	
101	100		
85	41.3	34.1	51.1
151	82.7	67.3	100.9

Manual Integrations
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#10

Methyl Iodide

Concen: 53.515 ug/l

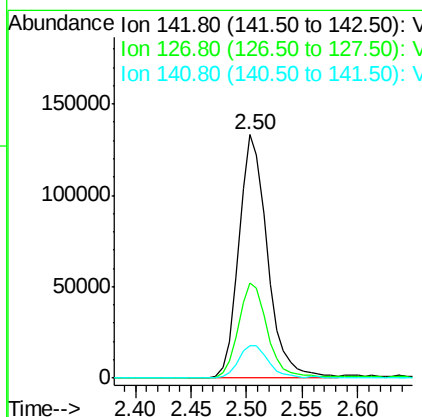
RT: 2.50 min Scan# 265

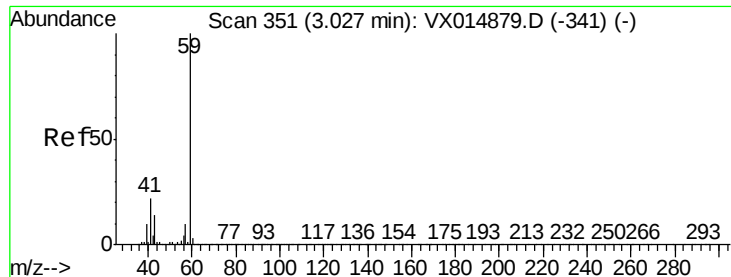
Delta R.T. -0.01 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Tgt Ion:	142	Resp:	237916
Ion Ratio	Lower	Upper	
142	100		
127	40.6	31.1	46.7
141	14.2	11.3	16.9





#11

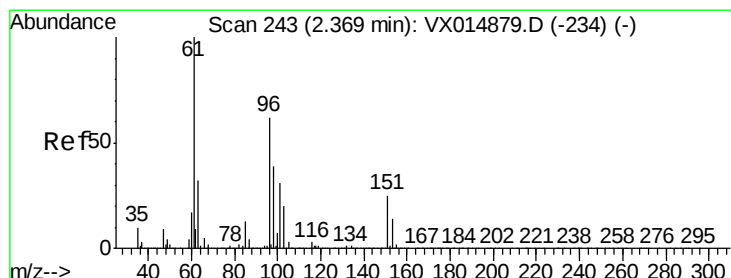
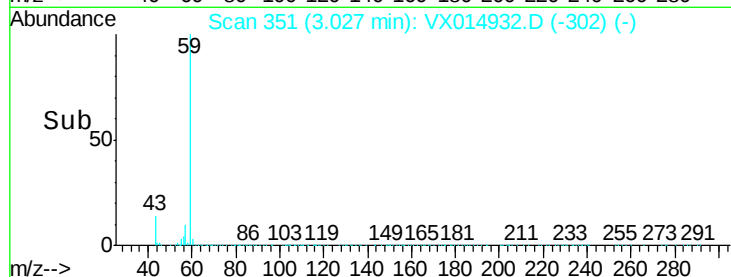
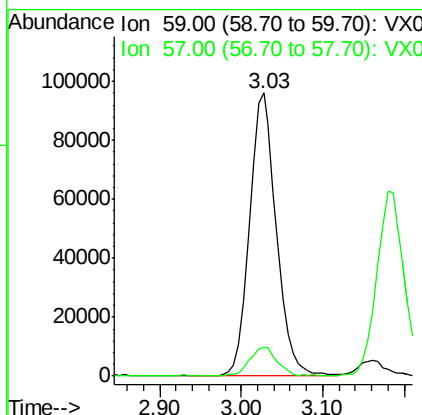
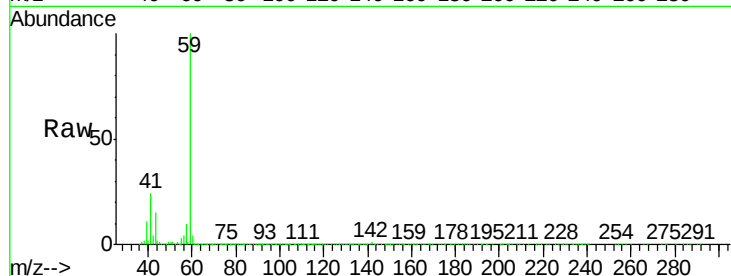
Tert butyl alcohol
Concen: 260.568 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Instrument :
MSVOA_X
ClientSampleId :
SS052MW772-200211MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

Manual Integrations
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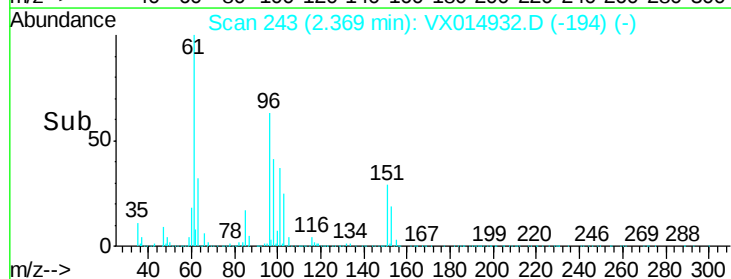
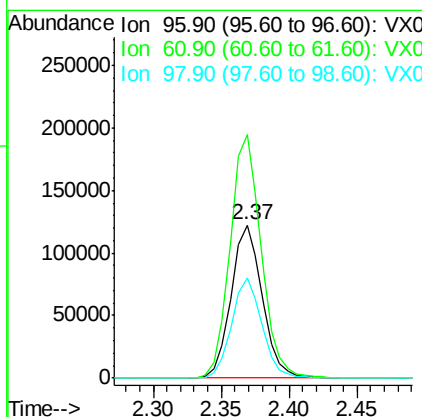
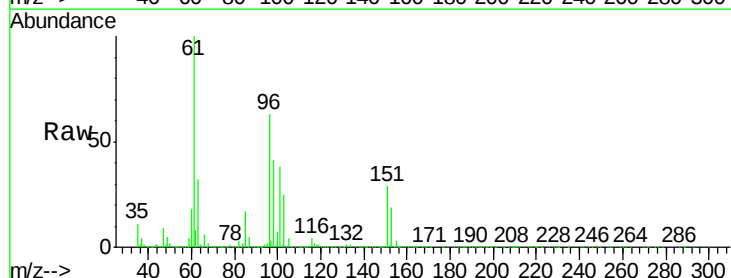
MMDadoda
2/13/2020 11:14:49 AM

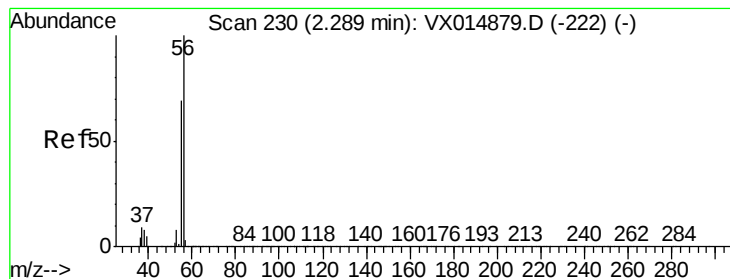


#12

1,1-Dichloroethene
Concen: 50.243 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.2	129.5	194.3
98	65.3	50.6	76.0





#13

Acrolein

Concen: 165.406 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

SS052MW772-200211MSD

Tot Ion: 56 Resp: 106133

Ion Ratio Lower Upper

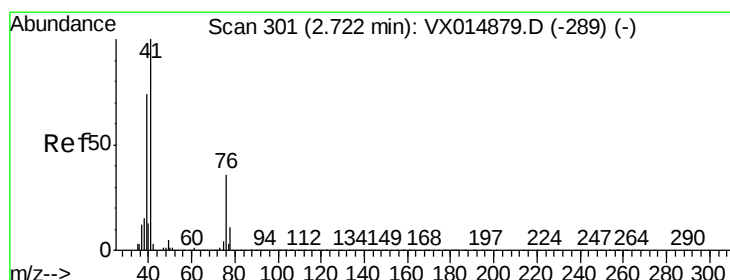
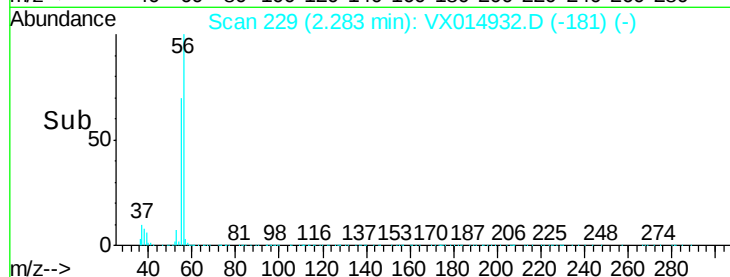
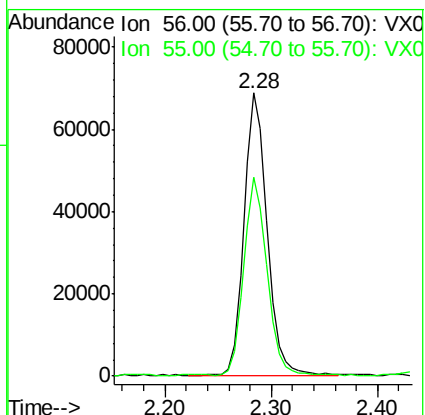
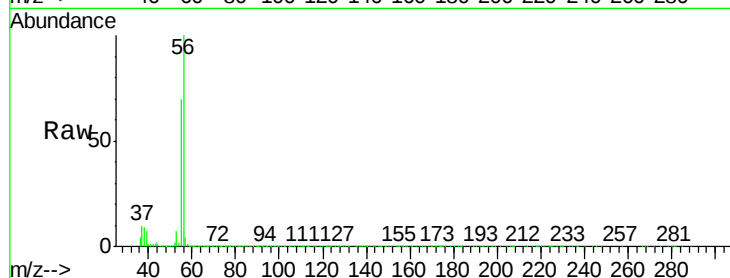
56 100

55 69.5 55.0 82.4

Manual Integrations
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#14

Allyl chloride

Concen: 49.501 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

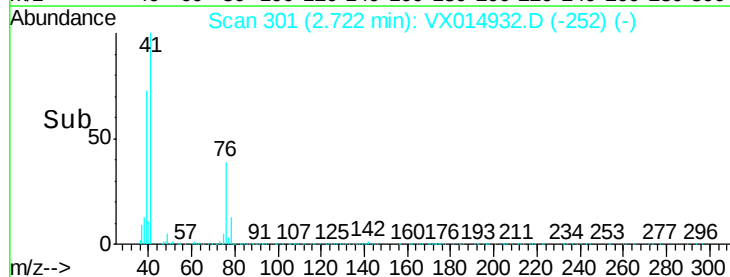
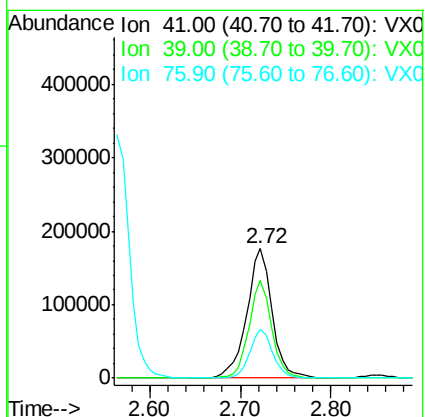
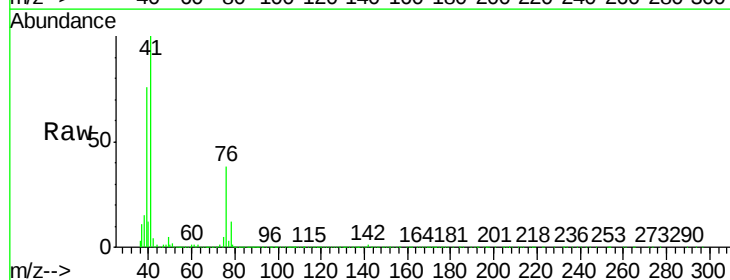
Tgt Ion: 41 Resp: 339866

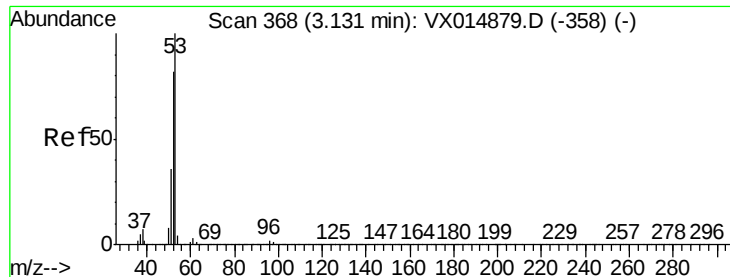
Ion Ratio Lower Upper

41 100

39 68.0 55.2 82.8

76 33.6 26.8 40.2





#15

Acrylonitrile

Concen: 261.235 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Instrument :

MSVOA_X

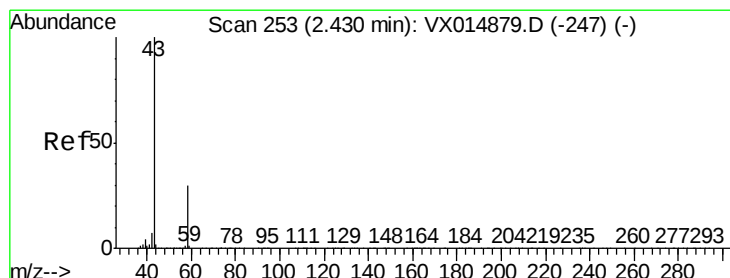
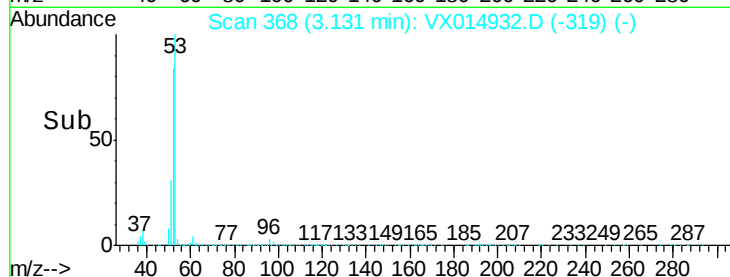
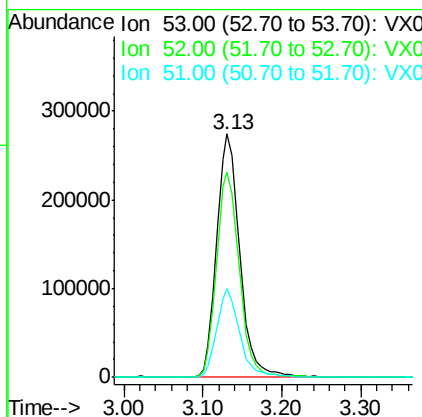
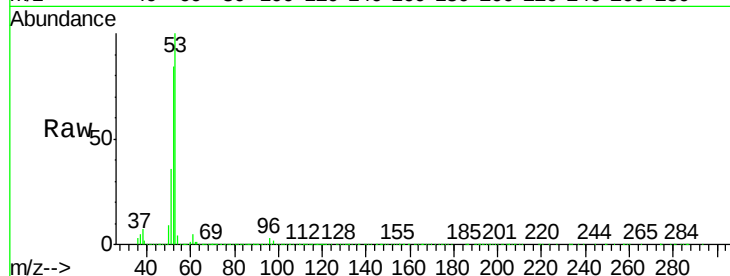
ClientSampleId :

SS052MW772-200211MSD

Tot Ion	53	Resp	557537
Ion Ratio	Lower	Upper	
53	100		
52	83.4	65.8	98.6
51	36.2	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 177.358 ug/l

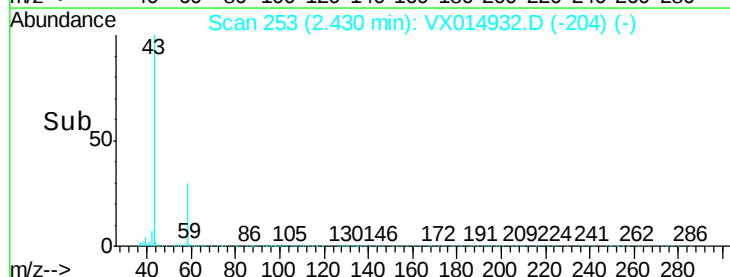
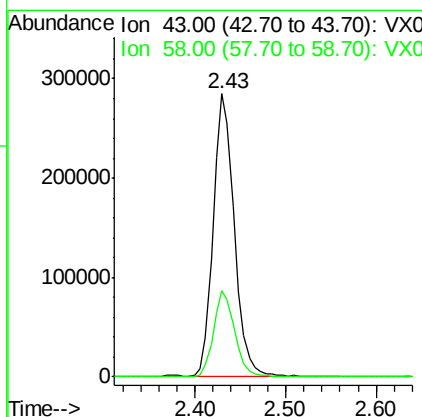
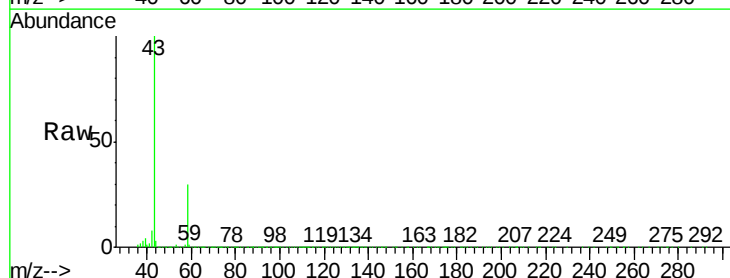
RT: 2.43 min Scan# 253

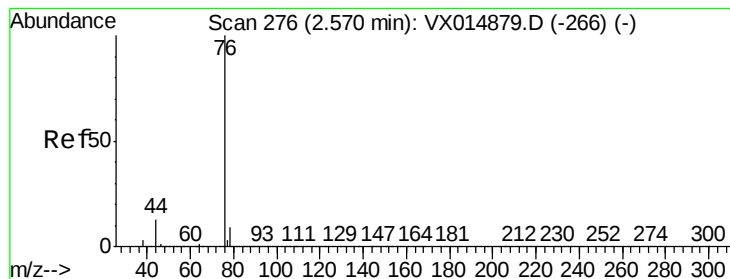
Delta R.T. 0.00 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Tgt Ion	43	Resp	462403
Ion Ratio	Lower	Upper	
43	100		
58	30.4	24.1	36.1





#17

Carbon Disulfide

Concen: 49.920 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

SS052MW772-200211MSD

Tot Ion: 76 Resp: 540132

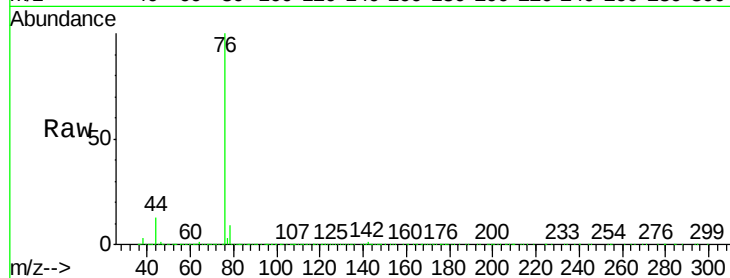
Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

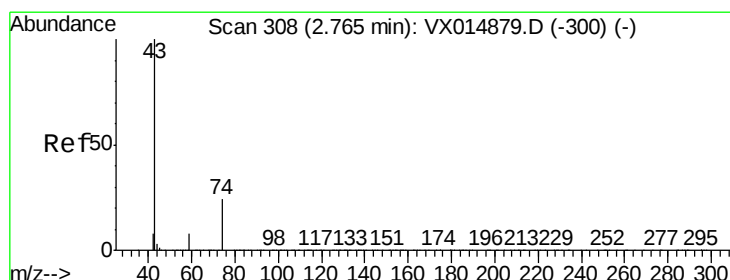
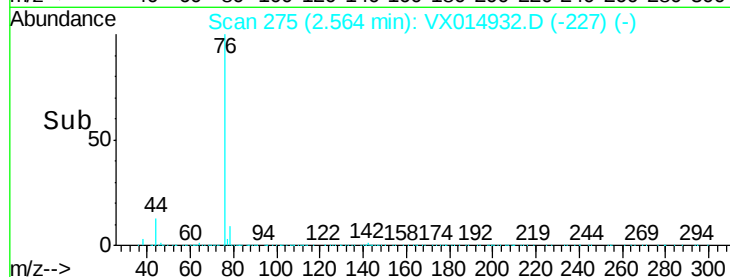
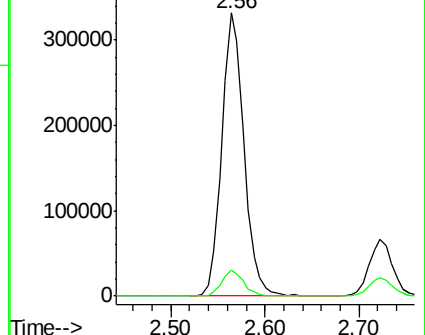
Manual Integrations
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 51.305 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014932.D

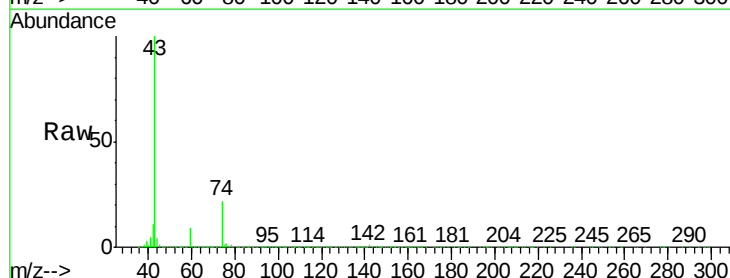
Acq: 12 Feb 2020 17:39

Tgt Ion: 43 Resp: 246377

Ion Ratio Lower Upper

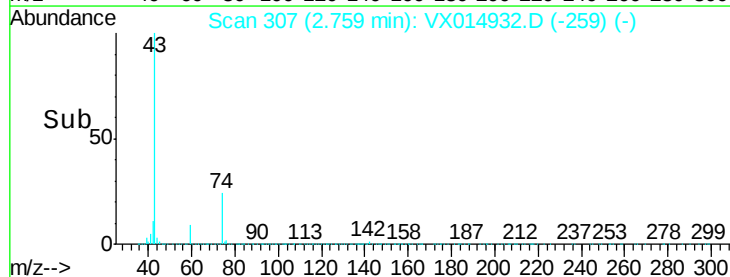
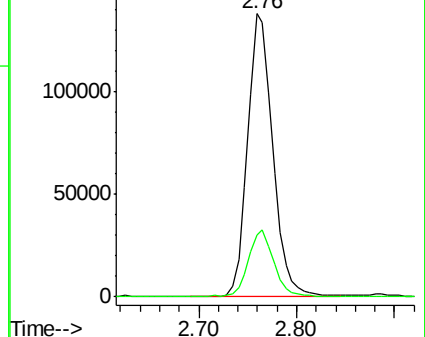
43 100

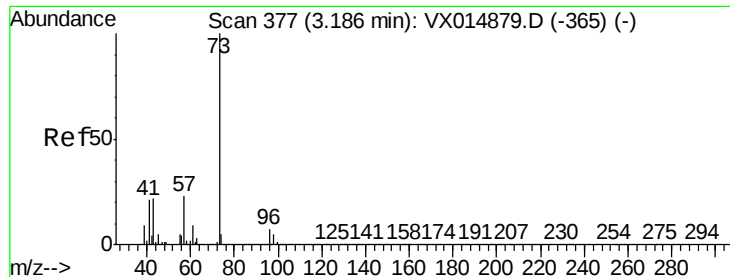
74 23.8 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

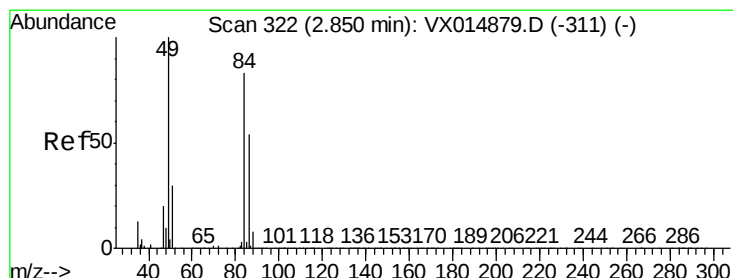
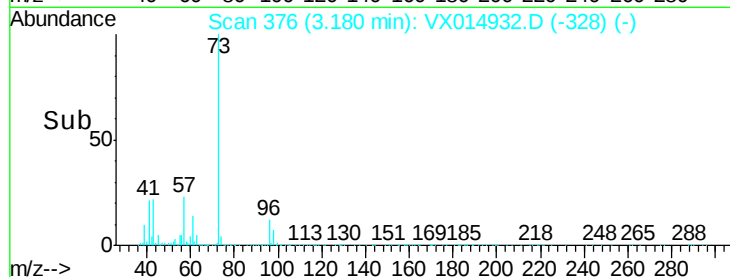
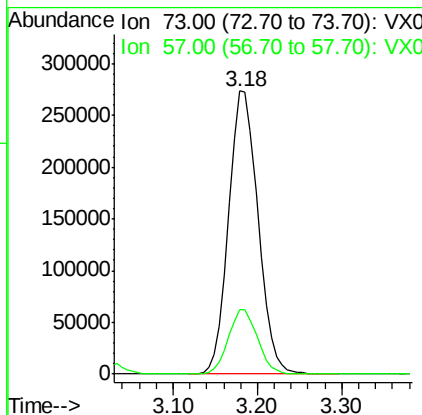
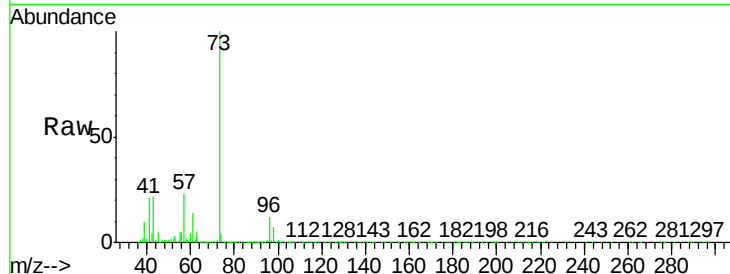
Methyl tert-butyl Ether
 Concen: 51.477 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014932.D
 Acq: 12 Feb 2020 17:39

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW772-200211MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.9	18.2	27.4

Manual Integrations
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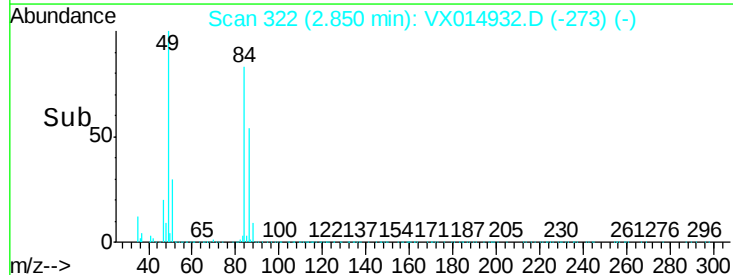
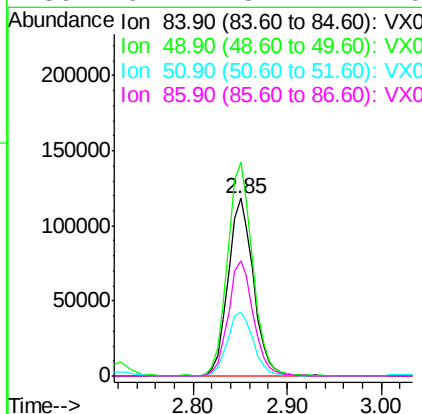
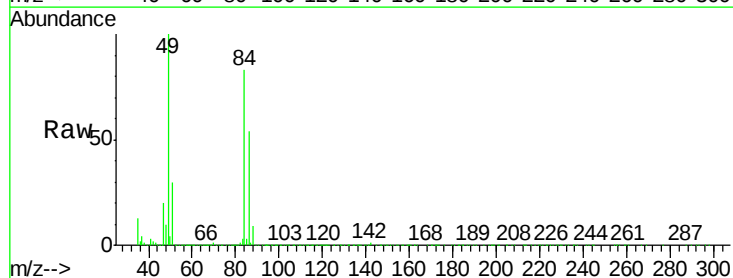
MMDadoda
 2/13/2020 11:14:49 AM

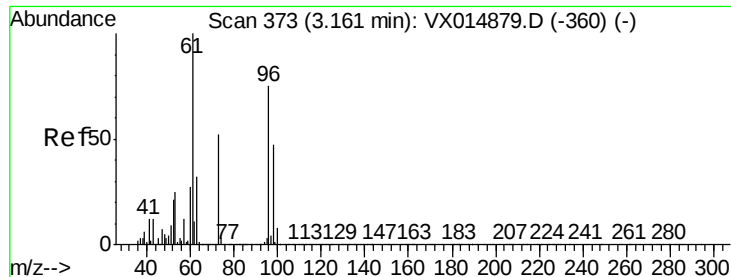


#20

Methylene Chloride
 Concen: 47.911 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014932.D
 Acq: 12 Feb 2020 17:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.0	95.6	143.4
51	36.3	29.0	43.6
86	64.7	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 49.974 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Instrument :

MSVOA_X

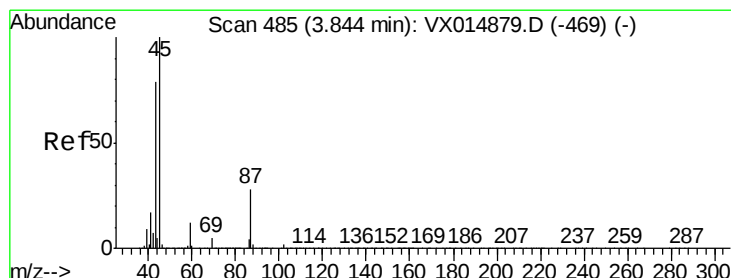
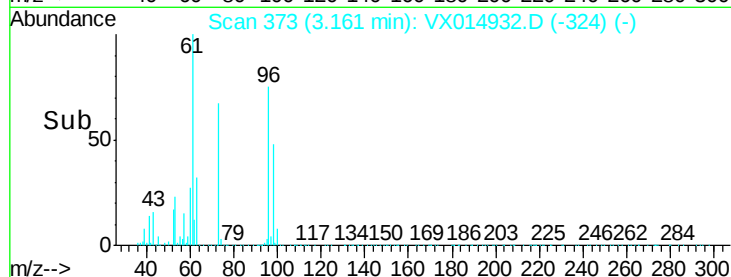
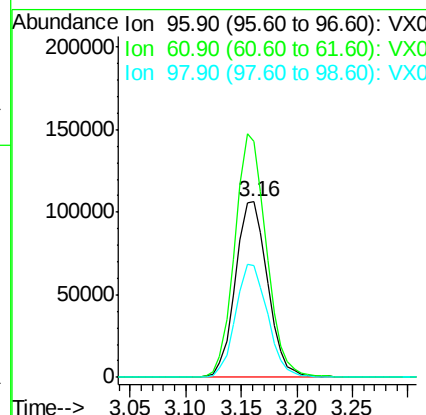
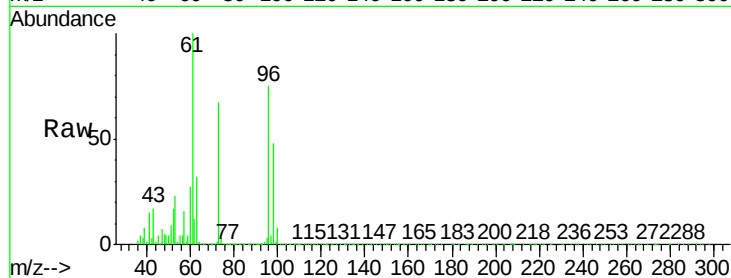
ClientSampleId :

SS052MW772-200211MSD

Tot Ion:	96	Resp:	213539
Ion Ratio	Lower	Upper	
96	100		
61	134.0	106.9	160.3
98	63.8	50.7	76.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.882 ug/l

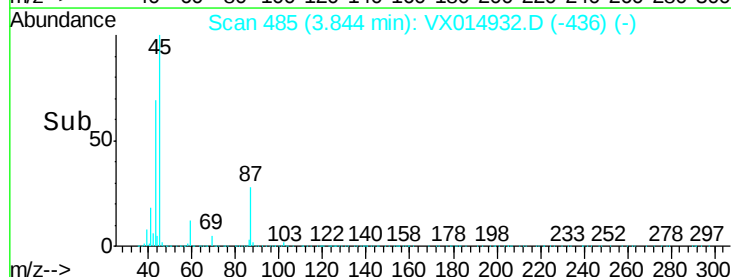
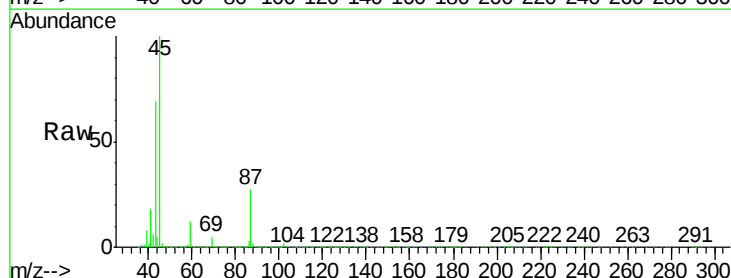
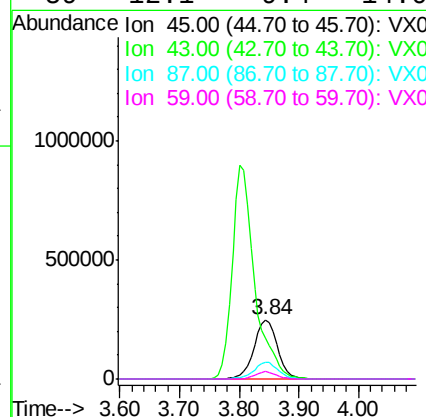
RT: 3.84 min Scan# 485

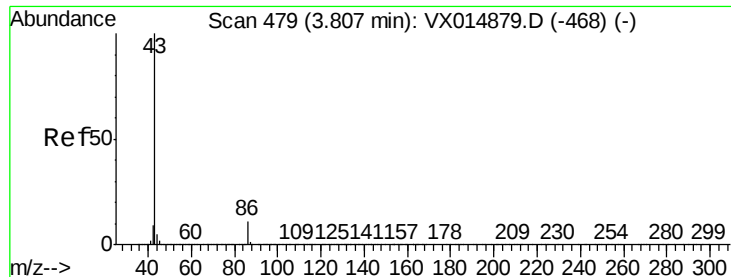
Delta R.T. 0.00 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Tgt Ion:	45	Resp:	680339
Ion Ratio	Lower	Upper	
45	100		
43	68.7	63.5	95.3
87	27.5	22.2	33.4
59	12.1	9.4	14.0





#23

Vinyl Acetate

Concen: 216.998 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

SS052MW772-200211MSD

Tot Ion: 43 Resp: 2345736

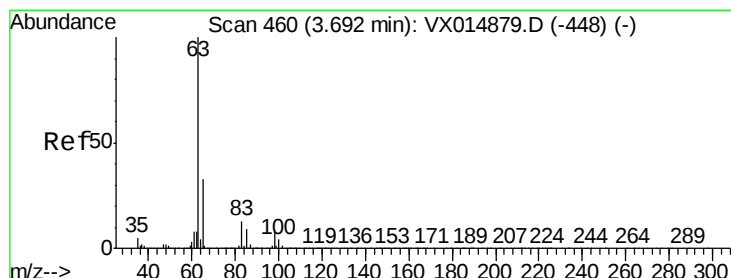
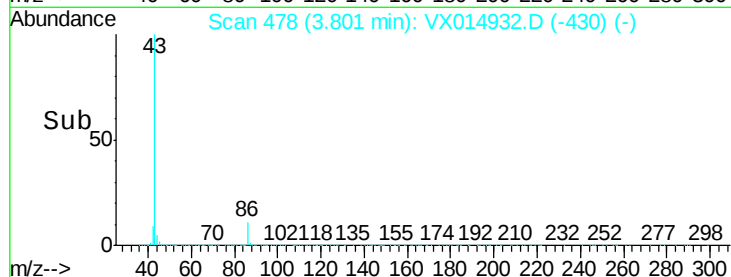
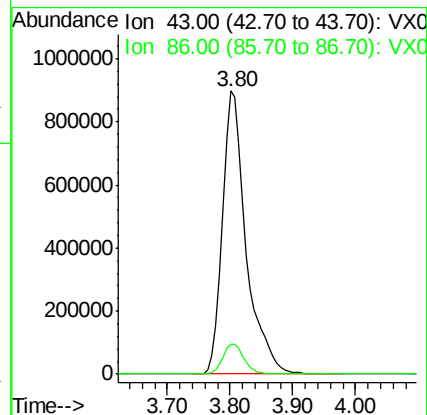
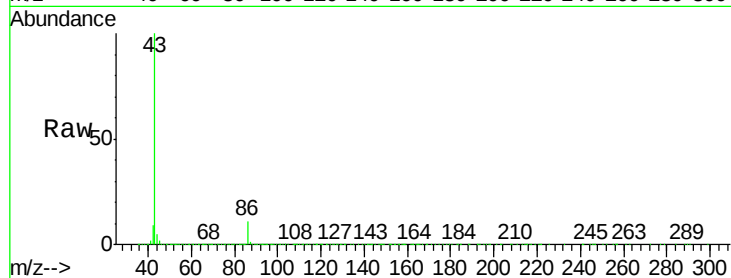
Ion Ratio Lower Upper

43 100

86 10.6 8.9 13.3

Manual Integrations
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MMDadoda
2/13/2020 11:14:49 AM



#24

1,1-Dichloroethane

Concen: 50.855 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

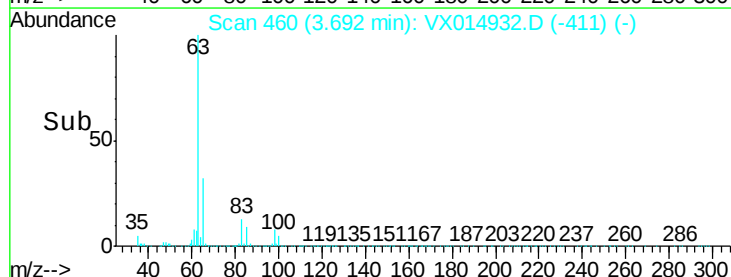
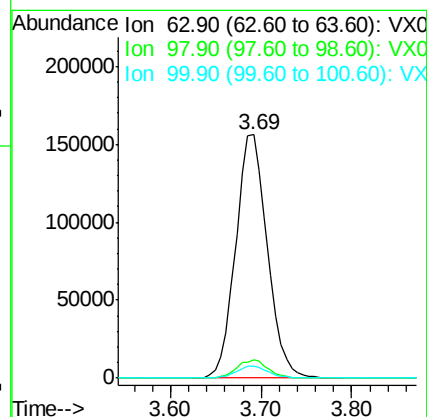
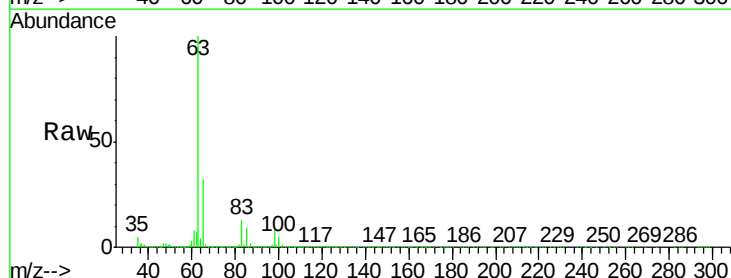
Tgt Ion: 63 Resp: 376372

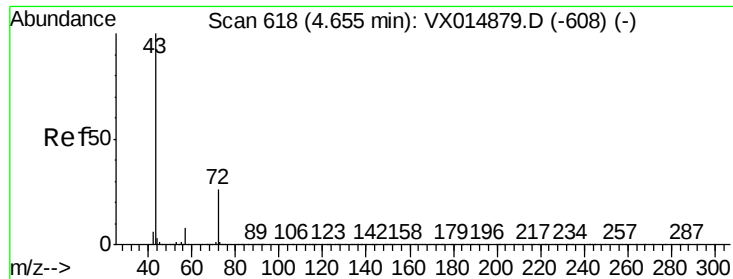
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 4.8 2.2 6.6





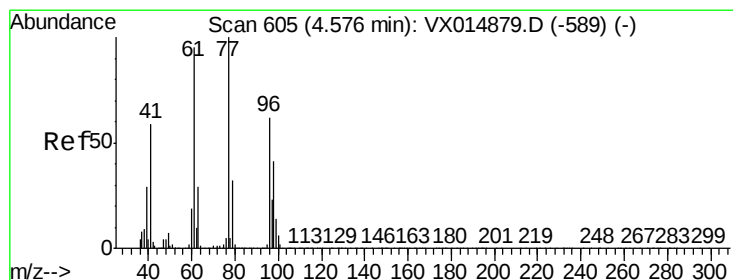
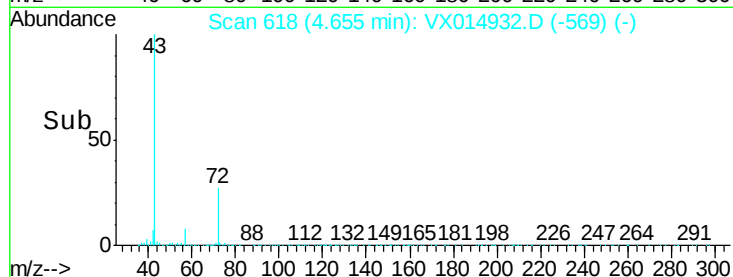
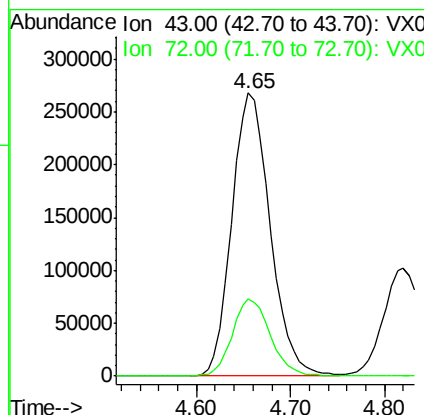
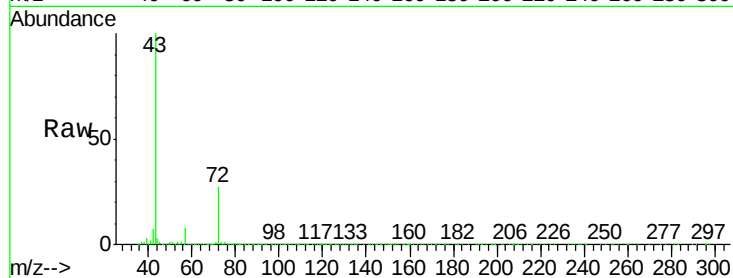
#25
2-Butanone
Concen: 232.557 ug/l
RT: 4.65 min Scan# 618
Delta R.T. 0.00 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Instrument :
MSVOA_X
ClientSampleId :
SS052MW772-200211MSD

Tot Ion: 43 Resp: 754914
Ion Ratio Lower Upper
43 100
72 27.1 21.0 31.6

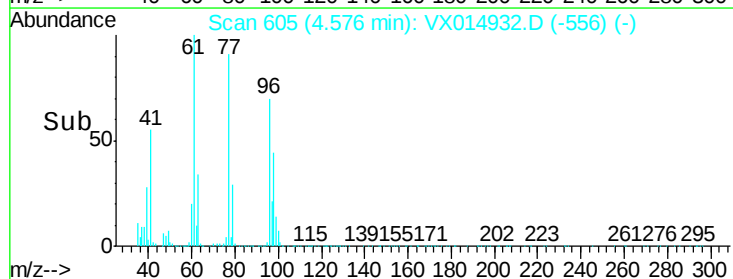
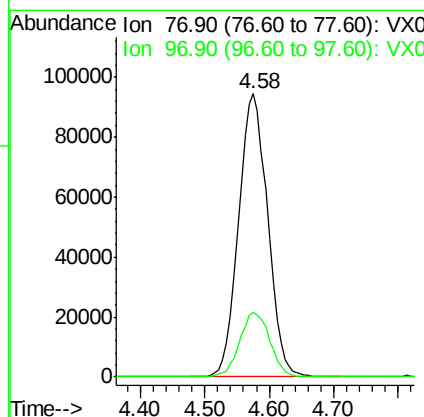
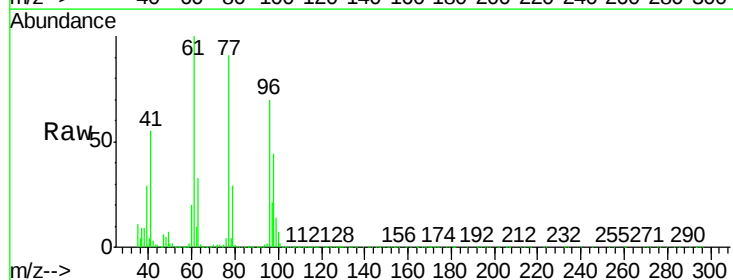
Manual Integrations
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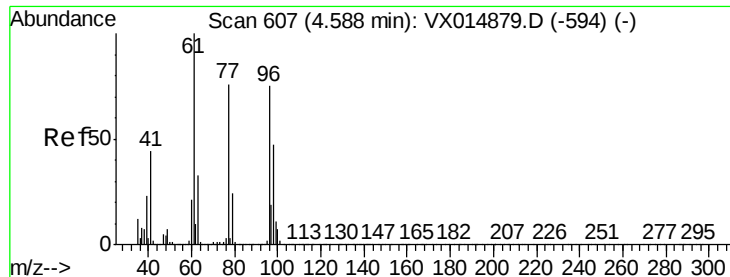
MMDadoda
2/13/2020 11:14:49 AM



#26
2,2-Dichloropropane
Concen: 46.097 ug/l
RT: 4.58 min Scan# 605
Delta R.T. 0.00 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Tgt Ion: 77 Resp: 294006
Ion Ratio Lower Upper
77 100
97 23.7 11.9 35.5





#27

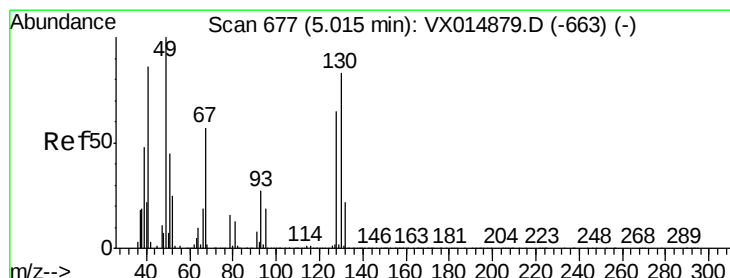
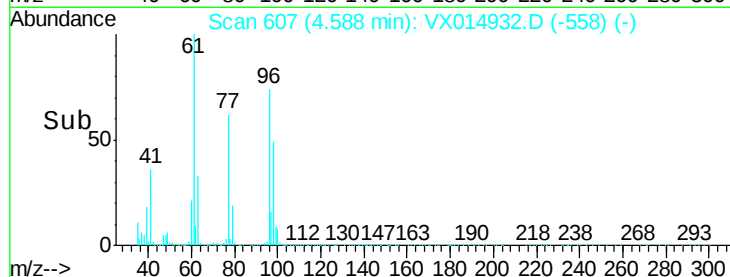
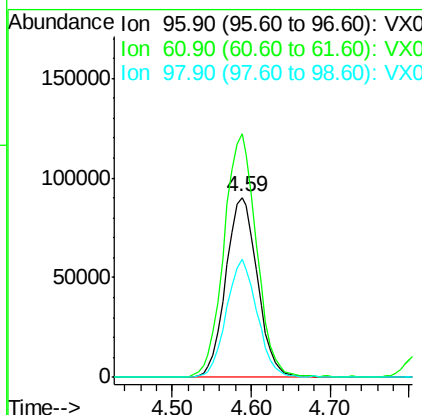
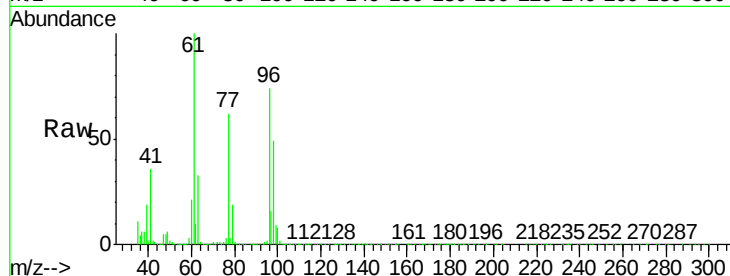
cis-1,2-Dichloroethene
Concen: 52.373 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Instrument :
MSVOA_X
ClientSampleId :
SS052MW772-200211MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	250161		
61	139.8	0.0	286.2	
98	64.3	0.0	131.0	

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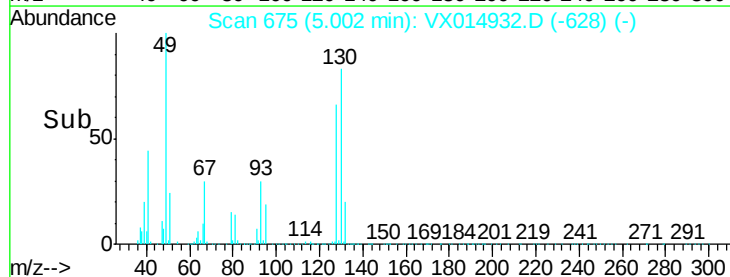
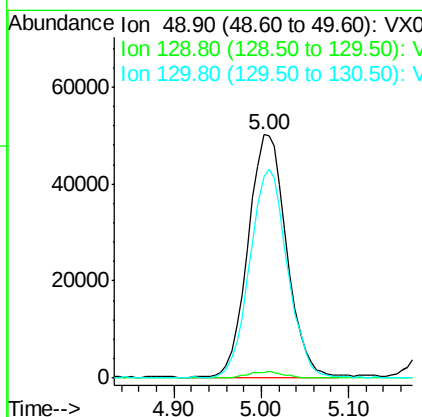
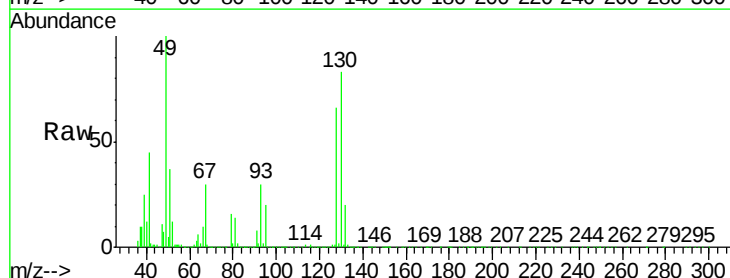
MMDadoda
2/13/2020 11:14:49 AM

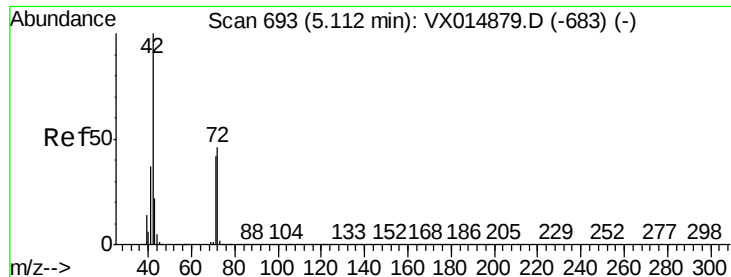


#28

Bromochloromethane
Concen: 53.457 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	153349		
129	2.7	0.0	5.2	
130	83.9	67.4	101.2	





#29

Tetrahydrofuran

Concen: 268.103 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Instrument :

MSVOA_X

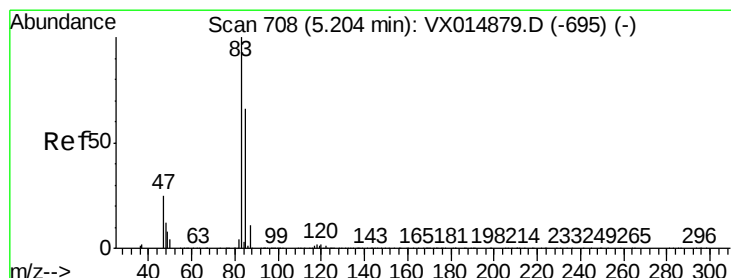
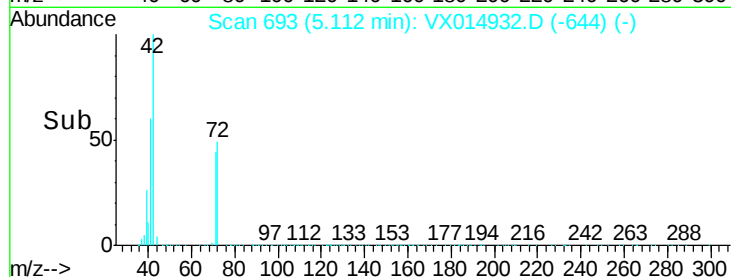
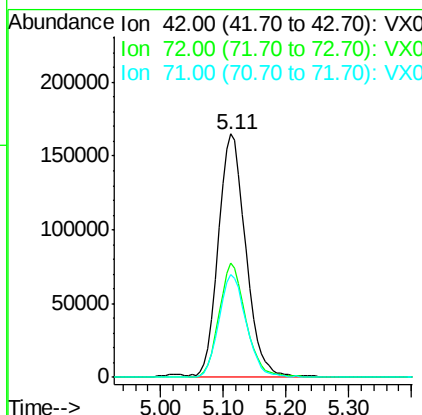
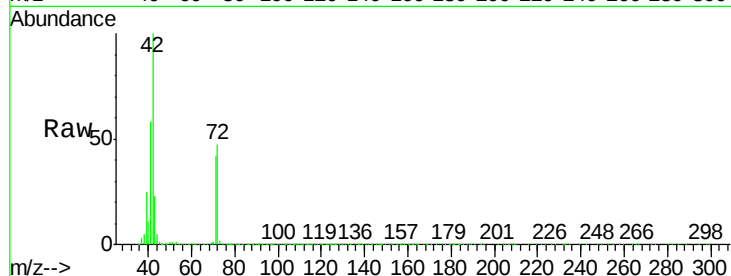
ClientSampleId :

SS052MW772-200211MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.6	36.9	55.3
71	42.5	34.1	51.1

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#30

Chloroform

Concen: 52.423 ug/l

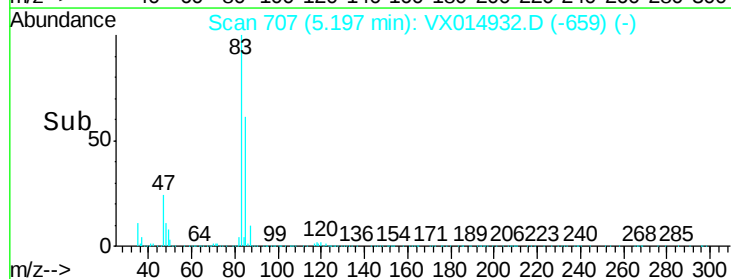
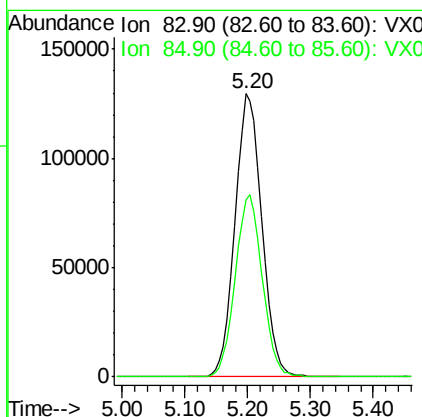
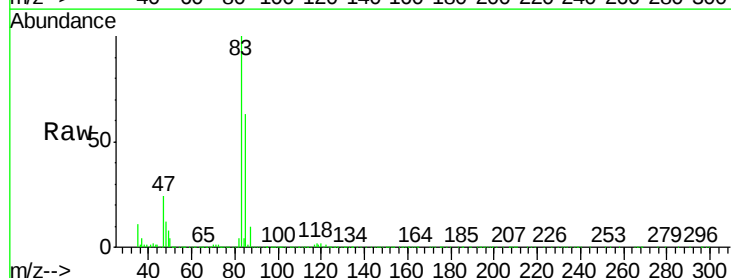
RT: 5.20 min Scan# 707

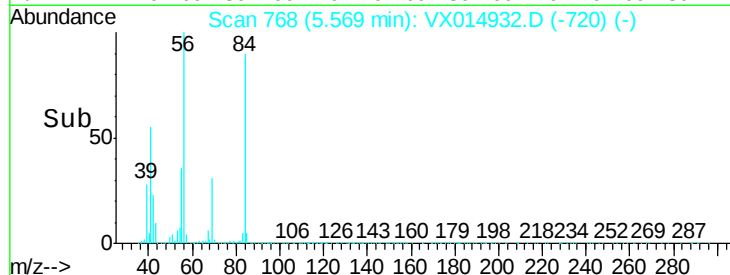
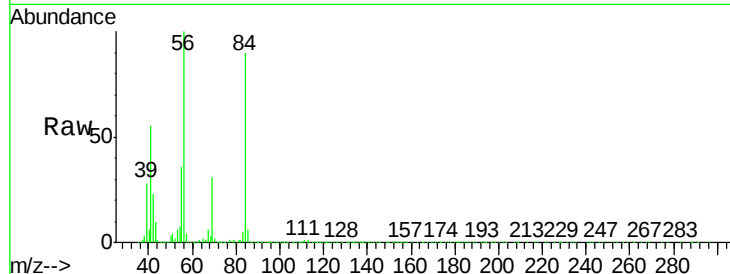
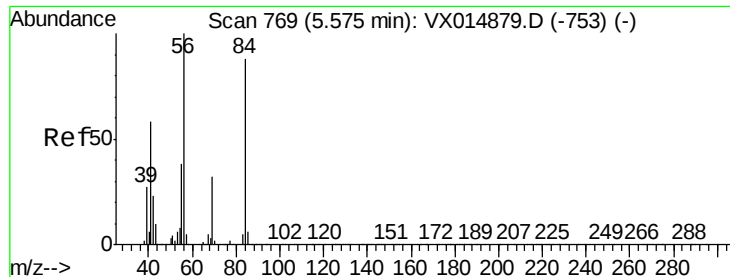
Delta R.T. -0.01 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.9	79.3





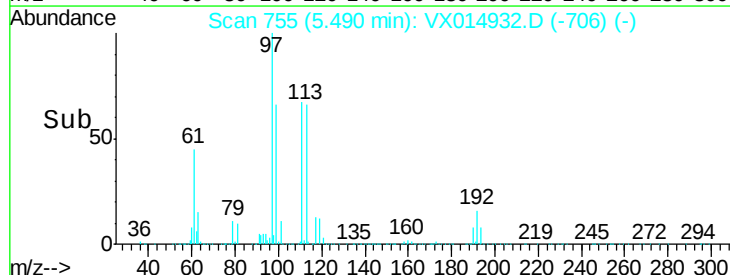
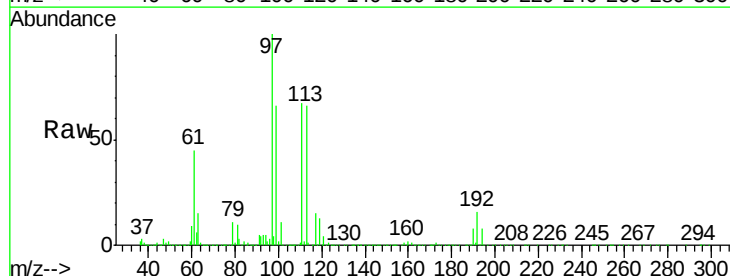
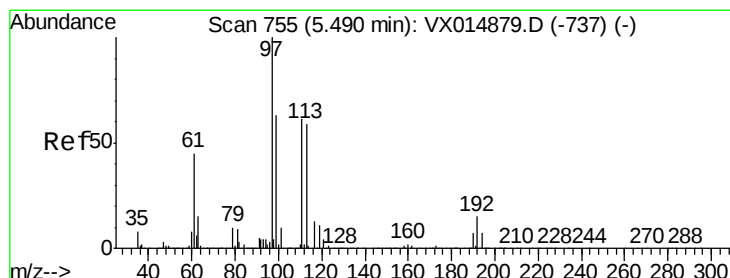
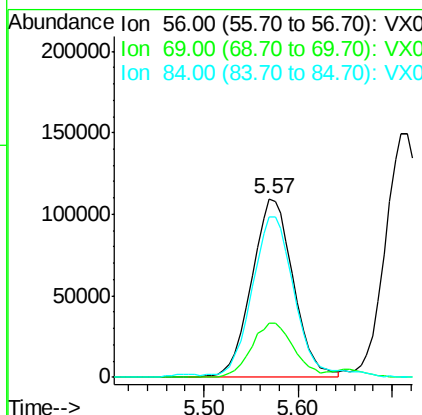
#31
Cvclohexane
Concen: 50.036 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		337283		
69	30.6	25.9	38.9		
84	88.3	70.4	105.6		

Instrument :
MSVOA_X
ClientSampleId :
SS052MW772-200211MSD

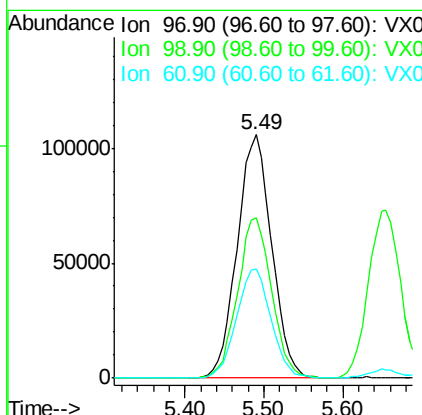
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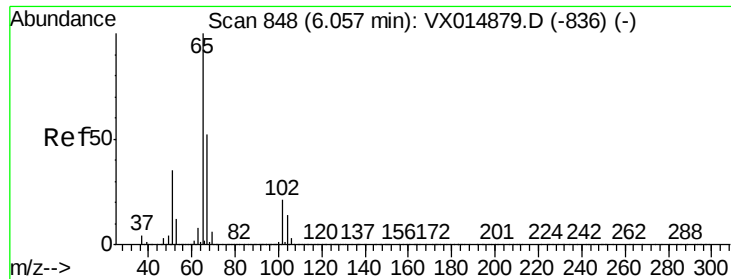
MMDadoda
2/13/2020 11:14:49 AM



#32
1,1,1-Trichloroethane
Concen: 50.013 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		321237		
99	64.8	51.0	76.6		
61	44.5	36.3	54.5		





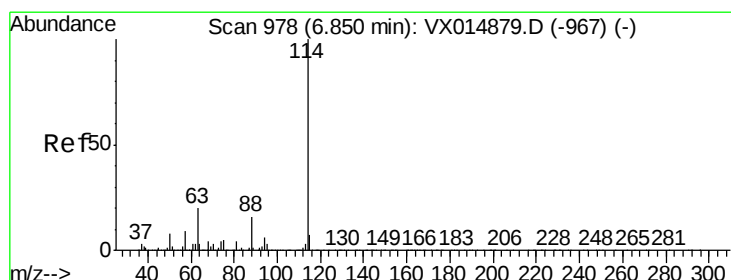
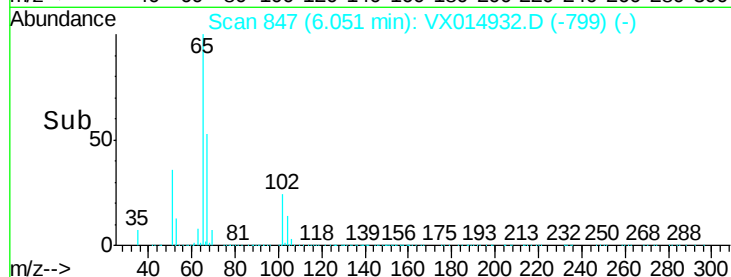
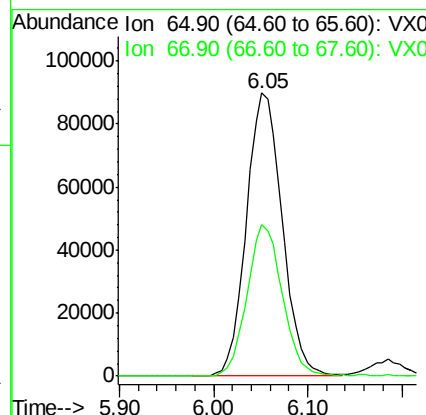
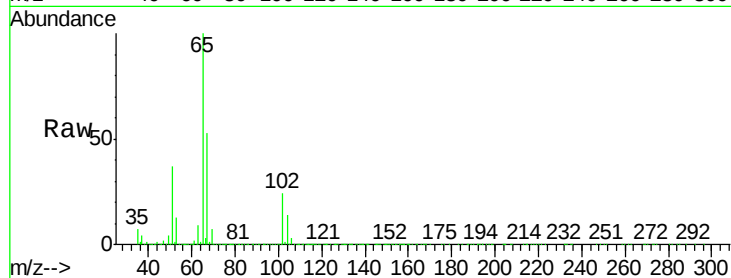
#33
 1,2-Dichloroethane-d4
 Concen: 49.928 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX014932.D
 Acq: 12 Feb 2020 17:39

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW772-200211MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	238066		
67	52.5	0.0	103.0	

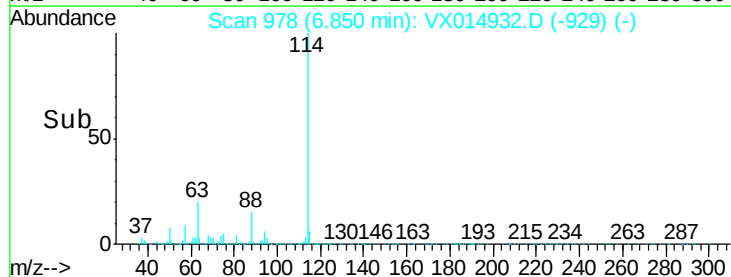
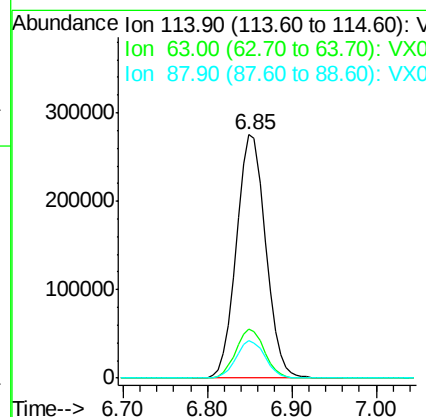
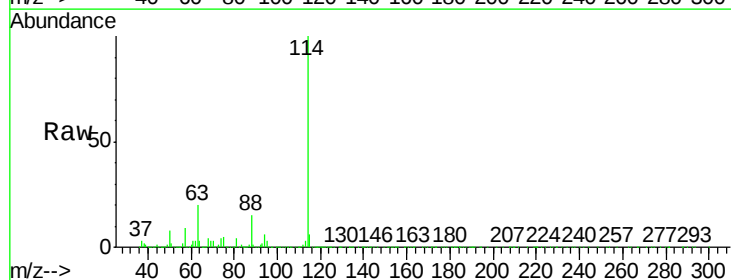
Manual Integrations
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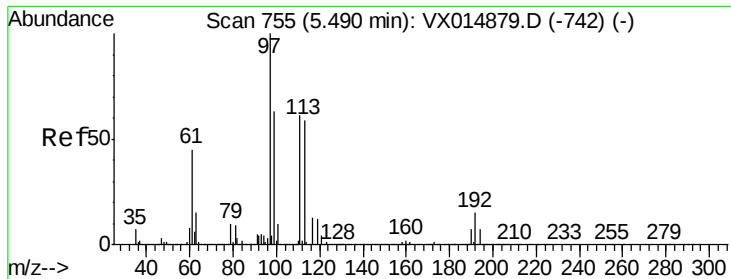
MMDadoda
 2/13/2020 11:14:49 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014932.D
 Acq: 12 Feb 2020 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	644178		
63	20.4	0.0	39.2	
88	15.1	0.0	32.0	





#35

Dibromofluoromethane

Concen: 49.732 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Instrument :

MSVOA_X

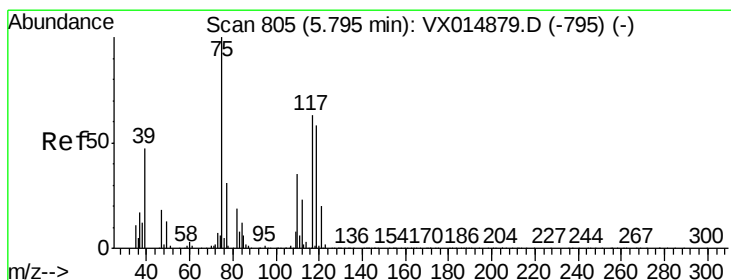
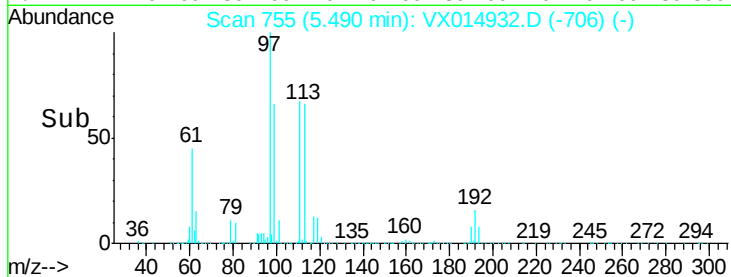
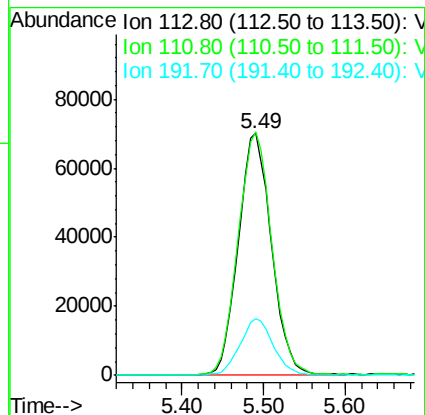
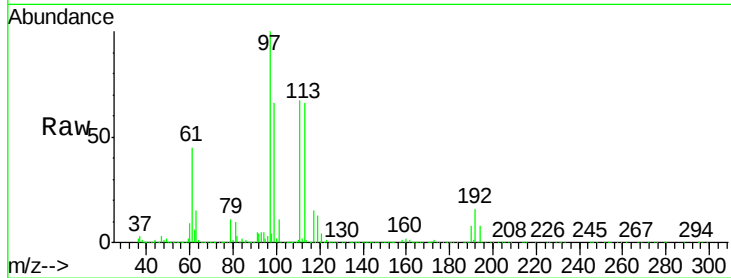
ClientSampleId :

SS052MW772-200211MSD

Tot Ion:	113	Resp:	196953
Ion Ratio	Lower	Upper	
113	100		
111	102.9	82.4	123.6
192	23.6	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 50.115 ug/l

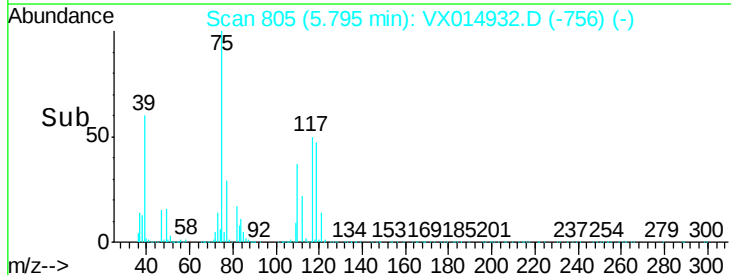
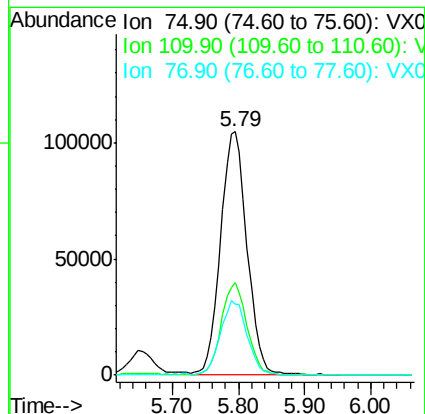
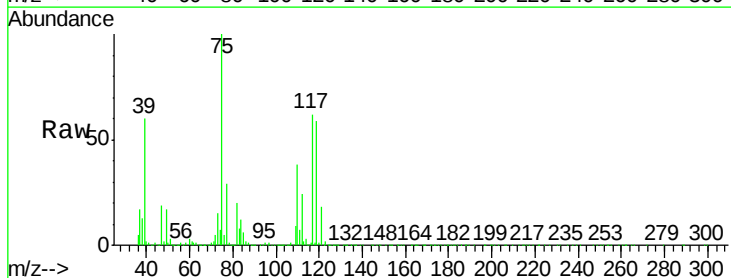
RT: 5.79 min Scan# 805

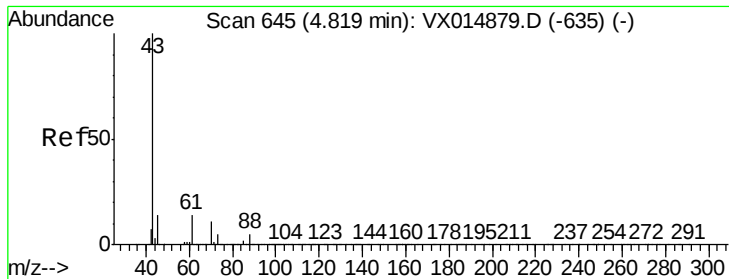
Delta R.T. 0.00 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Tgt Ion:	75	Resp:	288781
Ion Ratio	Lower	Upper	
75	100		
110	37.1	18.3	54.8
77	30.5	24.6	36.8





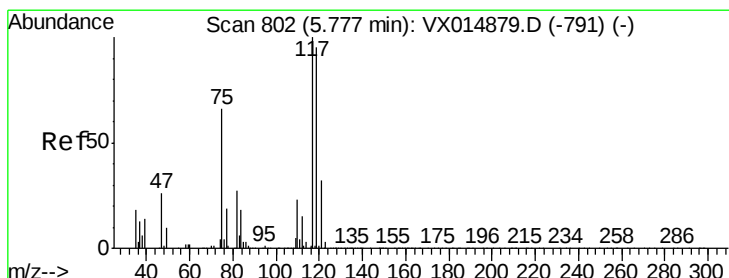
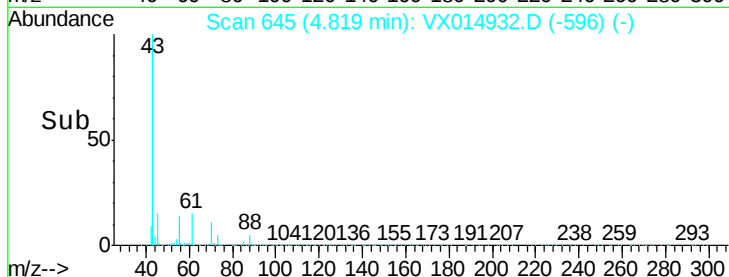
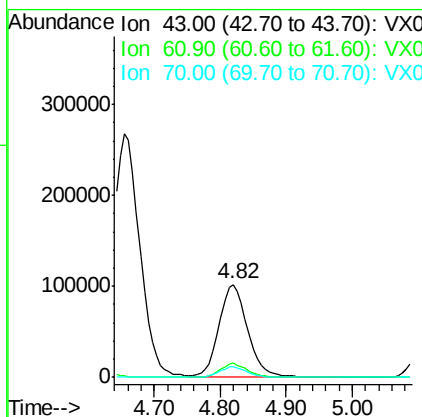
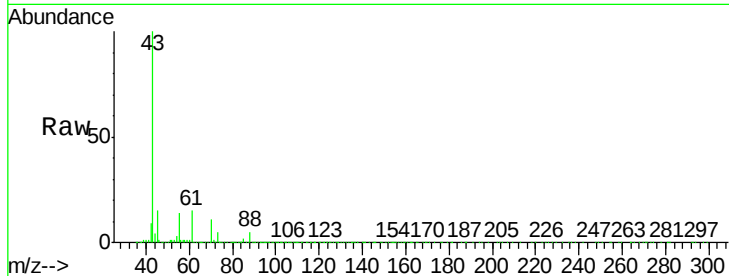
#37
Ethyl Acetate
Concen: 50.130 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Instrument :
MSVOA_X
ClientSampleId :
SS052MW772-200211MSD

Tot Ion	43	Resp	301285
Ion Ratio	Lower	Upper	
43	100		
61	13.6	10.9	16.3
70	10.7	8.7	13.1

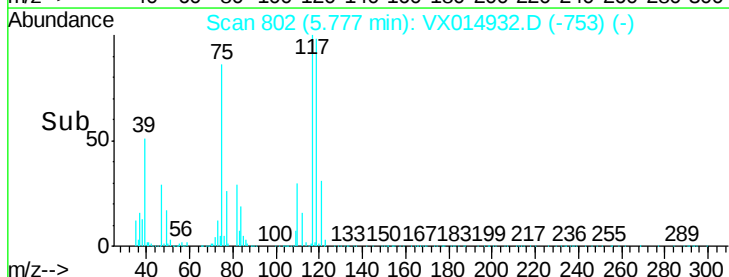
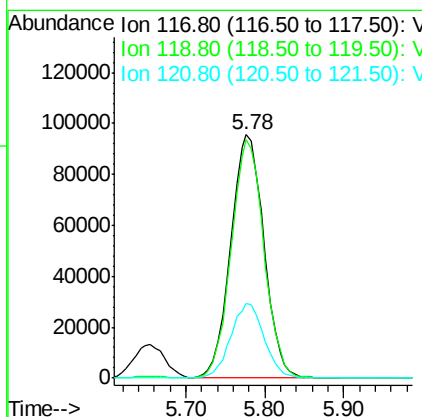
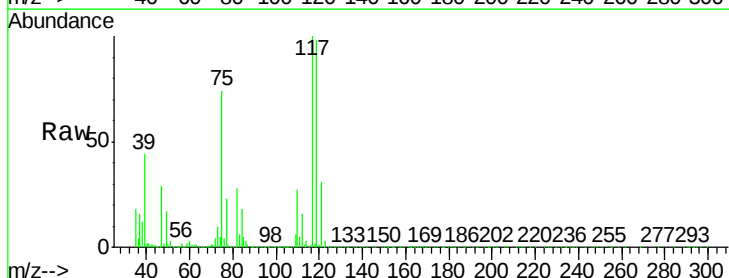
Manual Integrations
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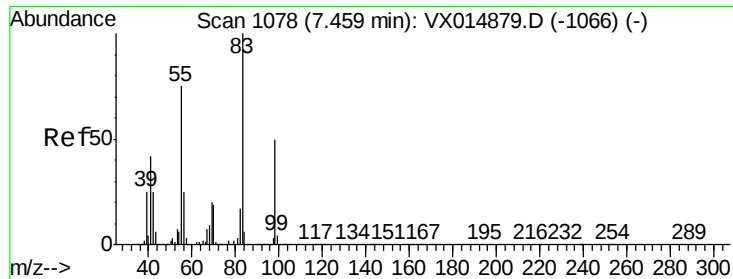
MMDadoda
2/13/2020 11:14:49 AM



#38
Carbon Tetrachloride
Concen: 49.608 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Tgt Ion	117	Resp	278577
Ion Ratio	Lower	Upper	
117	100		
119	98.0	76.0	114.0
121	30.7	25.4	38.2





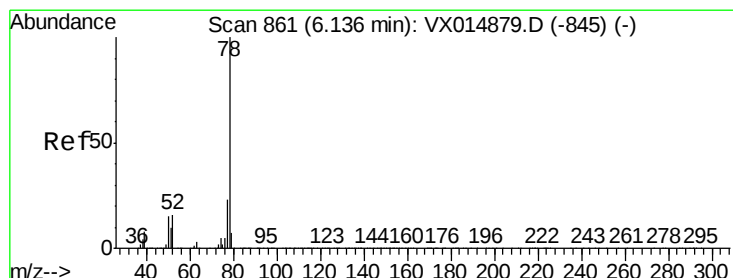
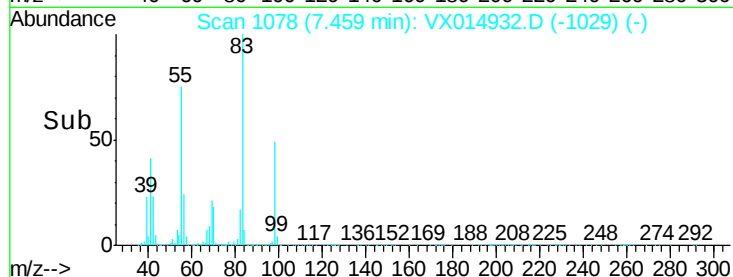
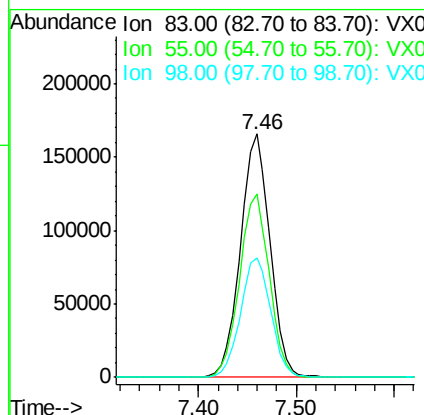
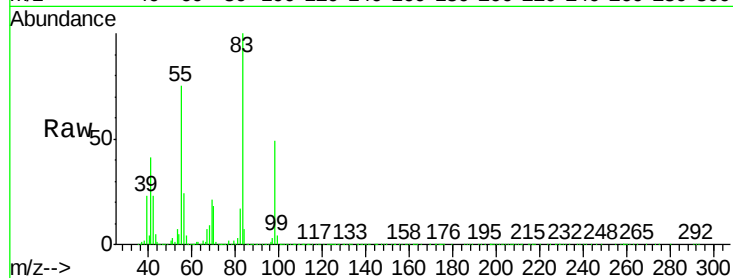
#39
Methvlcvclohexane
Concen: 48.010 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Instrument :
MSVOA_X
ClientSampleId :
SS052MW772-200211MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.1	60.0	90.0
98	48.9	39.6	59.4

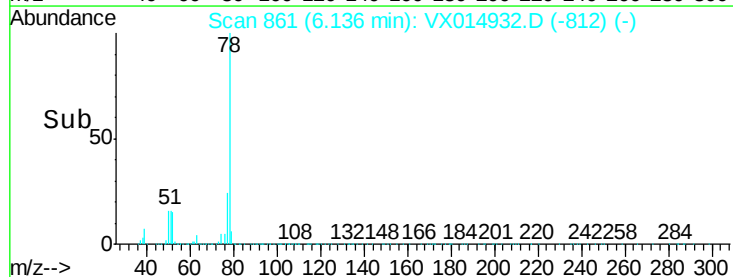
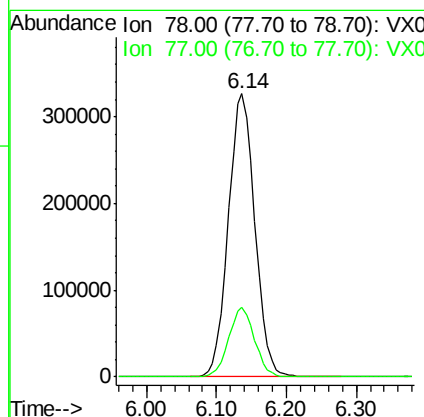
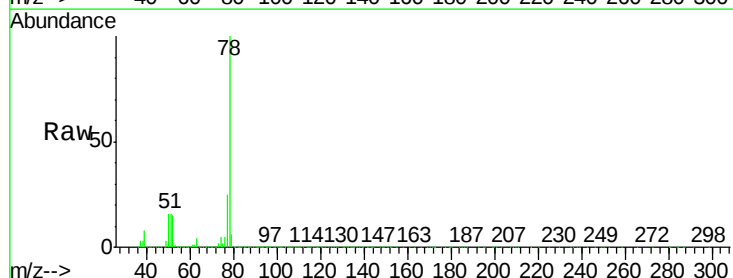
Manual Integrations
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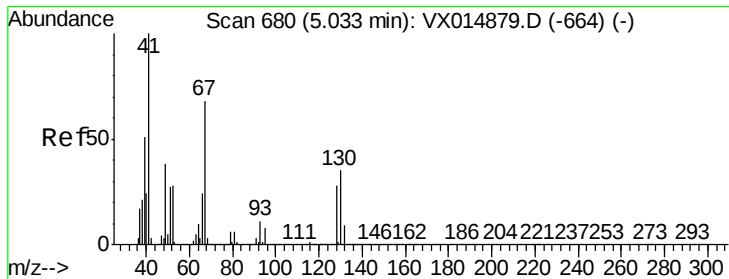
MMDadoda
2/13/2020 11:14:49 AM



#40
Benzene
Concen: 49.787 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	18.8	28.2





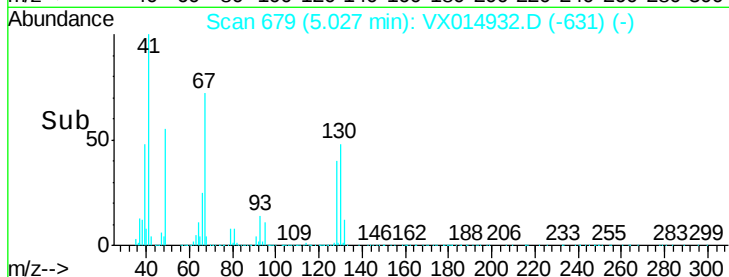
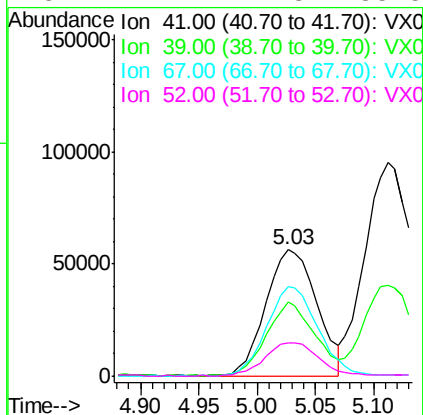
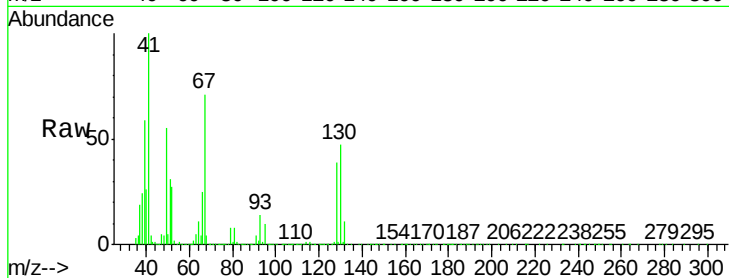
#41
Methacrylonitrile
Concen: 53.225 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Instrument :
MSVOA_X
ClientSampleId :
SS052MW772-200211MSD

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.8	44.7	67.1
67	69.7	56.6	84.8
52	27.4	22.3	33.5

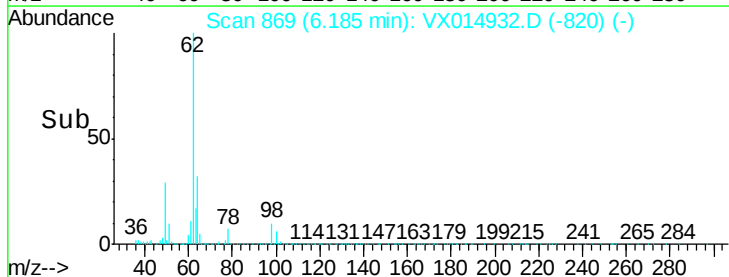
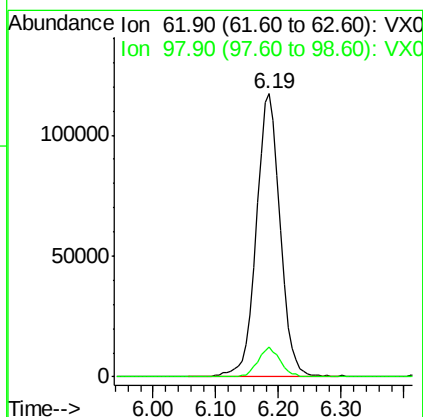
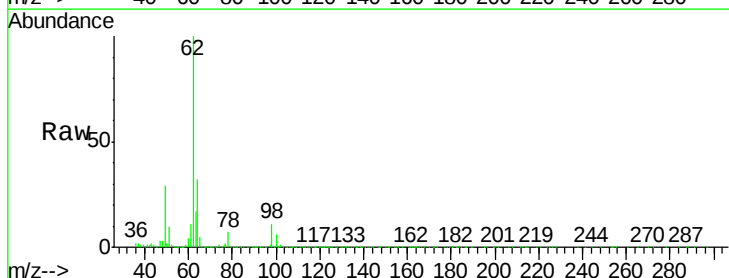
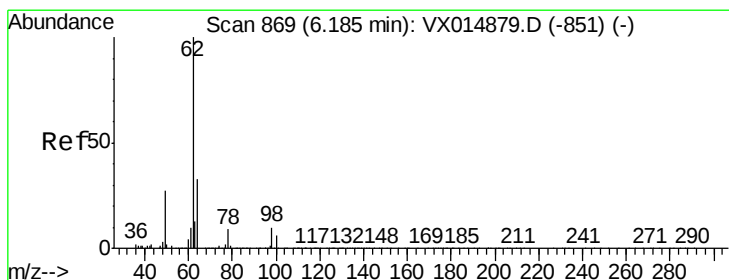
Manual Integrations
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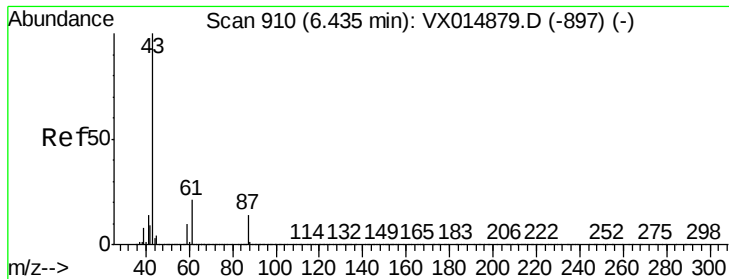
MMDadoda
2/13/2020 11:14:49 AM



#42
1,2-Dichloroethane
Concen: 49.480 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.2





#43

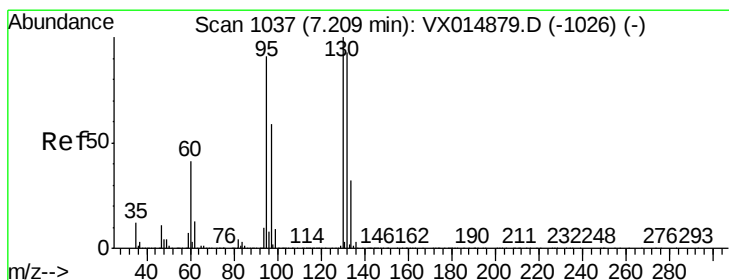
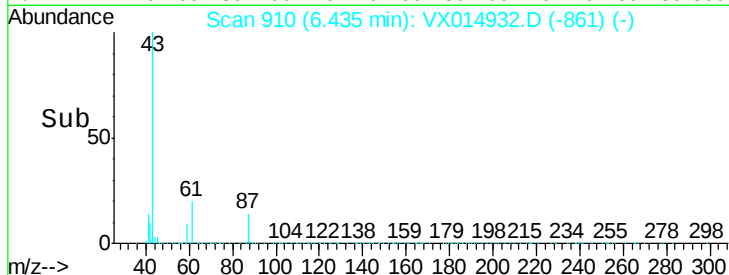
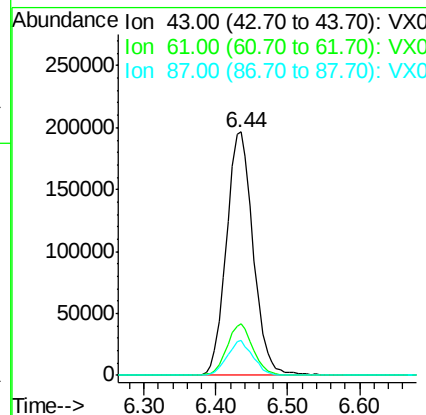
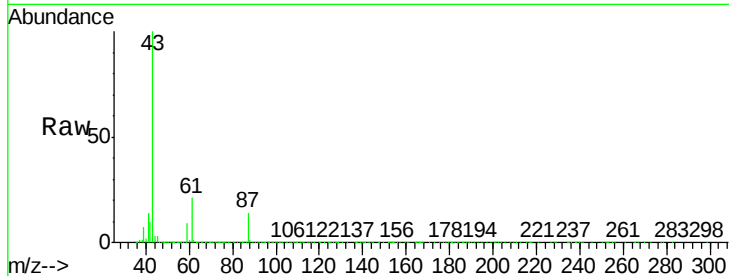
Isopropyl Acetate
 Concen: 50.946 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014932.D
 Acq: 12 Feb 2020 17:39

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW772-200211MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.2	24.4
87	13.9	11.0	16.6

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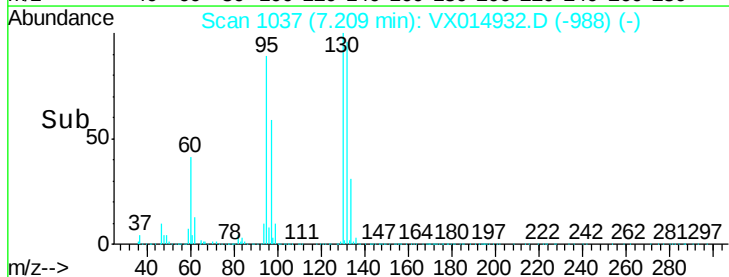
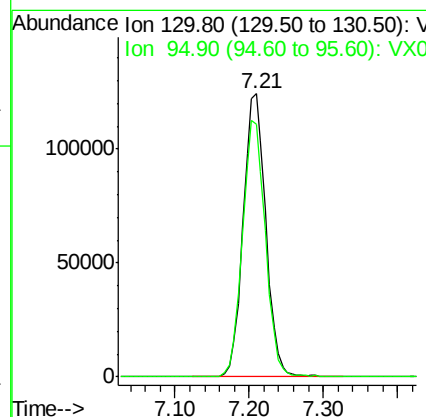
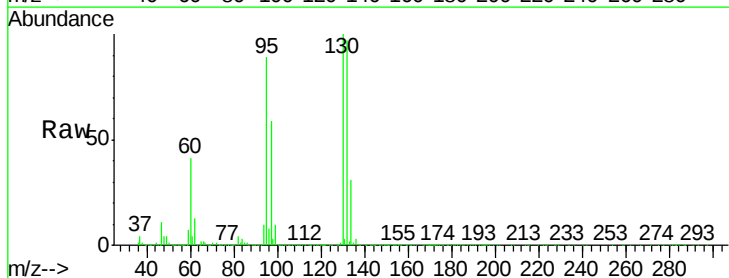
MMDadoda
 2/13/2020 11:14:49 AM

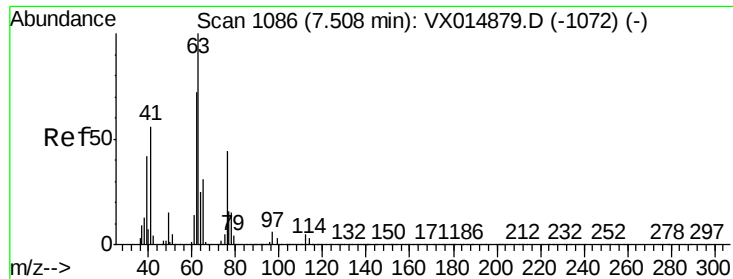


#44

Trichloroethene
 Concen: 53.145 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014932.D
 Acq: 12 Feb 2020 17:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.3	0.0	182.6





#45

1,2-Dichloropropane

Concen: 50.369 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

SS052MW772-200211MSD

Tot Ion: 63 Resp: 221165

Ion Ratio Lower Upper

63 100

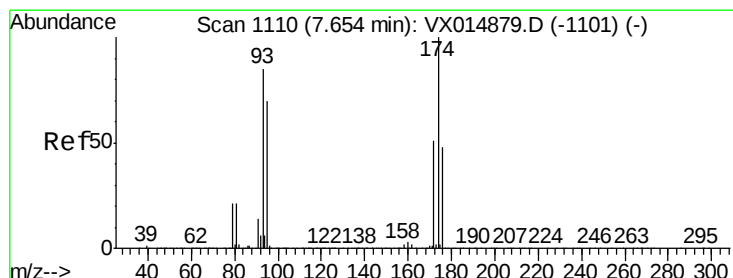
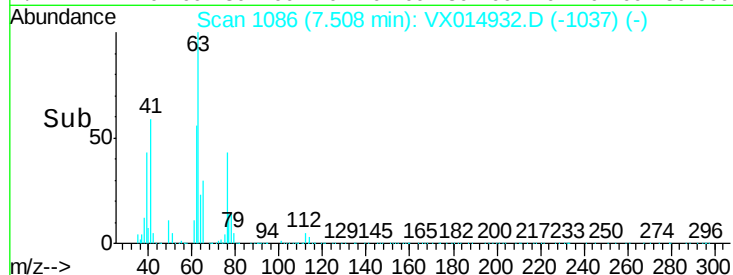
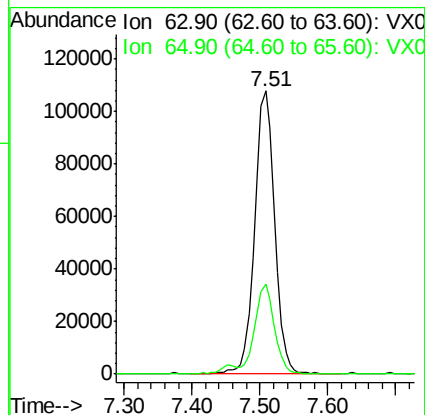
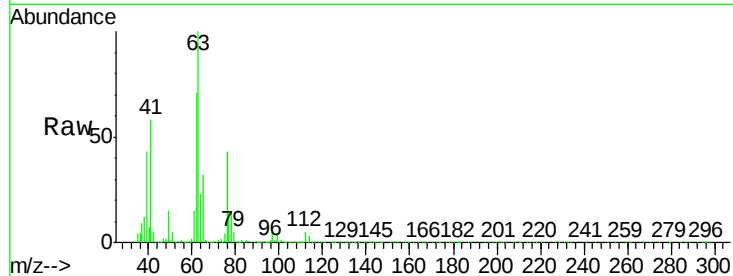
65 31.6 24.9 37.3

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#46

Dibromomethane

Concen: 49.833 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

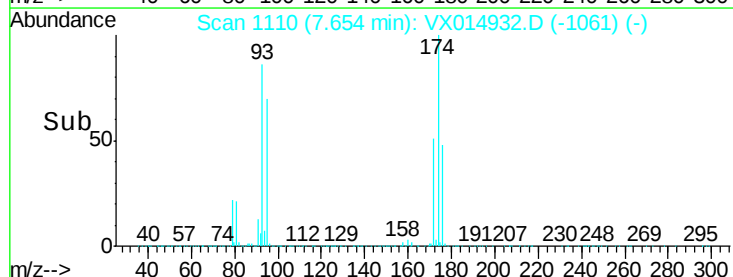
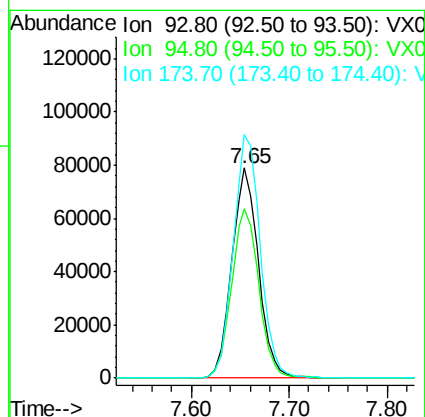
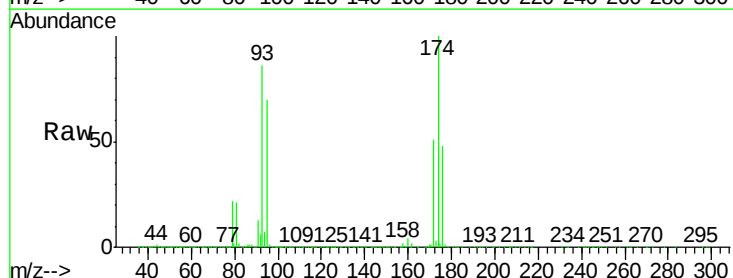
Tgt Ion: 93 Resp: 149568

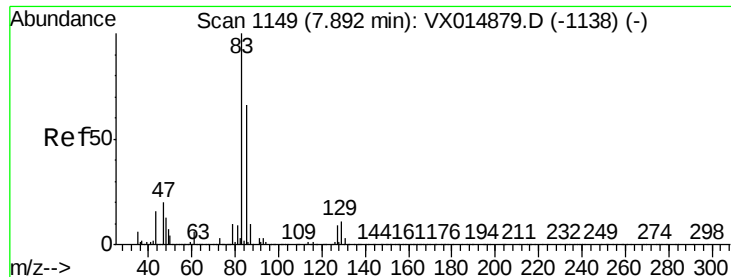
Ion Ratio Lower Upper

93 100

95 82.0 65.8 98.8

174 117.3 95.4 143.2





#47

Bromodichloromethane

Concen: 49.725 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Instrument :

MSVOA_X

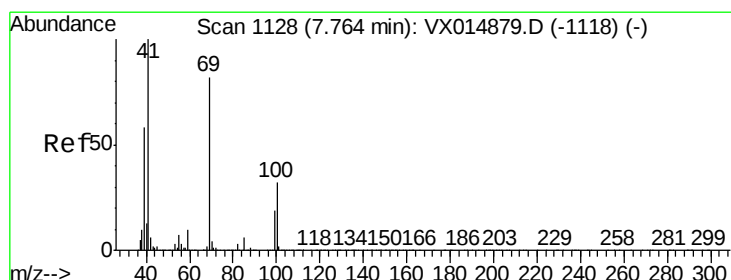
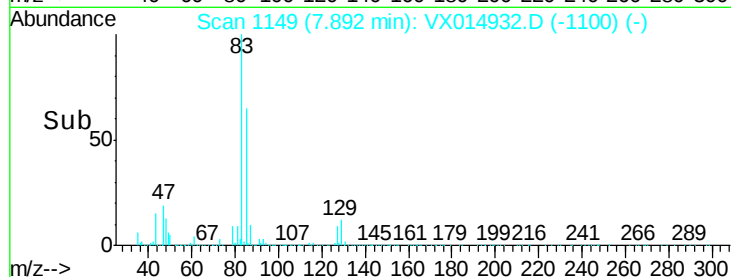
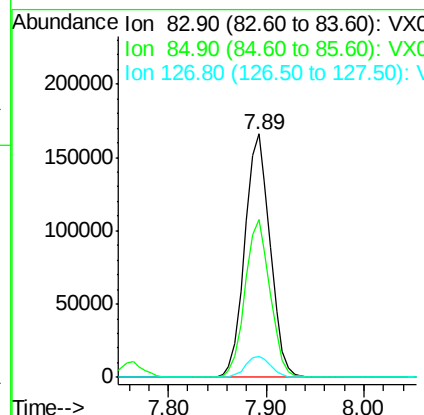
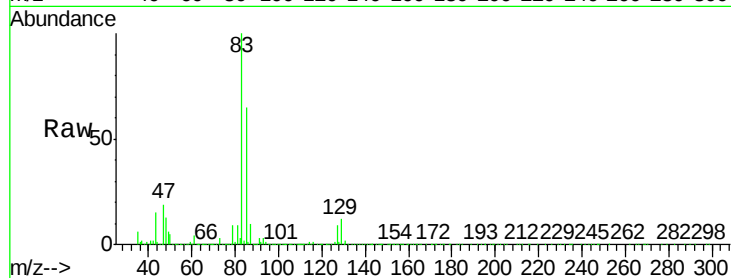
ClientSampleId :

SS052MW772-200211MSD

Tot Ion:	83	Resp:	295921
Ion Ratio	Lower	Upper	
83	100		
85	65.0	52.5	78.7
127	8.7	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.814 ug/l

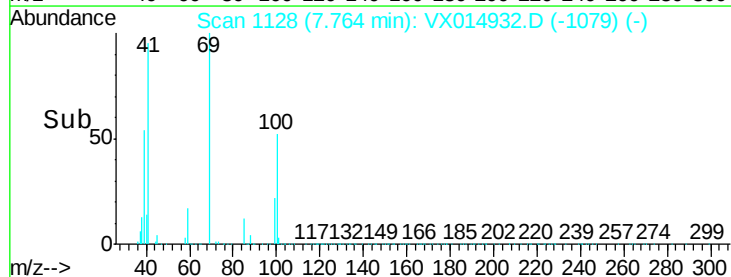
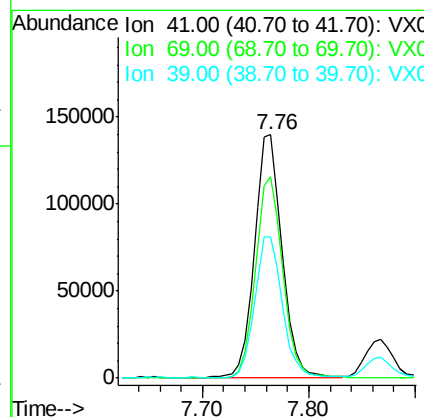
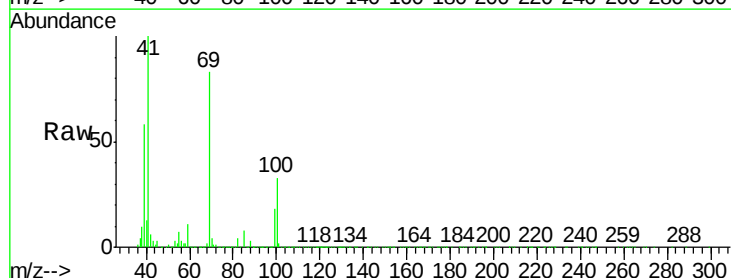
RT: 7.76 min Scan# 1128

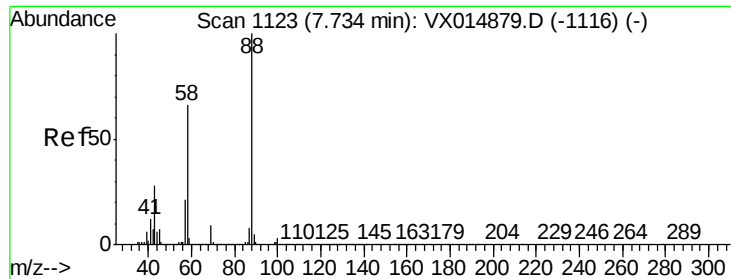
Delta R.T. 0.00 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Tgt Ion:	41	Resp:	252810
Ion Ratio	Lower	Upper	
41	100		
69	82.8	65.7	98.5
39	58.0	45.8	68.8





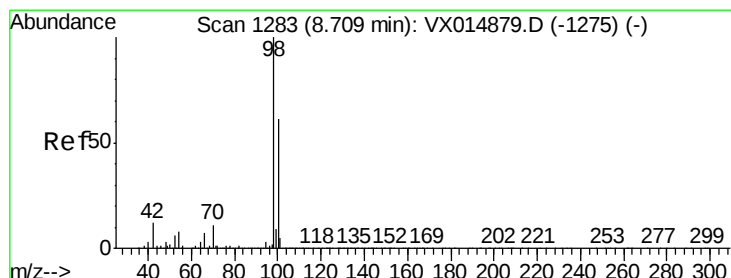
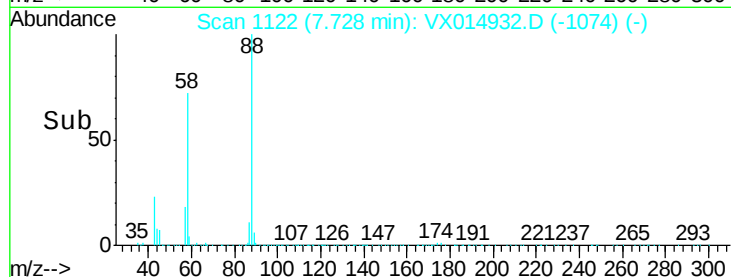
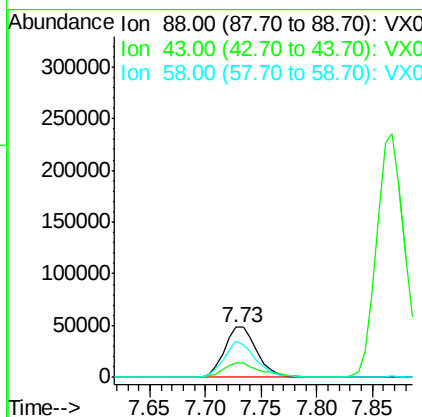
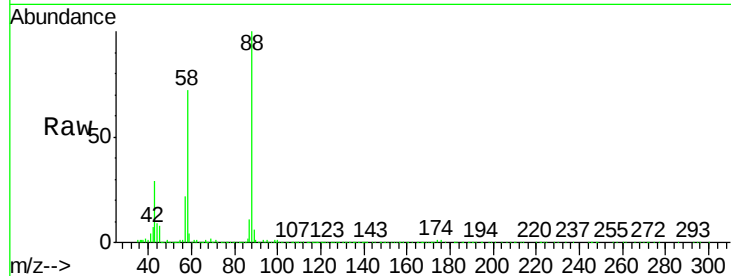
#49
1,4-Dioxane
Concen: 1065.205 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Instrument :
MSVOA_X
ClientSampleId :
SS052MW772-200211MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.5	27.0	40.4
58	71.0	53.2	79.8

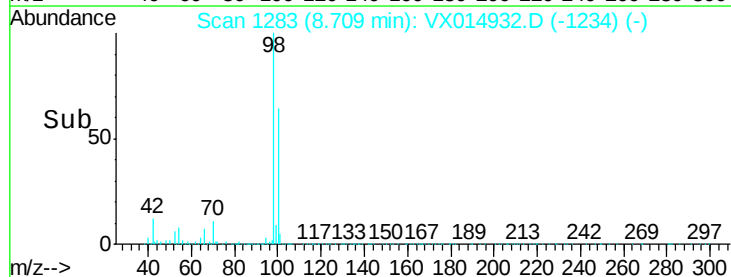
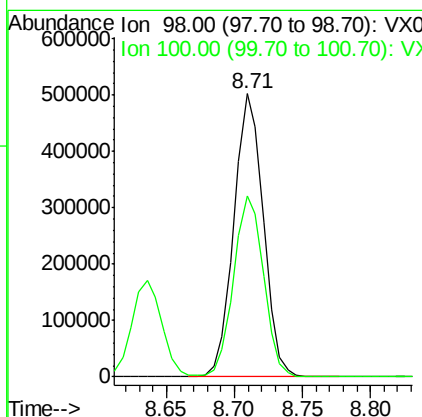
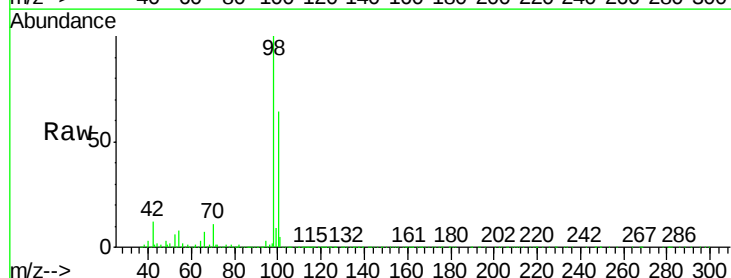
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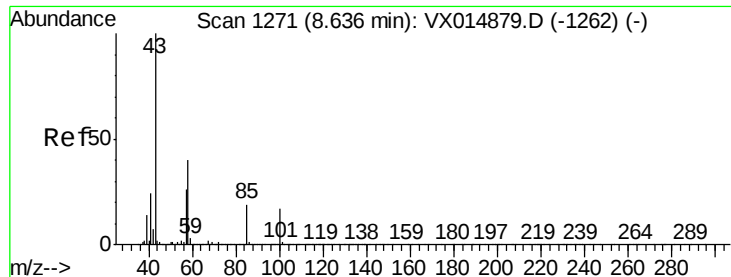
MMDadoda
2/13/2020 11:14:49 AM



#50
Toluene-d8
Concen: 49.933 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.4	78.6





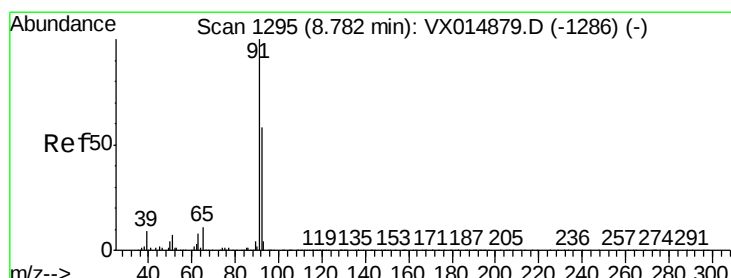
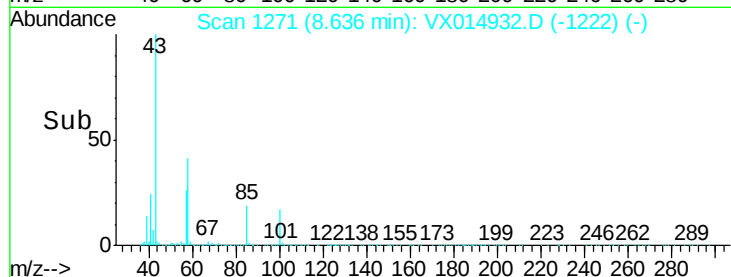
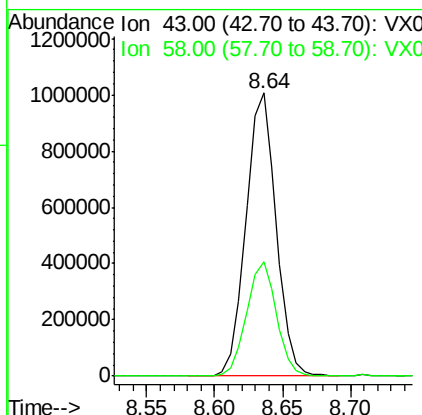
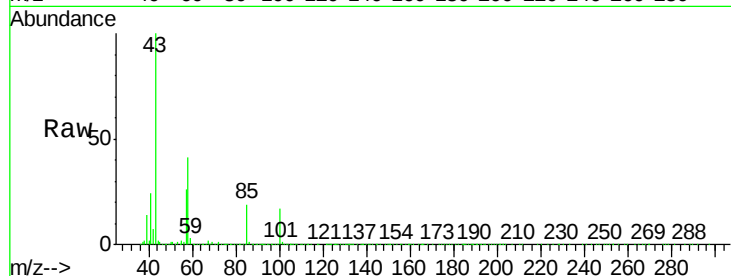
#51
4-Methyl-2-Pentanone
Concen: 260.858 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Instrument :
MSVOA_X
ClientSampleId :
SS052MW772-200211MSD

Tot Ion: 43 Resp: 1561631
Ion Ratio Lower Upper
43 100
58 40.1 31.9 47.9

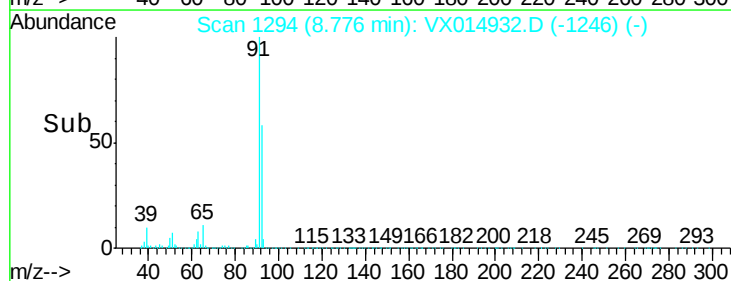
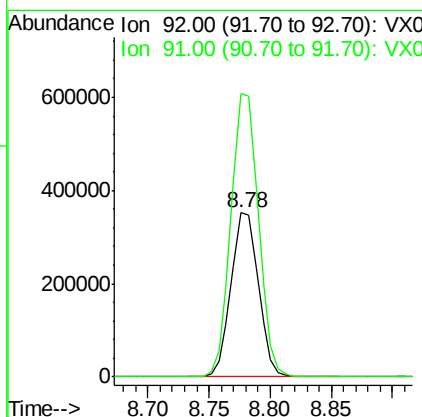
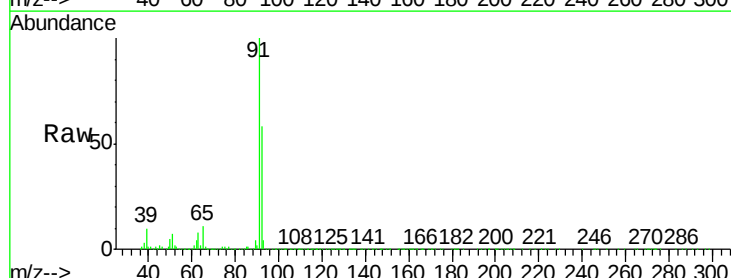
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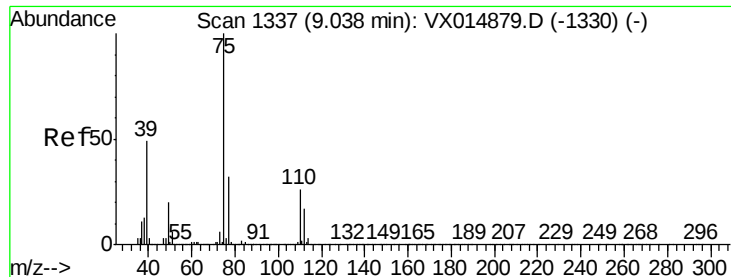
MMDadoda
2/13/2020 11:14:49 AM



#52
Toluene
Concen: 49.896 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Tgt Ion: 92 Resp: 545623
Ion Ratio Lower Upper
92 100
91 173.4 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 50.719 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

SS052MW772-200211MSD

Tot Ion: 75 Resp: 330792

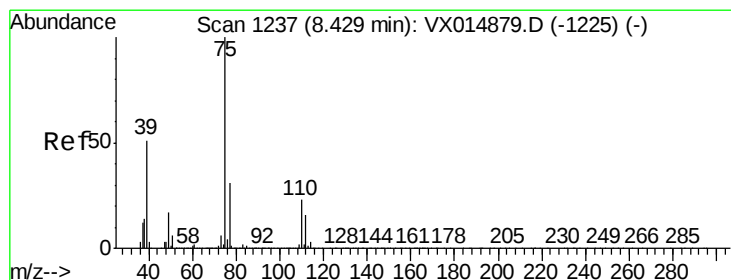
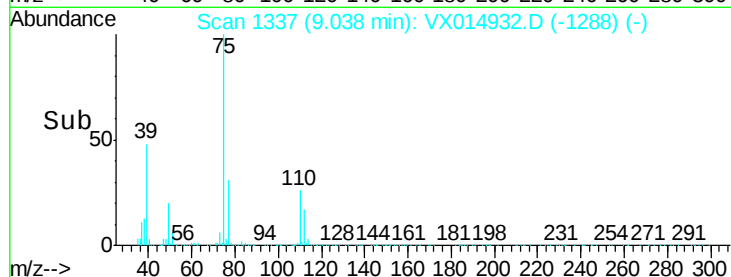
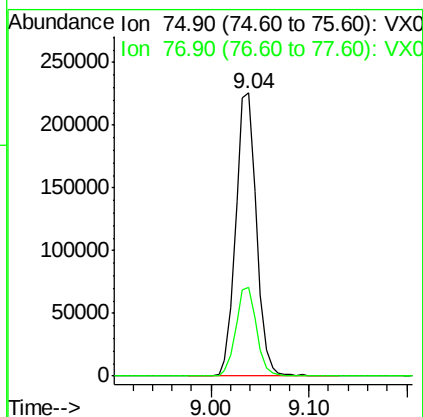
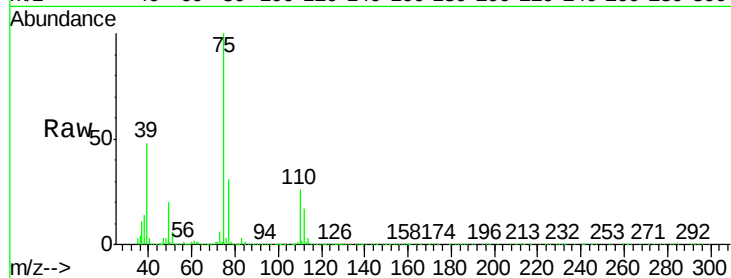
Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3

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#54

cis-1,3-Dichloropropene

Concen: 49.290 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

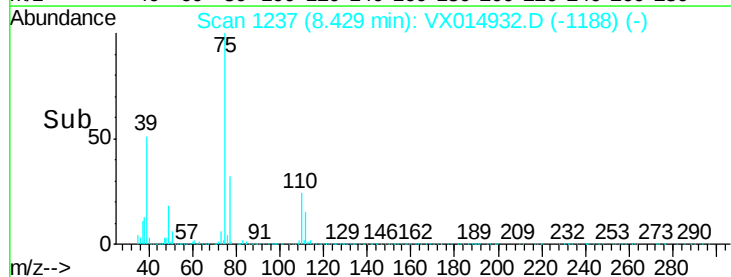
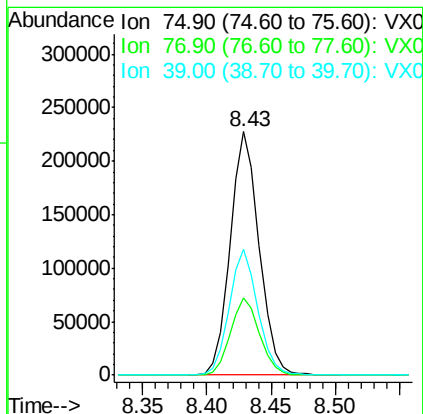
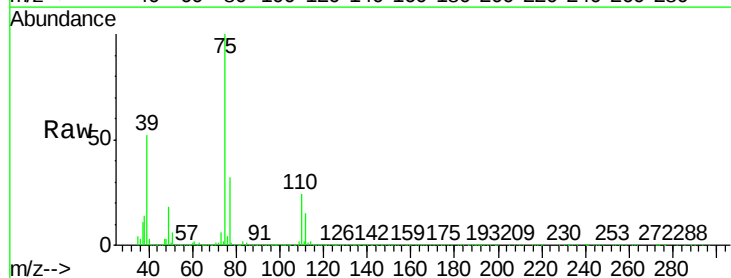
Tgt Ion: 75 Resp: 355133

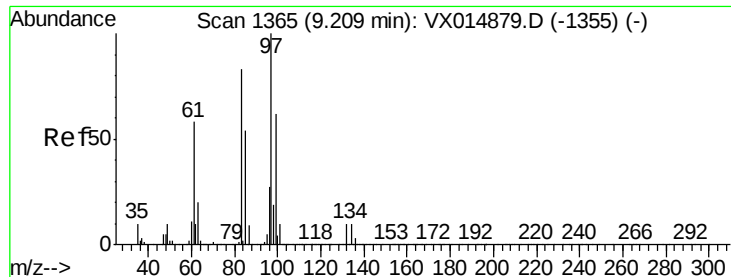
Ion Ratio Lower Upper

75 100

77 31.7 24.6 37.0

39 51.5 40.9 61.3





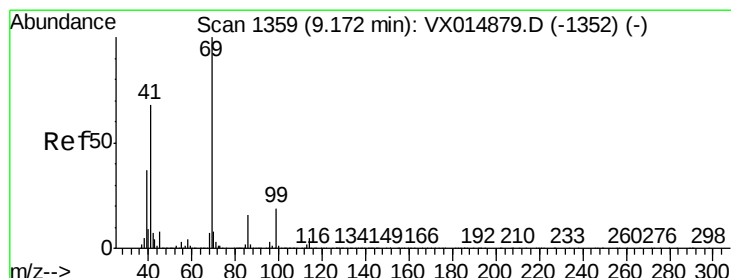
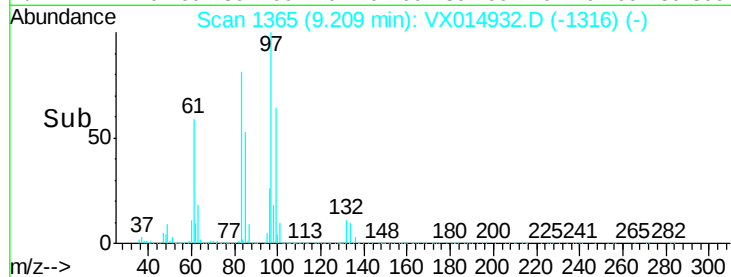
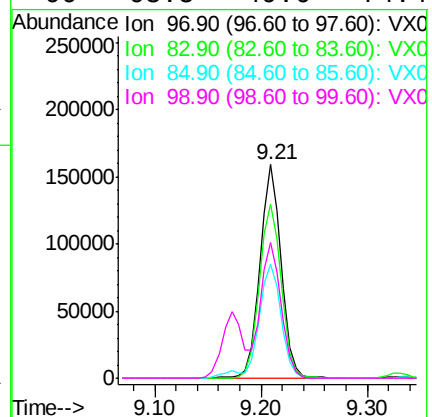
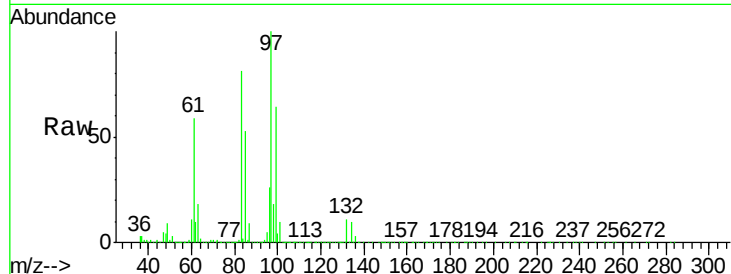
#55
 1,1,2-Trichloroethane
 Concen: 50.139 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014932.D
 Acq: 12 Feb 2020 17:39

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW772-200211MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		221825		
83	81.3	66.6	99.8		
85	53.4	43.5	65.3		
99	63.5	49.6	74.4		

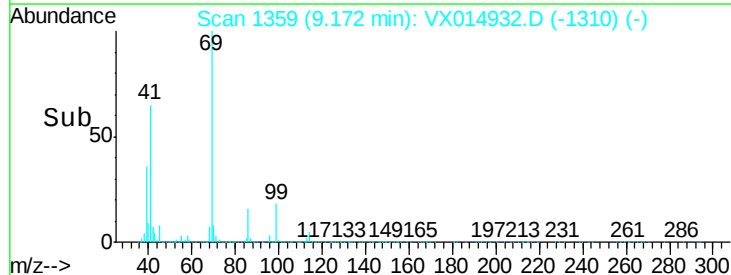
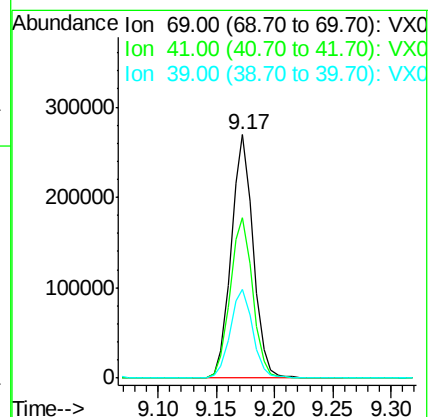
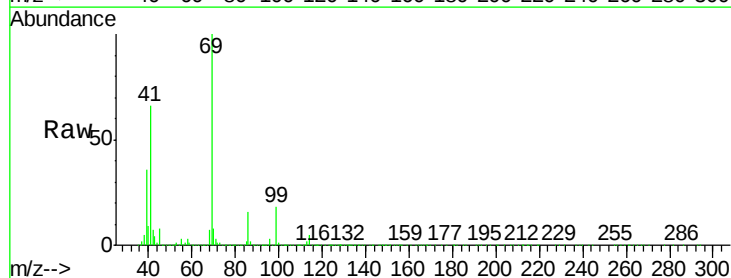
Manual Integrations
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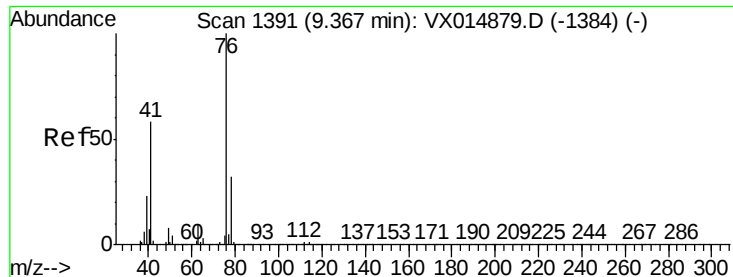
MMDadoda
 2/13/2020 11:14:49 AM



#56
 Ethyl methacrylate
 Concen: 53.029 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014932.D
 Acq: 12 Feb 2020 17:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		352637		
41	67.5	54.8	82.2		
39	37.4	29.9	44.9		





#57

1,3-Dichloropropane

Concen: 50.371 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

SS052MW772-200211MSD

Tot Ion: 76 Resp: 375127

Ion Ratio Lower Upper

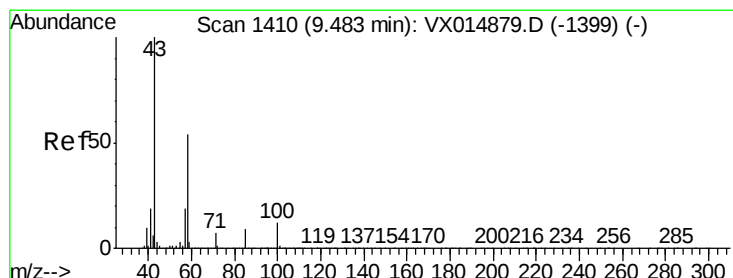
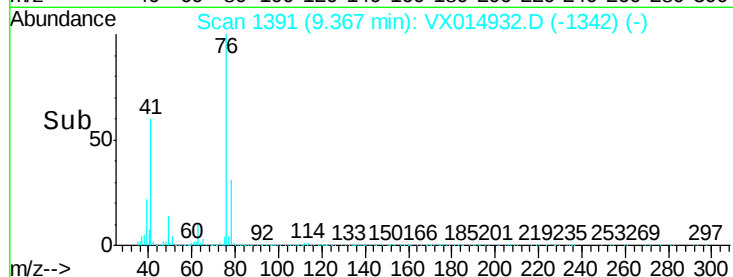
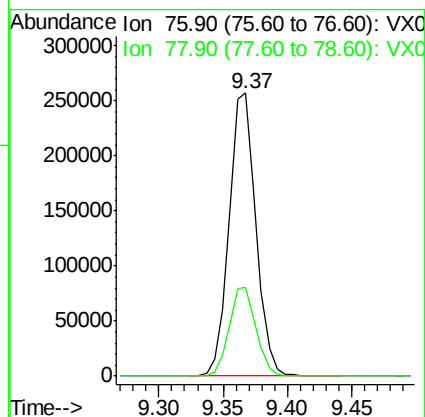
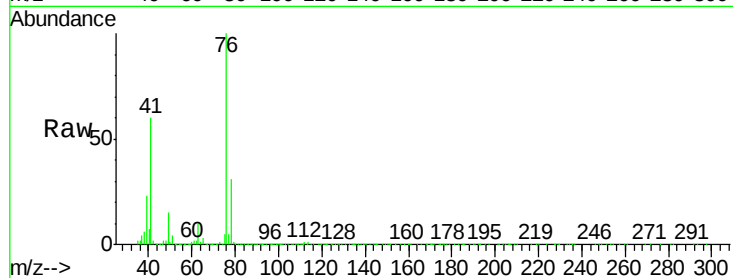
76 100

78 31.6 25.8 38.8

Manual Integrations
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2/13/2020 11:14:49 AM



#59

2-Hexanone

Concen: 251.500 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX014932.D

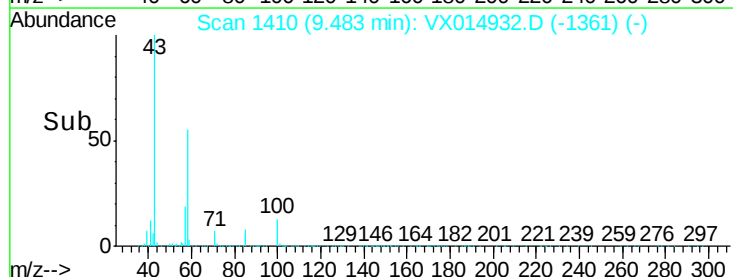
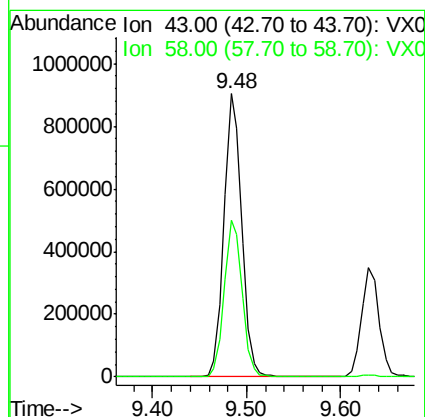
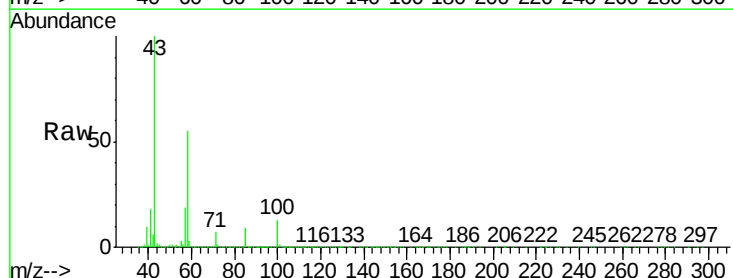
Acq: 12 Feb 2020 17:39

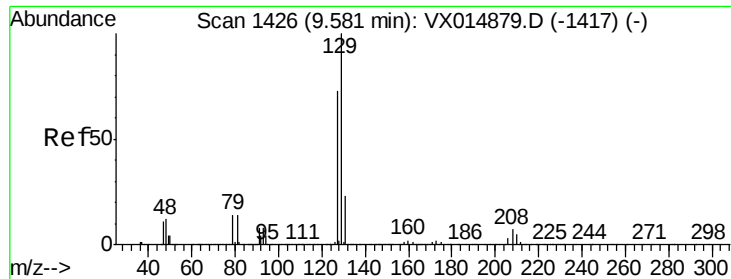
Tgt Ion: 43 Resp: 1183427

Ion Ratio Lower Upper

43 100

58 55.7 27.5 82.5





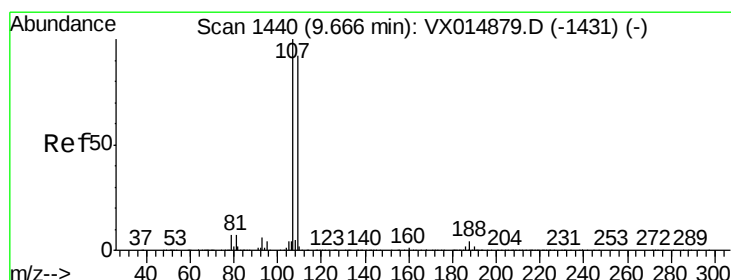
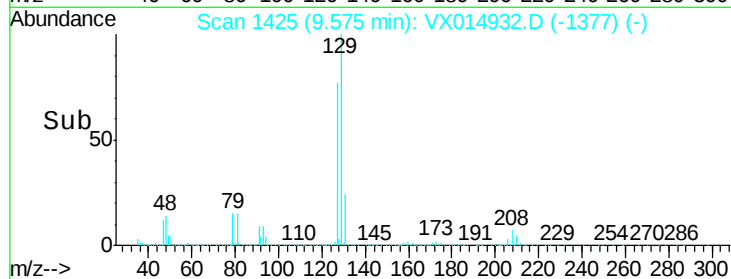
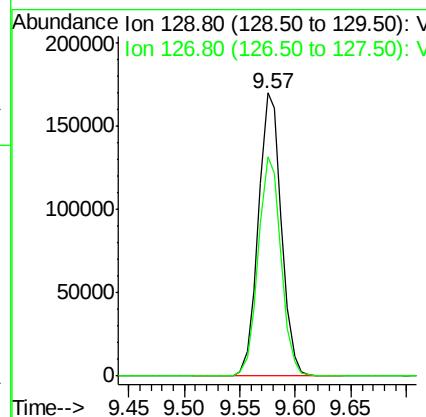
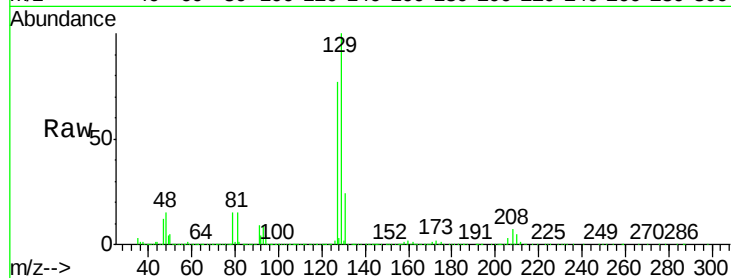
#60
Dibromochloromethane
Concen: 51.281 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Instrument :
MSVOA_X
ClientSampleId :
SS052MW772-200211MSD

Tot Ion	Ratio	Lower	Upper
129	100		
127	76.8	37.8	113.3

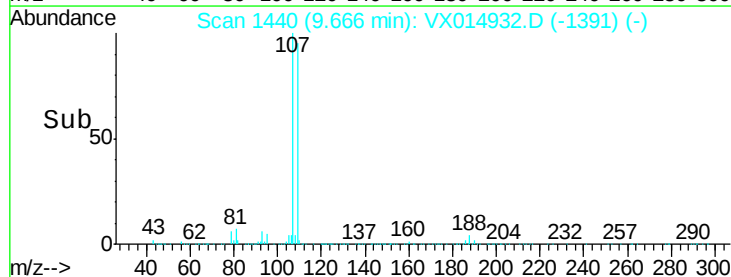
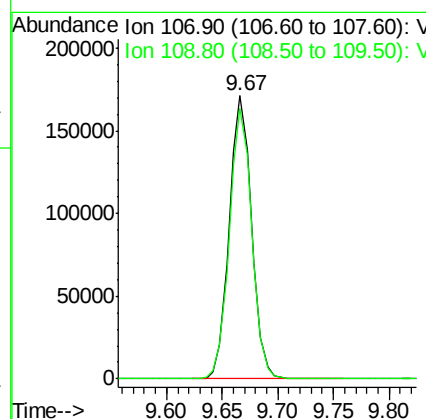
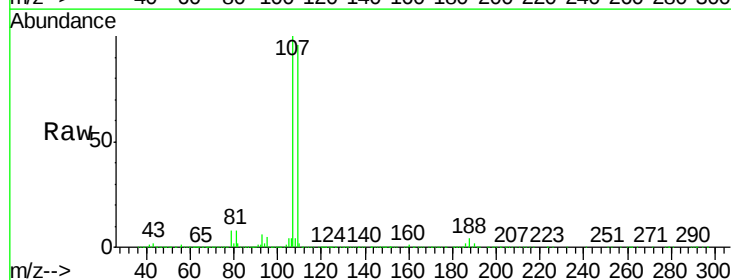
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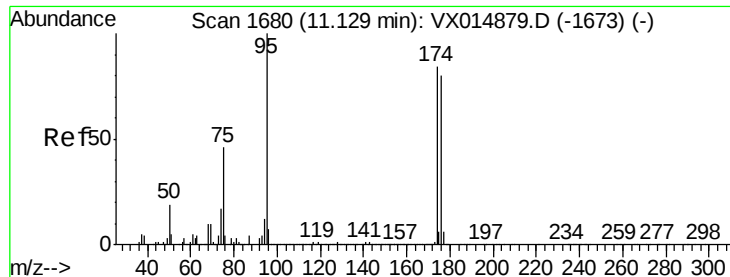
MMDadoda
2/13/2020 11:14:49 AM



#61
1,2-Dibromoethane
Concen: 49.734 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Tgt Ion	Ratio	Lower	Upper
107	100		
109	96.0	75.6	113.4





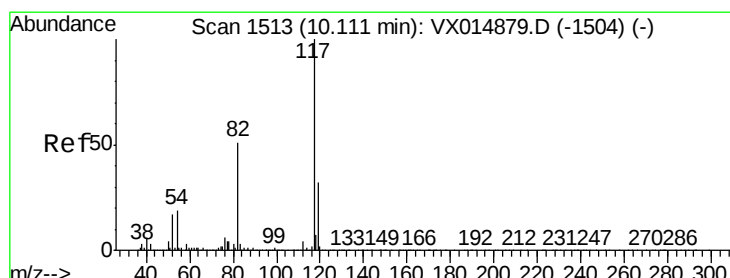
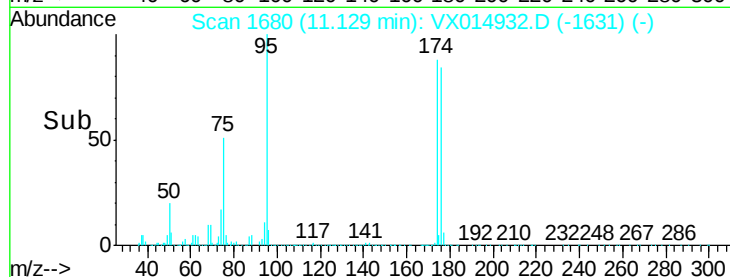
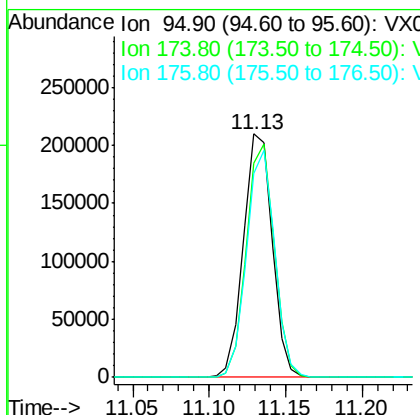
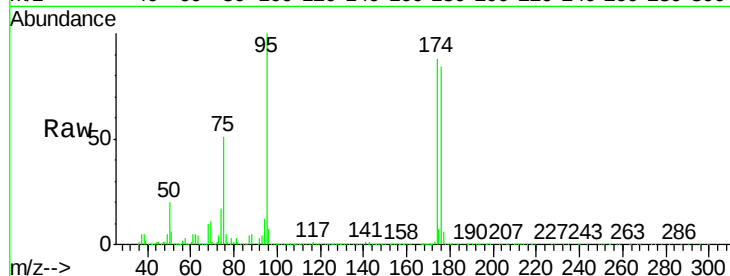
#62
4-Bromofluorobenzene
Concen: 50.644 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Instrument :
MSVOA_X
ClientSampleId :
SS052MW772-200211MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	275779		
174	93.3	0.0	183.0	
176	91.1	0.0	178.0	

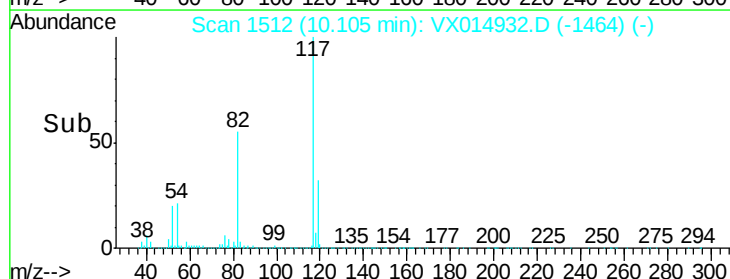
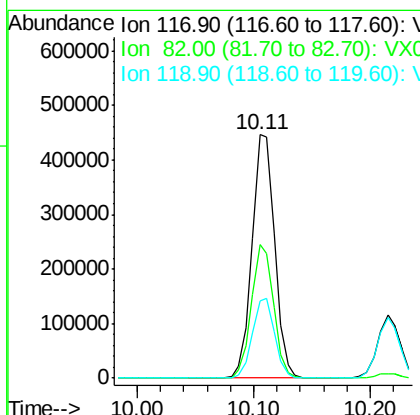
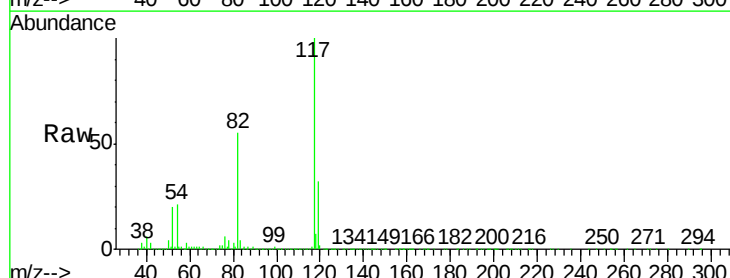
Manual Integrations
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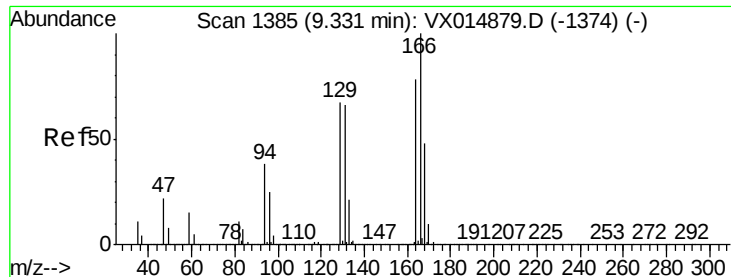
MMDadoda
2/13/2020 11:14:49 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	607724		
82	54.7	40.5	60.7	
119	31.7	25.8	38.6	





#64

Tetrachloroethene

Concen: 42.535 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Instrument :

MSVOA_X

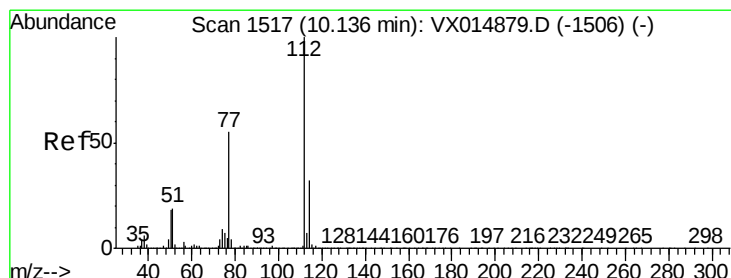
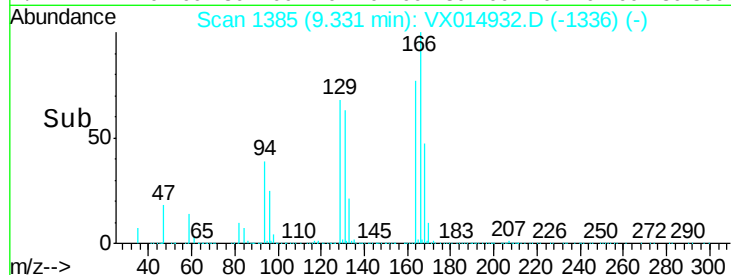
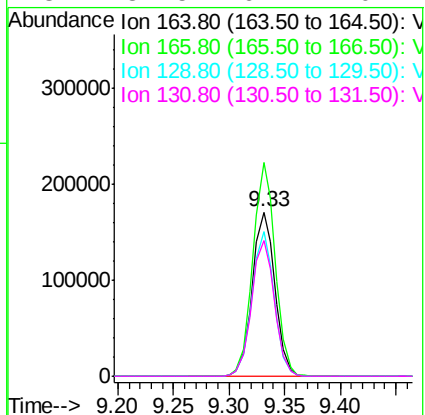
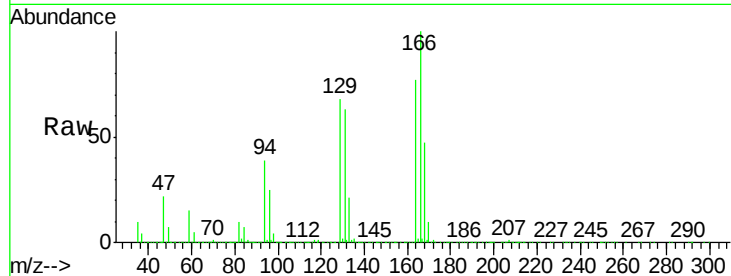
ClientSampleId :

SS052MW772-200211MSD

Tot Ion:	164	Resp:	241683
Ion Ratio	Lower	Upper	
164	100		
166	129.9	102.6	153.8
129	88.3	68.3	102.5
131	82.5	67.4	101.2

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#65

Chlorobenzene

Concen: 48.457 ug/l

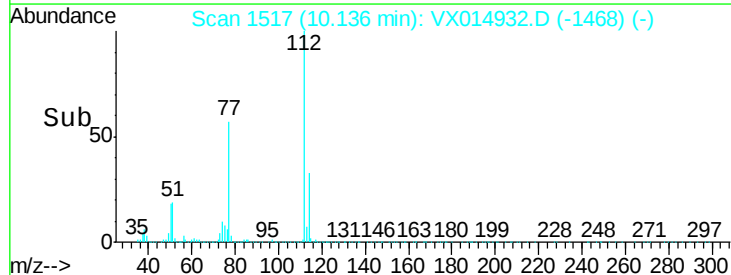
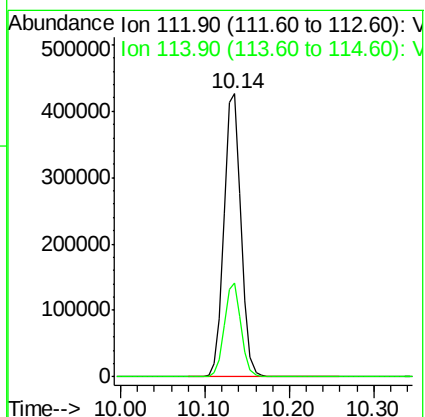
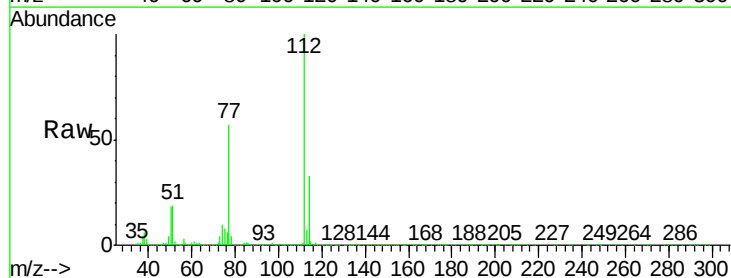
RT: 10.14 min Scan# 1517

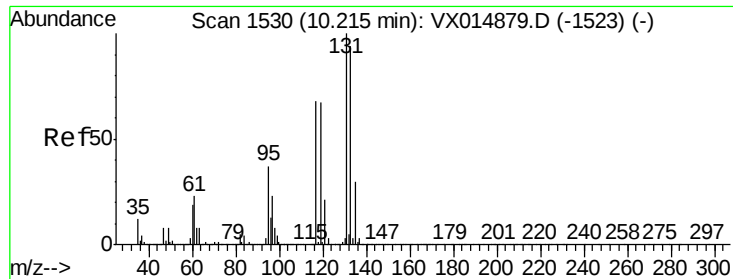
Delta R.T. 0.00 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Tgt Ion:	112	Resp:	597288
Ion Ratio	Lower	Upper	
112	100		
114	32.9	25.6	38.4





#66

1,1,1,2-Tetrachloroethane

Concen: 50.070 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Instrument :

MSVOA_X

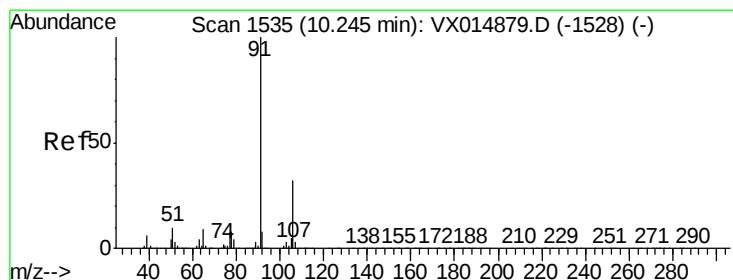
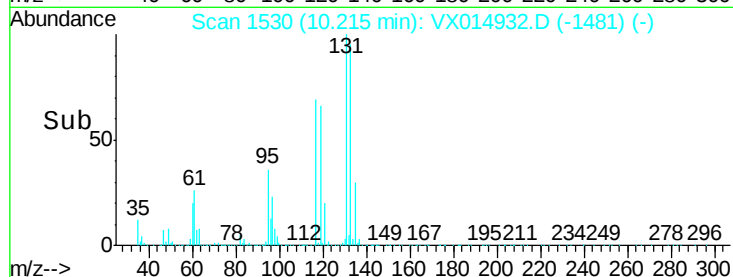
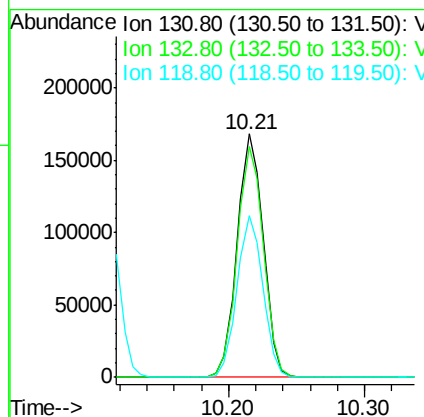
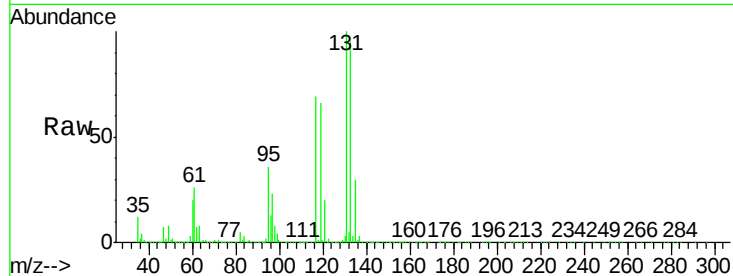
ClientSampleId :

SS052MW772-200211MSD

Tot Ion	Ratio	Resp	Lower	Upper
131	100	224064		
133	95.9	48.1	144.4	
119	66.2	33.0	99.0	

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#67

Ethyl Benzene

Concen: 50.291 ug/l

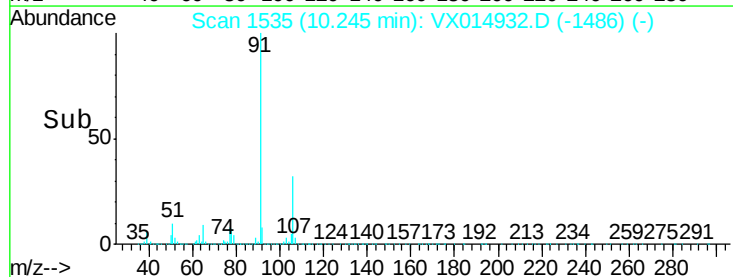
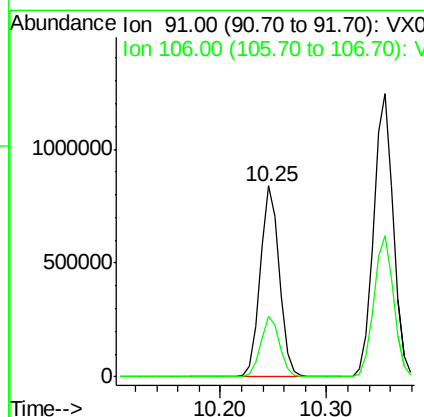
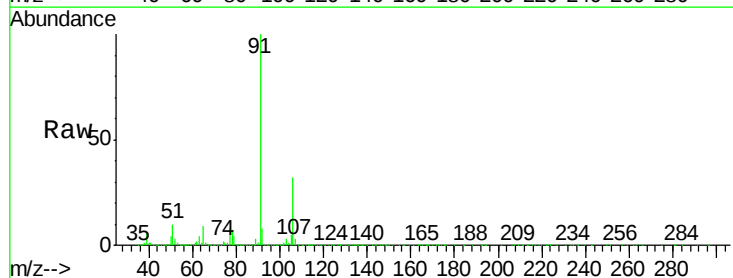
RT: 10.25 min Scan# 1535

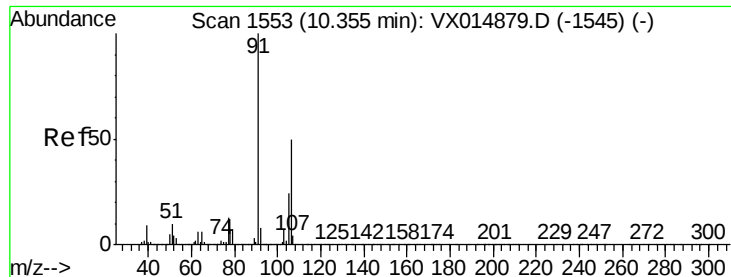
Delta R.T. 0.00 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1054263		
106	31.6	25.3	37.9	





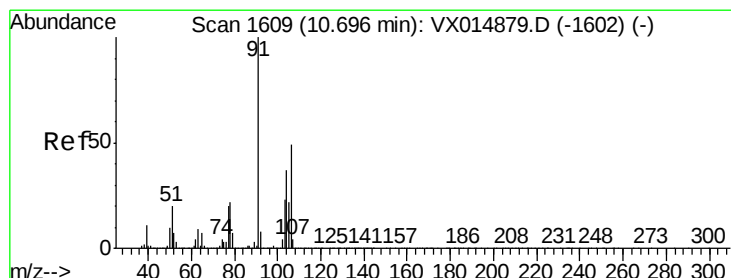
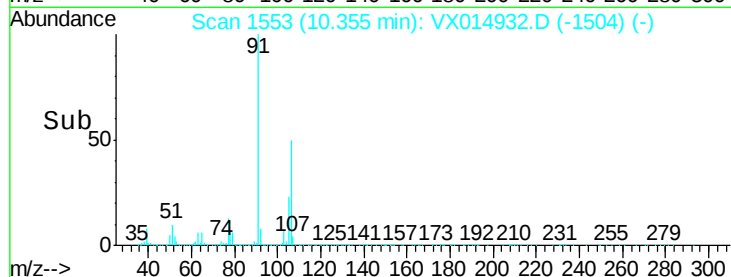
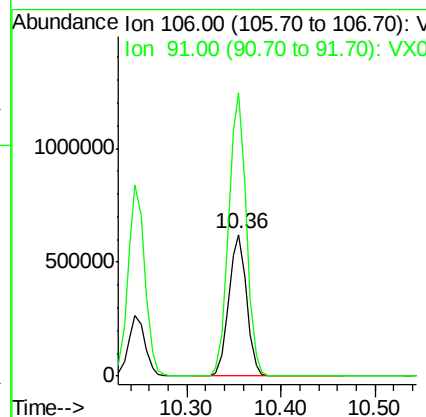
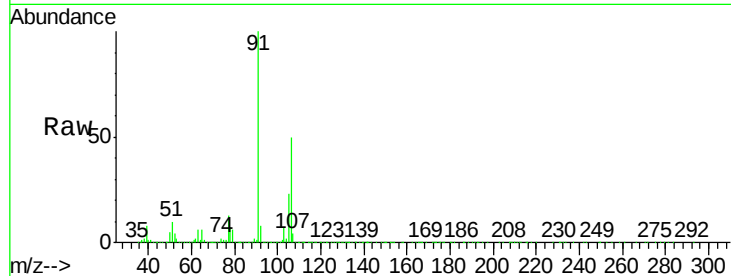
#68
m/p-Xvlenes
Concen: 100.098 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Instrument :
MSVOA_X
ClientSampleId :
SS052MW772-200211MSD

Tot Ion	Ratio	Resp	Lower	Upper
106	100	808361		
91	198.8	160.6	240.8	

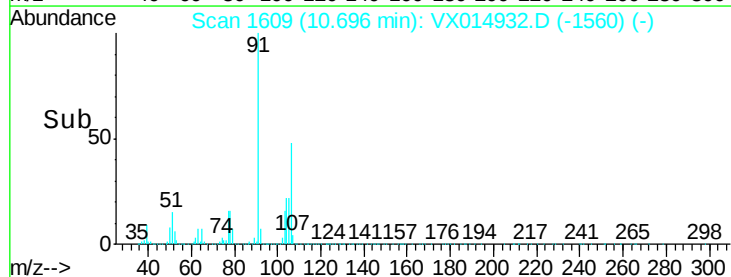
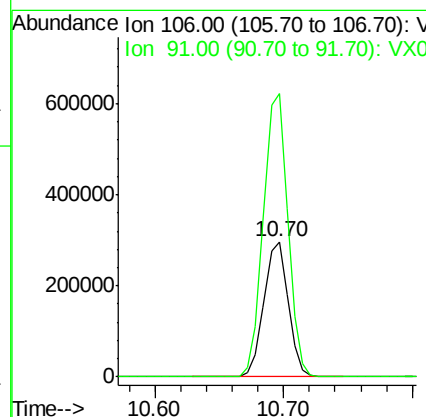
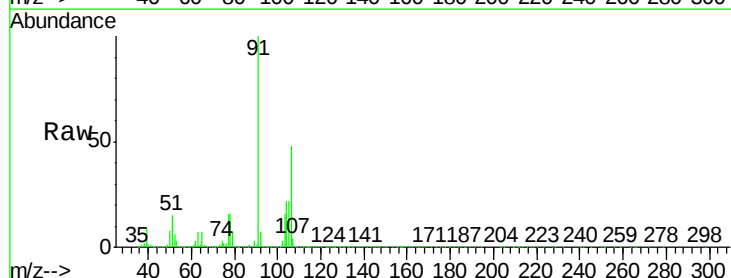
Manual Integrations
APPROVED

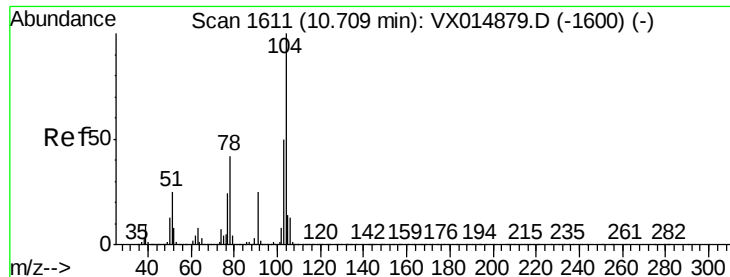
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#69
o-Xylene
Concen: 49.596 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	385012		
91	212.1	105.1	315.3	





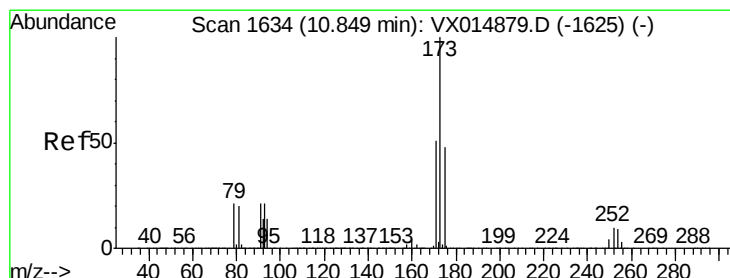
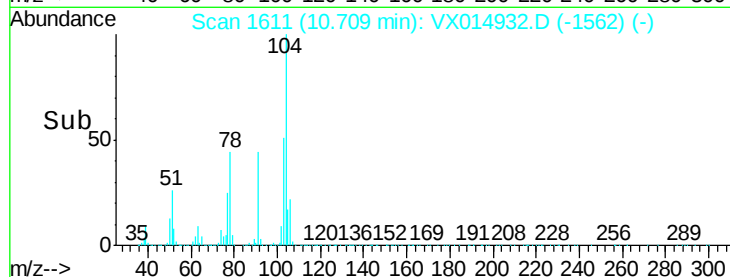
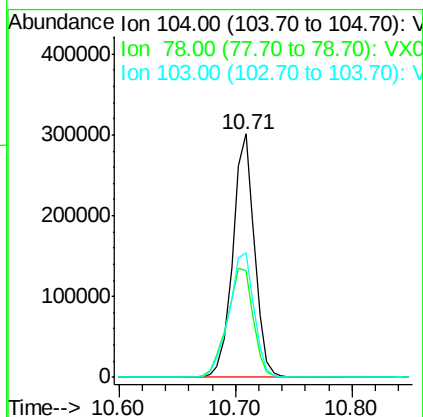
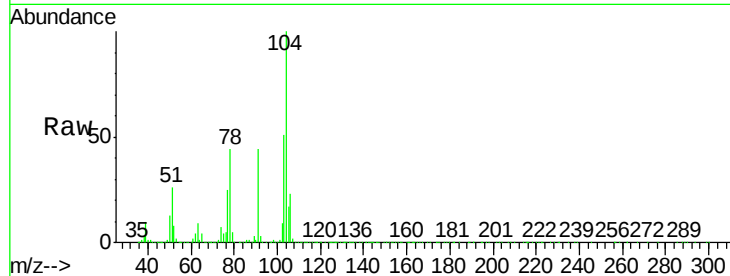
#70
Stvrene
Concen: 29.647 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Instrument :
MSVOA_X
ClientSampleId :
SS052MW772-200211MSD

Tot Ion	Ratio	Resp	Lower	Upper
104	100	389345		
78	53.8	39.0	58.4	
103	59.5	43.4	65.0	

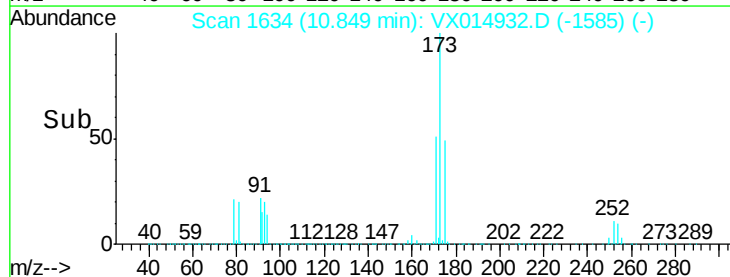
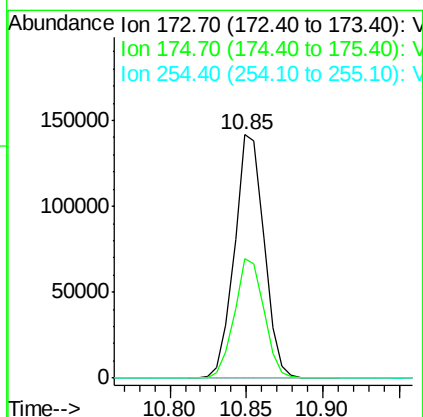
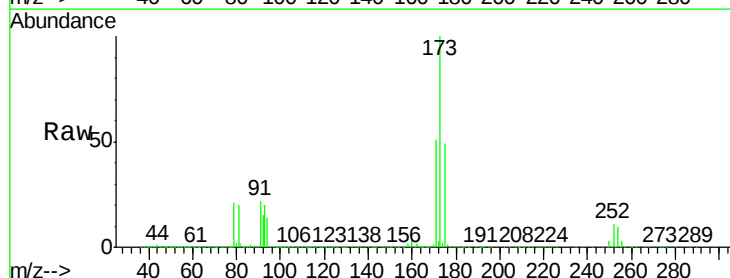
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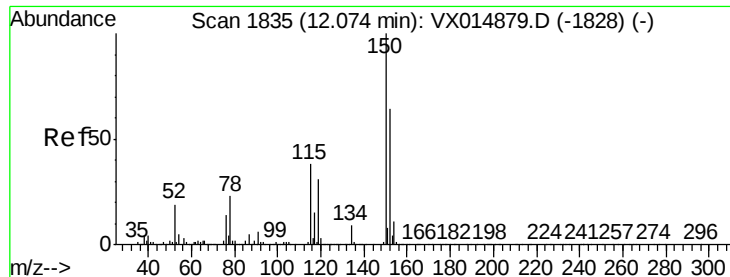
MMDadoda
2/13/2020 11:14:49 AM



#71
Bromoform
Concen: 50.873 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	190025		
175	49.0	24.2	72.6	
254	0.3	0.2	0.2#	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Instrument :

MSVOA_X

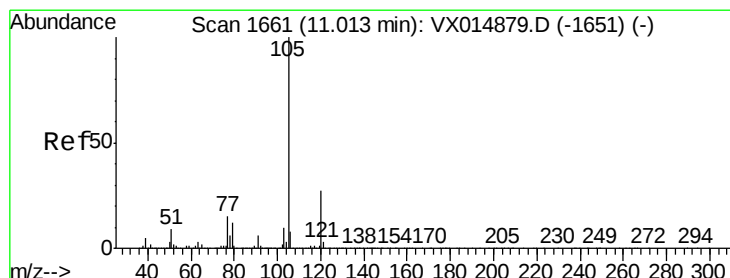
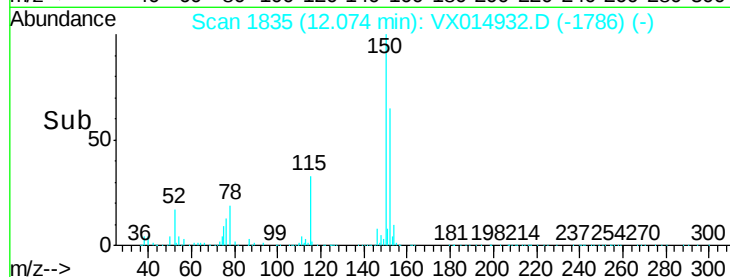
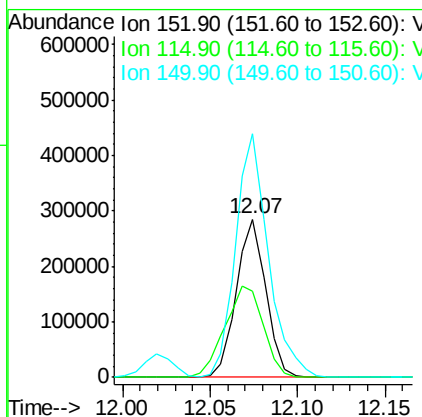
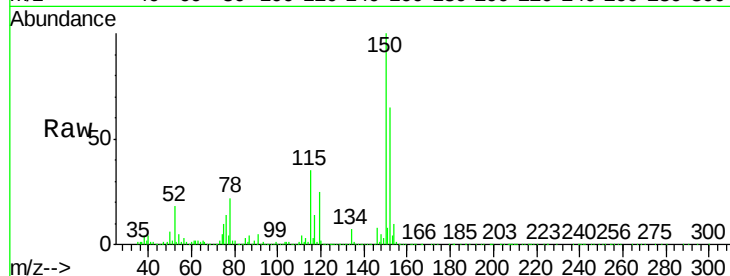
ClientSampleId :

SS052MW772-200211MSD

Tot Ion:	152	Resp:	334021
Ion Ratio	Lower	Upper	
152	100		
115	74.9	38.6	116.0
150	170.7	0.0	349.0

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#73

Isopropylbenzene

Concen: 49.716 ug/l

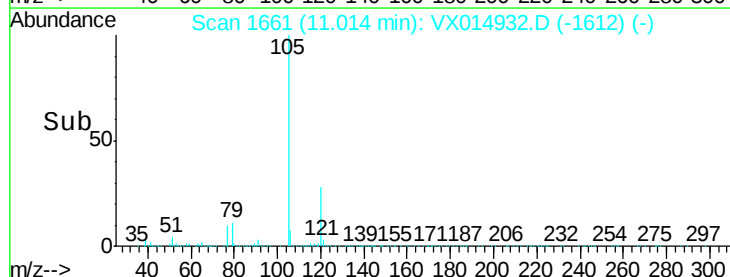
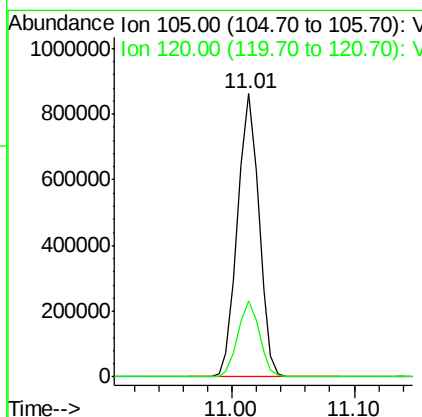
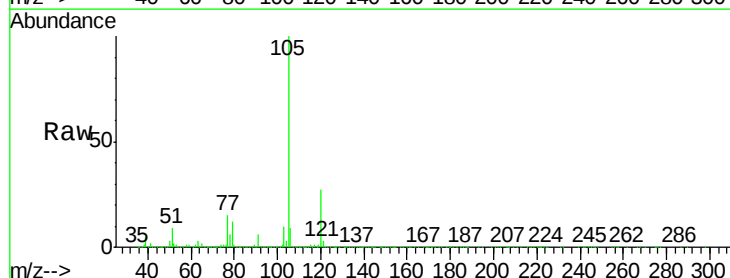
RT: 11.01 min Scan# 1661

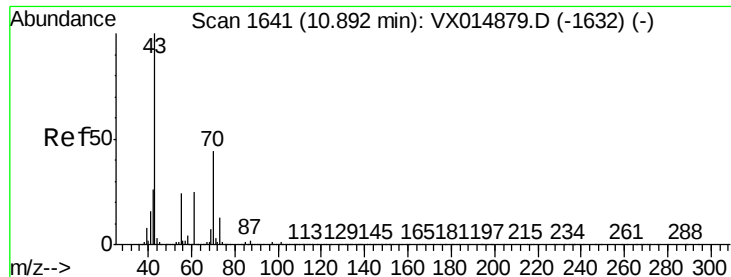
Delta R.T. 0.00 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Tgt Ion:	105	Resp:	1041393
Ion Ratio	Lower	Upper	
105	100		
120	27.0	13.6	40.8





#74

N-amvl acetate

Concen: 51.023 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Instrument :

MSVOA_X

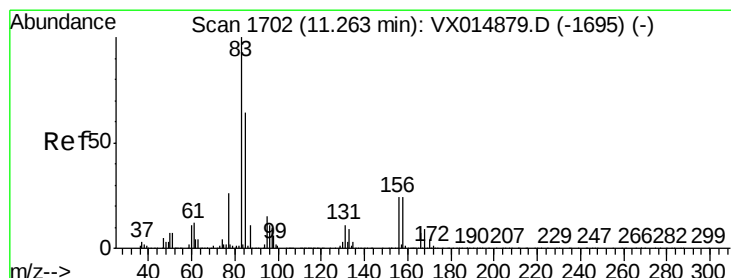
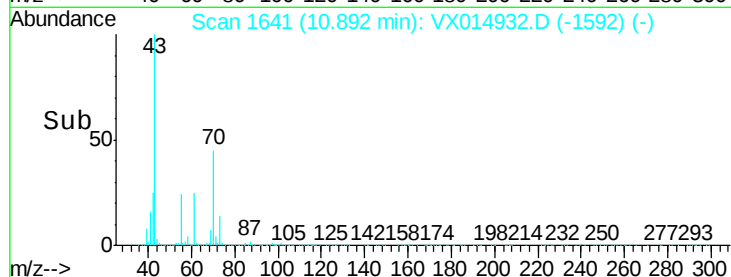
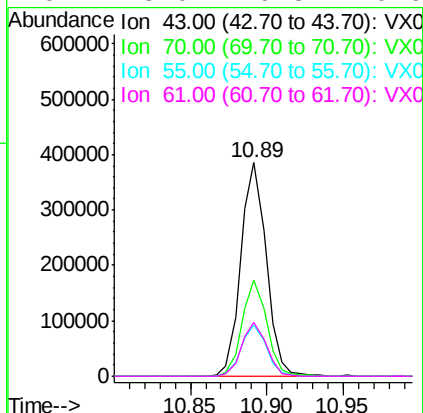
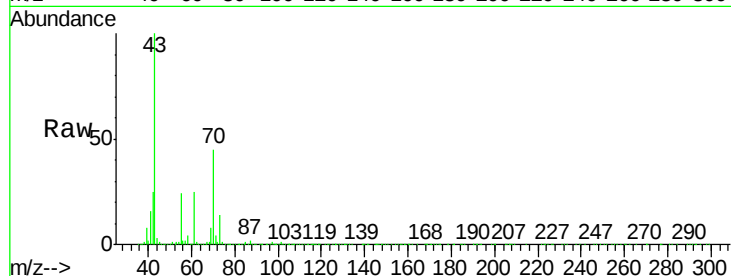
ClientSampleId :

SS052MW772-200211MSD

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	44.3	35.0	52.4	
55	23.9	19.4	29.2	
61	25.0	19.8	29.6	

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#75

1,1,2,2-Tetrachloroethane

Concen: 49.183 ug/l

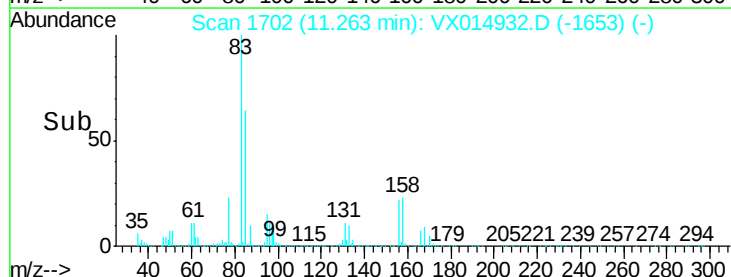
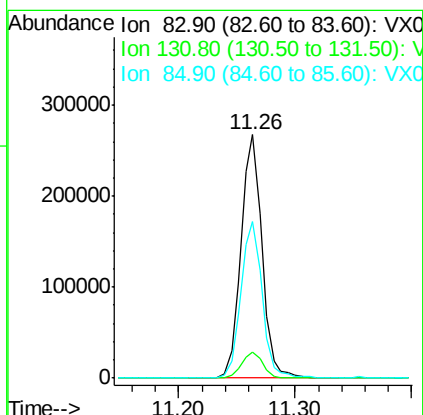
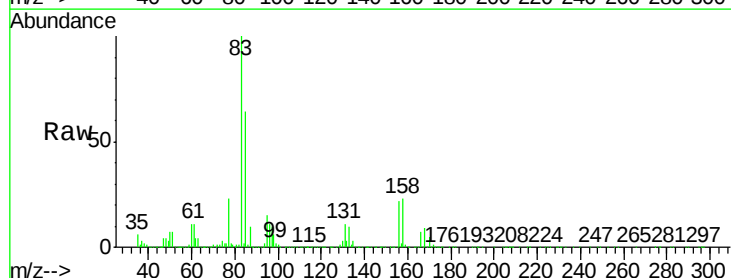
RT: 11.26 min Scan# 1702

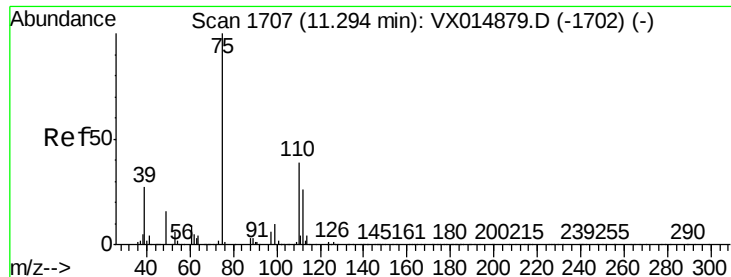
Delta R.T. 0.00 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	10.7	5.3	16.1	
85	65.2	32.6	97.7	





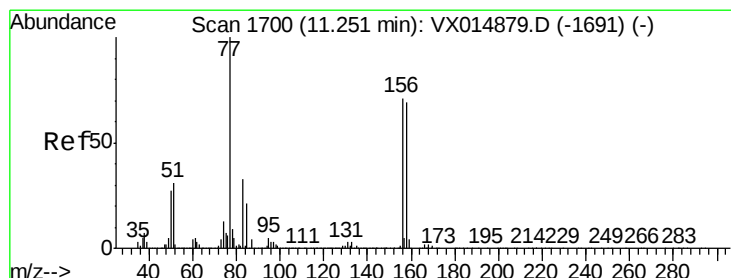
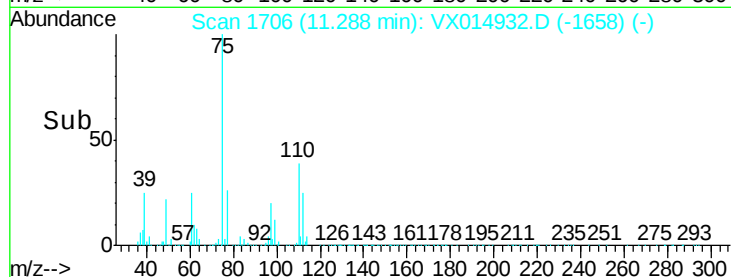
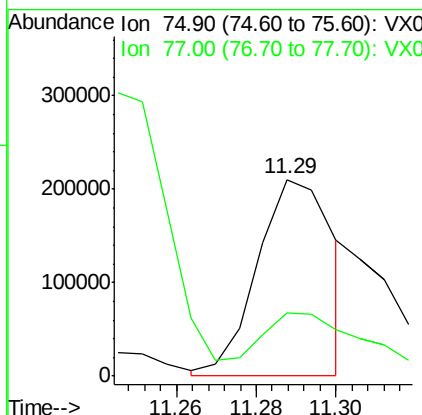
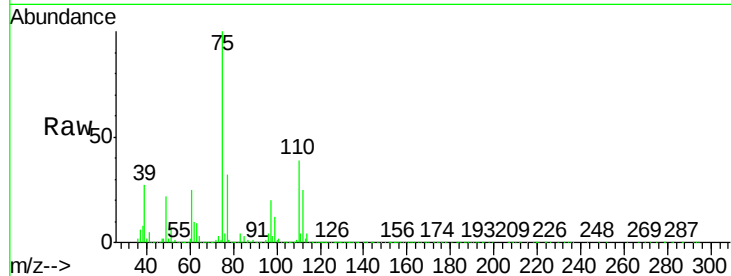
#76
1,2,3-Trichloropropane
Concen: 46.178 ug/l m
RT: 11.29 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Instrument :
MSVOA_X
ClientSampleId :
SS052MW772-200211MSD

Tot Ion: 75 Resp: 278921
Ion Ratio Lower Upper
75 100
77 45.0 18.4 55.0

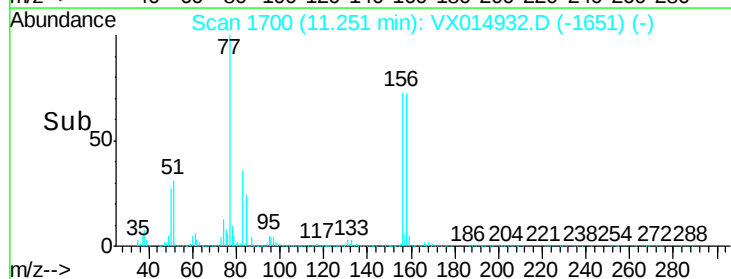
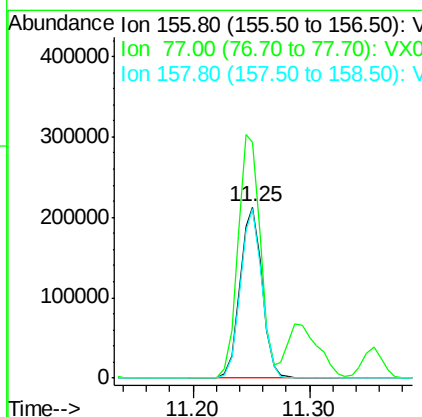
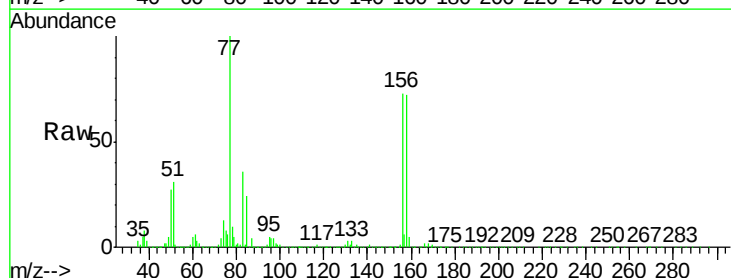
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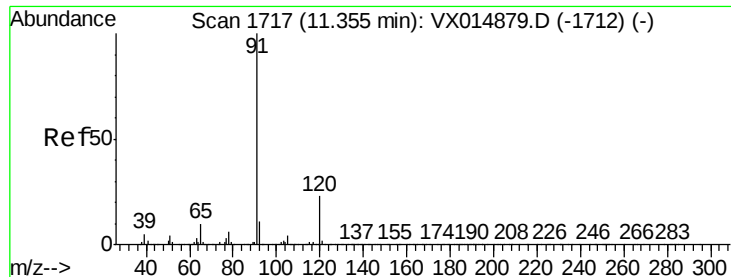
MMDadoda
2/13/2020 11:14:49 AM



#77
Bromobenzene
Concen: 47.409 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Tgt Ion: 156 Resp: 277176
Ion Ratio Lower Upper
156 100
77 145.3 74.0 222.0
158 97.8 48.9 146.6





#78

n-propylbenzene

Concen: 48.706 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

SS052MW772-200211MSD

Tot Ion: 91 Resp: 1179993

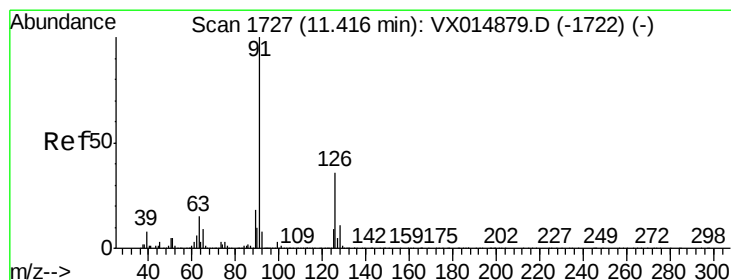
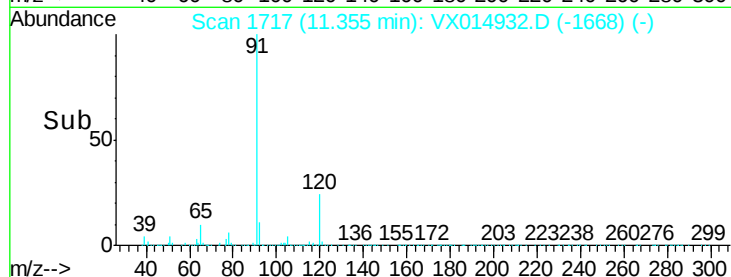
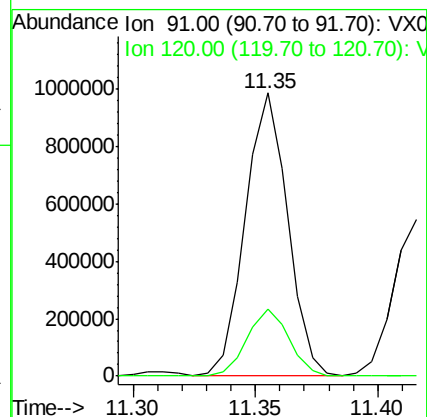
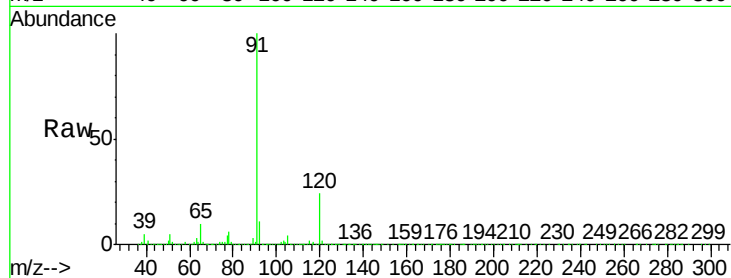
Ion Ratio Lower Upper

91 100

120 23.7 11.8 35.4

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MMDadoda
2/13/2020 11:14:49 AM



#79

2-Chlorotoluene

Concen: 48.394 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014932.D

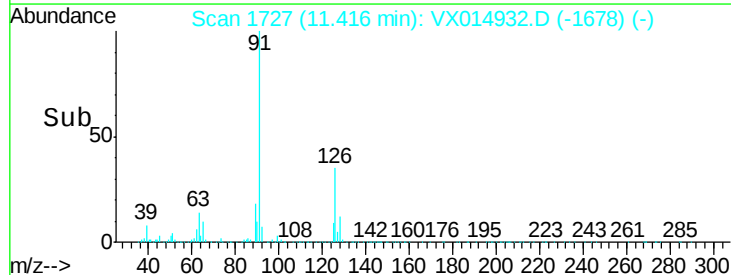
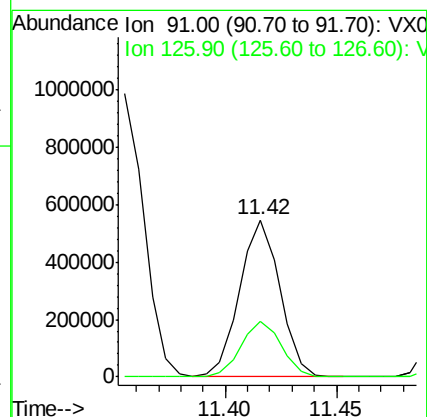
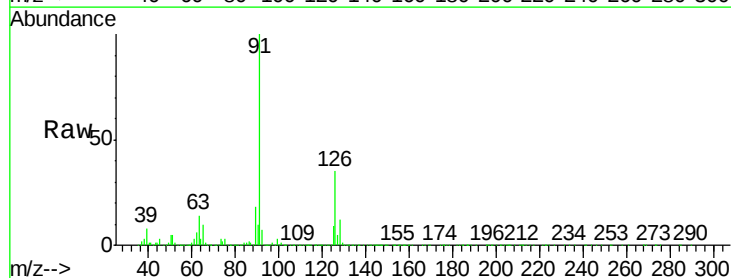
Acq: 12 Feb 2020 17:39

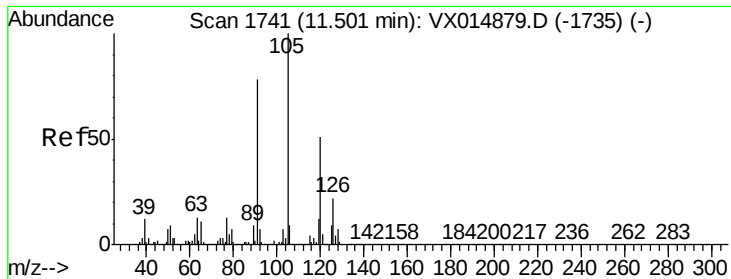
Tgt Ion: 91 Resp: 689278

Ion Ratio Lower Upper

91 100

126 35.4 18.0 54.0





#80

1,3,5-Trimethylbenzene

Concen: 49.828 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Instrument :

MSVOA_X

ClientSampleId :

SS052MW772-200211MSD

Tot Ion:105 Resp: 872094

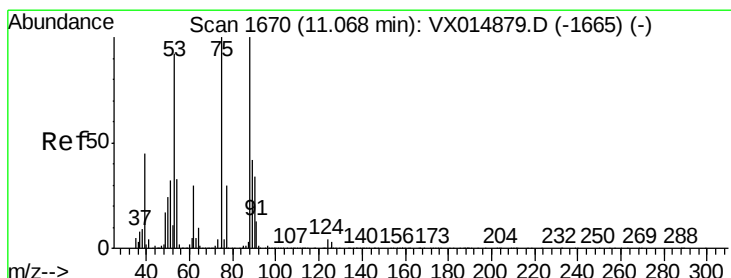
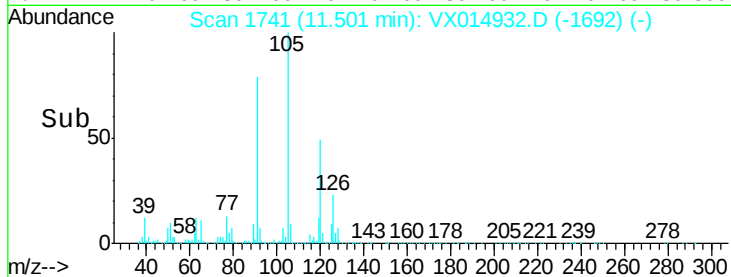
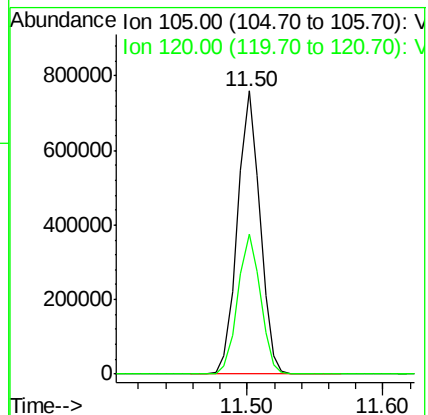
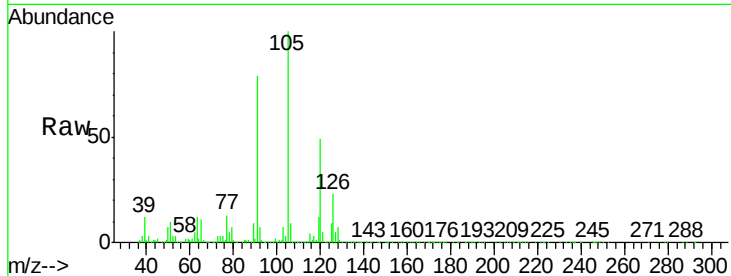
Ion Ratio Lower Upper

105 100

120 49.8 25.6 76.6

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2/13/2020 11:14:49 AM



#81

trans-1,4-Dichloro-2-butene

Concen: 47.288 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

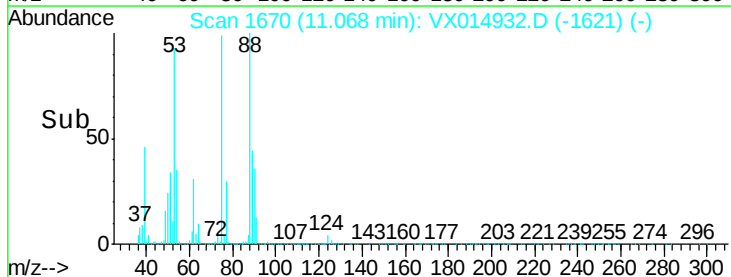
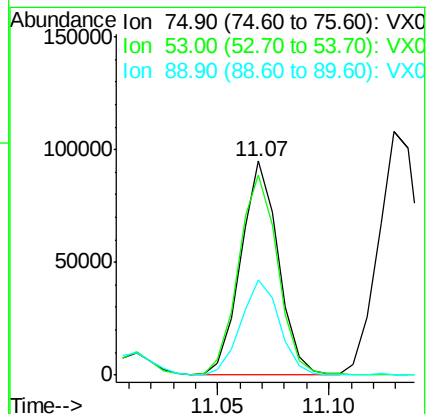
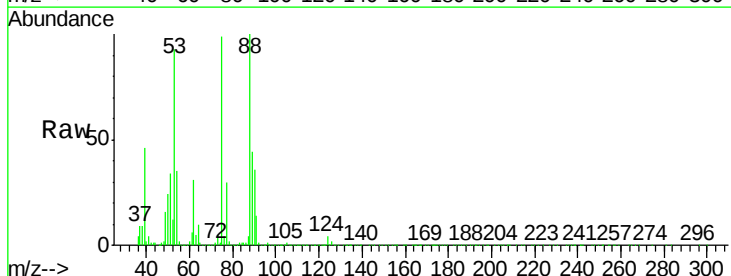
Tgt Ion: 75 Resp: 111587

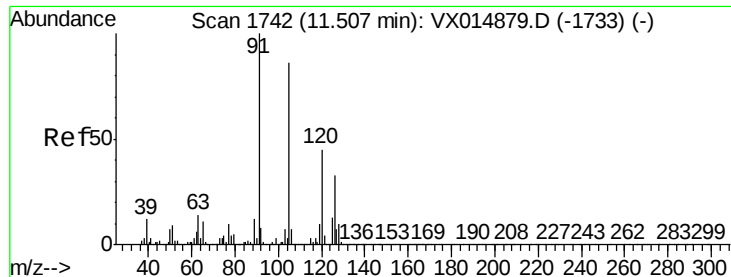
Ion Ratio Lower Upper

75 100

53 96.9 76.2 114.2

89 45.5 35.8 53.6





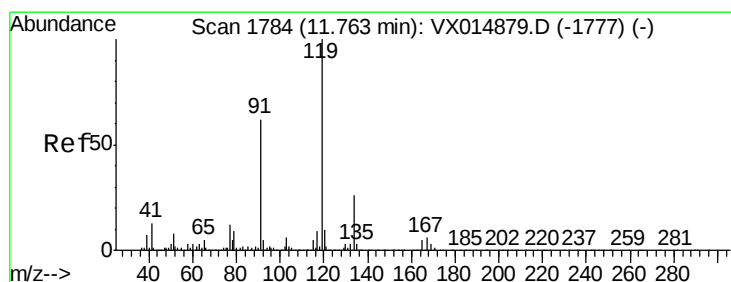
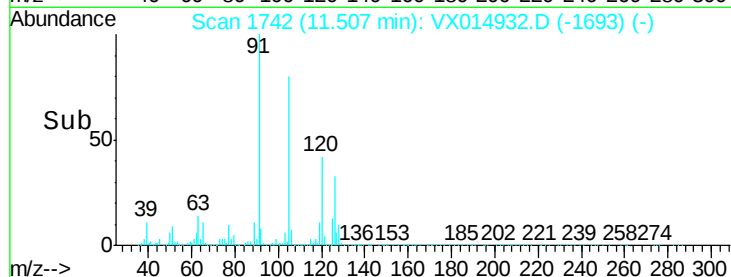
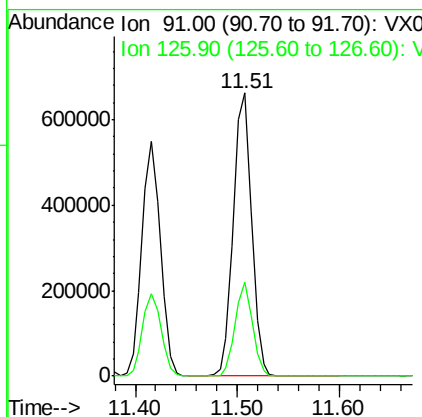
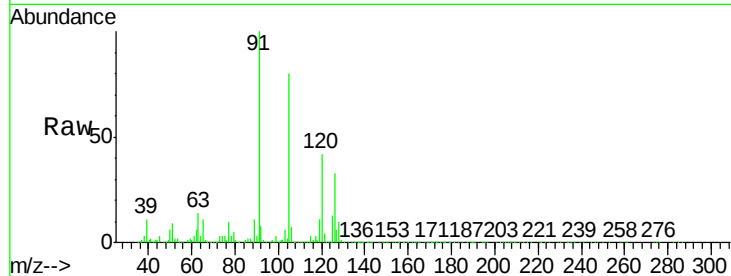
#82
4-Chlorotoluene
Concen: 48.245 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Instrument :
MSVOA_X
ClientSampleId :
SS052MW772-200211MSD

Tot Ion: 91 Resp: 813744
Ion Ratio Lower Upper
91 100
126 31.4 15.7 47.0

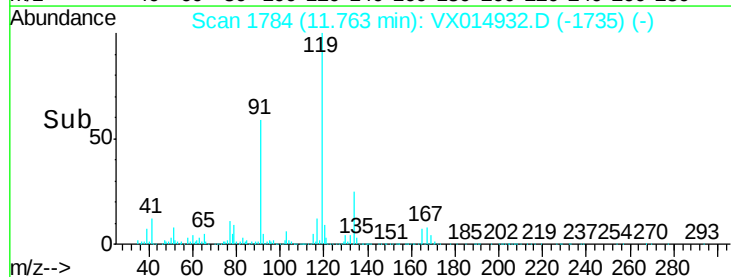
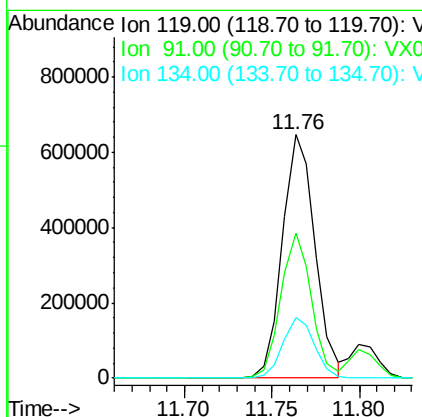
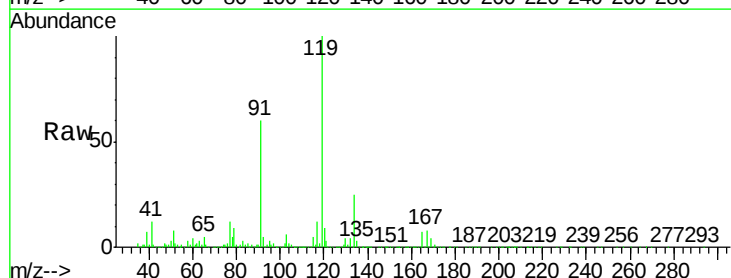
Manual Integrations
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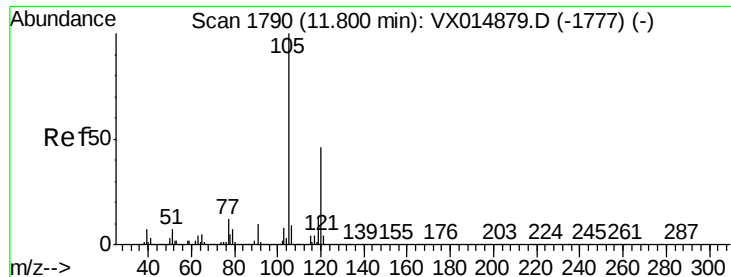
MMDadoda
2/13/2020 11:14:49 AM



#83
tert-Butylbenzene
Concen: 50.714 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Tgt Ion: 119 Resp: 840537
Ion Ratio Lower Upper
119 100
91 56.0 29.5 88.6
134 24.5 12.6 37.6





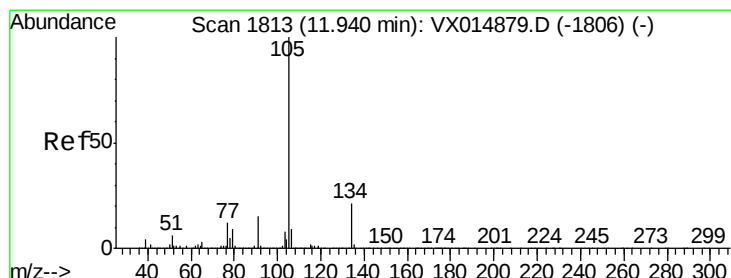
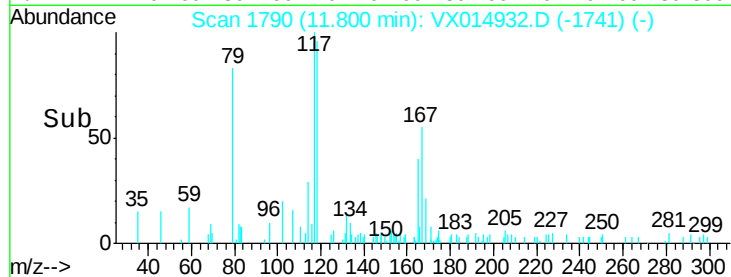
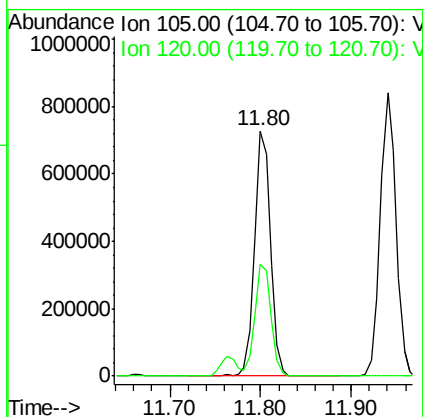
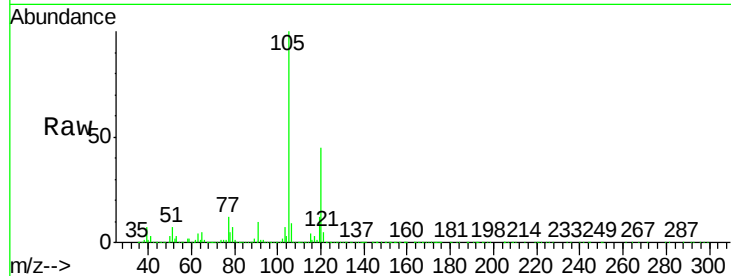
#84
 1,2,4-Trimethylbenzene
 Concen: 50.101 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014932.D
 Acq: 12 Feb 2020 17:39

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW772-200211MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.0	69.0

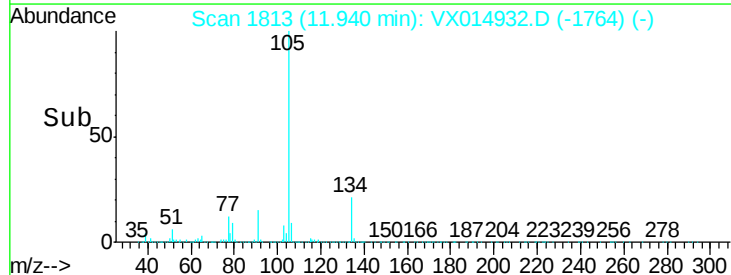
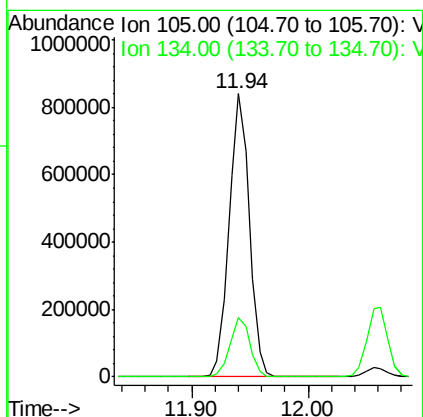
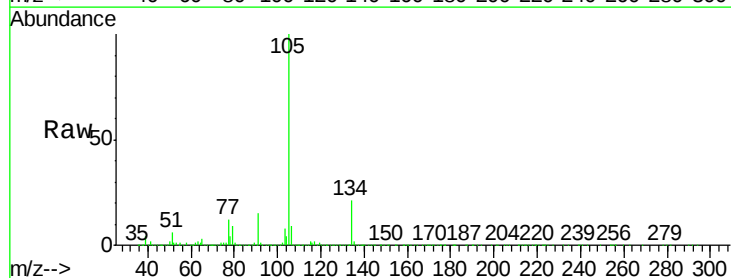
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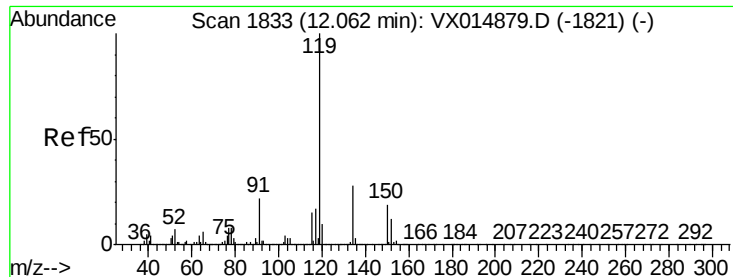
MMDadoda
 2/13/2020 11:14:49 AM



#85
 sec-Butylbenzene
 Concen: 49.178 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014932.D
 Acq: 12 Feb 2020 17:39

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.6	31.8





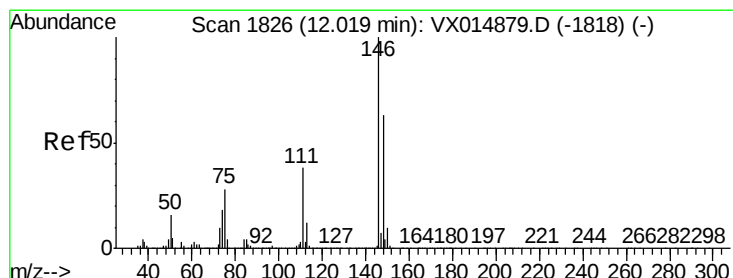
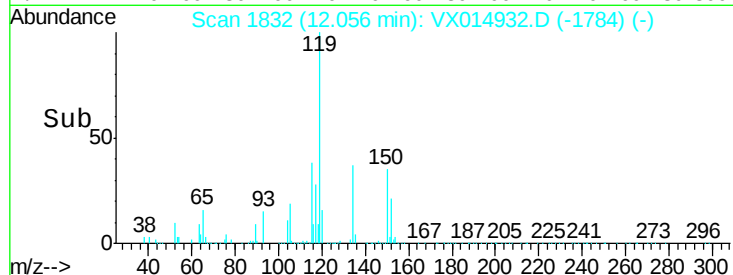
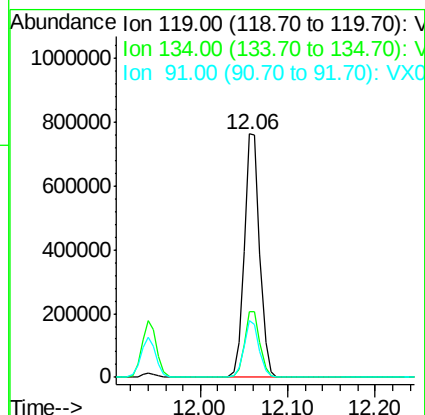
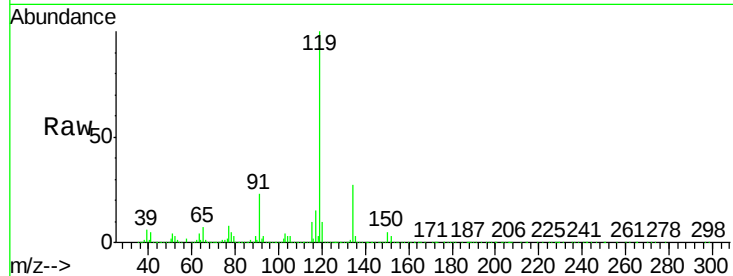
#86
p-Isopropyltoluene
Concen: 48.981 ug/l
RT: 12.06 min Scan# 1832
Delta R.T. -0.01 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Instrument :
MSVOA_X
ClientSampleId :
SS052MW772-200211MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	943738		
134	26.9		13.5	40.5
91	22.5		11.4	34.1

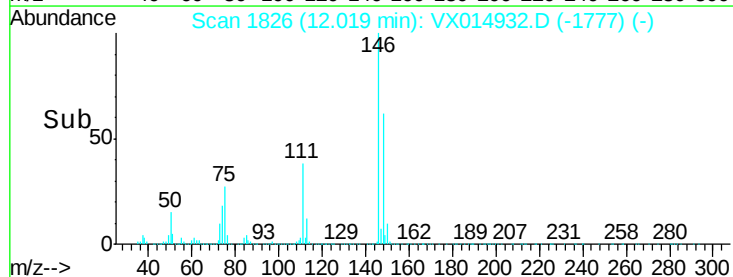
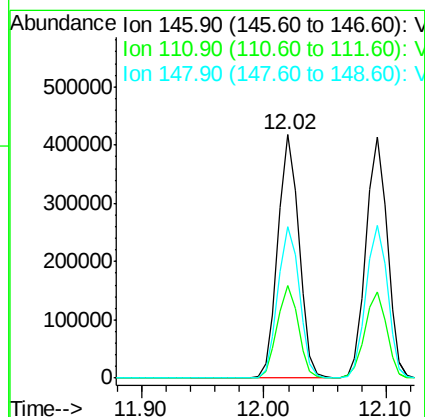
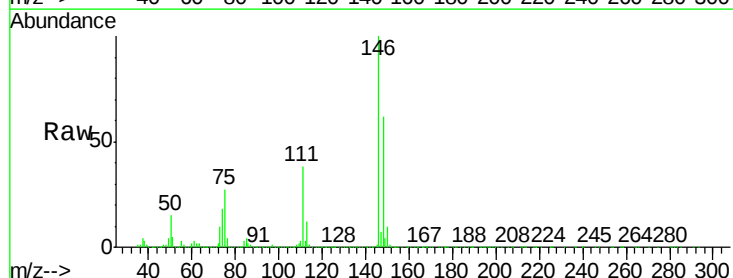
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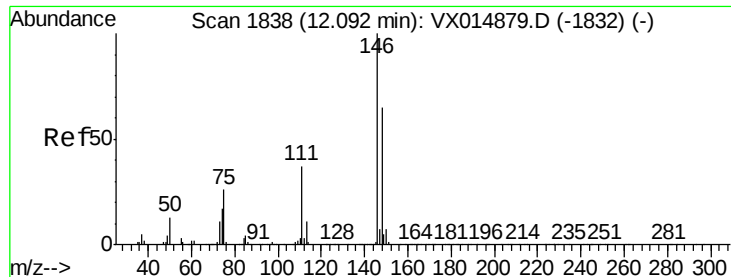
MMDadoda
2/13/2020 11:14:49 AM



#87
1,3-Dichlorobenzene
Concen: 47.624 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	499504		
111	38.1		18.6	56.0
148	63.5		31.8	95.4





#88

1,4-Dichlorobenzene

Concen: 46.362 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Instrument :

MSVOA_X

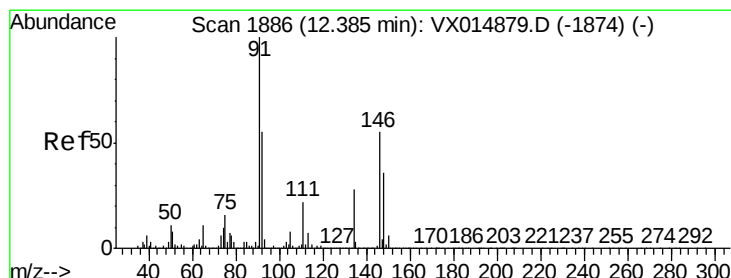
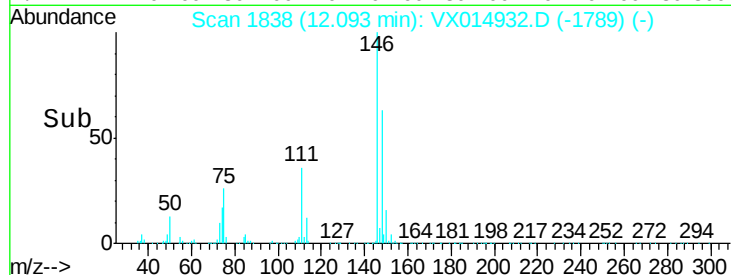
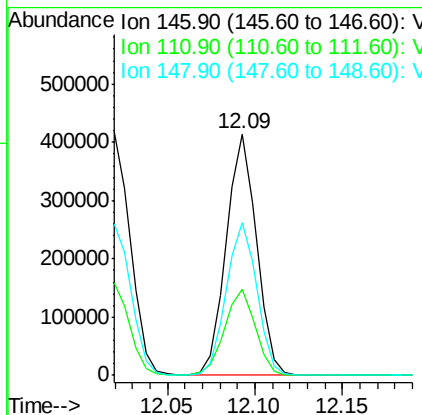
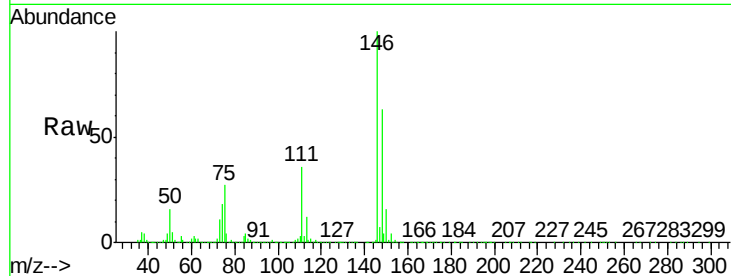
ClientSampleId :

SS052MW772-200211MSD

Tot Ion:	146	Resp:	496576
Ion Ratio		Lower	Upper
146	100		
111	36.5	18.6	55.6
148	64.2	32.4	97.0

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#89

n-Butylbenzene

Concen: 48.428 ug/l

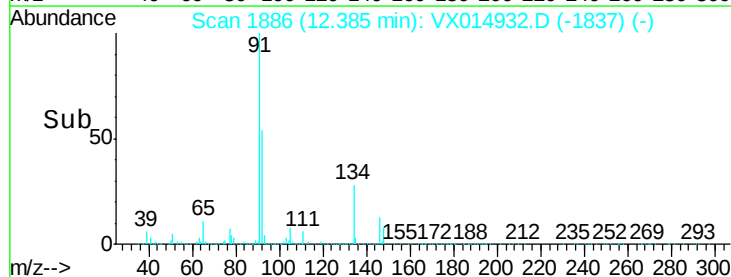
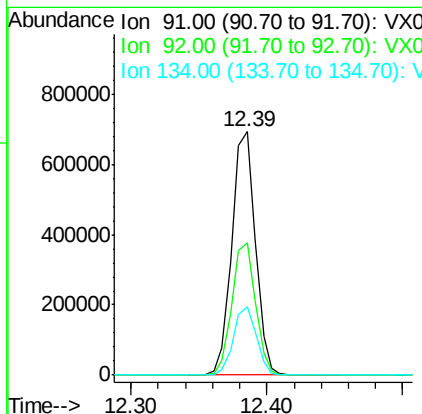
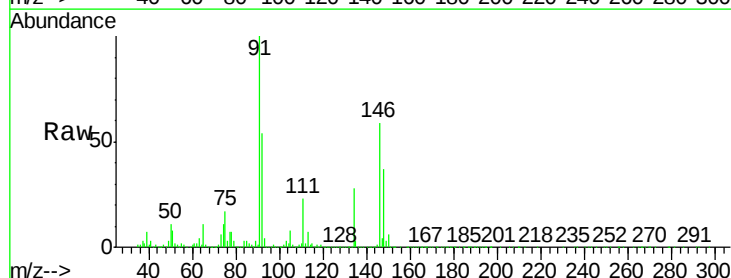
RT: 12.39 min Scan# 1886

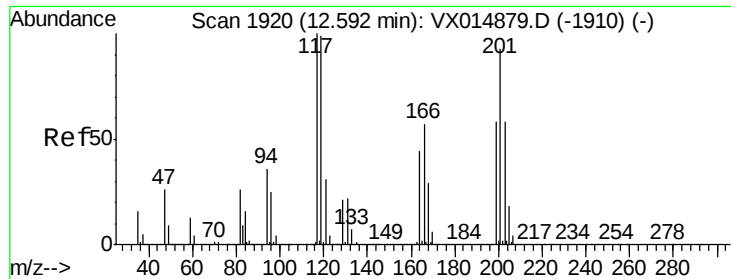
Delta R.T. 0.00 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Tgt Ion:	91	Resp:	835671
Ion Ratio		Lower	Upper
91	100		
92	54.4	27.3	81.8
134	27.5	13.8	41.4





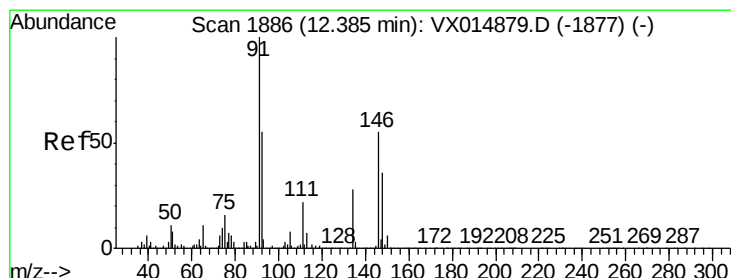
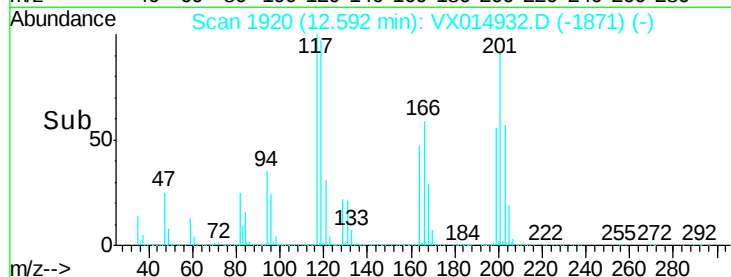
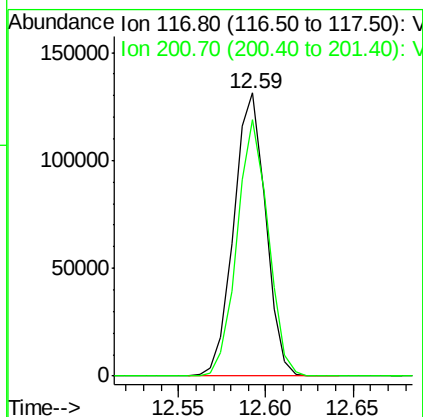
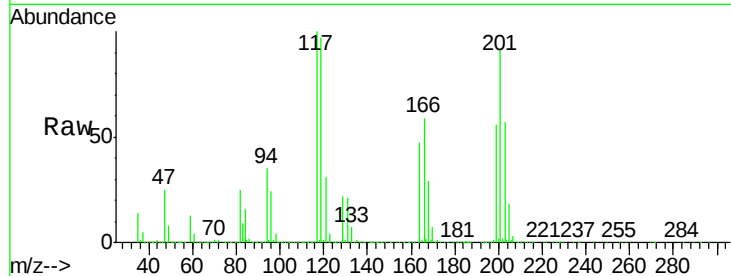
#90
Hexachloroethane
Concen: 49.233 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Instrument :
MSVOA_X
ClientSampleId :
SS052MW772-200211MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	165656		
201	89.1	44.8	134.3	

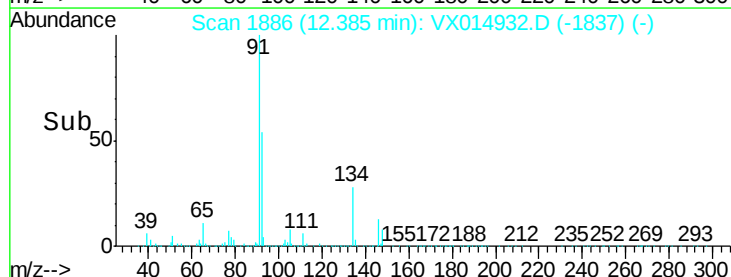
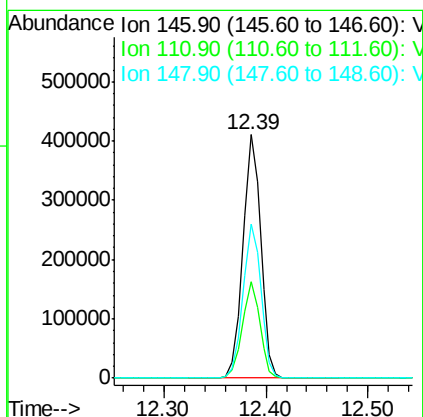
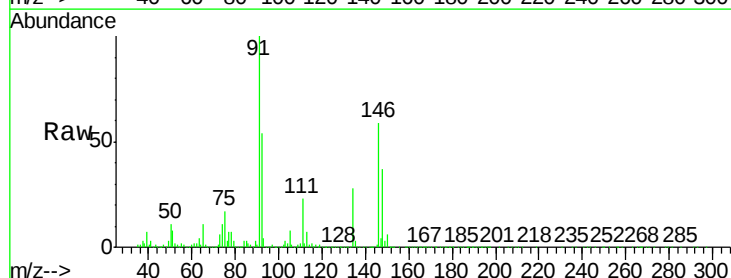
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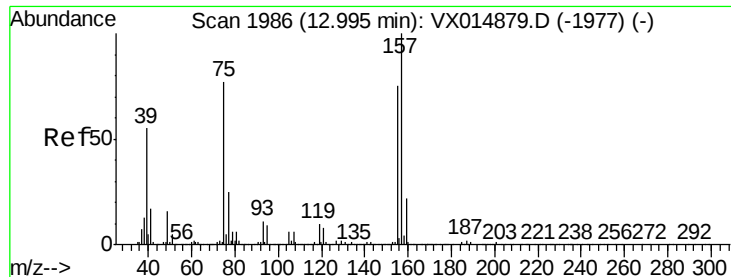
MMDadoda
2/13/2020 11:14:49 AM



#91
1,2-Dichlorobenzene
Concen: 48.135 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014932.D
Acq: 12 Feb 2020 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	495101		
111	39.1	19.8	59.3	
148	64.0	32.4	97.2	





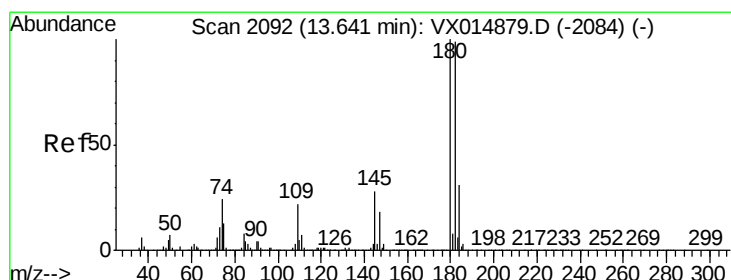
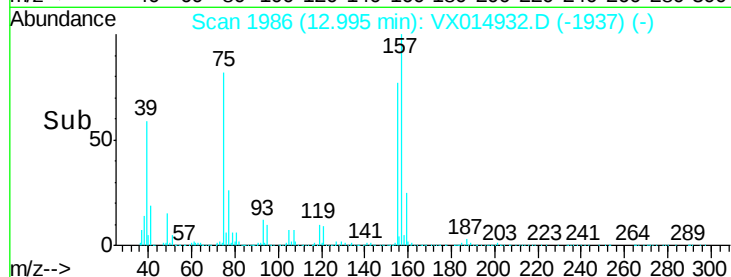
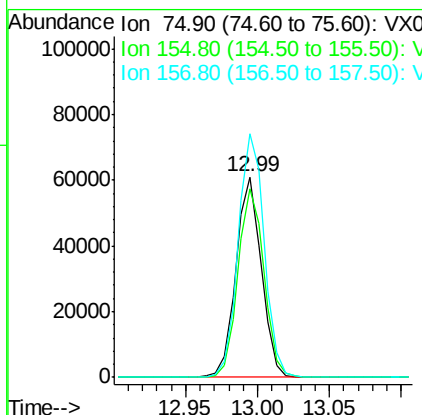
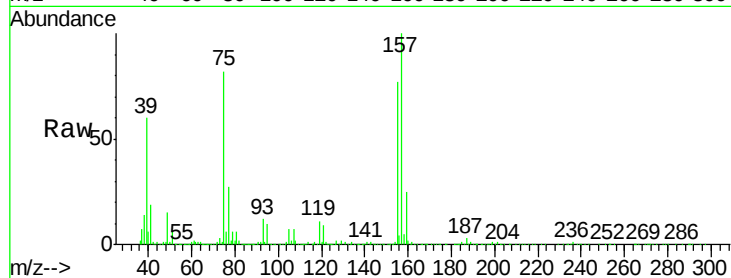
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.952 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014932.D
 Acq: 12 Feb 2020 17:39

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW772-200211MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	95.7	48.6	145.9
157	123.6	62.0	186.0

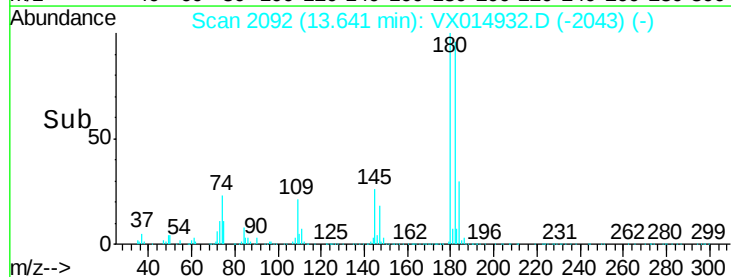
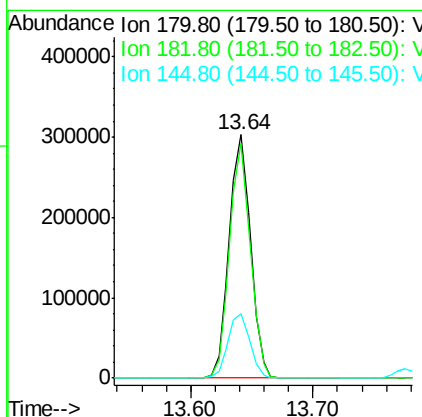
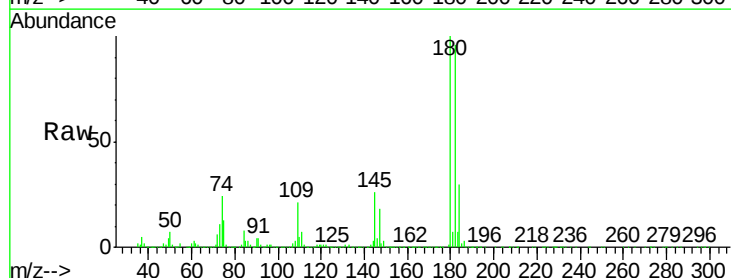
Manual Integrations
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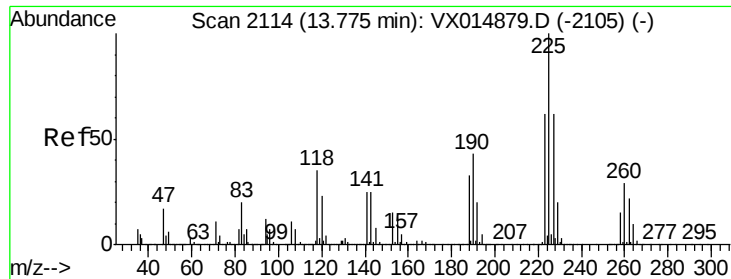
MMDadoda
 2/13/2020 11:14:49 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 48.220 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014932.D
 Acq: 12 Feb 2020 17:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.4	145.3
145	27.3	14.1	42.4





#94

Hexachlorobutadiene

Concen: 47.933 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX014932.D

Acq: 12 Feb 2020 17:39

Instrument :

MSVOA_X

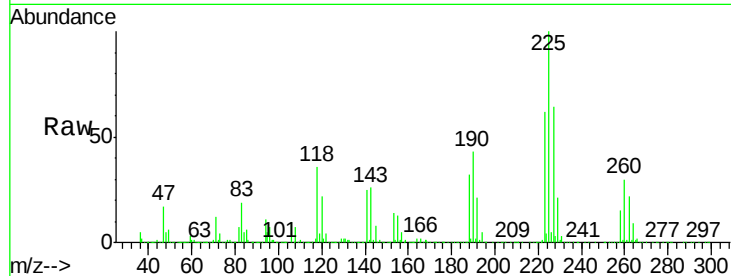
ClientSampleId :

SS052MW772-200211MSD

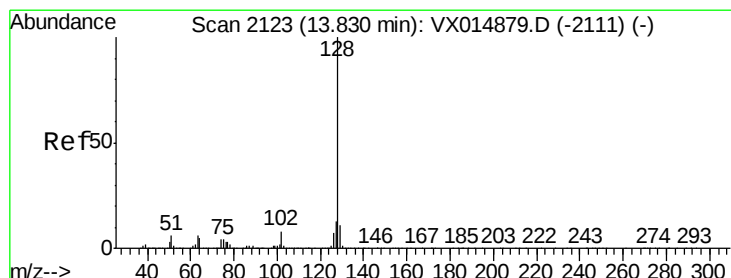
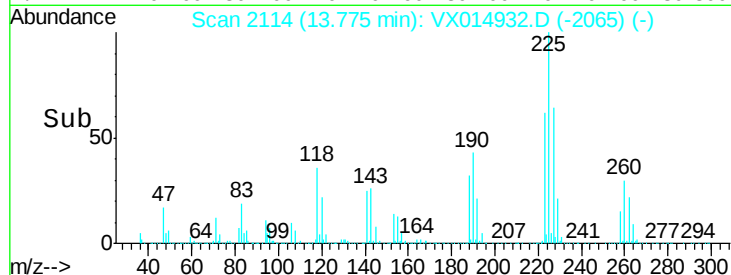
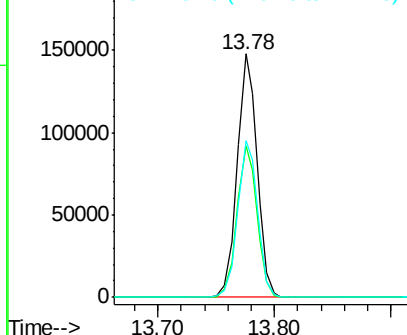
Tot Ion:	225	Resp:	176015
Ion Ratio		Lower	Upper
225	100		
223	63.0	31.1	93.2
227	64.6	30.9	92.5

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



#95

Naphthalene

Concen: 52.408 ug/l

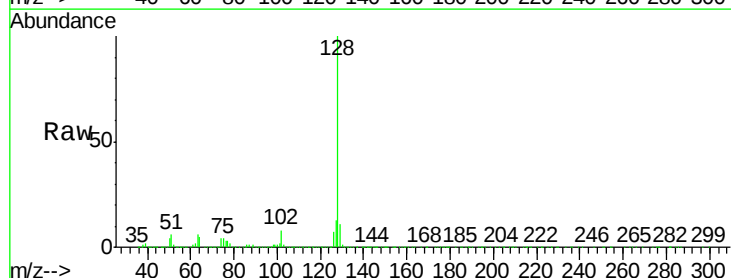
RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

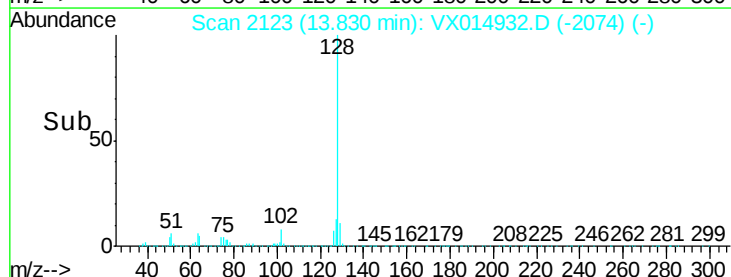
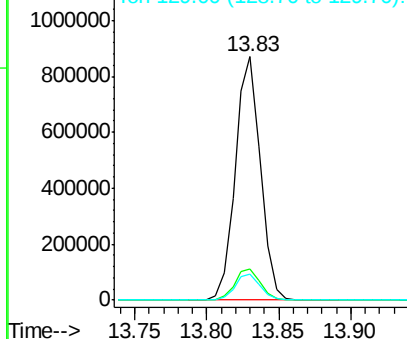
Lab File: VX014932.D

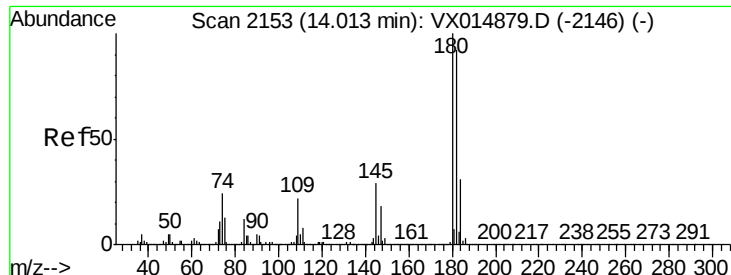
Acq: 12 Feb 2020 17:39

Tgt Ion:	128	Resp:	1057890
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.7	8.6	13.0



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





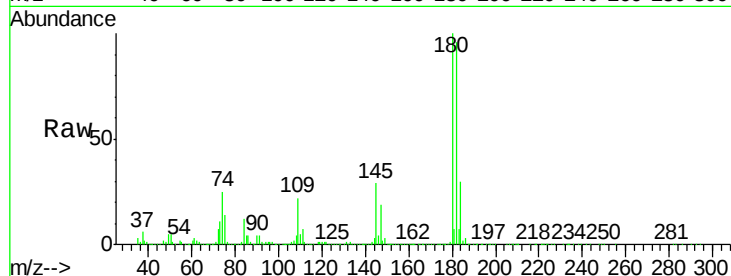
#96
 1,2,3-Trichlorobenzene
 Concen: 49.114 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX014932.D
 Acq: 12 Feb 2020 17:39

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW772-200211MSD

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	96.5	47.5	142.6
145	29.4	14.5	43.5

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Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

