

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021220\
 Data File : VX014931.D
 Acq On : 12 Feb 2020 17:16
 Operator : JC/SP
 Sample : L1495-07MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW772-200211MS

Manual Integrations
 APPROVED

MMDadoda
 2/13/2020 11:14:44 AM

Quant Time: Feb 13 04:52:15 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	474924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	722160	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	686508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	373934	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	232427	43.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.72%	
35) Dibromofluoromethane	5.49	113	191818	43.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.42%	
50) Toluene-d8	8.71	98	736951	43.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.98%	
62) 4-Bromofluorobenzene	11.13	95	268574	43.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	209483	46.576	ug/l	99
3) Chloromethane	1.32	50	231335	45.368	ug/l	99
4) Vinyl Chloride	1.40	62	252735	46.010	ug/l	99
5) Bromomethane	1.63	94	156928	44.136	ug/l	96
6) Chloroethane	1.72	64	157528	44.819	ug/l	99
7) Trichlorofluoromethane	1.92	101	345176	44.976	ug/l	99
8) Diethyl Ether	2.18	74	146130	45.916	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	194064	43.562	ug/l	100
10) Methyl Iodide	2.50	142	227061	46.094	ug/l	98
11) Tert butyl alcohol	3.03	59	223357	236.016	ug/l	99
12) 1,1-Dichloroethene	2.37	96	199152	45.749	ug/l	97
13) Acrolein	2.28	56	105845	146.746	ug/l	99
14) Allyl chloride	2.72	41	336683	43.623	ug/l	99
15) Acrylonitrile	3.13	53	562487	234.457	ug/l	99
16) Acetone	2.43	43	471210	159.714	ug/l	99
17) Carbon Disulfide	2.56	76	530795	43.641	ug/l	100
18) Methyl Acetate	2.76	43	247640	45.875	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	655475	46.267	ug/l	97
20) Methylene Chloride	2.85	84	222322	43.119	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	216390	45.050	ug/l	99
22) Diisopropyl ether	3.84	45	682093	46.273	ug/l	88
23) Vinyl Acetate	3.80	43	2055161	169.128	ug/l	100
24) 1,1-Dichloroethane	3.69	63	377629	45.392	ug/l	99
25) 2-Butanone	4.65	43	769420	210.858	ug/l	99
26) 2,2-Dichloropropane	4.58	77	294651	41.097	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	252357	47.000	ug/l	98
28) Bromochloromethane	5.01	49	152062	47.156	ug/l	99
29) Tetrahydrofuran	5.11	42	501374	241.703	ug/l	99
30) Chloroform	5.20	83	387967	47.003	ug/l	99
31) Cyclohexane	5.58	56	339768	44.840	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	324265	44.911	ug/l	99
36) 1,1-Dichloropropene	5.79	75	288079	44.595	ug/l	100
37) Ethyl Acetate	4.82	43	309687	45.964	ug/l	100
38) Carbon Tetrachloride	5.78	117	278092	44.174	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	346386	42.874	ug/l	97
40) Benzene	6.14	78	870201	45.085	ug/l	100
41) Methacrylonitrile	5.03	41	172656	47.568	ug/l	99
42) 1,2-Dichloroethane	6.18	62	310230	44.471	ug/l	99
43) Isopropyl Acetate	6.43	43	507724	45.681	ug/l	100
44) Trichloroethene	7.21	130	263402	47.010	ug/l	99
45) 1,2-Dichloropropane	7.51	63	222003	45.101	ug/l	97
46) Dibromomethane	7.65	93	150269	44.660	ug/l	99
47) Bromodichloromethane	7.89	83	298536	44.748	ug/l	98
48) Methyl methacrylate	7.76	41	256306	46.858	ug/l	99
49) 1,4-Dioxane	7.73	88	102571	1002.952	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1576346	234.882	ug/l	100
52) Toluene	8.78	92	554218	45.209	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	330024	45.137	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	354676	43.911	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	226961	45.760	ug/l	99
56) Ethyl methacrylate	9.17	69	350720	47.045	ug/l	99
57) 1,3-Dichloropropane	9.37	76	375709	45.001	ug/l	99
59) 2-Hexanone	9.48	43	1203401	228.128	ug/l	100
60) Dibromochloromethane	9.57	129	245068	45.915	ug/l	97
61) 1,2-Dibromoethane	9.67	107	240689	44.977	ug/l	99
64) Tetrachloroethene	9.33	164	245075	38.182	ug/l	98
65) Chlorobenzene	10.14	112	596765	42.858	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	222436	44.002	ug/l	99
67) Ethyl Benzene	10.25	91	1058268	44.689	ug/l	99
68) m/p-Xylenes	10.35	106	806538	88.411	ug/l	99
69) o-Xylene	10.70	106	385759	43.990	ug/l	100
70) Styrene	10.71	104	301936	20.352	ug/l	89
71) Bromoform	10.85	173	188799	44.745	ug/l	99
73) Isopropylbenzene	11.01	105	1039537	44.330	ug/l	100
74) N-amyl acetate	10.89	43	447381	45.916	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	340446	44.413	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	277267m	41.004	ug/l	
77) Bromobenzene	11.25	156	276958	42.315	ug/l	98
78) n-propylbenzene	11.35	91	1173577	43.270	ug/l	100
79) 2-Chlorotoluene	11.42	91	688464	43.178	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	870704	44.438	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	111689	42.279	ug/l	97
82) 4-Chlorotoluene	11.51	91	809001	42.845	ug/l	100
83) tert-Butylbenzene	11.76	119	857050	46.191	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	869924	44.056	ug/l	99
85) sec-Butylbenzene	11.94	105	1006704	43.675	ug/l	99
86) p-Isopropyltoluene	12.06	119	943530	43.743	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	491011	41.817	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	494481	41.239	ug/l	99
89) n-Butylbenzene	12.38	91	825995	42.758	ug/l	100
90) Hexachloroethane	12.59	117	162825	43.226	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	491192	42.658	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	74540	41.449	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	353587	41.603	ug/l	99

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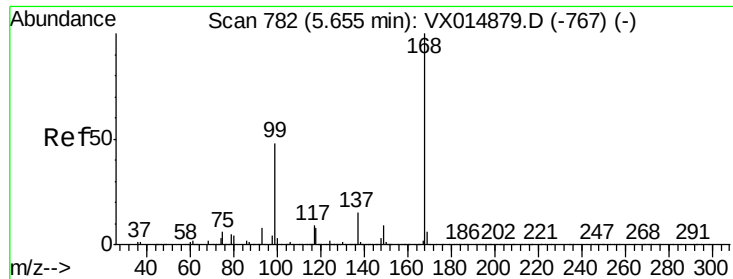
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	169831	41.313	ug/l	98
95) Naphthalene	13.83	128	1043058	46.158	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	352514	42.930	ug/l	99

(#) = 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: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

SS052MW772-200211MS

Tot Ion:168 Resp: 474924

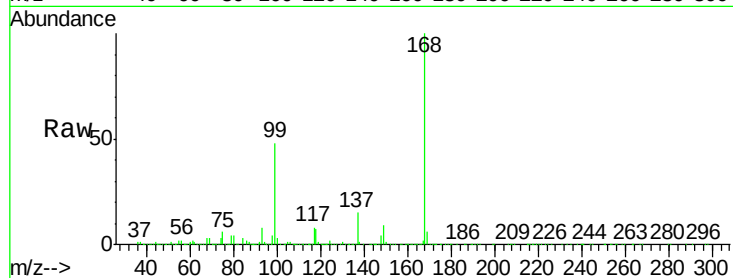
Ion Ratio Lower Upper

168 100

99 47.9 38.7 58.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

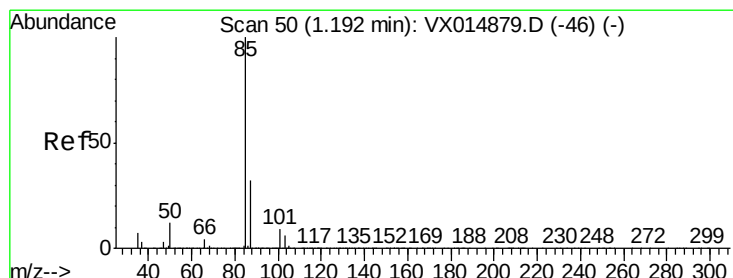
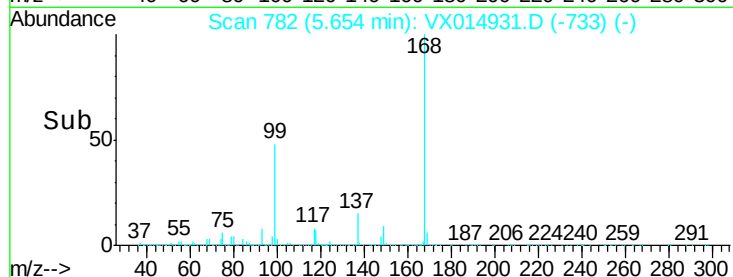
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.576 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014931.D

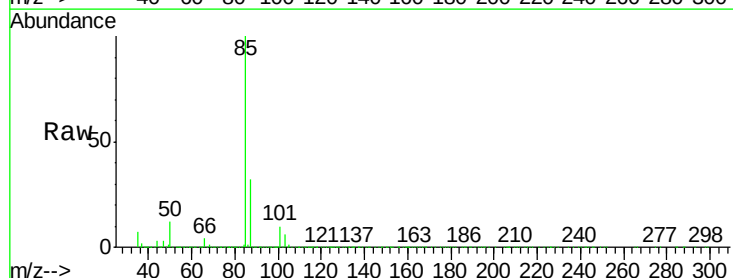
Acq: 12 Feb 2020 17:16

Tgt Ion: 85 Resp: 209483

Ion Ratio Lower Upper

85 100

87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

250000

200000

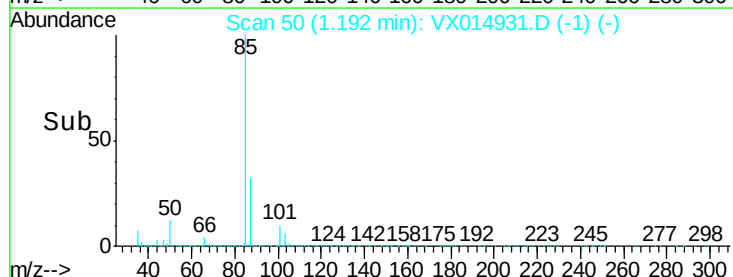
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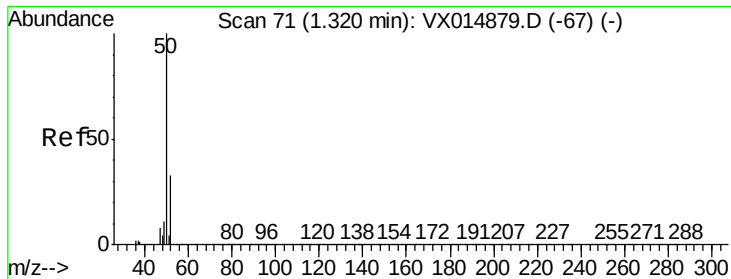
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50000

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Time-->





#3

Chloromethane

Concen: 45.368 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

SS052MW772-200211MS

Tot Ion: 50 Resp: 231335

Ion Ratio Lower Upper

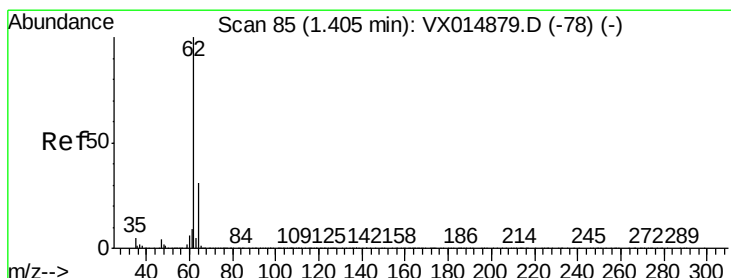
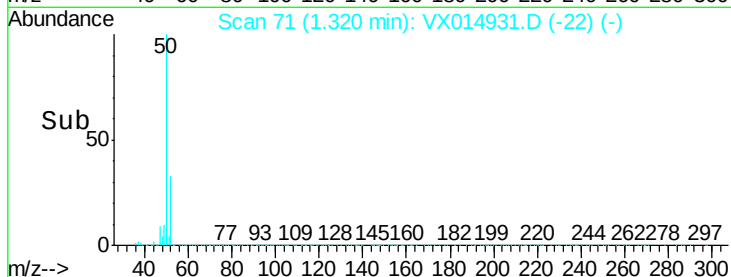
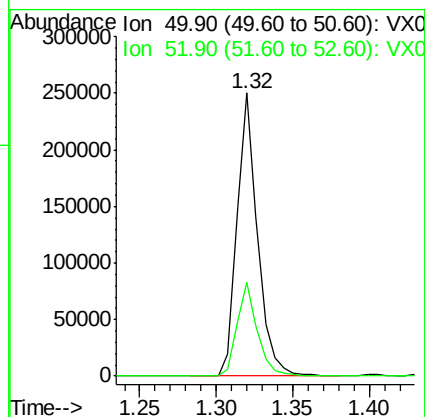
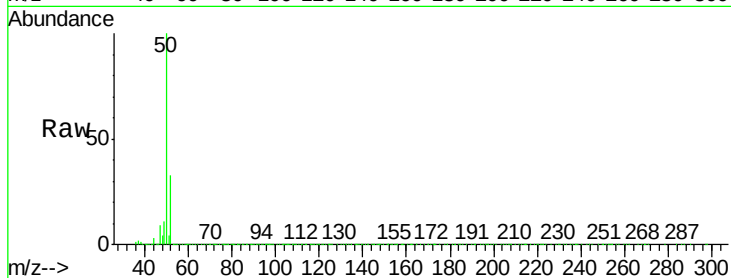
50 100

52 33.2 26.2 39.2

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#4

Vinyl Chloride

Concen: 46.010 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX014931.D

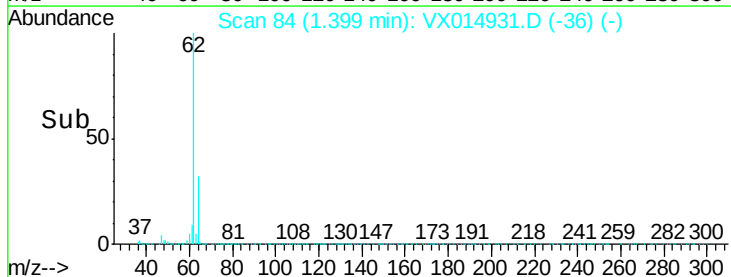
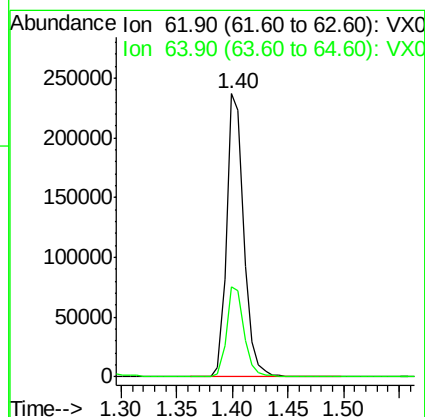
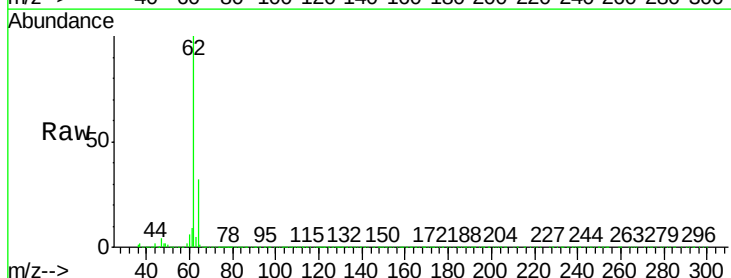
Acq: 12 Feb 2020 17:16

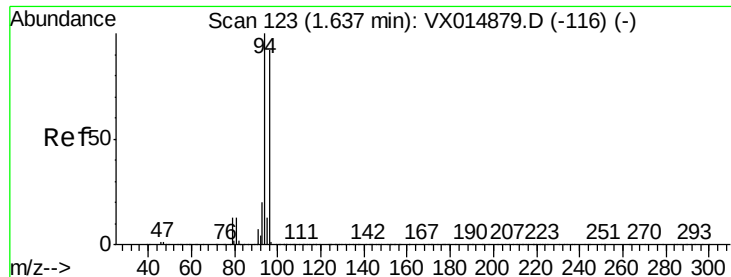
Tgt Ion: 62 Resp: 252735

Ion Ratio Lower Upper

62 100

64 31.6 24.8 37.2





#5

Bromomethane

Concen: 44.136 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

SS052MW772-200211MS

Tot Ion: 94 Resp: 156928

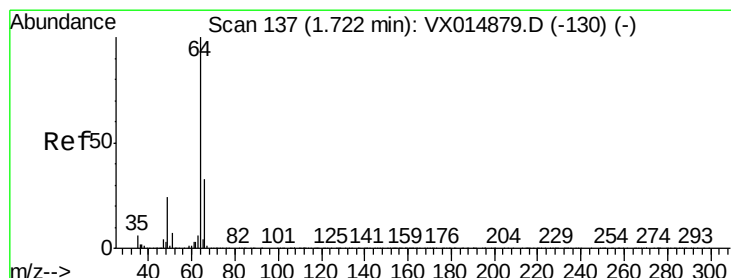
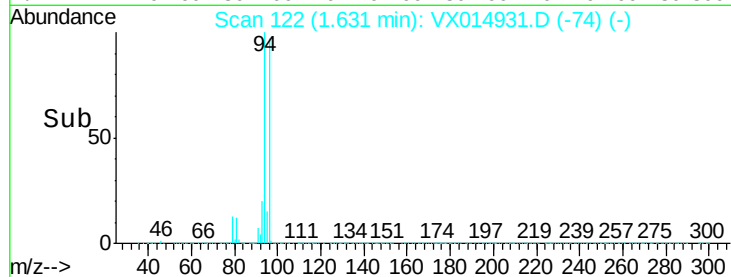
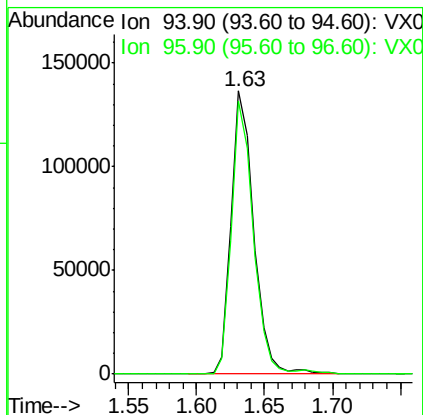
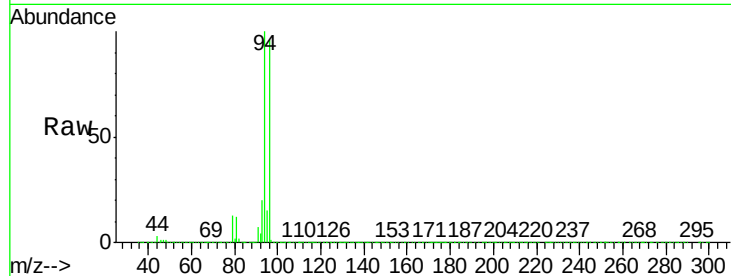
Ion Ratio Lower Upper

94 100

96 96.3 73.7 110.5

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#6

Chloroethane

Concen: 44.819 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX014931.D

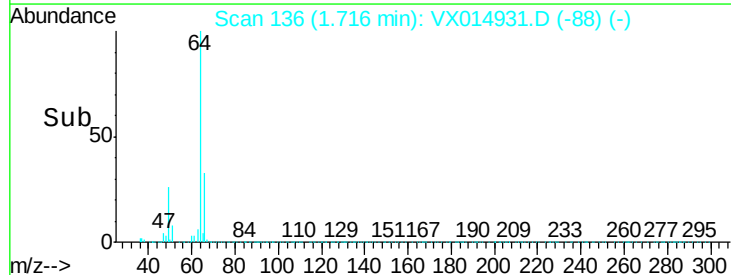
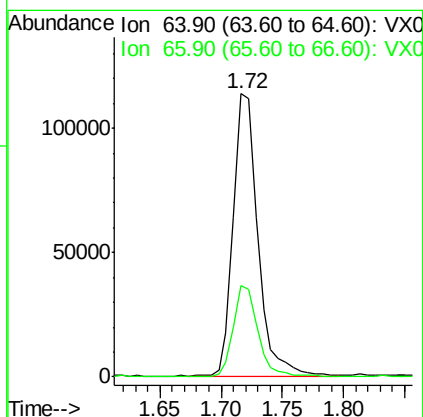
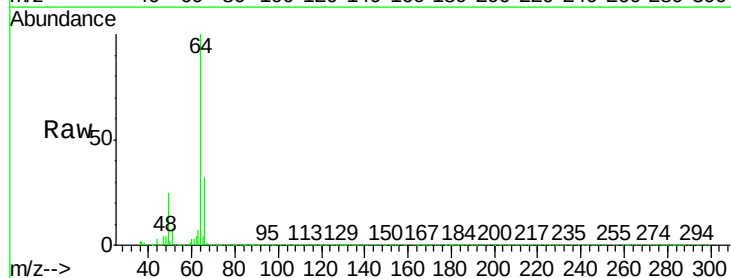
Acq: 12 Feb 2020 17:16

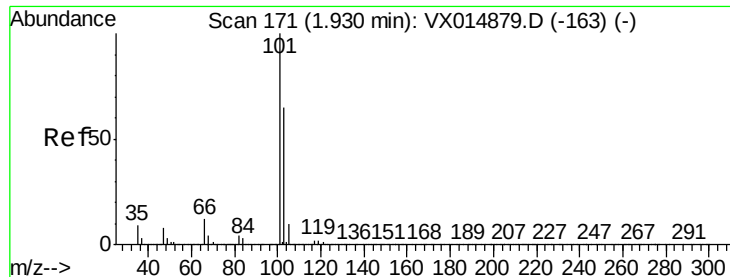
Tgt Ion: 64 Resp: 157528

Ion Ratio Lower Upper

64 100

66 32.1 26.2 39.4





#7

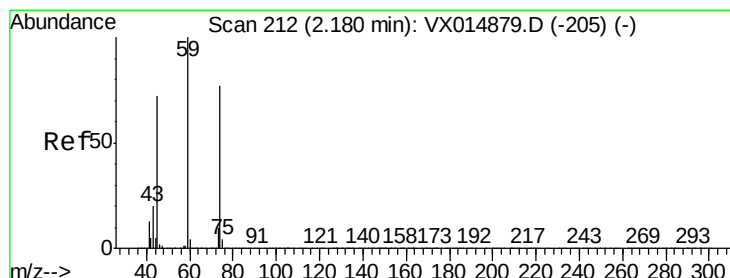
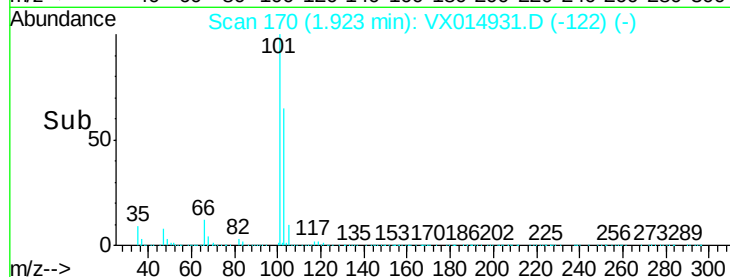
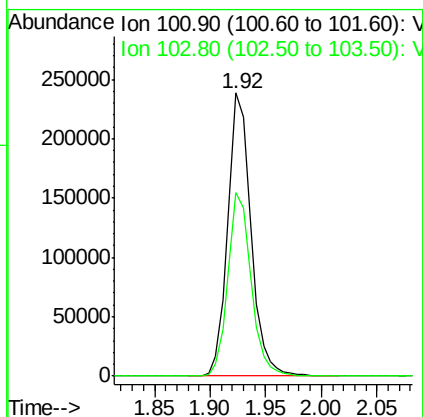
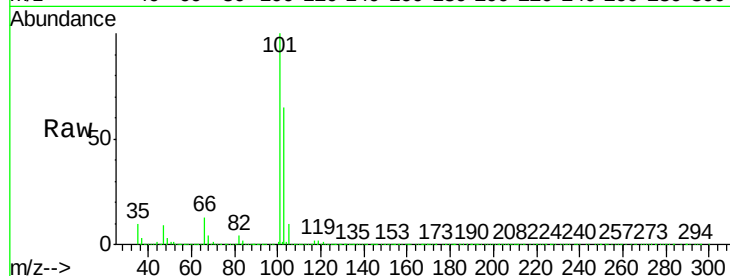
Trichlorofluoromethane
Concen: 44.976 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX014931.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	345176		
103	64.8	52.2	78.4	

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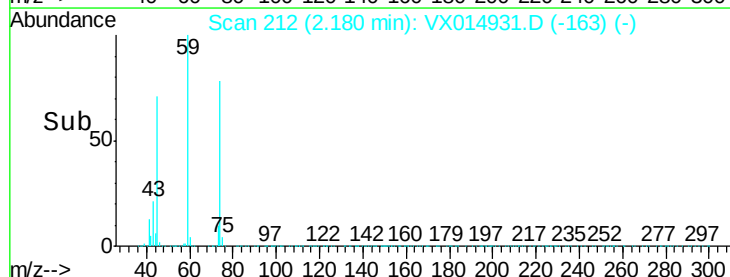
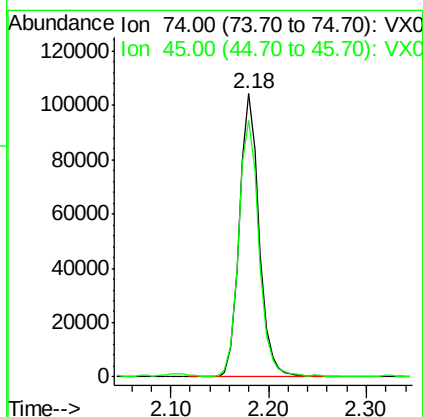
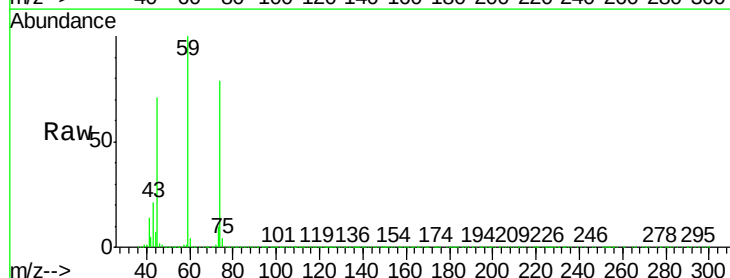
MMDadoda
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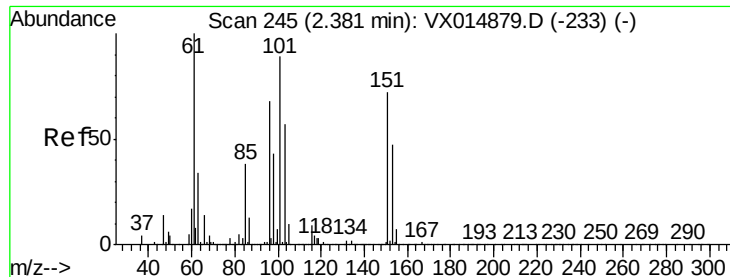


#8

Diethyl Ether
Concen: 45.916 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	146130		
45	91.9	46.6	139.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.562 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

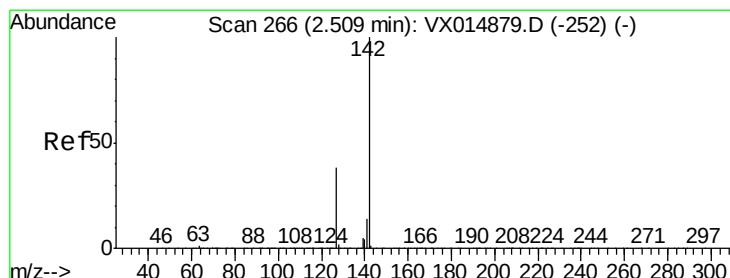
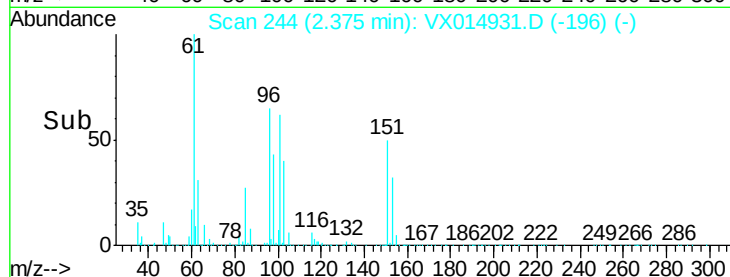
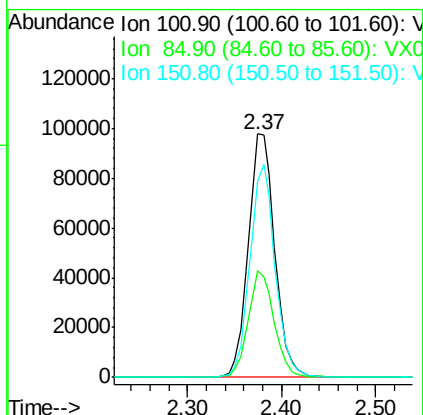
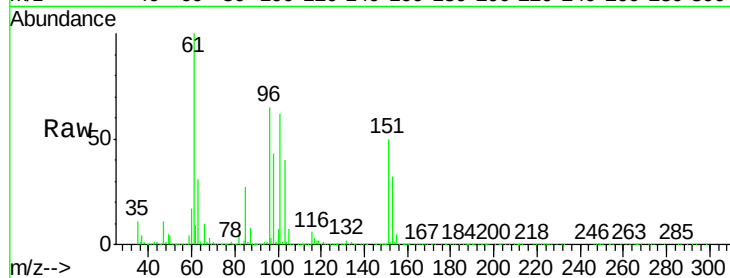
ClientSampleId :

SS052MW772-200211MS

Tot Ion:	101	Resp:	194064
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.1	51.1
151	83.6	67.3	100.9

Manual Integrations
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2/13/2020 11:14:44 AM



#10

Methyl Iodide

Concen: 46.094 ug/l

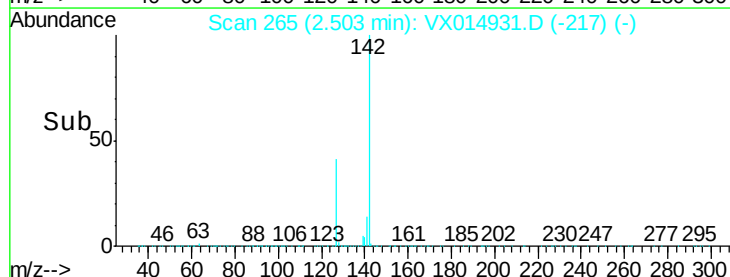
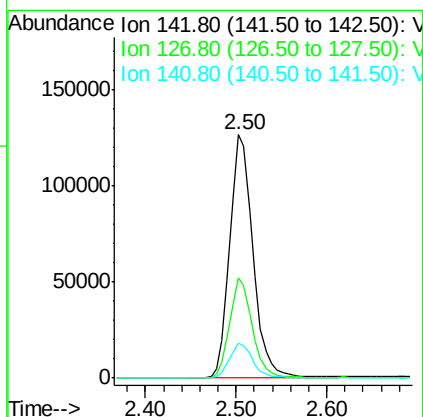
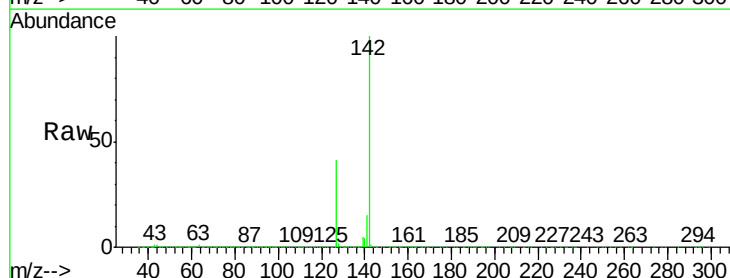
RT: 2.50 min Scan# 265

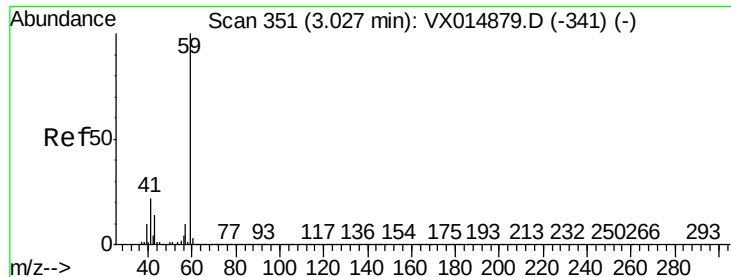
Delta R.T. -0.01 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Tgt Ion:	142	Resp:	227061
Ion Ratio	Lower	Upper	
142	100		
127	40.2	31.1	46.7
141	14.4	11.3	16.9





#11

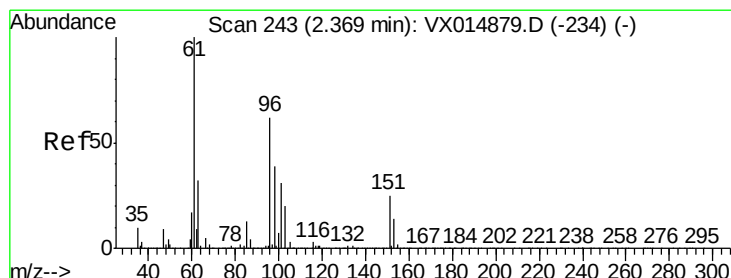
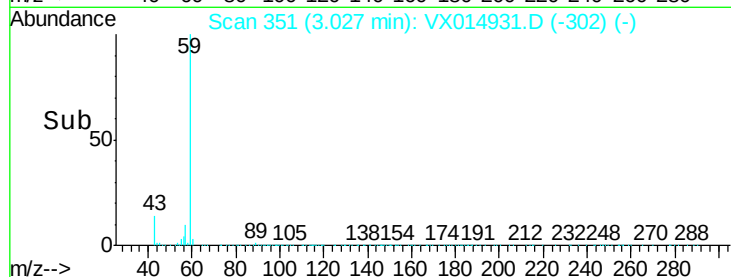
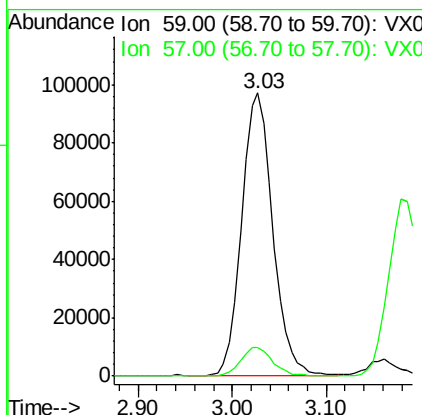
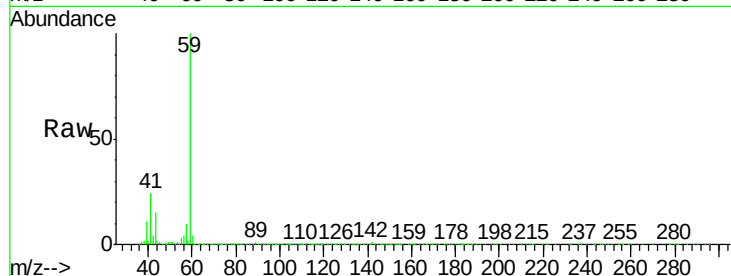
Tert butyl alcohol
Concen: 236.016 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
SS052MW772-200211MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.2	12.4

Manual Integrations
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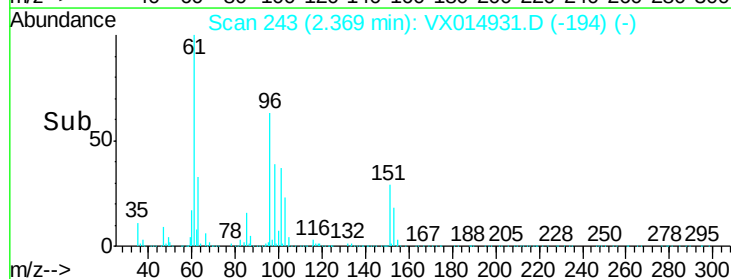
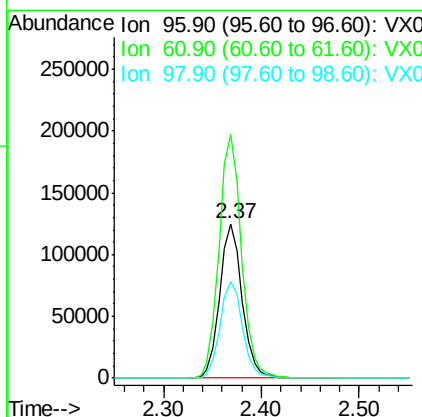
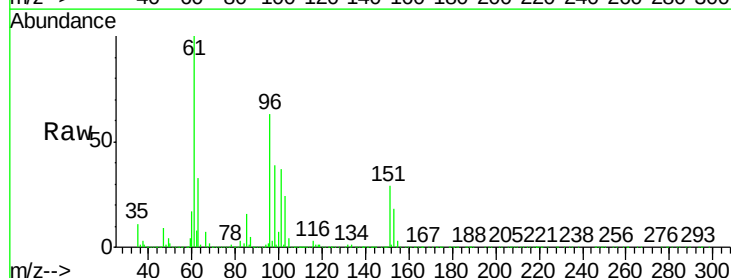
MMDadoda
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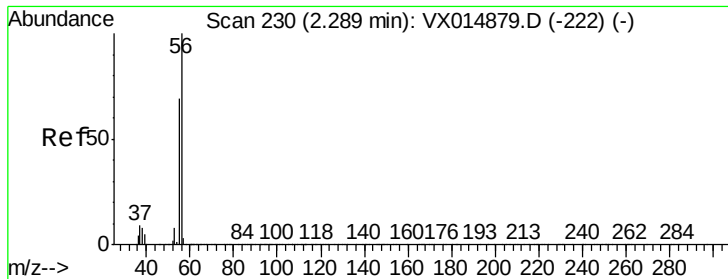


#12

1,1-Dichloroethene
Concen: 45.749 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.7	129.5	194.3
98	62.0	50.6	76.0





#13

Acrolein

Concen: 146.746 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

SS052MW772-200211MS

Tot Ion: 56 Resp: 105845

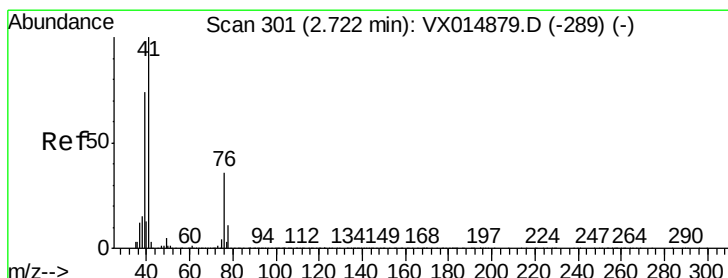
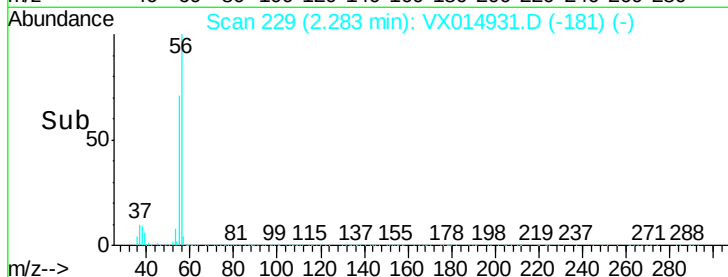
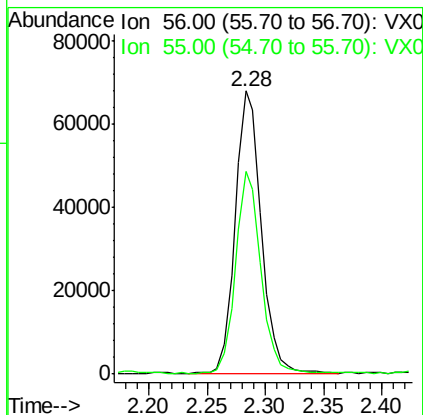
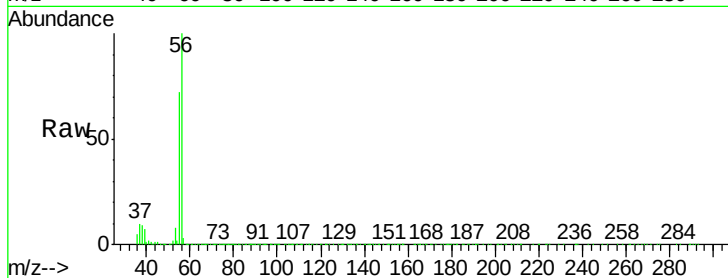
Ion Ratio Lower Upper

56 100

55 69.2 55.0 82.4

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#14

Allyl chloride

Concen: 43.623 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

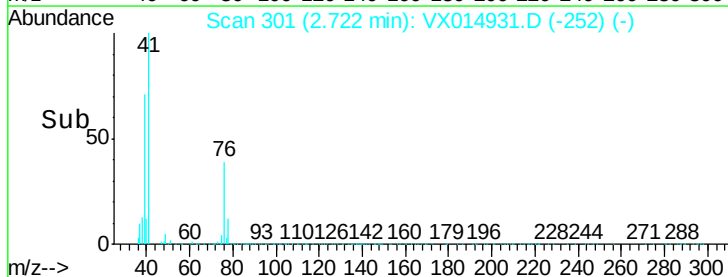
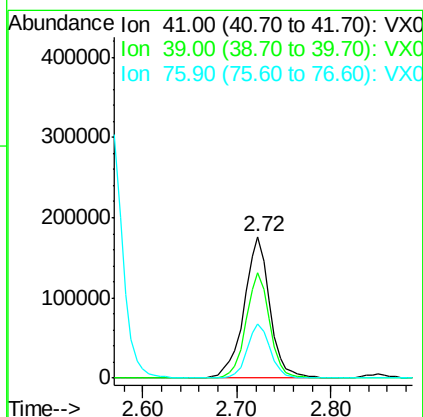
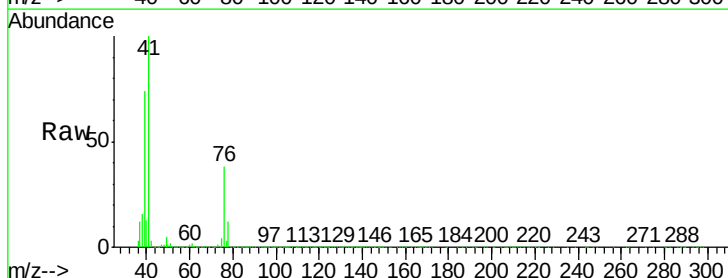
Tgt Ion: 41 Resp: 336683

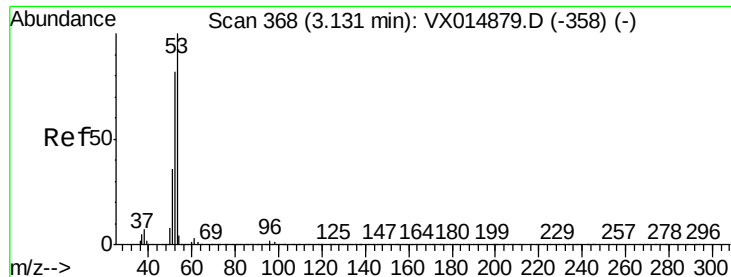
Ion Ratio Lower Upper

41 100

39 68.6 55.2 82.8

76 34.3 26.8 40.2





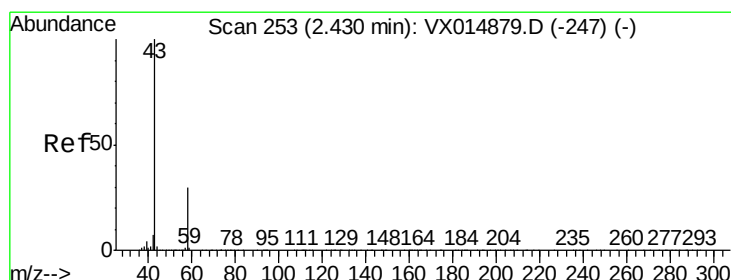
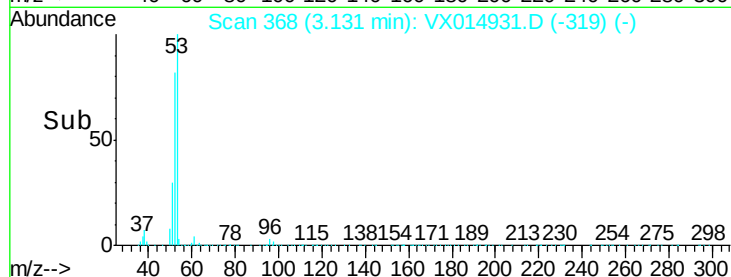
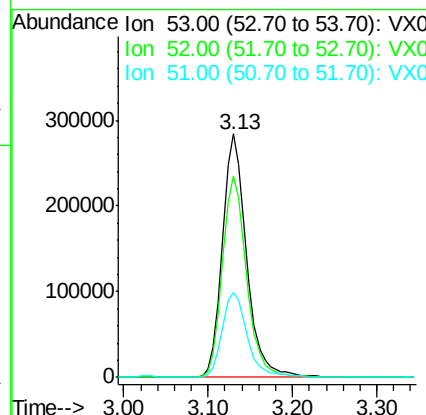
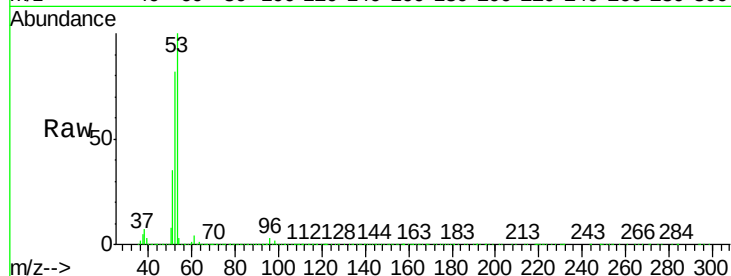
#15
 Acrylonitrile
 Concen: 234.457 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW772-200211MS

Tot Ion:	53	Resp:	562487
Ion Ratio	Lower	Upper	
53	100		
52	83.5	65.8	98.6
51	36.6	29.1	43.7

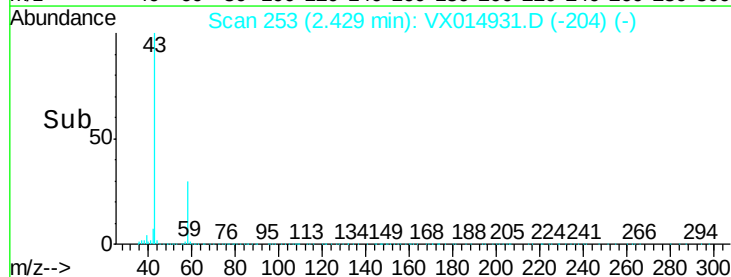
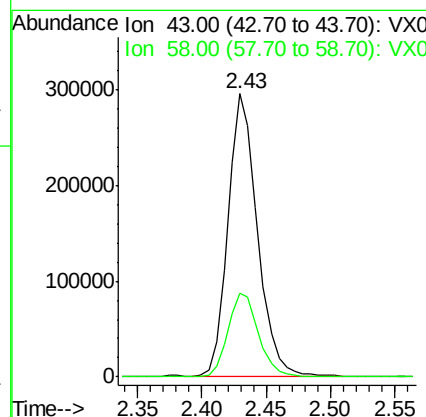
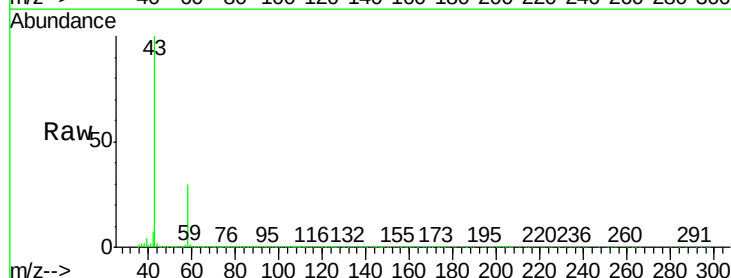
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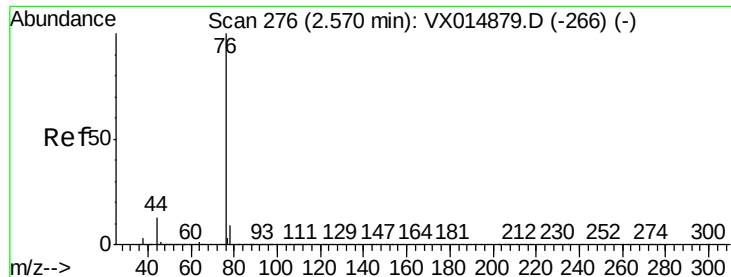
MMDadoda
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#16
 Acetone
 Concen: 159.714 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

Tgt Ion:	43	Resp:	471210
Ion Ratio	Lower	Upper	
43	100		
58	29.7	24.1	36.1





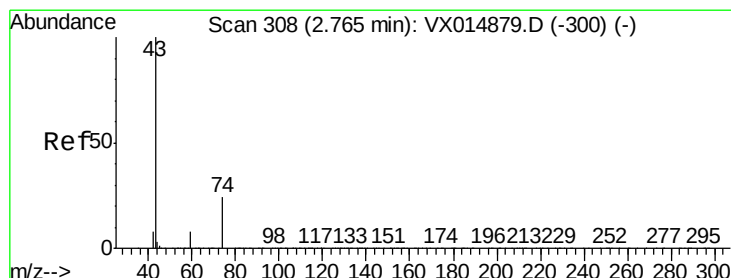
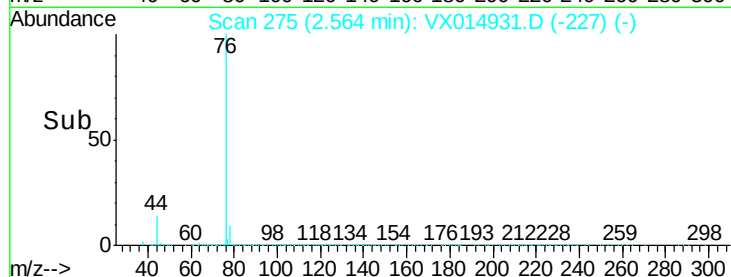
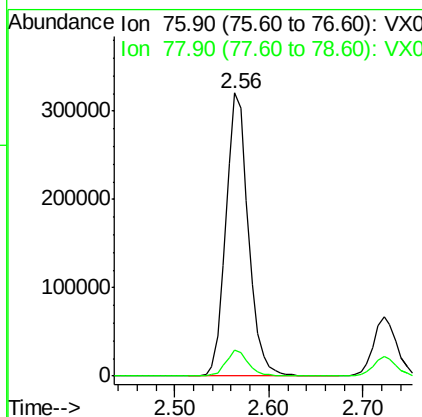
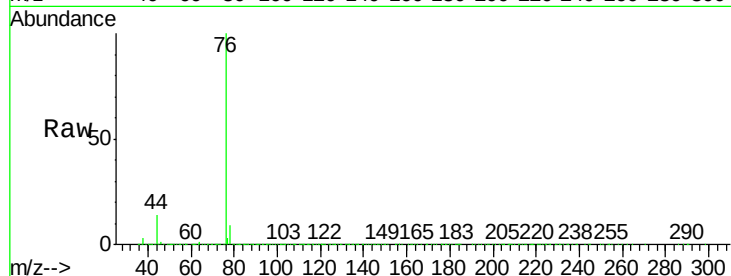
#17
Carbon Disulfide
Concen: 43.641 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
SS052MW772-200211MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.0

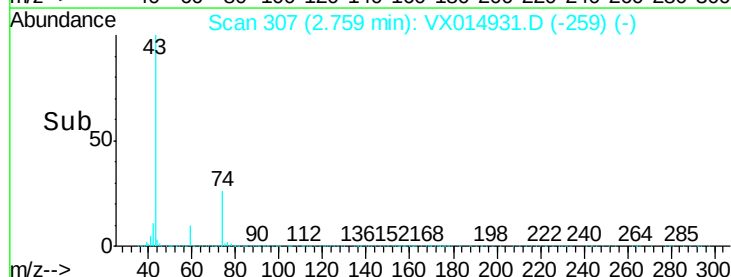
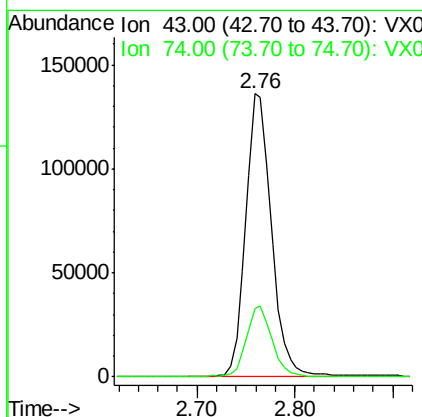
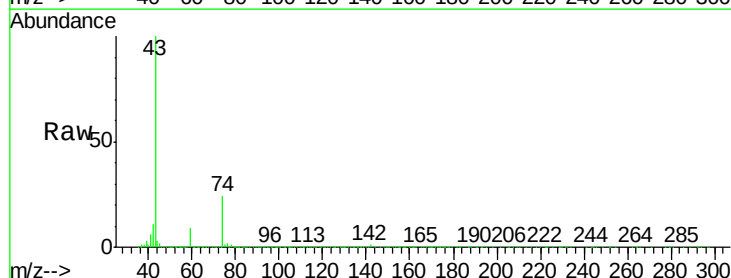
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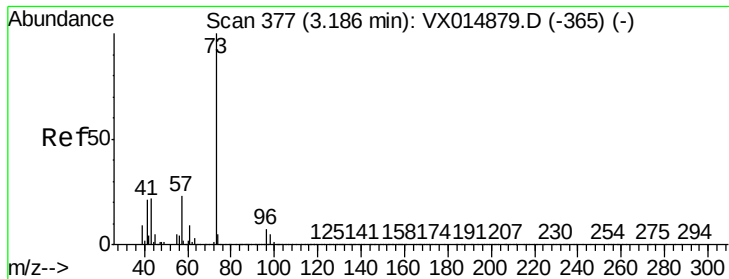
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#18
Methyl Acetate
Concen: 45.875 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.9	19.4	29.0





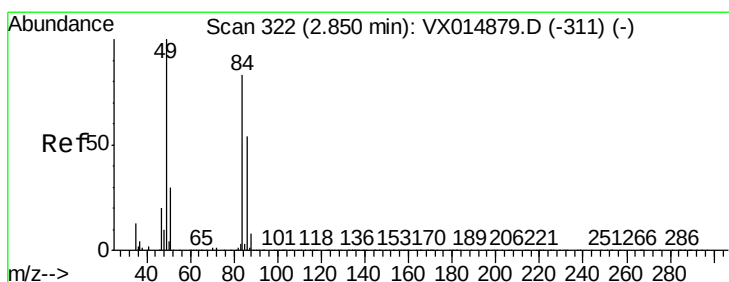
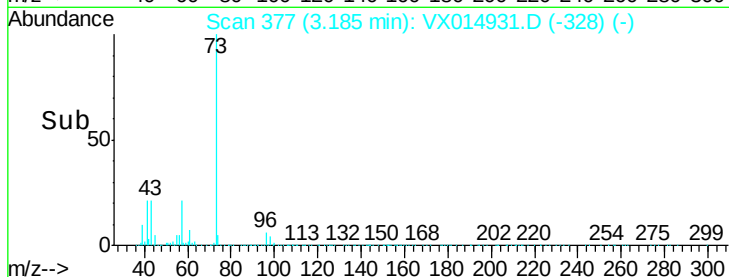
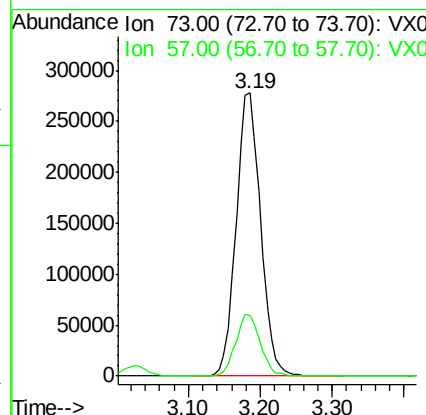
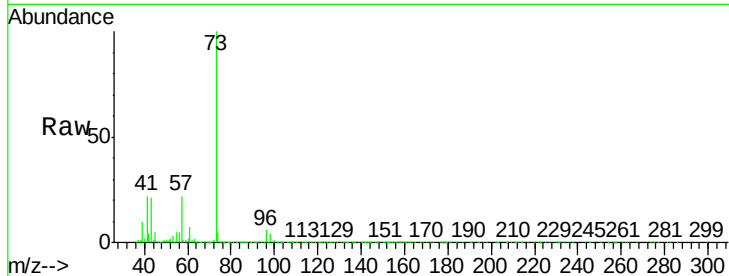
#19
Methyl tert-butyl Ether
Concen: 46.267 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
SS052MW772-200211MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	18.2	27.4

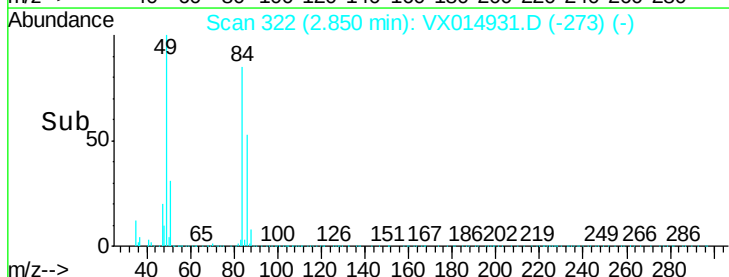
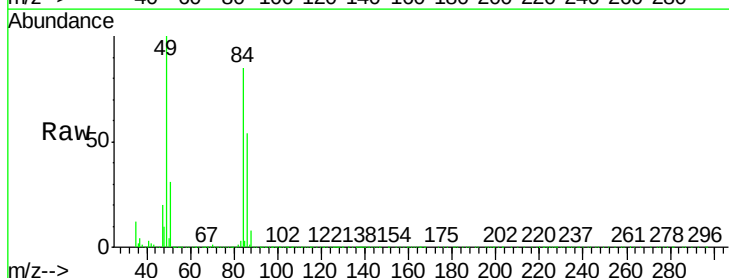
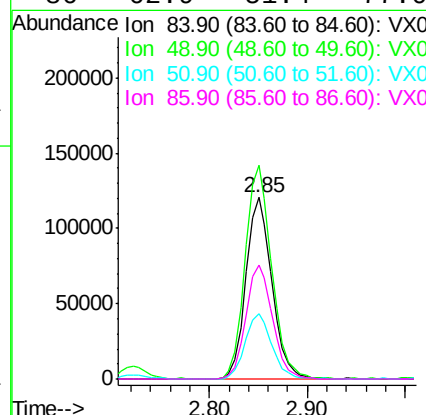
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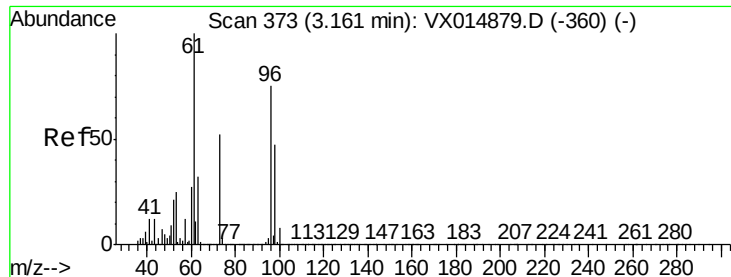
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#20
Methylene Chloride
Concen: 43.119 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.7	95.6	143.4
51	36.0	29.0	43.6
86	62.9	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 45.050 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

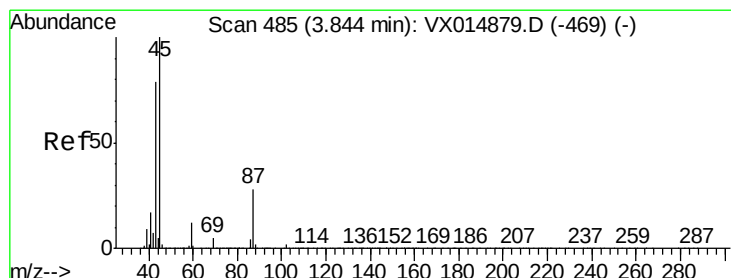
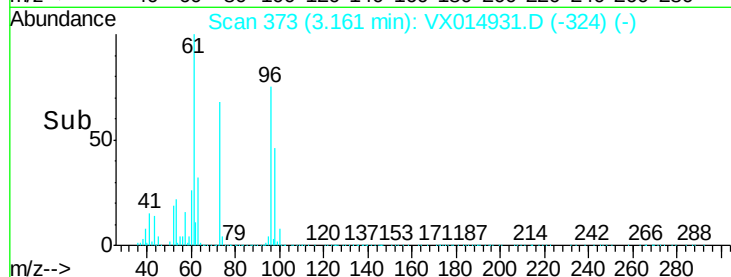
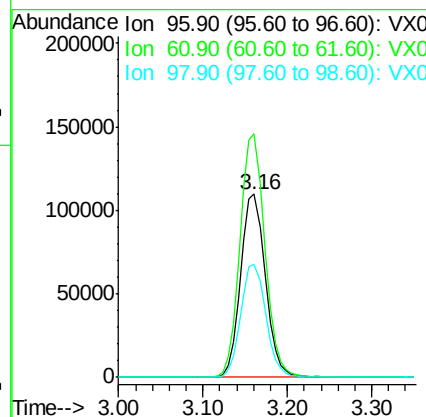
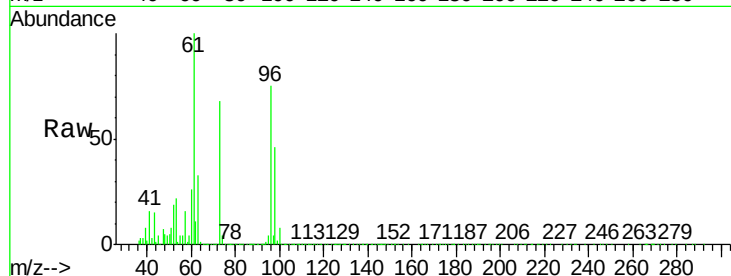
ClientSampleId :

SS052MW772-200211MS

Tot Ion:	96	Resp:	216390
Ion	Ratio	Lower	Upper
96	100		
61	133.0	106.9	160.3
98	61.6	50.7	76.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 46.273 ug/l

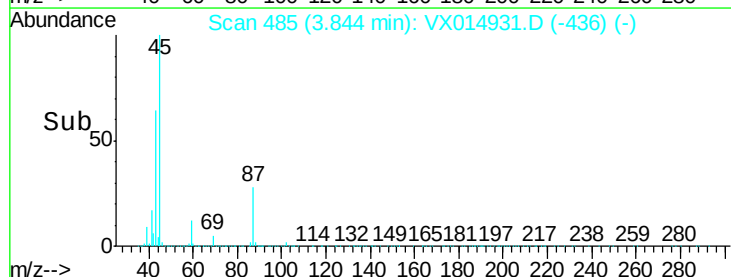
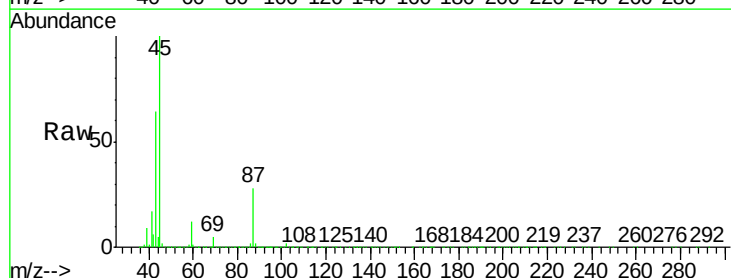
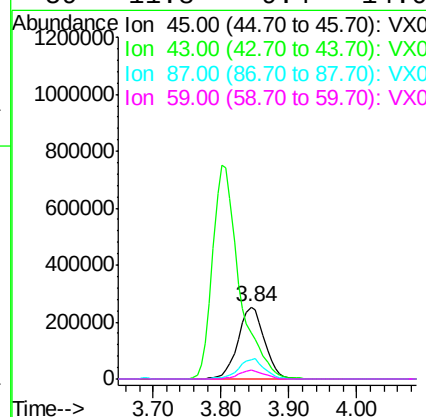
RT: 3.84 min Scan# 485

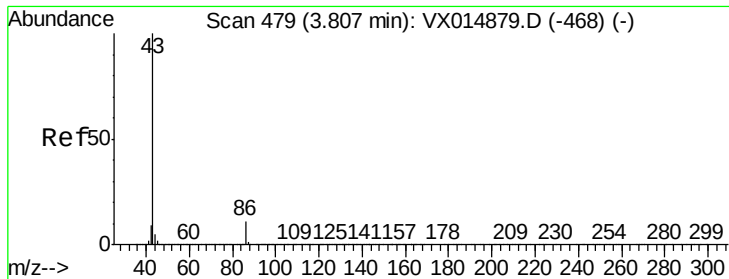
Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Tgt Ion:	45	Resp:	682093
Ion	Ratio	Lower	Upper
45	100		
43	64.0	63.5	95.3
87	27.6	22.2	33.4
59	11.8	9.4	14.0





#23

Vinyl Acetate

Concen: 169.128 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

SS052MW772-200211MS

Tot Ion: 43 Resp: 2055161

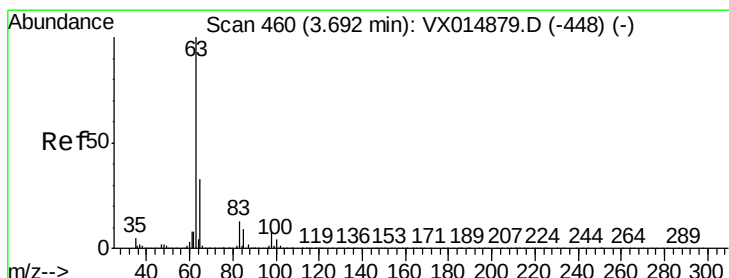
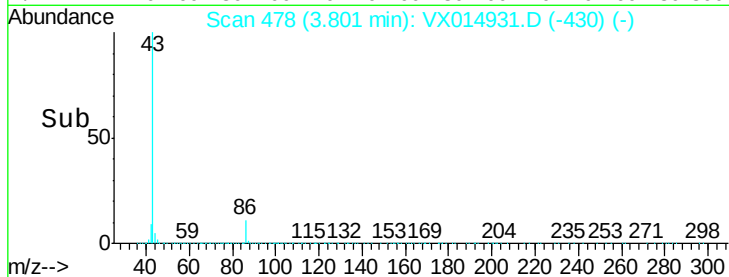
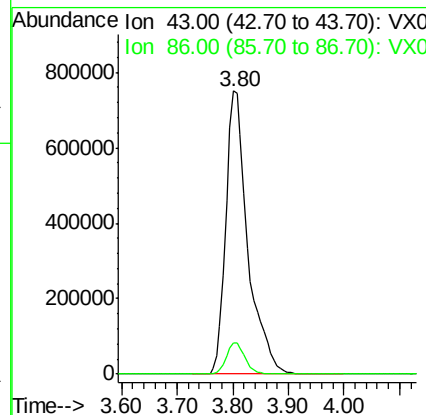
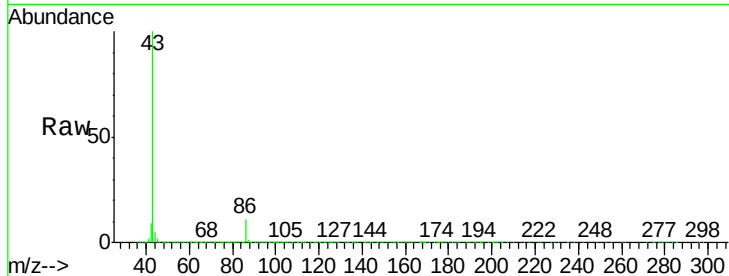
Ion Ratio Lower Upper

43 100

86 11.1 8.9 13.3

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#24

1,1-Dichloroethane

Concen: 45.392 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

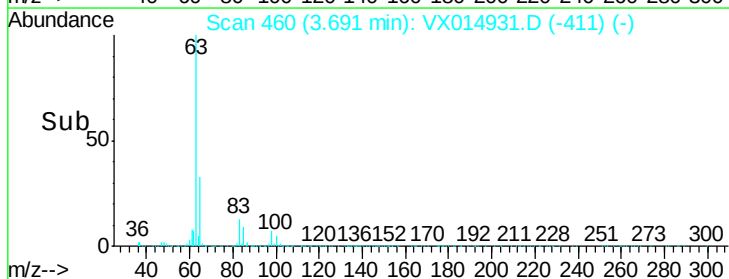
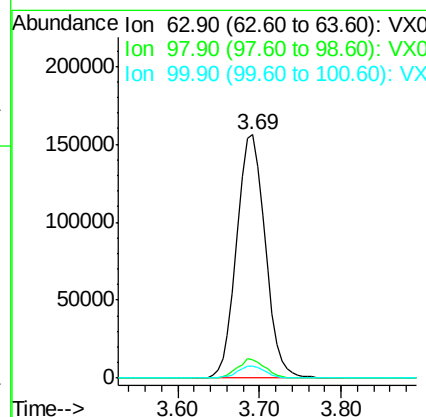
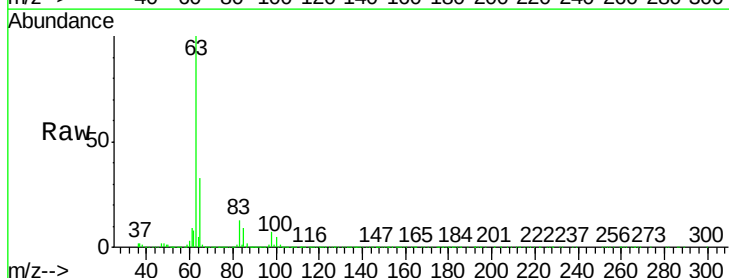
Tgt Ion: 63 Resp: 377629

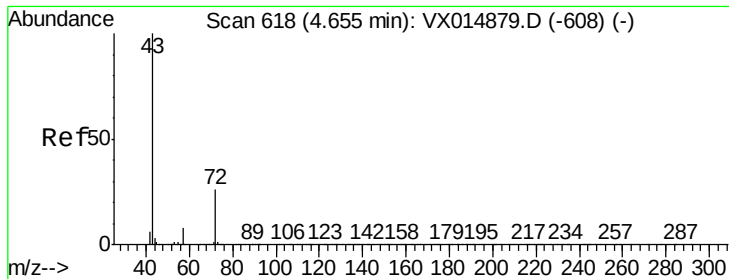
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.5

100 4.8 2.2 6.6





#25

2-Butanone

Concen: 210.858 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

SS052MW772-200211MS

Tot Ion: 43 Resp: 769420

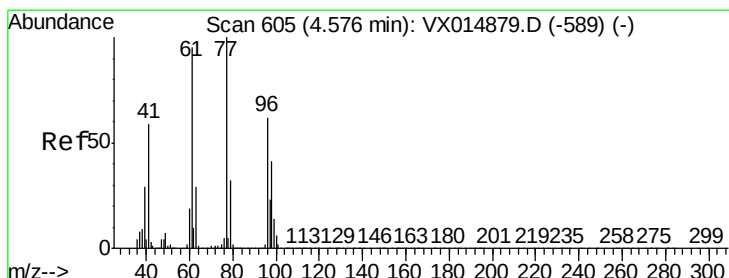
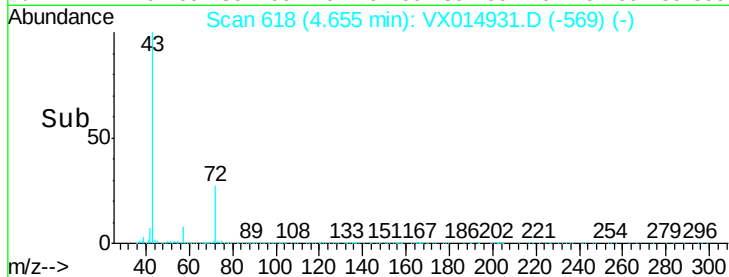
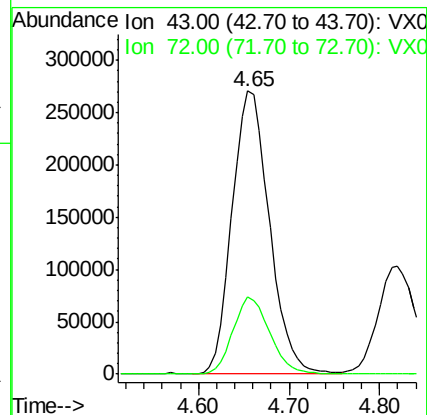
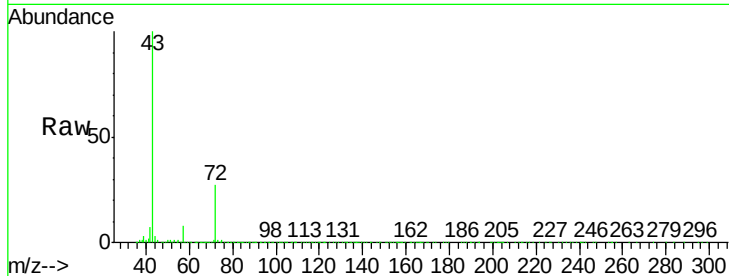
Ion Ratio Lower Upper

43 100

72 27.1 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 41.097 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX014931.D

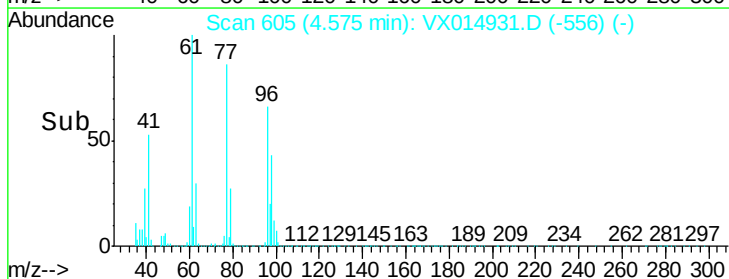
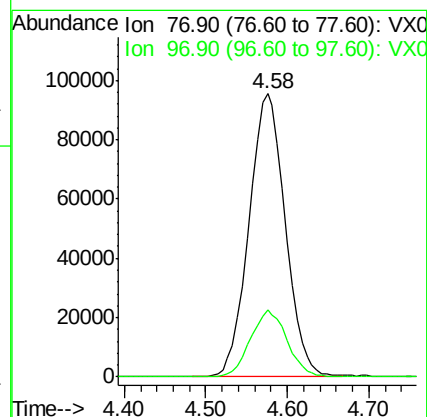
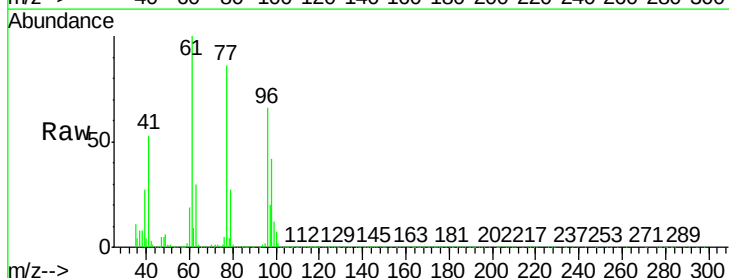
Acq: 12 Feb 2020 17:16

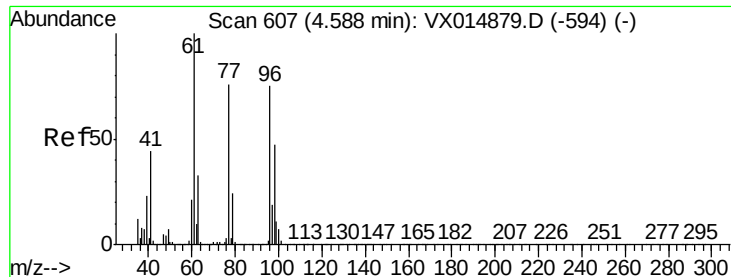
Tgt Ion: 77 Resp: 294651

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.5





#27

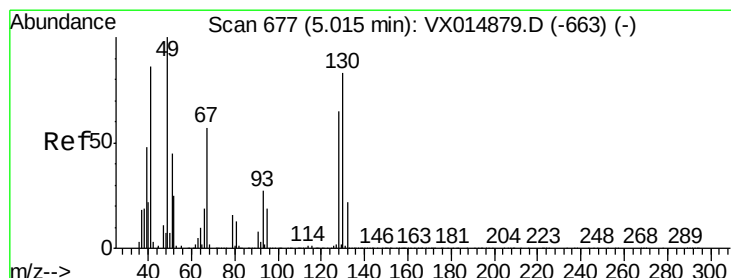
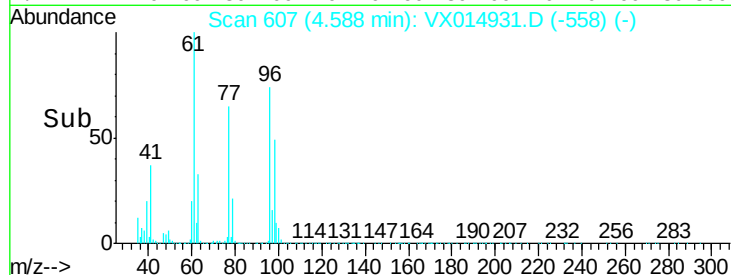
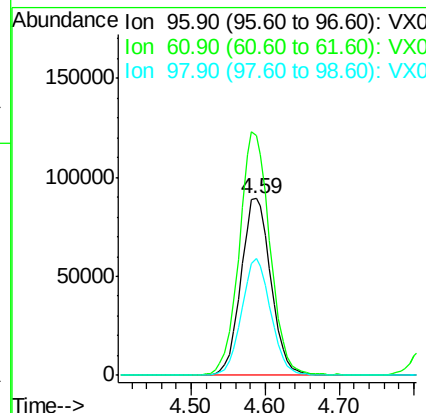
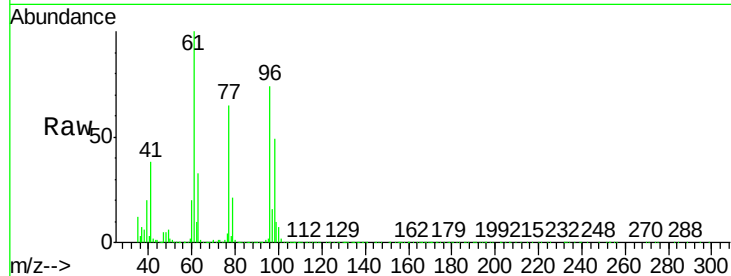
cis-1,2-Dichloroethene
Concen: 47.000 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
SS052MW772-200211MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.6	0.0	286.2
98	64.7	0.0	131.0

Manual Integrations
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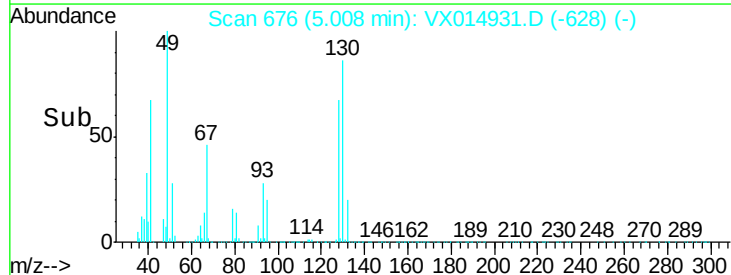
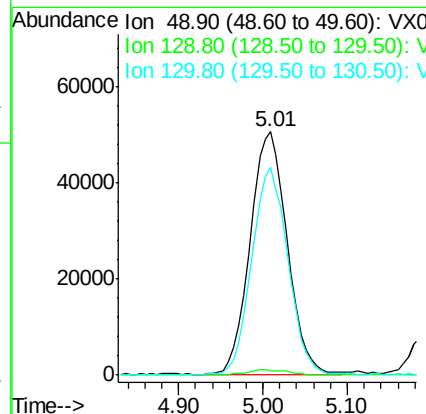
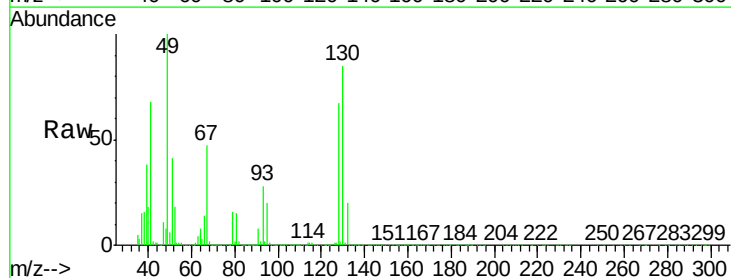
MMDadoda
2/13/2020 11:14:44 AM

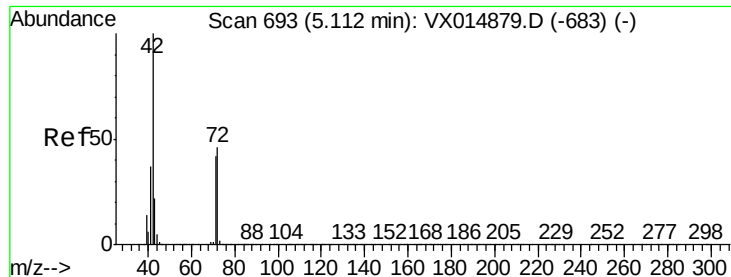


#28

Bromochloromethane
Concen: 47.156 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.2
130	83.6	67.4	101.2





#29

Tetrahydrofuran

Concen: 241.703 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

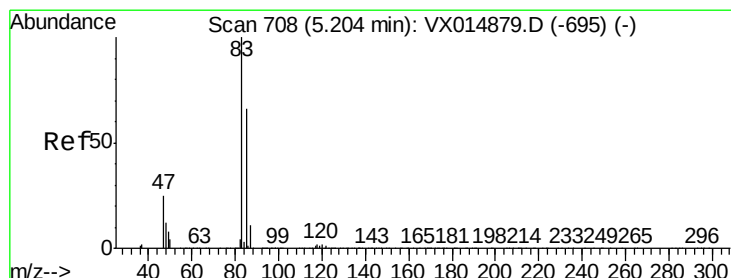
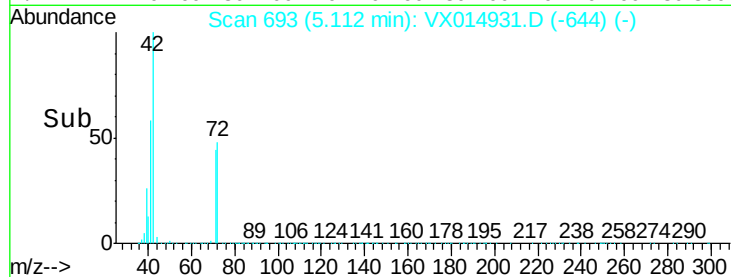
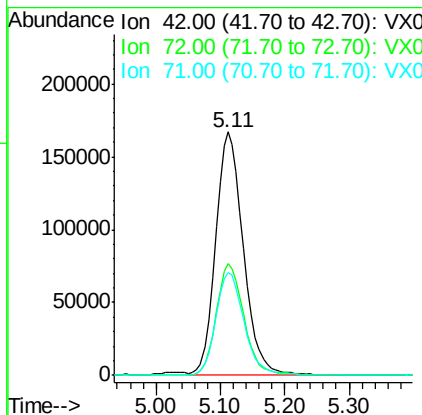
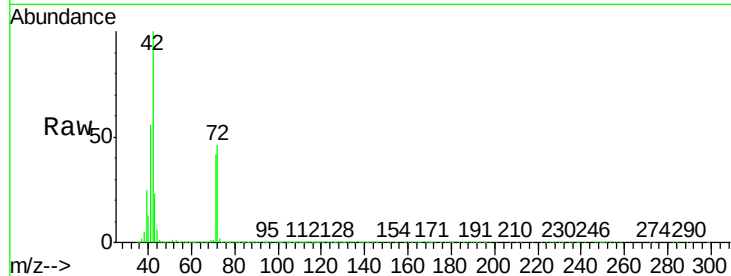
ClientSampleId :

SS052MW772-200211MS

Tot Ion:	42	Resp:	501374
Ion Ratio		Lower	Upper
42	100		
72	46.7	36.9	55.3
71	42.9	34.1	51.1

Manual Integrations
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2/13/2020 11:14:44 AM



#30

Chloroform

Concen: 47.003 ug/l

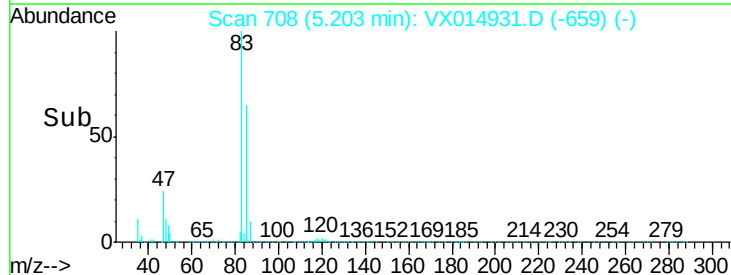
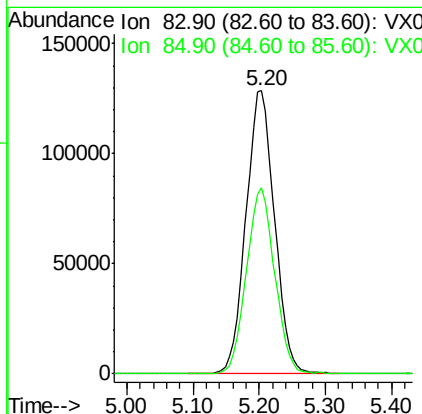
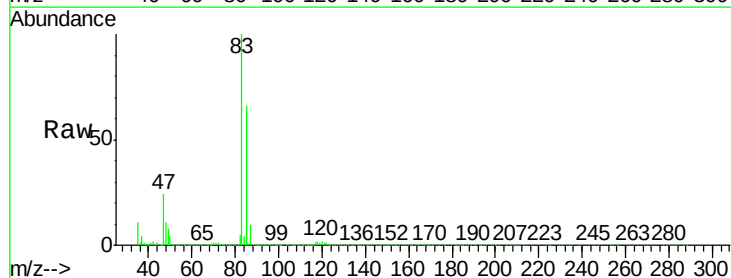
RT: 5.20 min Scan# 708

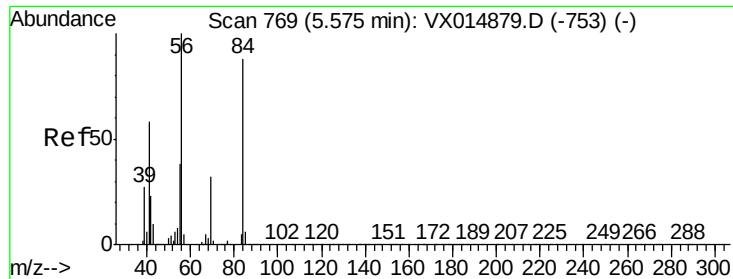
Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Tgt Ion:	83	Resp:	387967
Ion Ratio		Lower	Upper
83	100		
85	65.7	52.9	79.3





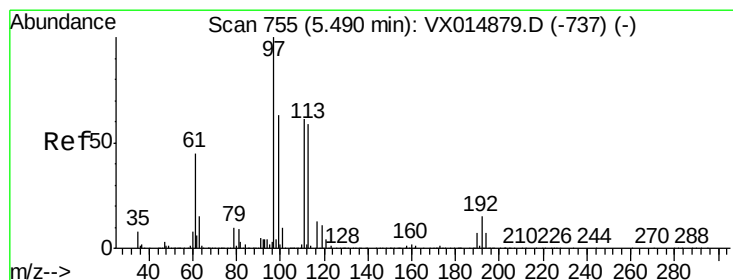
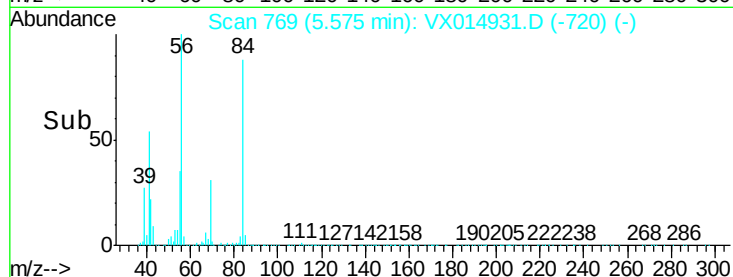
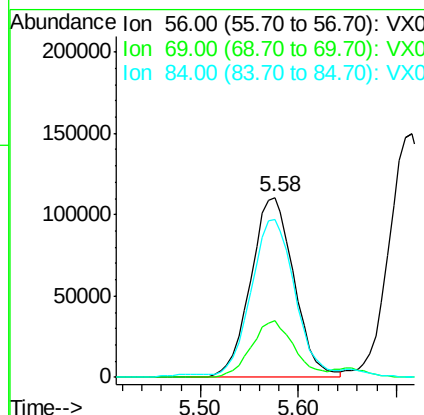
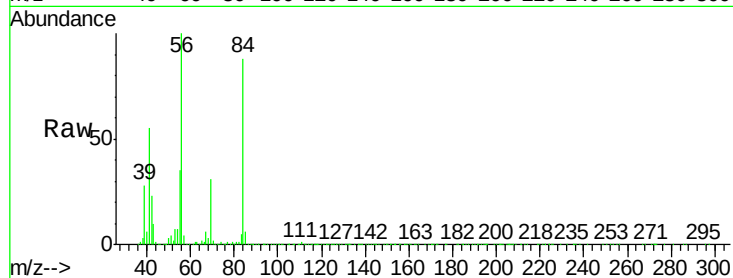
#31
Cyclohexane
Concen: 44.840 ug/l
RT: 5.58 min Scan# 769
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
SS052MW772-200211MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	25.9	38.9
84	86.3	70.4	105.6

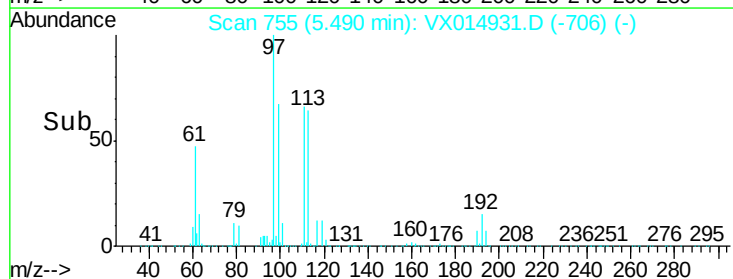
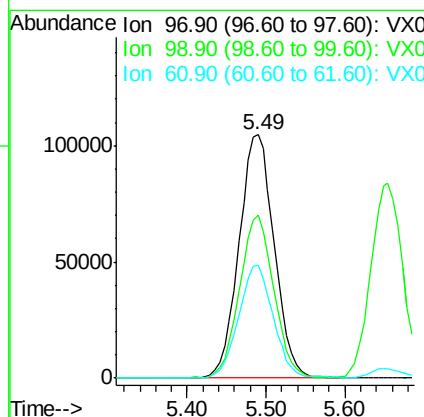
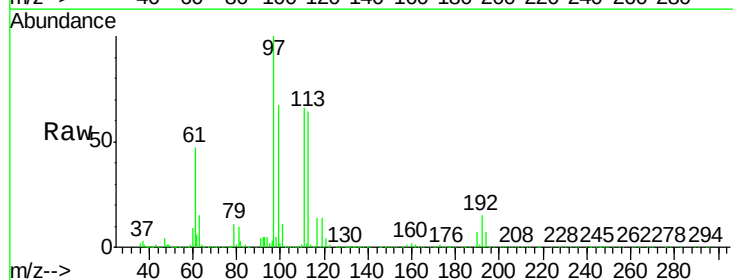
Manual Integrations
APPROVED

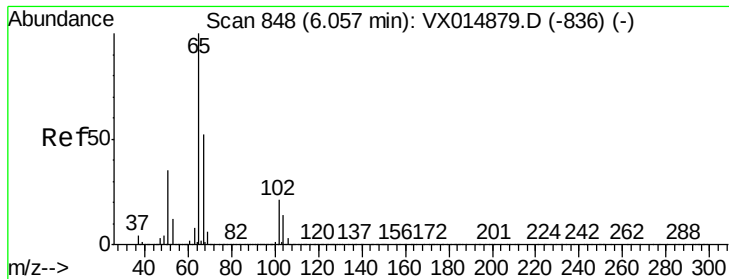
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 44.911 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.0	76.6
61	45.6	36.3	54.5





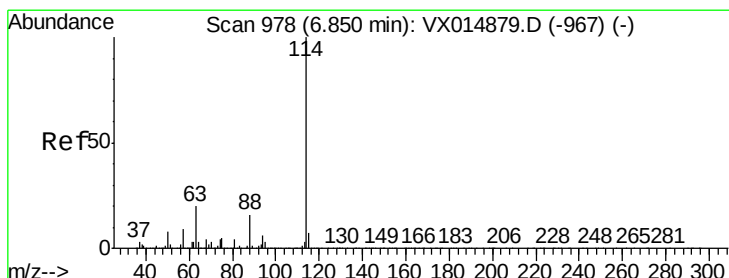
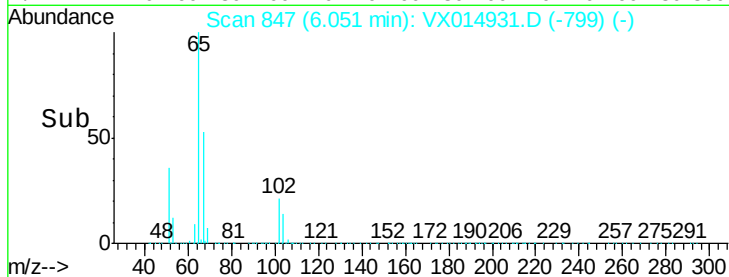
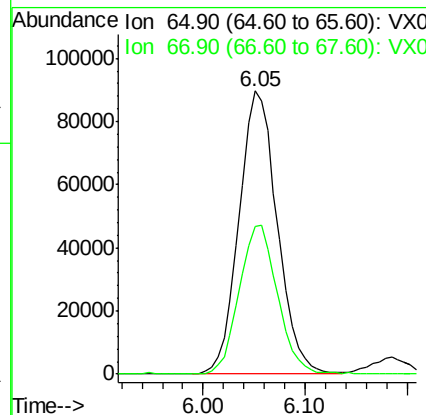
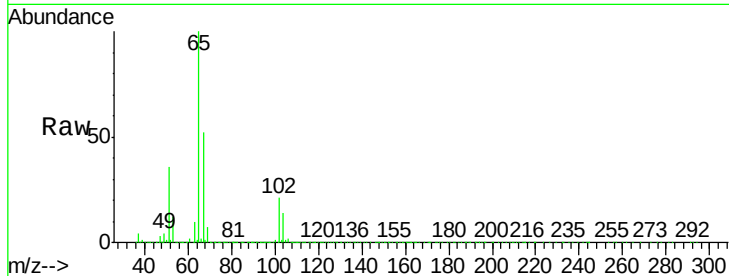
#33
 1,2-Dichloroethane-d4
 Concen: 43.364 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW772-200211MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	232427		
67	52.6	0.0	103.0	

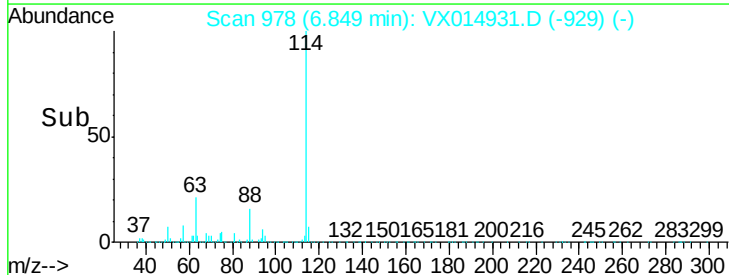
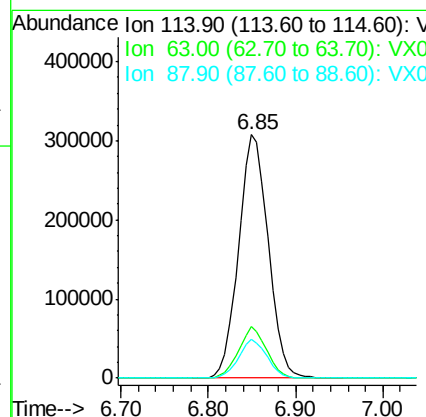
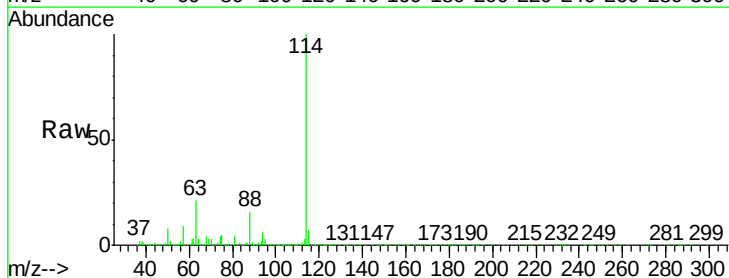
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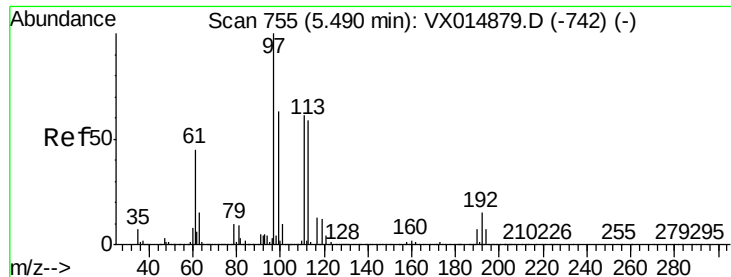
MMDadoda
 2/13/2020 11:14:44 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	722160		
63	20.9	0.0	39.2	
88	16.0	0.0	32.0	





#35

Dibromofluoromethane

Concen: 43.206 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

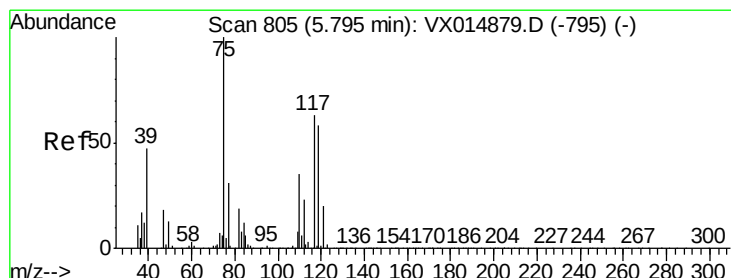
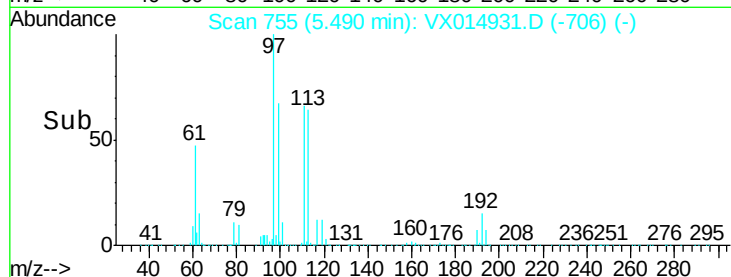
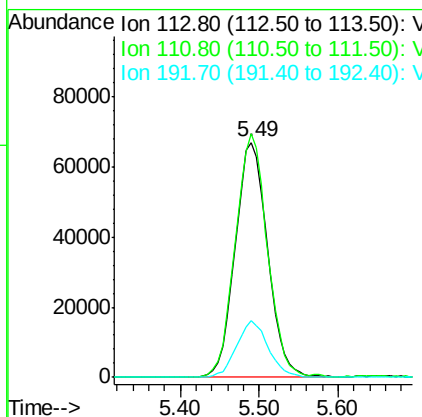
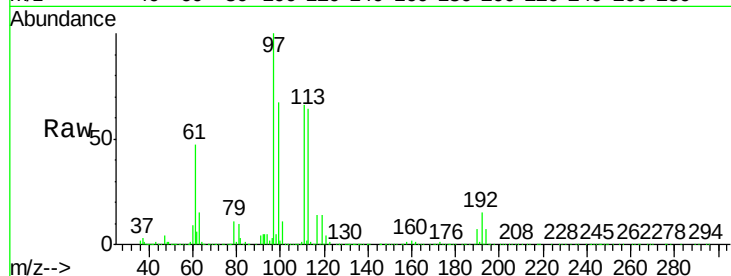
ClientSampleId :

SS052MW772-200211MS

Tot Ion:	113	Resp:	191818
Ion Ratio	Lower	Upper	
113	100		
111	102.8	82.4	123.6
192	23.6	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 44.595 ug/l

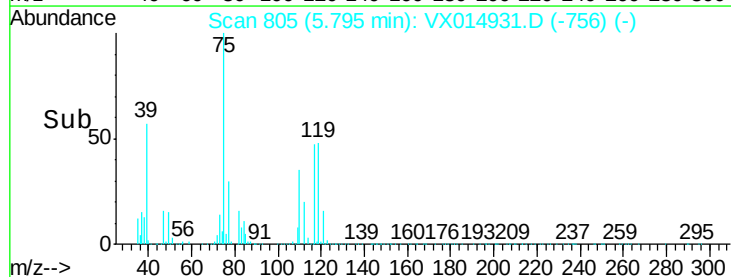
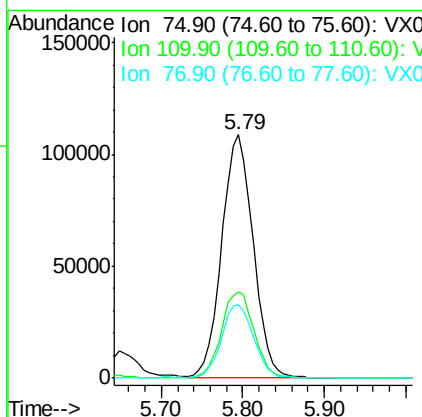
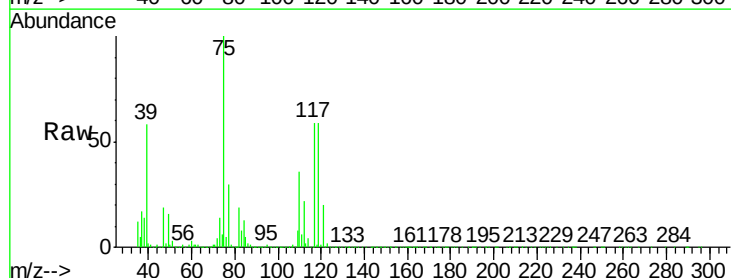
RT: 5.79 min Scan# 805

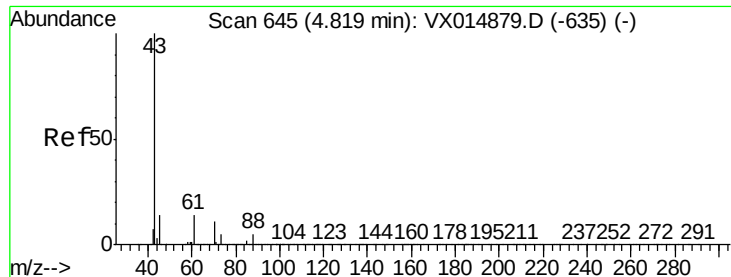
Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Tgt Ion:	75	Resp:	288079
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.3	54.8
77	30.6	24.6	36.8





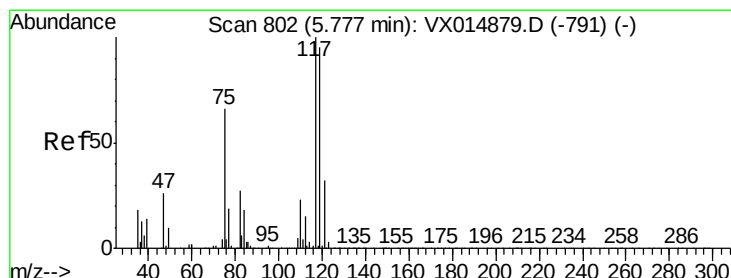
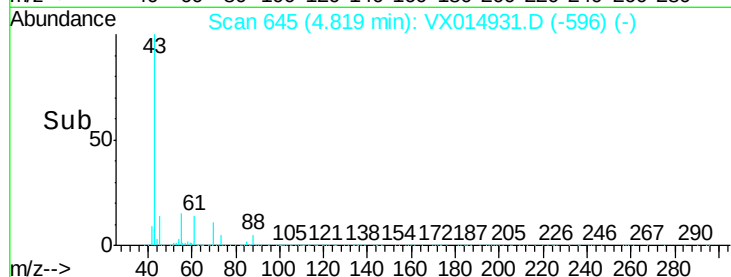
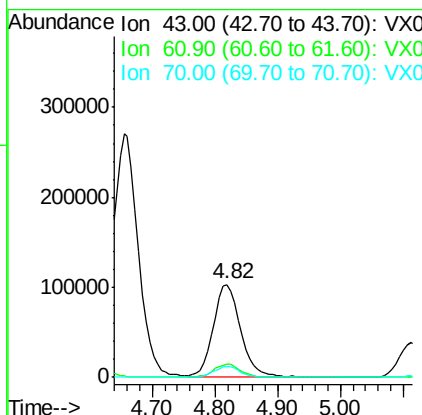
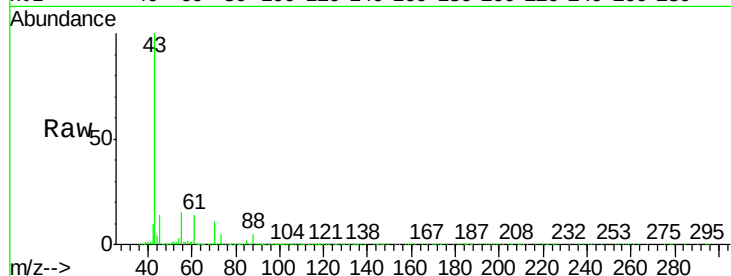
#37
Ethyl Acetate
Concen: 45.964 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
SS052MW772-200211MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.9	16.3
70	11.2	8.7	13.1

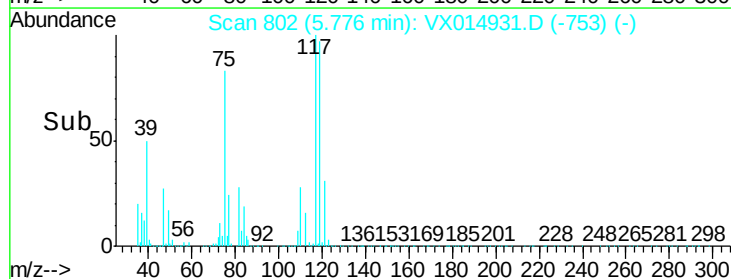
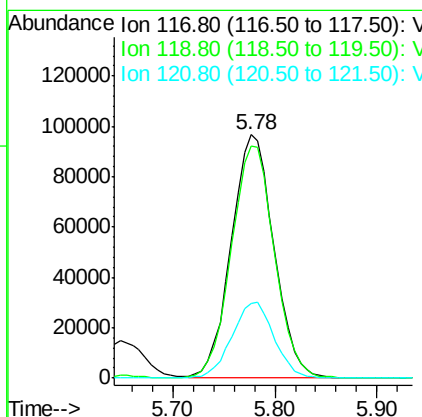
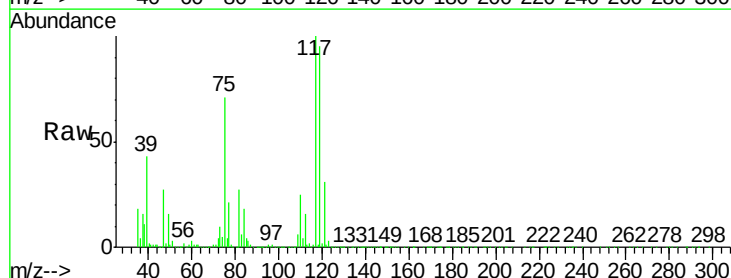
Manual Integrations
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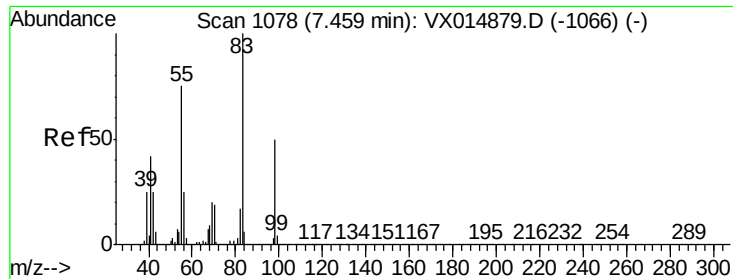
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#38
Carbon Tetrachloride
Concen: 44.174 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.0	114.0
121	30.8	25.4	38.2





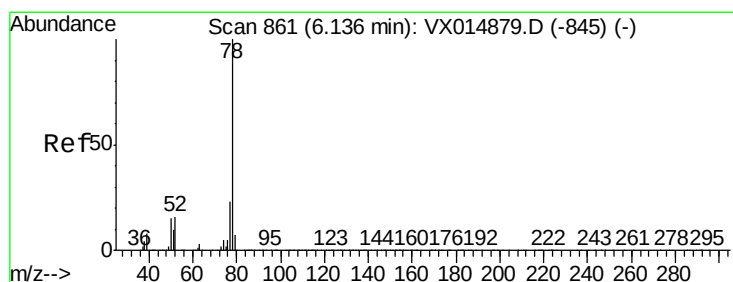
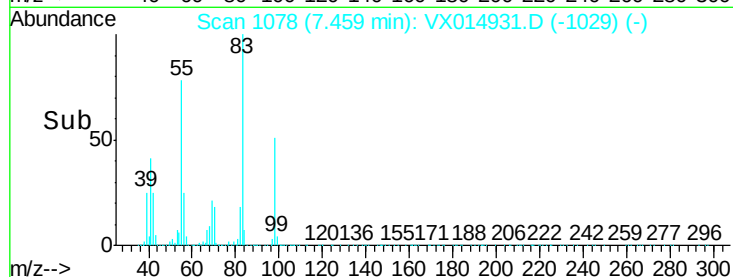
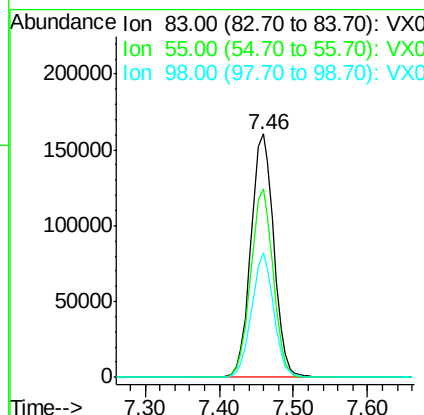
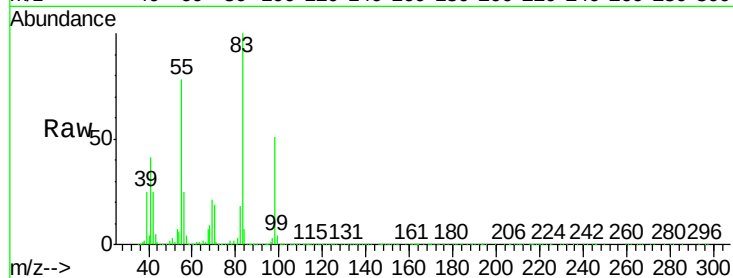
#39
Methylvlcyclohexane
Concen: 42.874 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
SS052MW772-200211MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	346386		
55	77.6	60.0	90.0	
98	51.0	39.6	59.4	

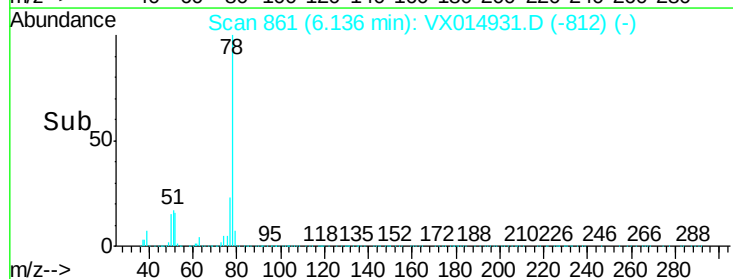
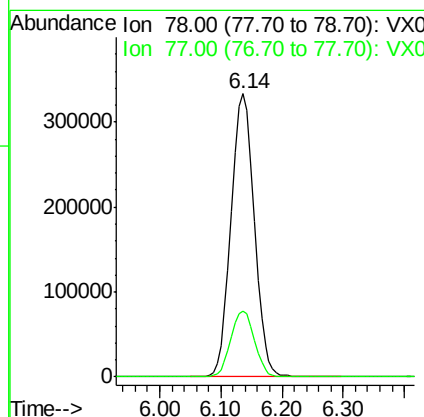
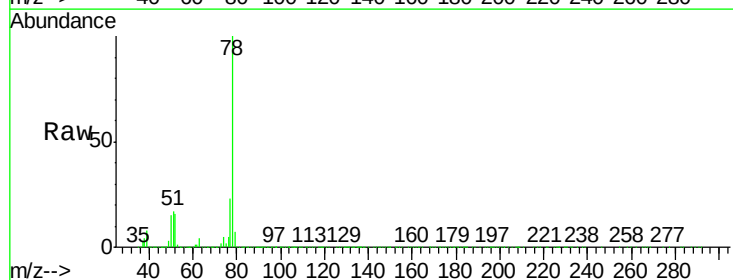
Manual Integrations
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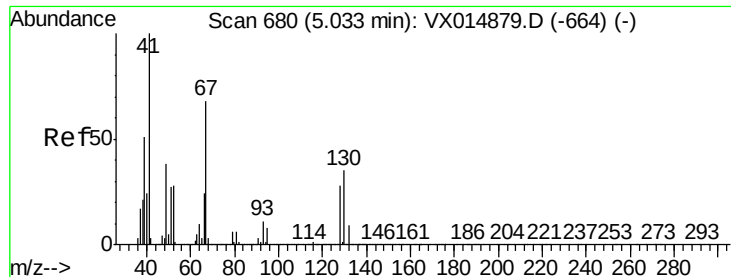
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#40
Benzene
Concen: 45.085 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	870201		
77	23.4	18.8	28.2	





#41

Methacrylonitrile

Concen: 47.568 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

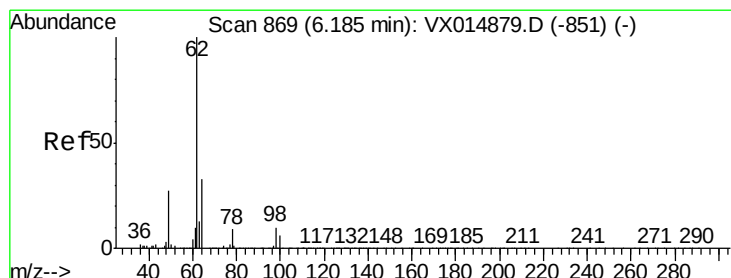
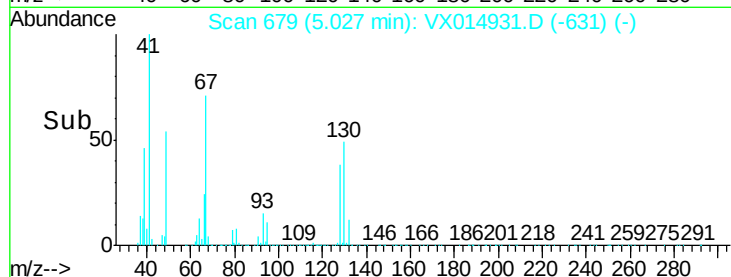
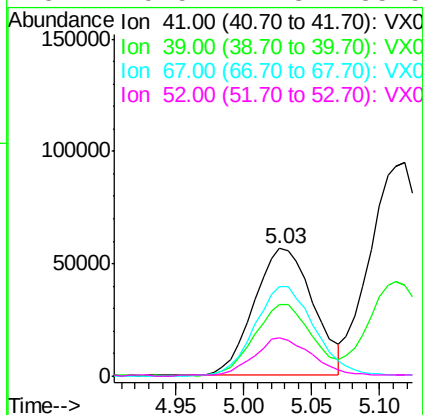
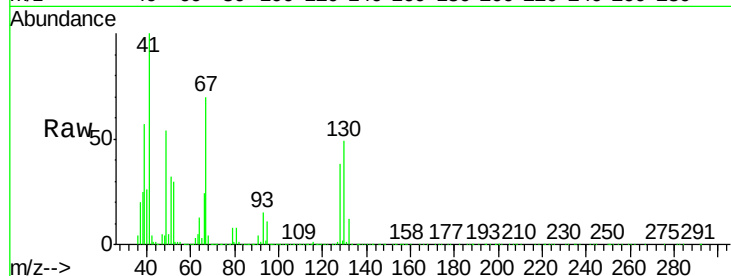
ClientSampleId :

SS052MW772-200211MS

Tot Ion	Ratio	Resp	Lower	Upper
41	100	172656		
39	55.1		44.7	67.1
67	71.1		56.6	84.8
52	29.5		22.3	33.5

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 44.471 ug/l

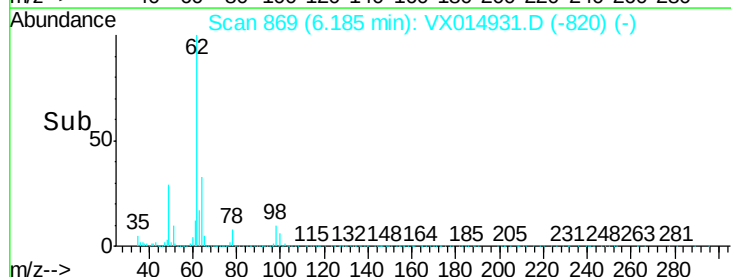
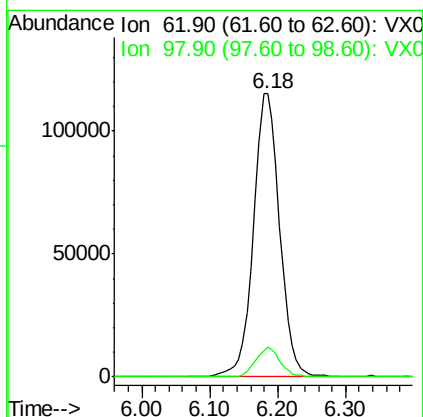
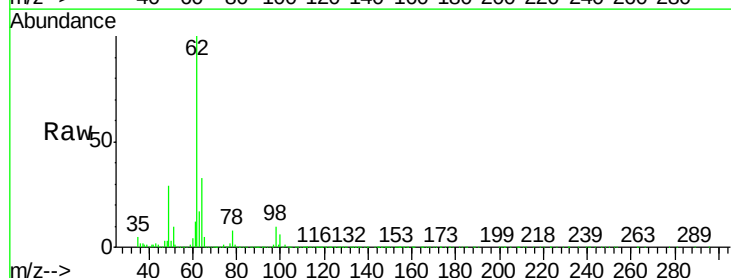
RT: 6.18 min Scan# 869

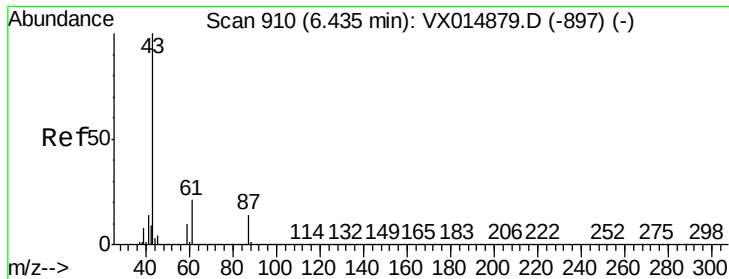
Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
62	100	310230		
98	9.9		0.0	19.2





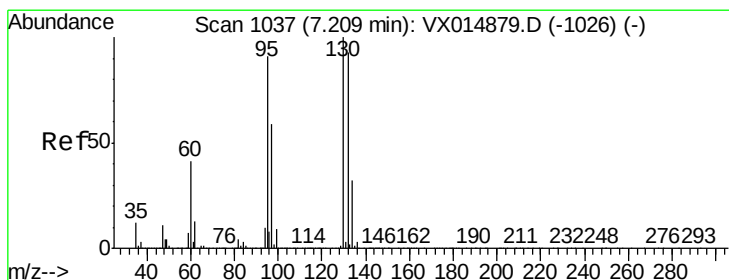
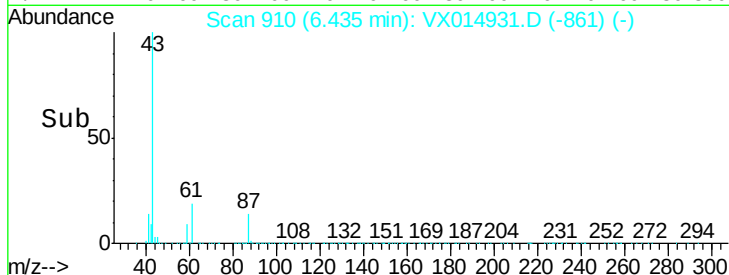
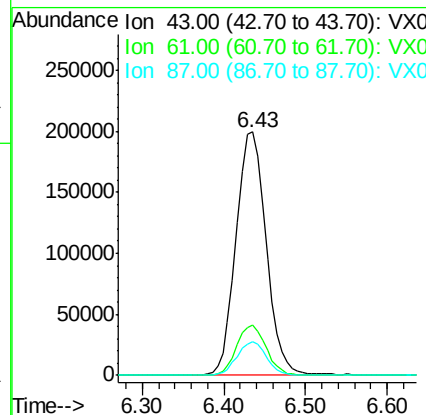
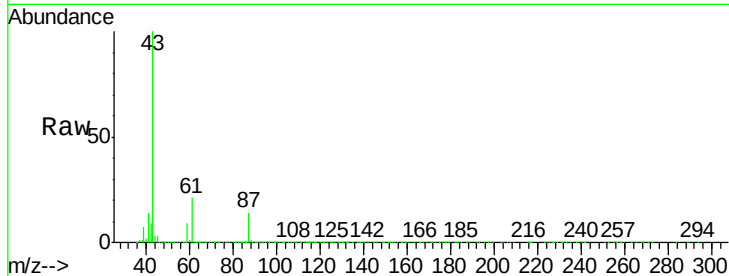
#43
Isopropyl Acetate
Concen: 45.681 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
SS052MW772-200211MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.2	24.4
87	13.5	11.0	16.6

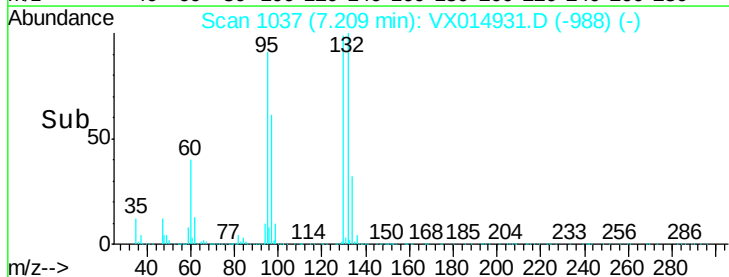
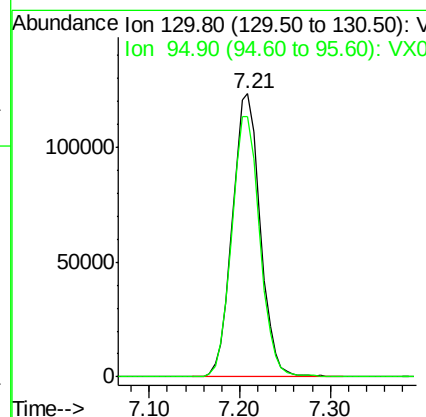
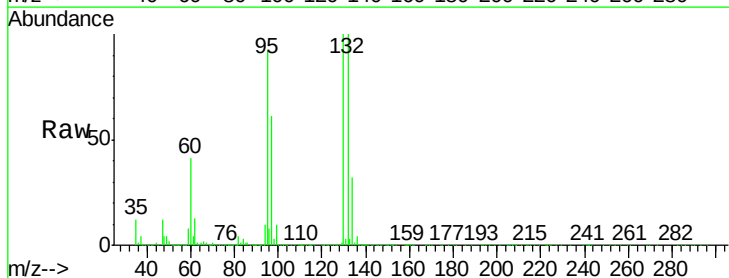
Manual Integrations
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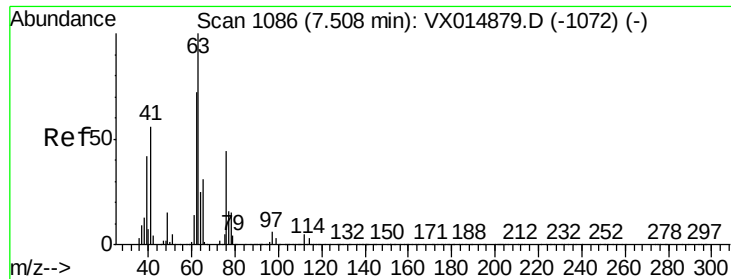
MMDadoda
2/13/2020 11:14:44 AM



#44
Trichloroethene
Concen: 47.010 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	182.6





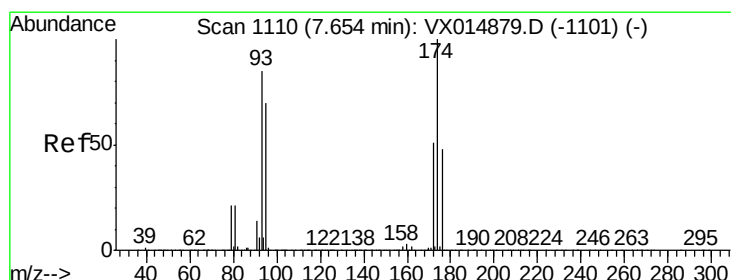
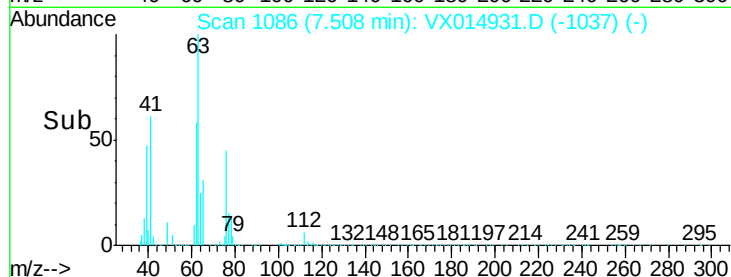
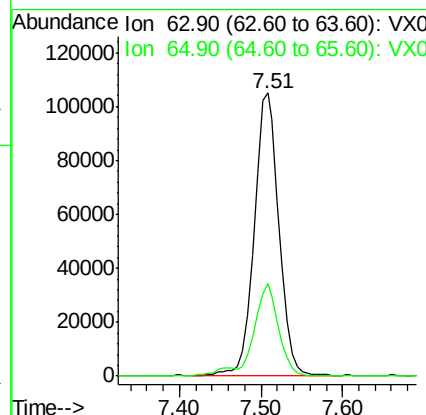
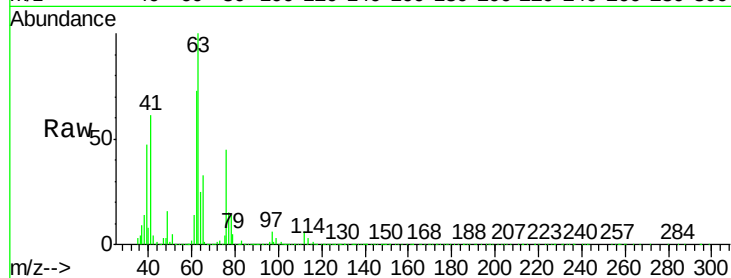
#45
 1,2-Dichloropropane
 Concen: 45.101 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW772-200211MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.6	24.9	37.3

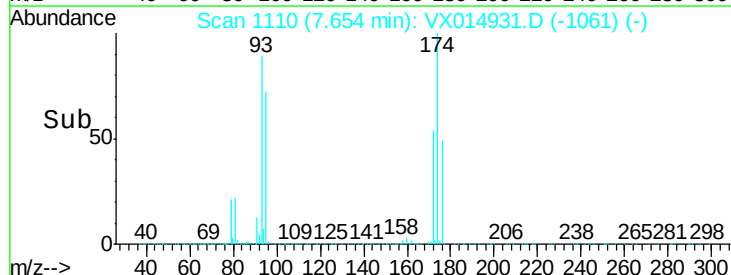
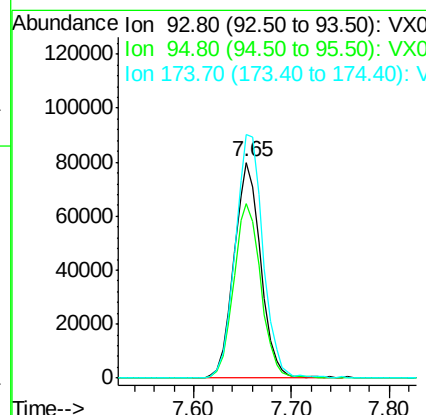
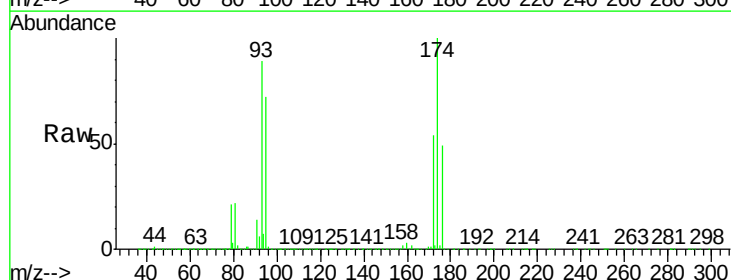
Manual Integrations
 APPROVED

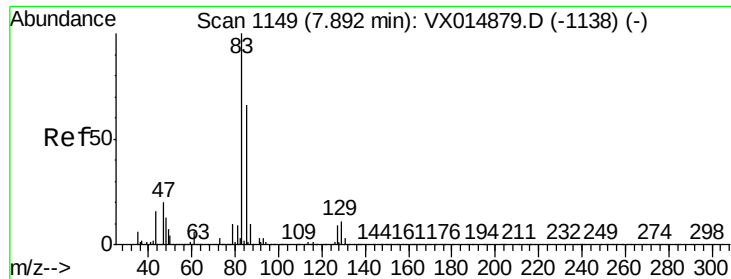
MMDadoda
 2/13/2020 11:14:44 AM



#46
 Dibromomethane
 Concen: 44.660 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	65.8	98.8
174	118.5	95.4	143.2





#47

Bromodichloromethane

Concen: 44.748 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

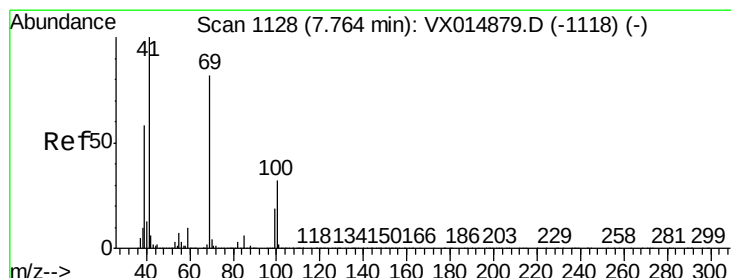
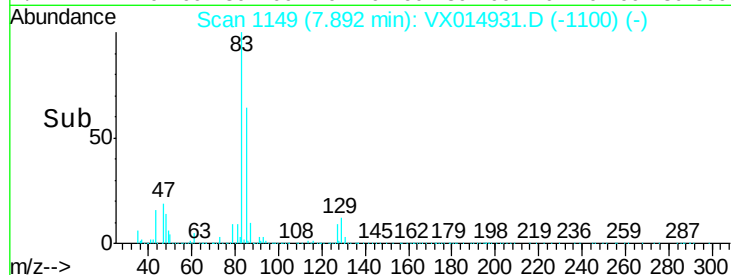
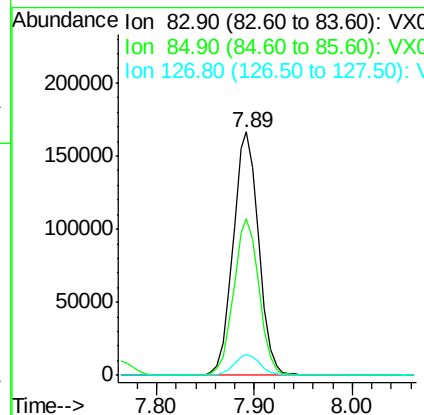
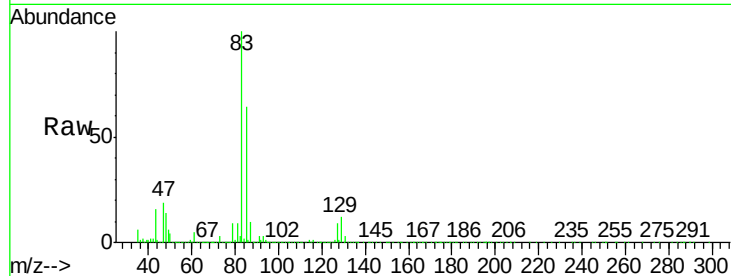
ClientSampleId :

SS052MW772-200211MS

Tot Ion:	83	Resp:	298536
Ion Ratio	Lower	Upper	
83	100		
85	64.1	52.5	78.7
127	8.7	7.4	11.0

Manual Integrations
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MMDadoda
2/13/2020 11:14:44 AM



#48

Methyl methacrylate

Concen: 46.858 ug/l

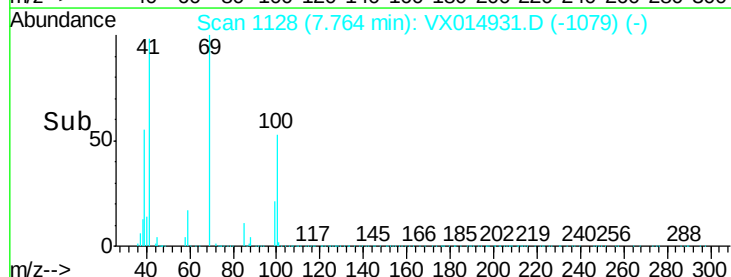
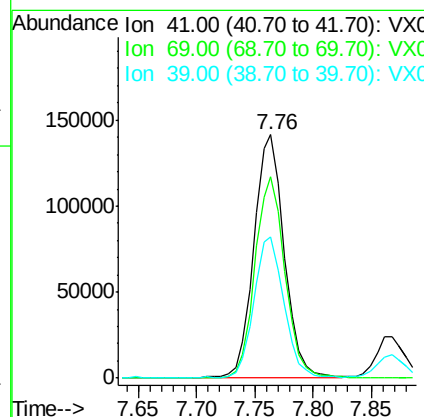
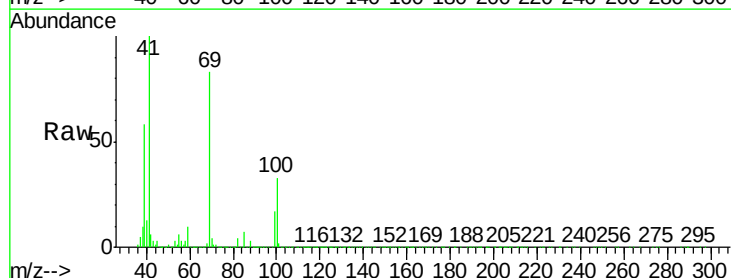
RT: 7.76 min Scan# 1128

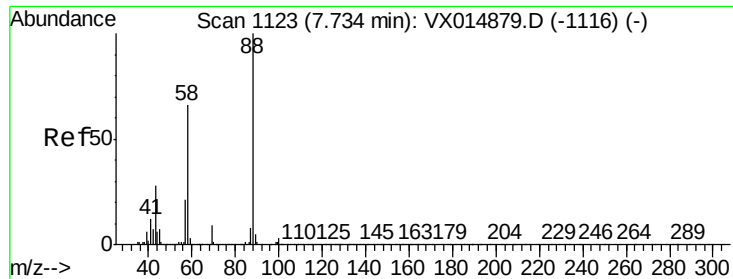
Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Tgt Ion:	41	Resp:	256306
Ion Ratio	Lower	Upper	
41	100		
69	81.9	65.7	98.5
39	58.3	45.8	68.8





#49

1,4-Dioxane

Concen: 1002.952 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

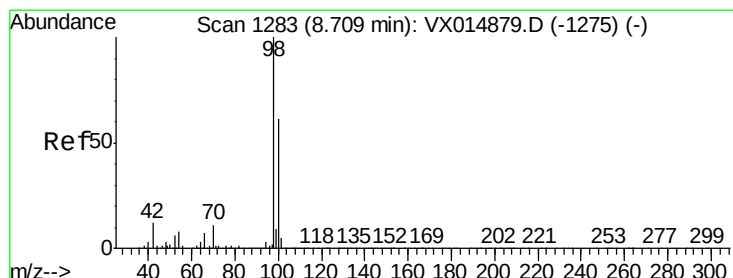
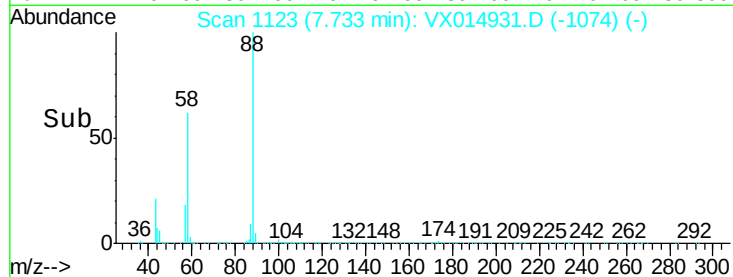
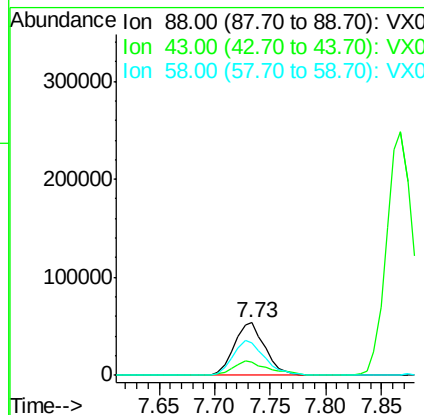
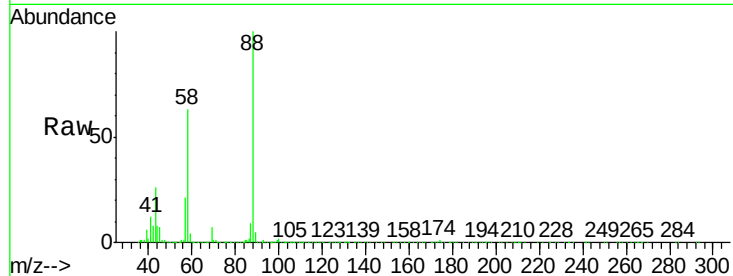
ClientSampleId :

SS052MW772-200211MS

Tot Ion:	88	Resp:	102571
Ion Ratio	Lower	Upper	
88	100		
43	31.8	27.0	40.4
58	68.6	53.2	79.8

Manual Integrations
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#50

Toluene-d8

Concen: 43.487 ug/l

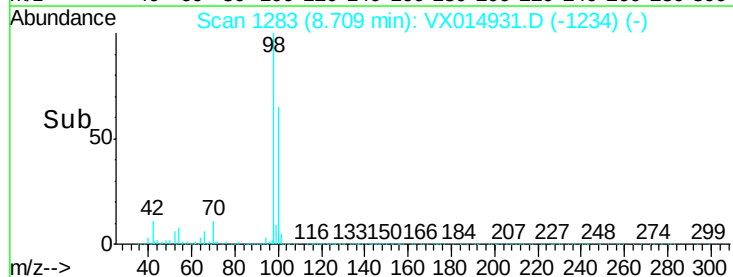
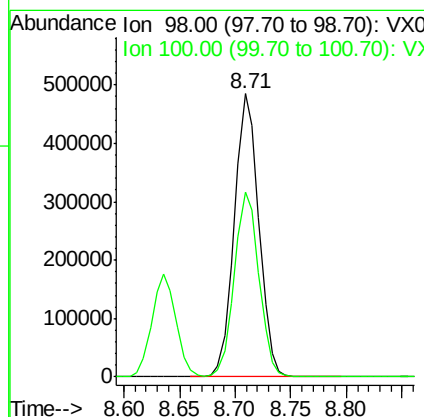
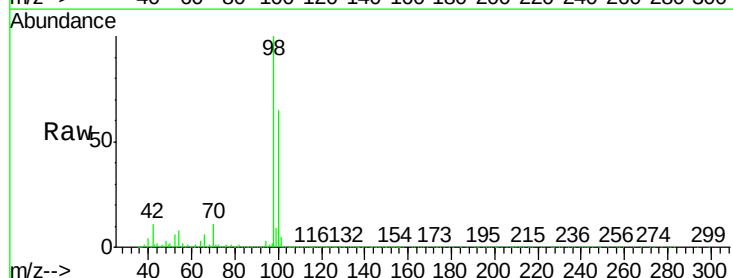
RT: 8.71 min Scan# 1283

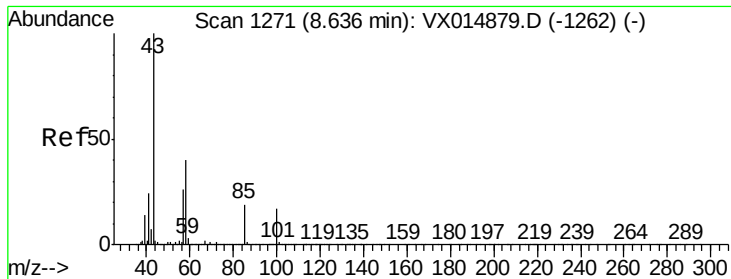
Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Tgt Ion:	98	Resp:	736951
Ion Ratio	Lower	Upper	
98	100		
100	65.8	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 234.882 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

SS052MW772-200211MS

Tot Ion: 43 Resp: 1576346

Ion Ratio Lower Upper

43 100

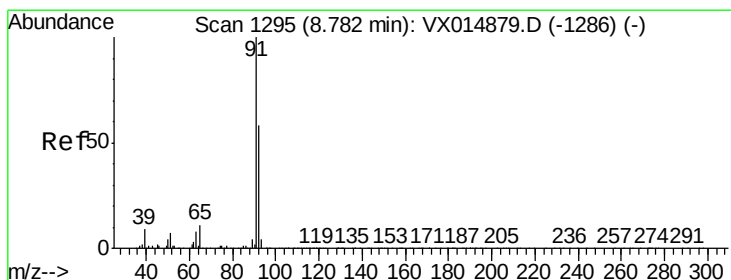
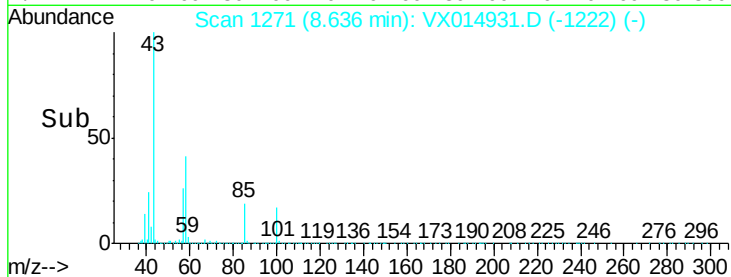
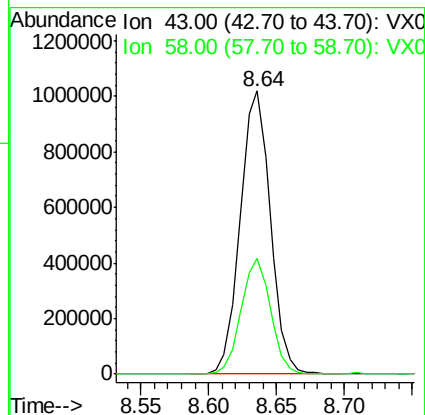
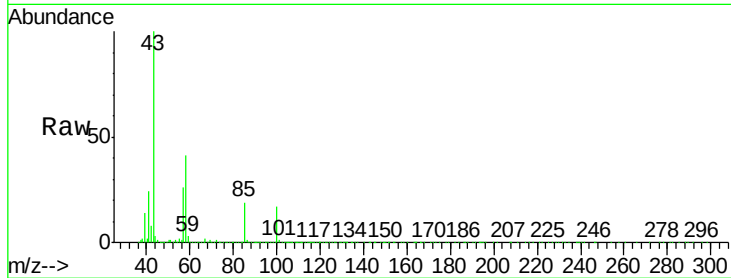
58 40.0 31.9 47.9

Manual Integrations

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#52

Toluene

Concen: 45.209 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX014931.D

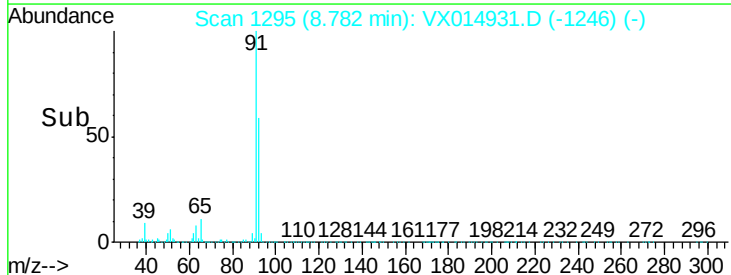
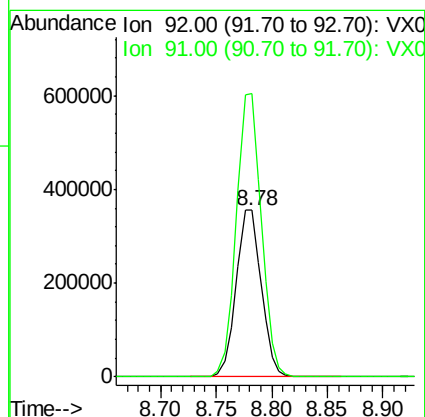
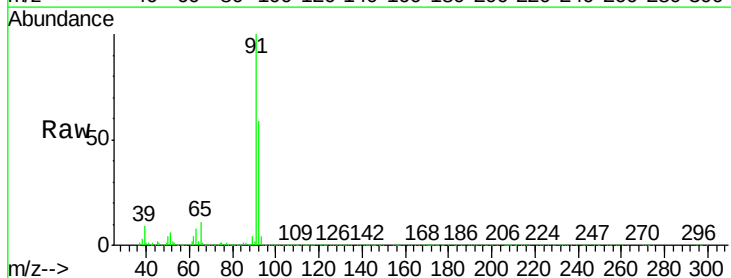
Acq: 12 Feb 2020 17:16

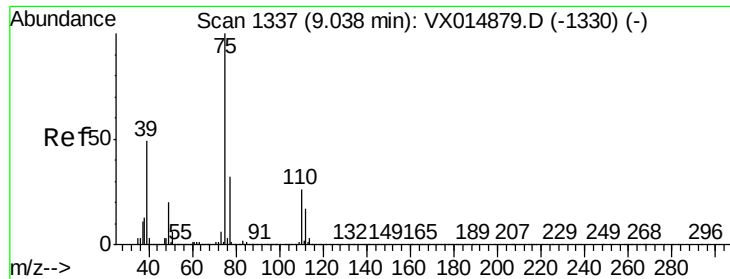
Tgt Ion: 92 Resp: 554218

Ion Ratio Lower Upper

92 100

91 170.0 137.0 205.4





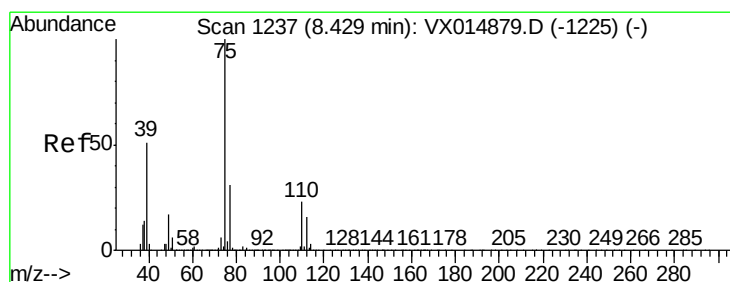
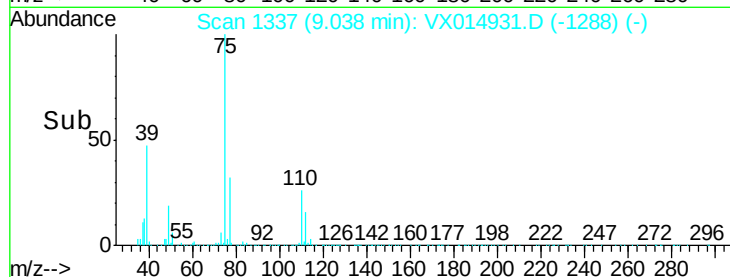
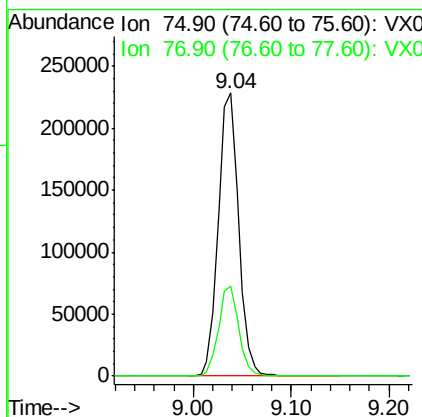
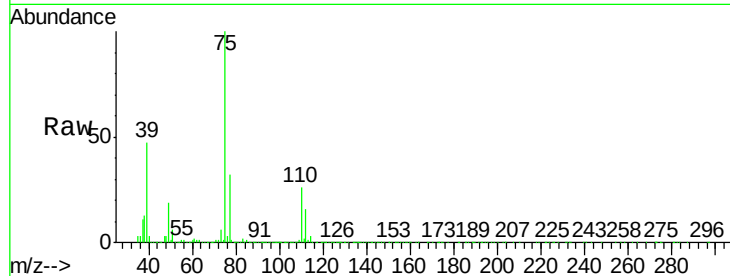
#53
t-1,3-Dichloropropene
Concen: 45.137 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
SS052MW772-200211MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.5	38.3

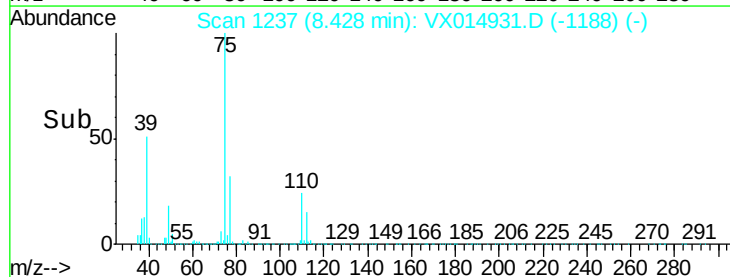
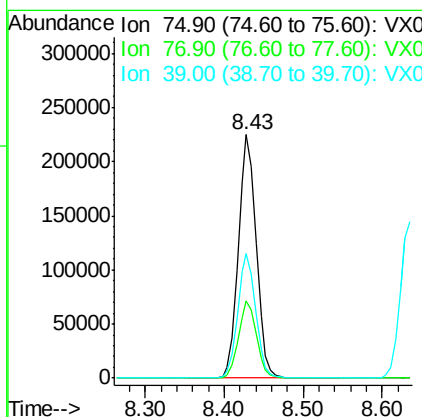
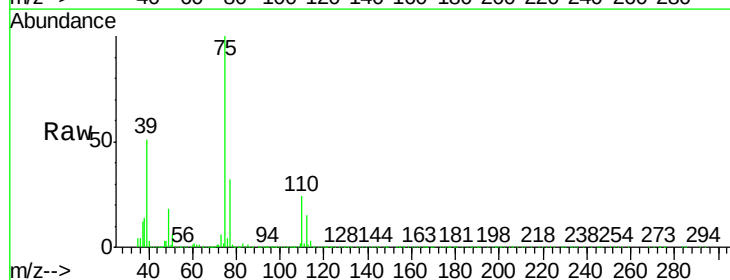
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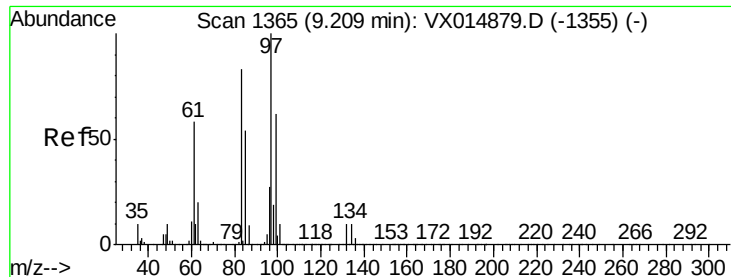
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 43.911 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.6	37.0
39	51.2	40.9	61.3





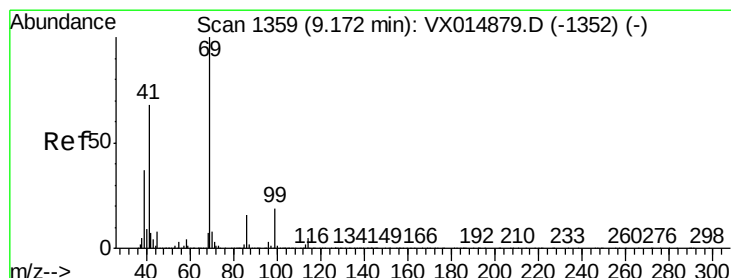
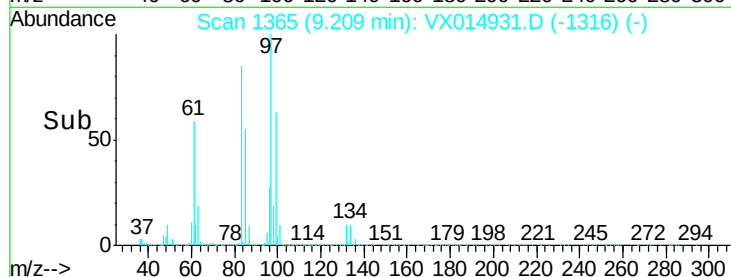
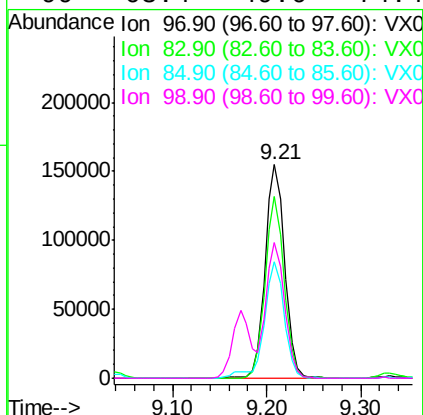
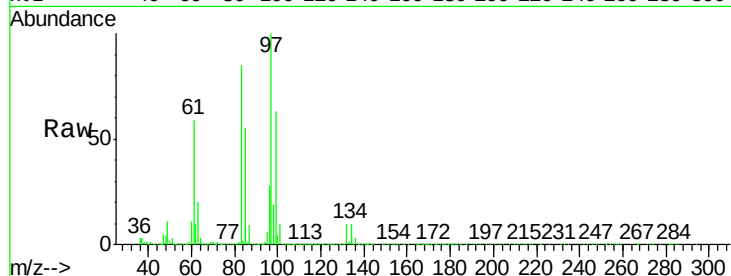
#55
 1,1,2-Trichloroethane
 Concen: 45.760 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW772-200211MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		226961		
83	84.9	66.6	99.8		
85	54.6	43.5	65.3		
99	63.4	49.6	74.4		

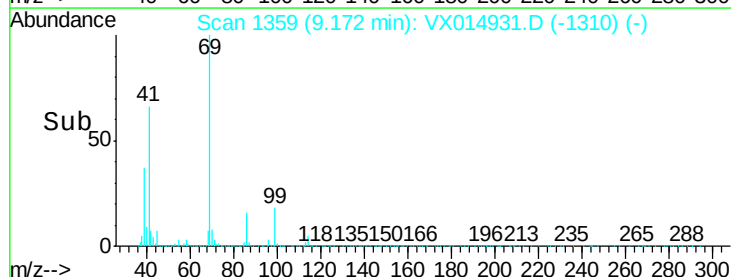
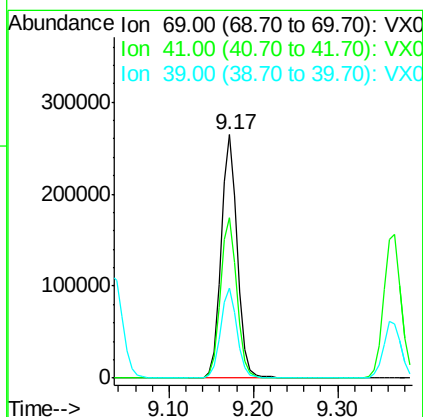
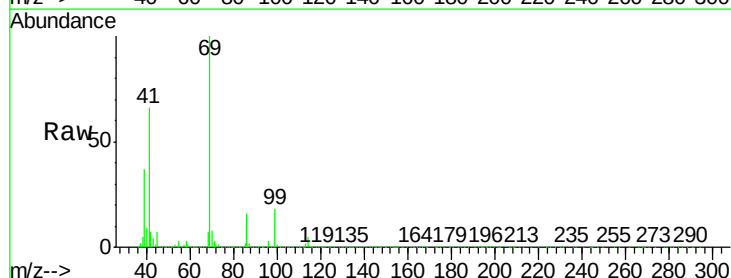
Manual Integrations
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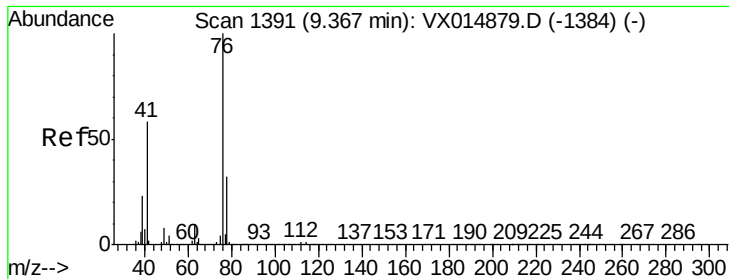
MMDadoda
 2/13/2020 11:14:44 AM



#56
 Ethyl methacrylate
 Concen: 47.045 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		350720		
41	66.9	54.8	82.2		
39	37.4	29.9	44.9		





#57

1,3-Dichloropropane

Concen: 45.001 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

SS052MW772-200211MS

Tot Ion: 76 Resp: 375709

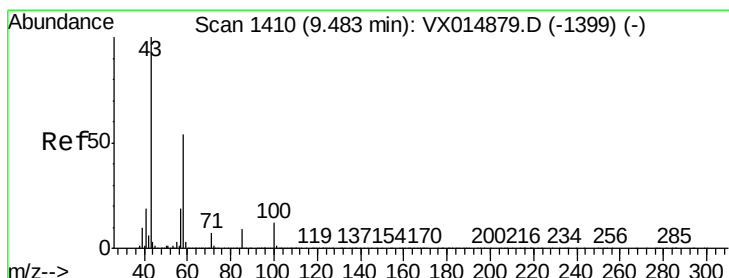
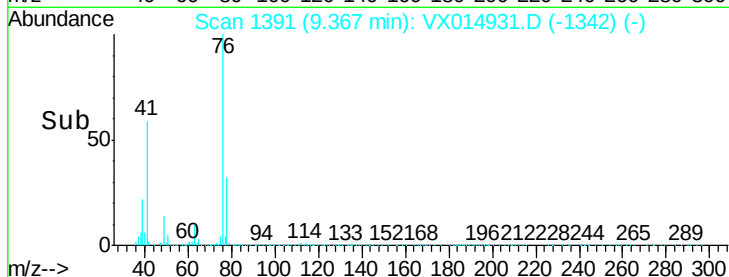
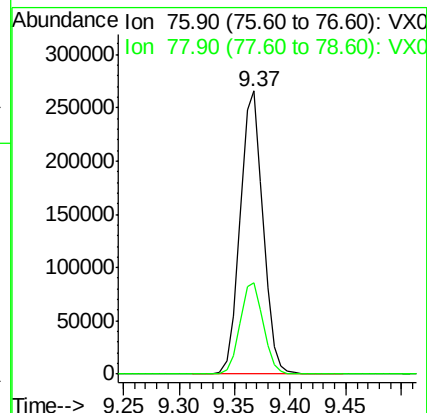
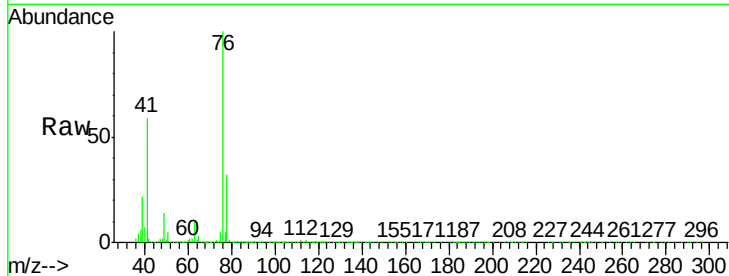
Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8

Manual Integrations
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#59

2-Hexanone

Concen: 228.128 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX014931.D

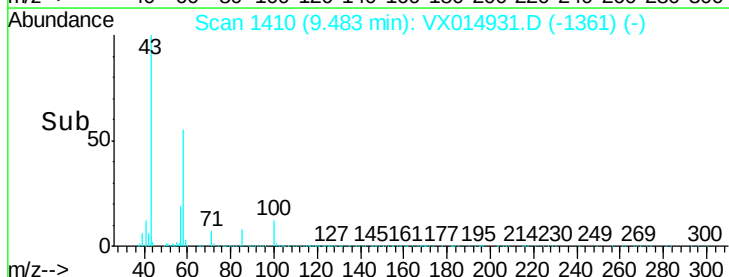
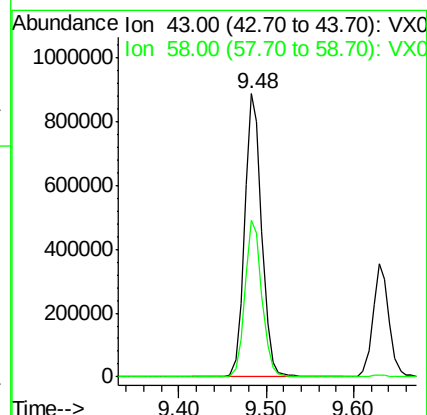
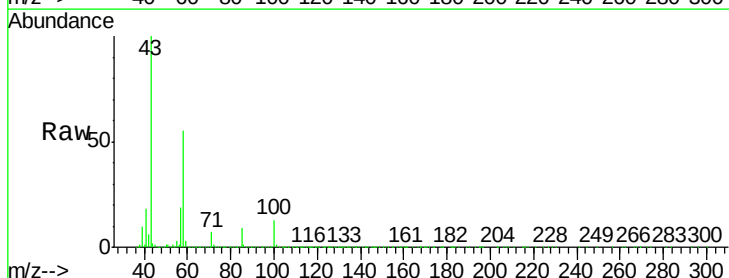
Acq: 12 Feb 2020 17:16

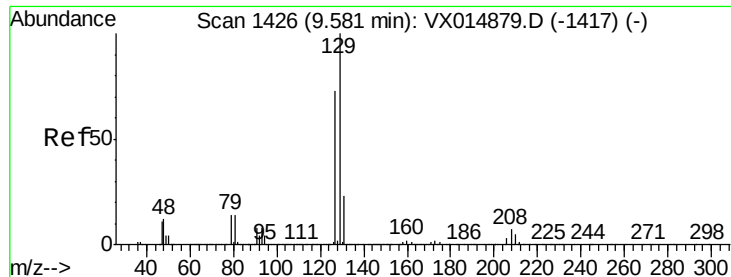
Tgt Ion: 43 Resp: 1203401

Ion Ratio Lower Upper

43 100

58 55.2 27.5 82.5





#60

Dibromochloromethane

Concen: 45.915 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

SS052MW772-200211MS

Tot Ion:129 Resp: 245068

Ion Ratio Lower Upper

129 100

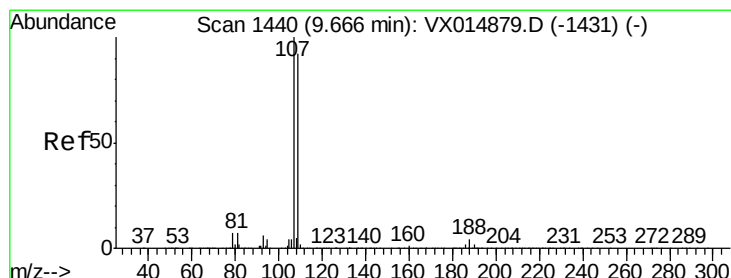
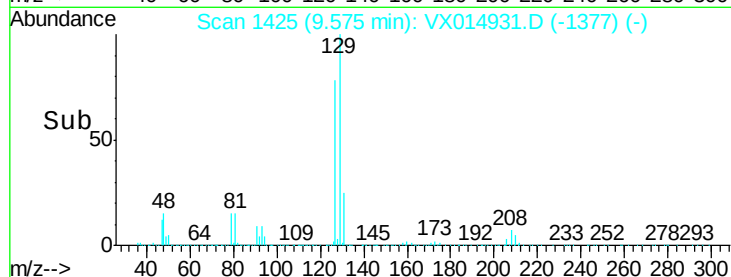
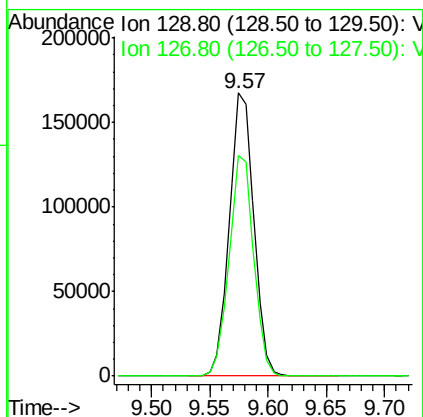
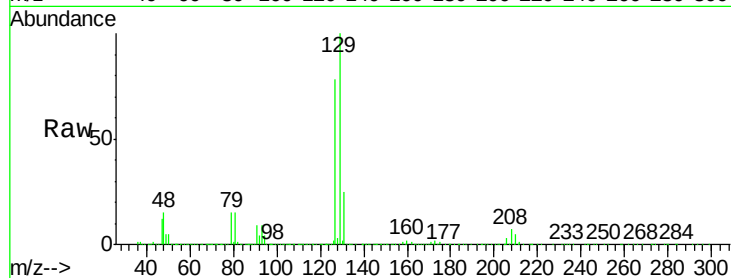
127 78.0 37.8 113.3

Manual Integrations

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#61

1,2-Dibromoethane

Concen: 44.977 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014931.D

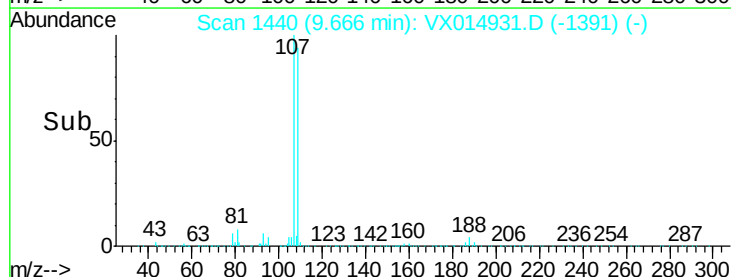
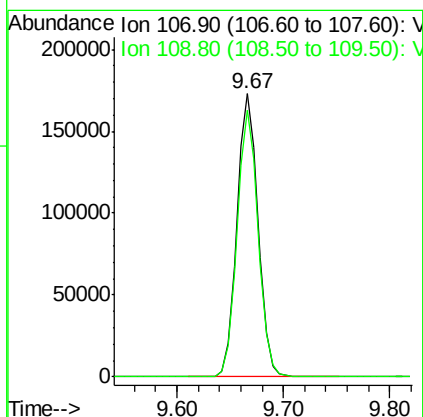
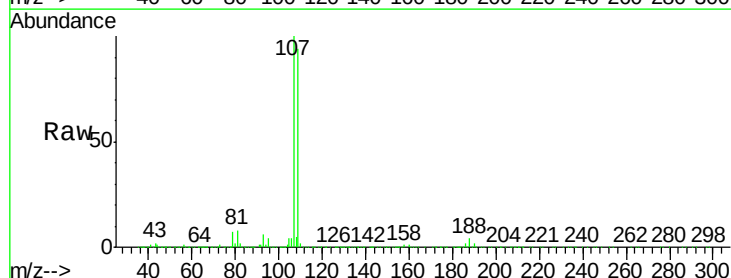
Acq: 12 Feb 2020 17:16

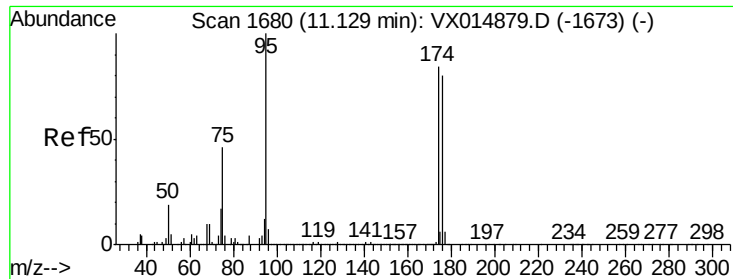
Tgt Ion:107 Resp: 240689

Ion Ratio Lower Upper

107 100

109 93.7 75.6 113.4





#62

4-Bromofluorobenzene

Concen: 43.995 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

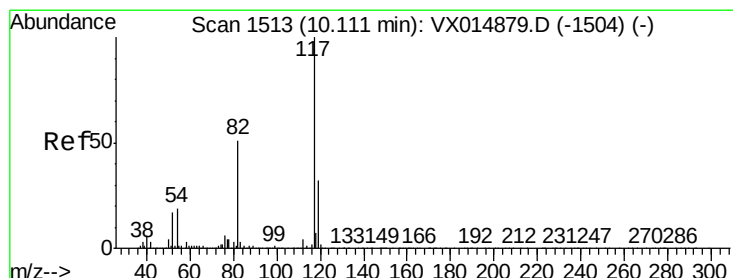
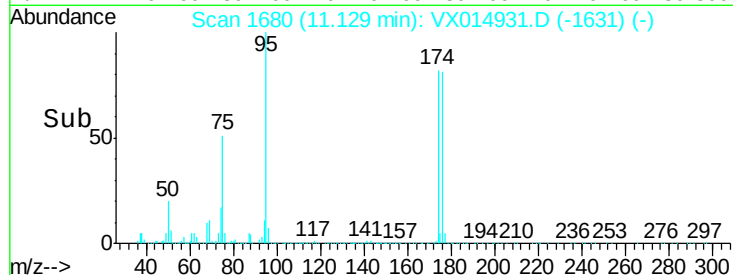
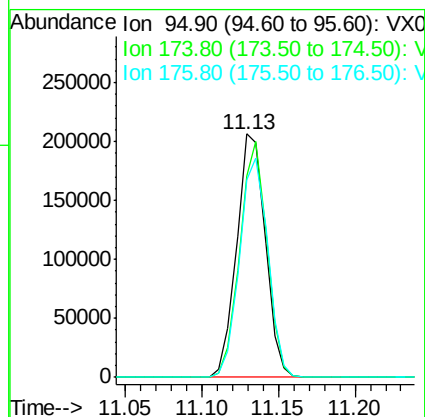
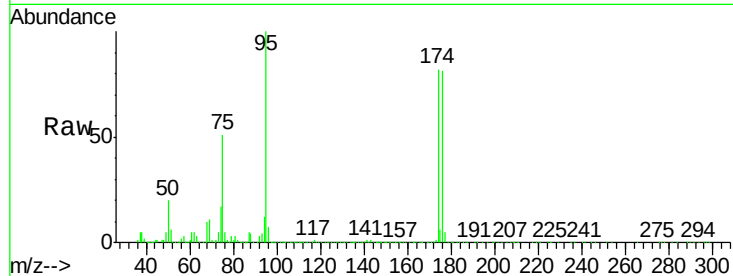
ClientSampleId :

SS052MW772-200211MS

Tot Ion:	95	Resp:	268574
Ion Ratio	Lower	Upper	
95	100		
174	91.7	0.0	183.0
176	89.2	0.0	178.0

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2/13/2020 11:14:44 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

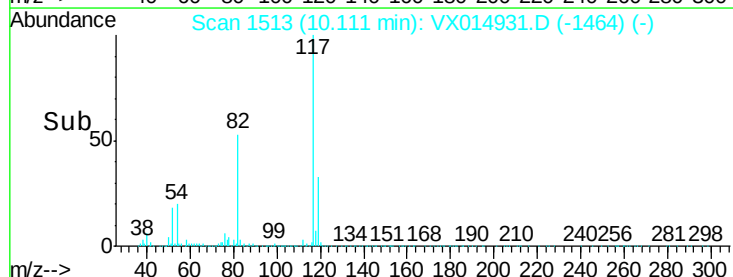
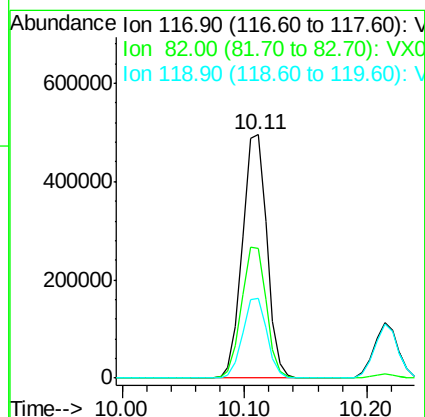
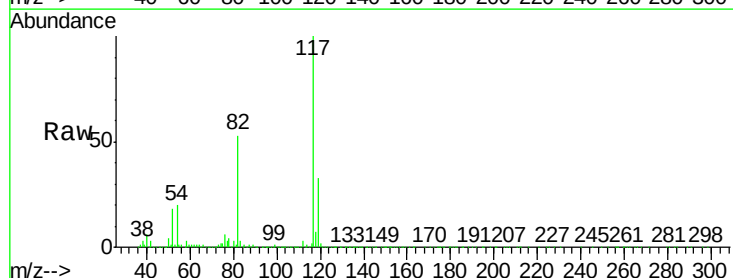
RT: 10.11 min Scan# 1513

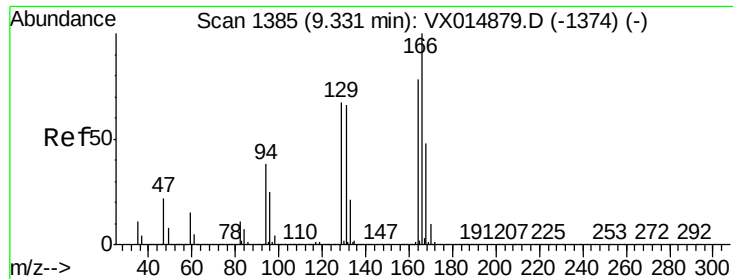
Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Tgt Ion:	117	Resp:	686508
Ion Ratio	Lower	Upper	
117	100		
82	53.3	40.5	60.7
119	32.8	25.8	38.6





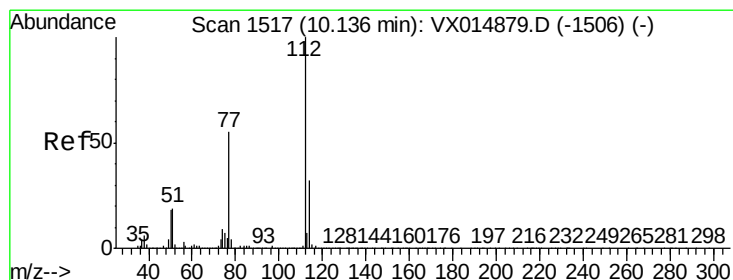
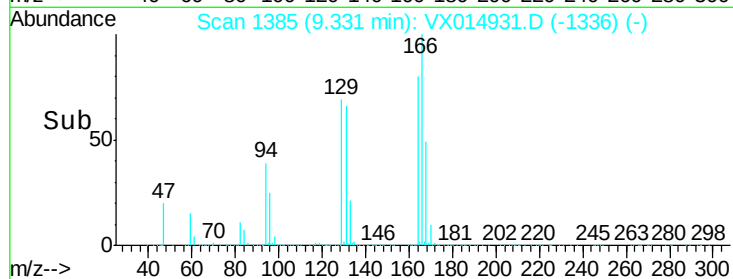
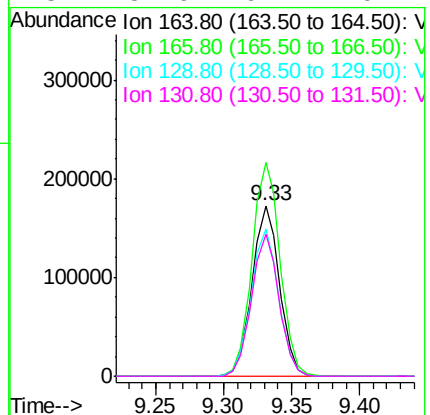
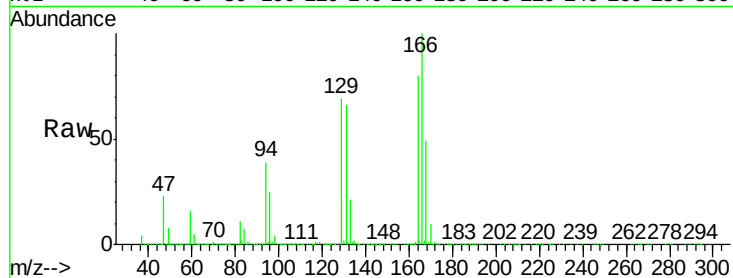
#64
Tetrachloroethene
Concen: 38.182 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
SS052MW772-200211MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	125.2	102.6	153.8
129	86.2	68.3	102.5
131	82.9	67.4	101.2

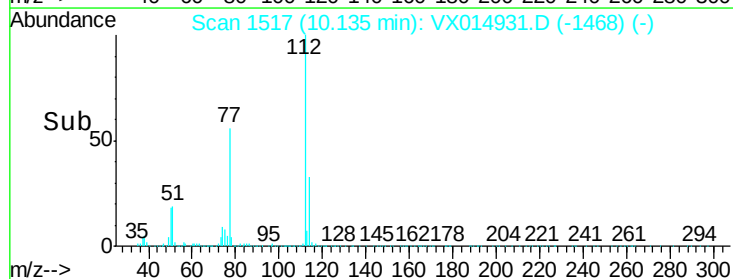
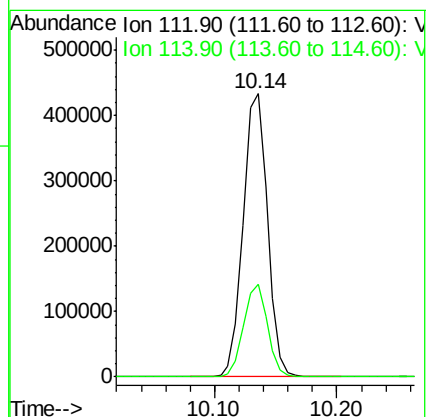
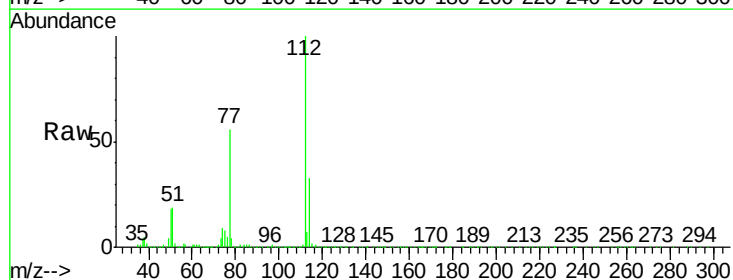
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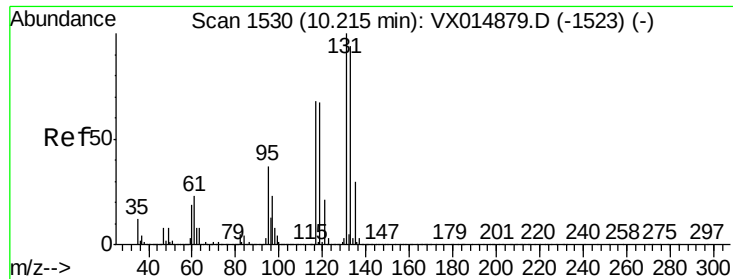
MMDadoda
2/13/2020 11:14:44 AM



#65
Chlorobenzene
Concen: 42.858 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.9	25.6	38.4





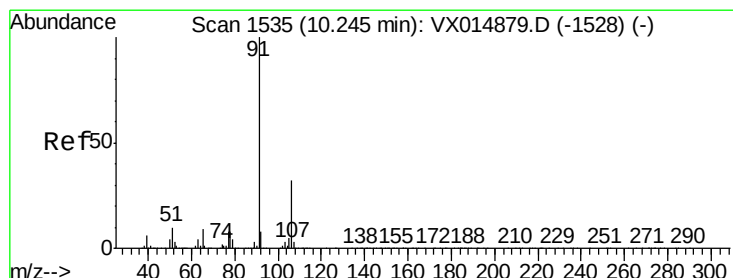
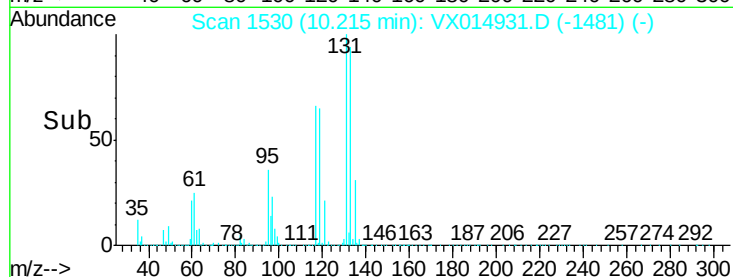
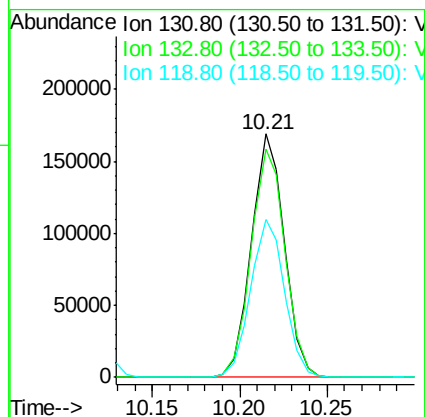
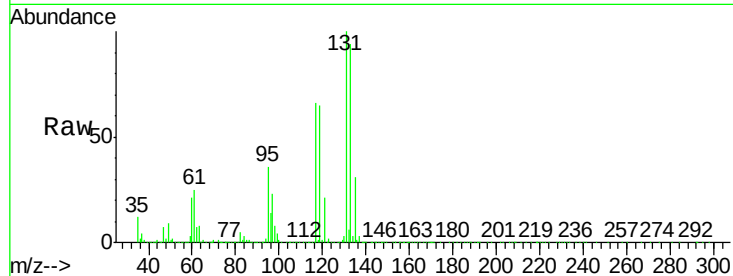
#66
 1,1,1,2-Tetrachloroethane
 Concen: 44.002 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW772-200211MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	97.2	48.1	144.4
119	66.6	33.0	99.0

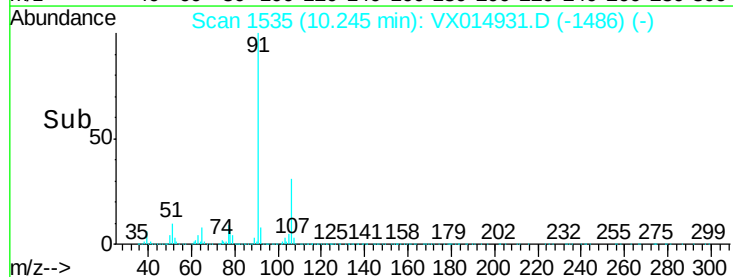
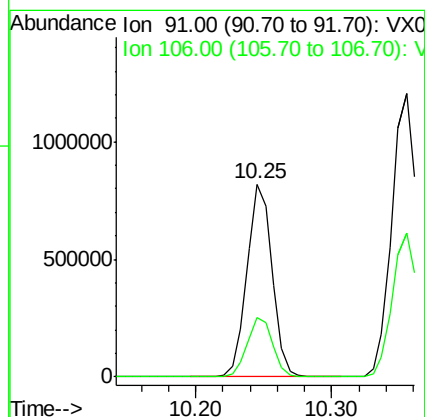
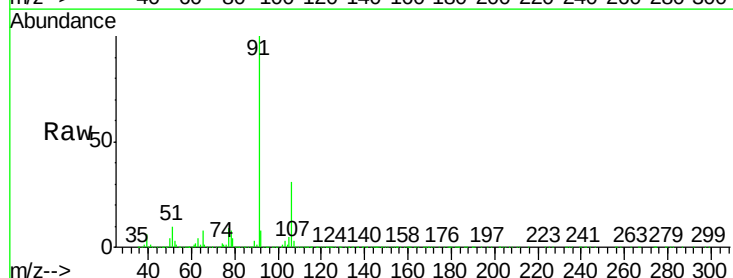
Manual Integrations
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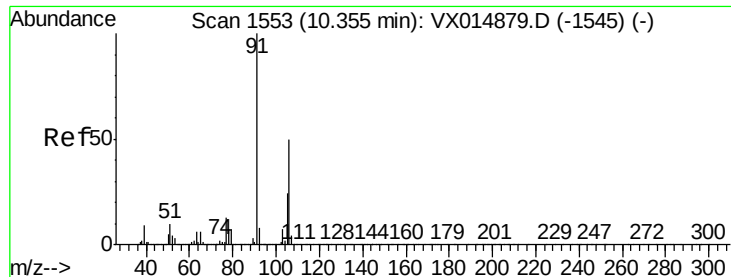
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 2/13/2020 11:14:44 AM



#67
 Ethyl Benzene
 Concen: 44.689 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.9	25.3	37.9





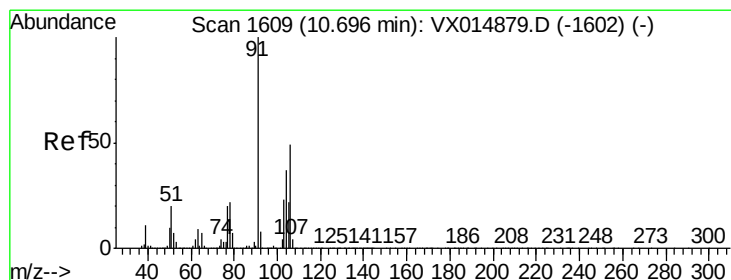
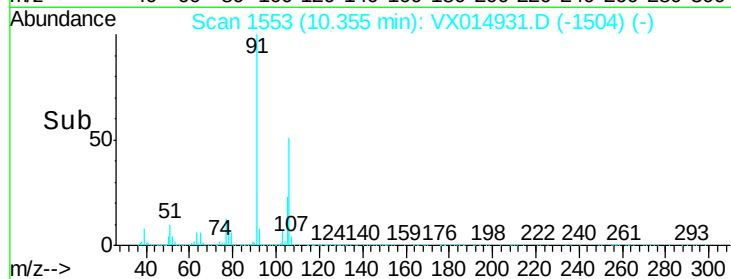
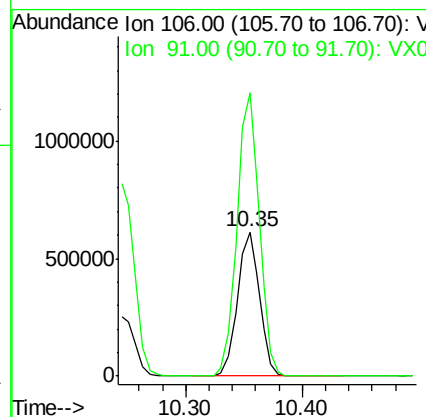
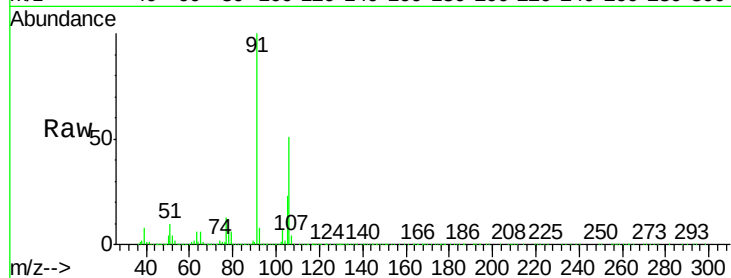
#68
m/p-Xylenes
Concen: 88.411 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
SS052MW772-200211MS

Tot Ion	Ratio	Lower	Upper
106	100		
91	199.3	160.6	240.8

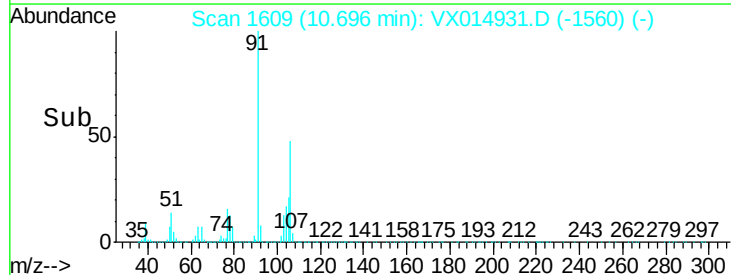
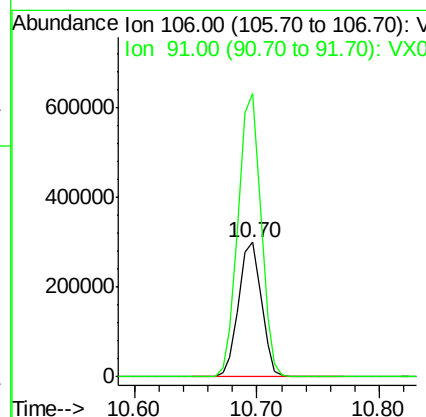
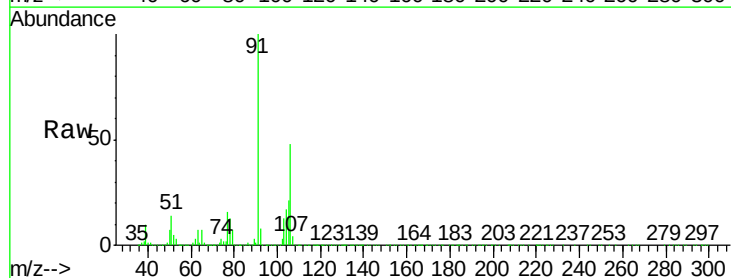
Manual Integrations
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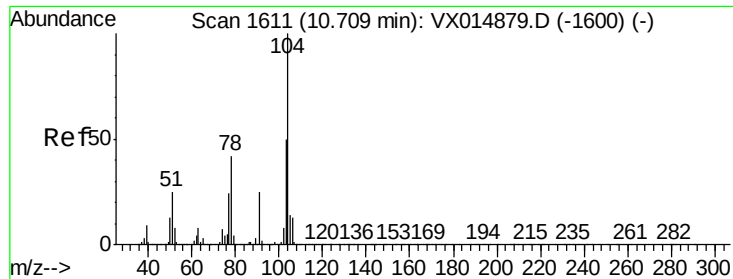
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#69
o-Xylene
Concen: 43.990 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Tgt Ion	Ratio	Lower	Upper
106	100		
91	210.7	105.1	315.3





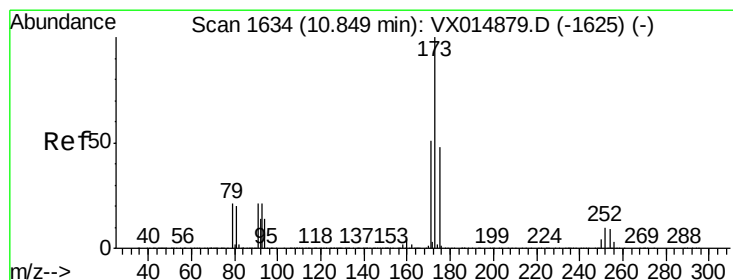
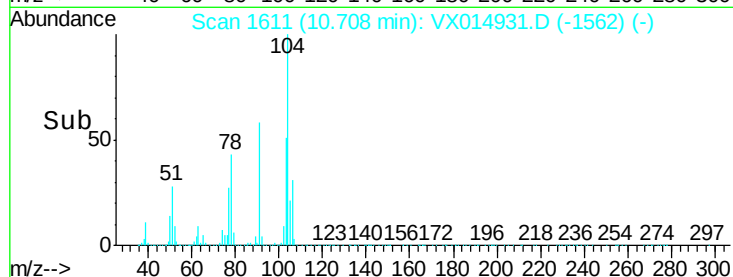
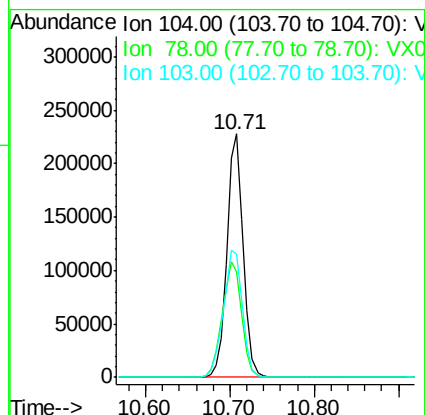
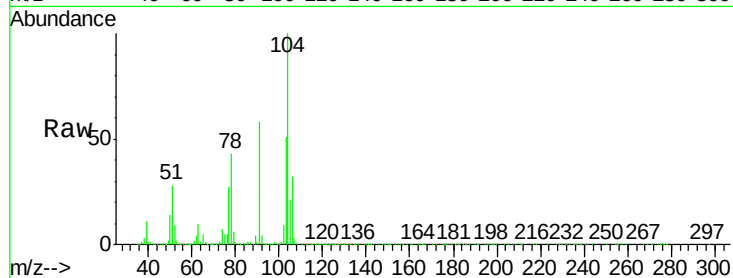
#70
Stvrene
Concen: 20.352 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
SS052MW772-200211MS

Tot Ion	Ratio	Resp	Lower	Upper
104	100	301936		
78	56.6	39.0	58.4	
103	61.6	43.4	65.0	

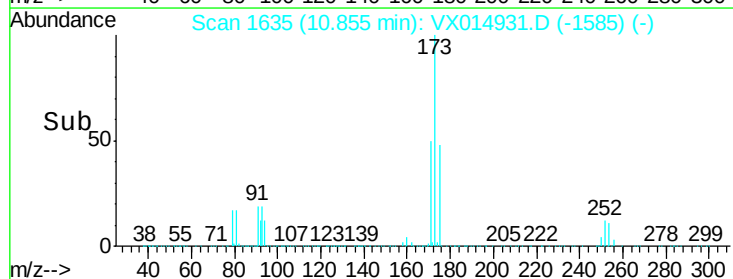
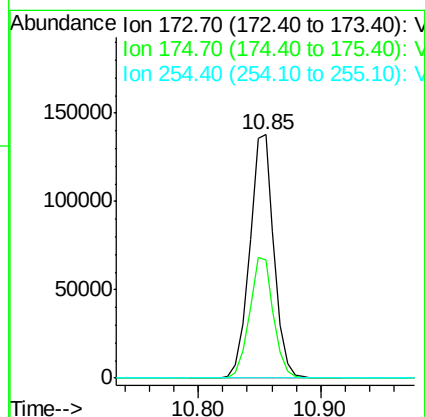
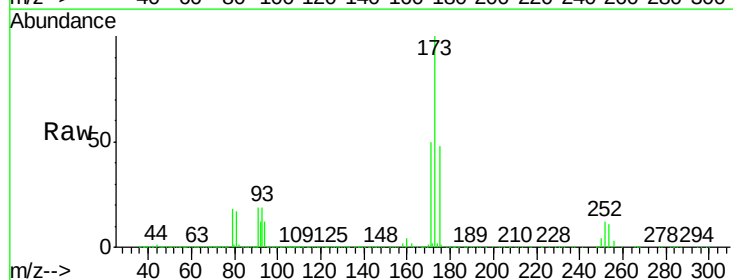
Manual Integrations
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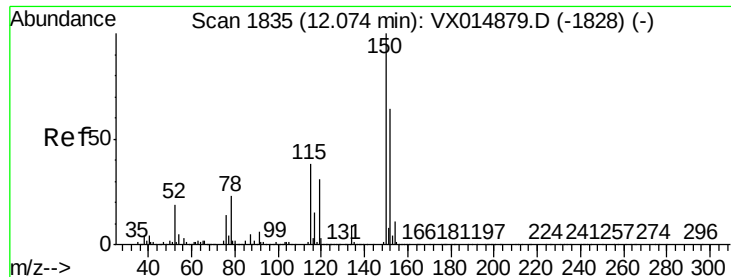
MMDadoda
2/13/2020 11:14:44 AM



#71
Bromoform
Concen: 44.745 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	188799		
175	48.9	24.2	72.6	
254	0.2	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: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

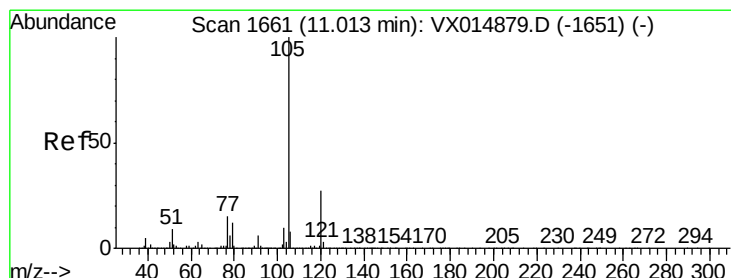
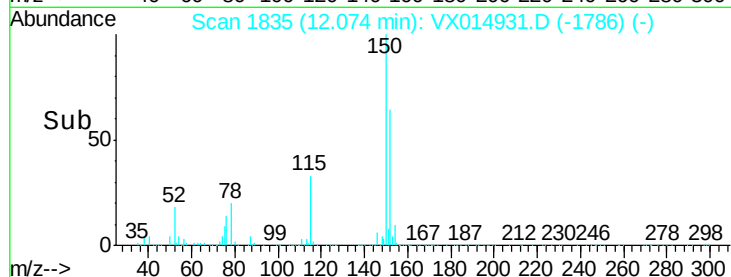
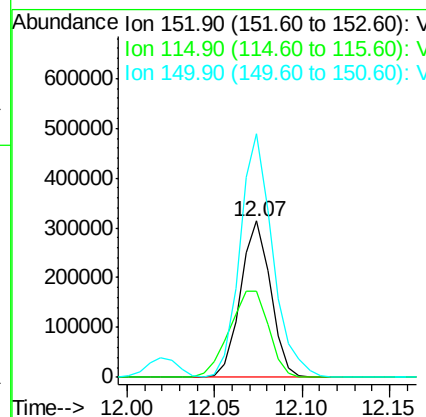
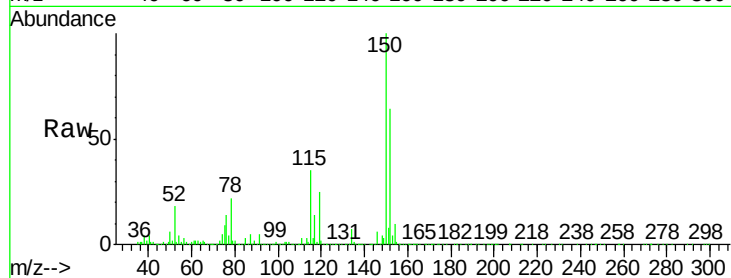
ClientSampleId :

SS052MW772-200211MS

Tot Ion:	152	Resp:	373934
Ion Ratio	Lower	Upper	
152	100		
115	72.2	38.6	116.0
150	169.7	0.0	349.0

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#73

Isopropylbenzene

Concen: 44.330 ug/l

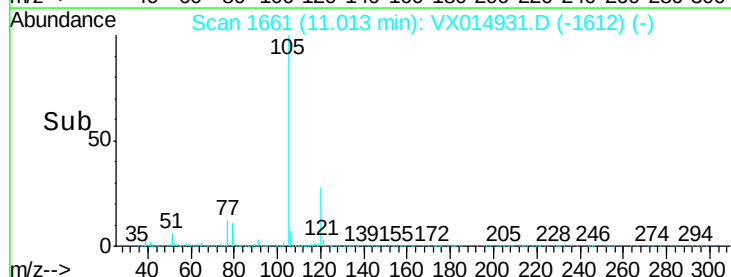
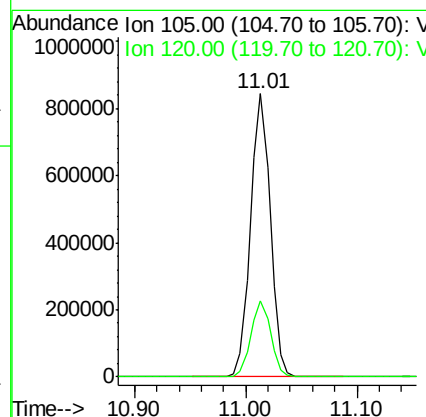
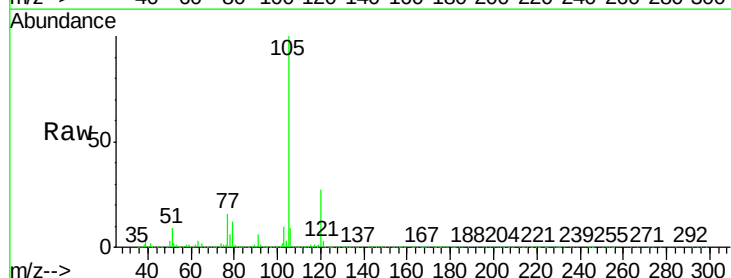
RT: 11.01 min Scan# 1661

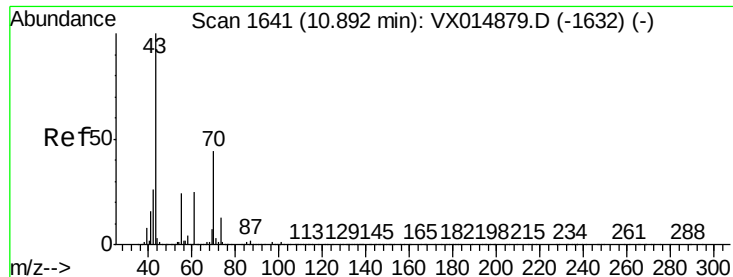
Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Tgt Ion:	105	Resp:	1039537
Ion Ratio	Lower	Upper	
105	100		
120	27.2	13.6	40.8





#74

N-amvl acetate

Concen: 45.916 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

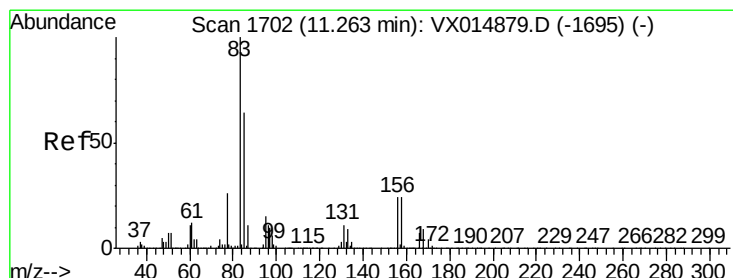
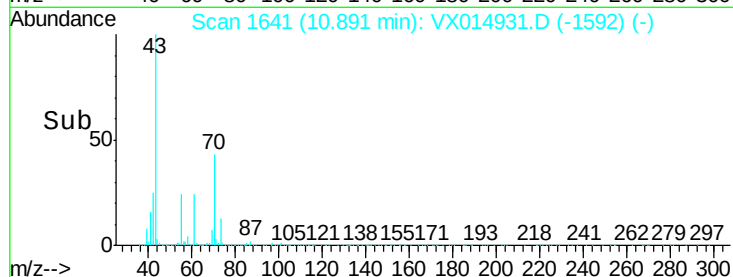
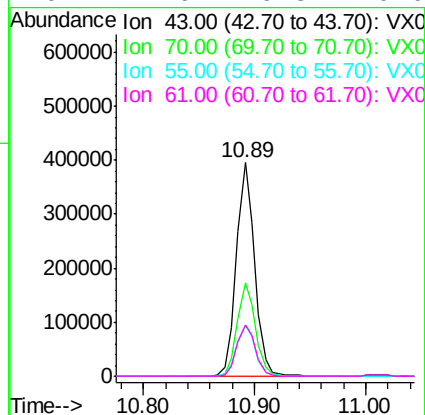
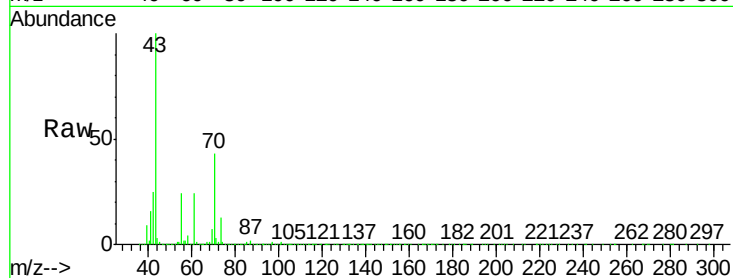
ClientSampleId :

SS052MW772-200211MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
70	43.8	35.0	52.4		
55	24.4	19.4	29.2		
61	24.6	19.8	29.6		

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#75

1,1,2,2-Tetrachloroethane

Concen: 44.413 ug/l

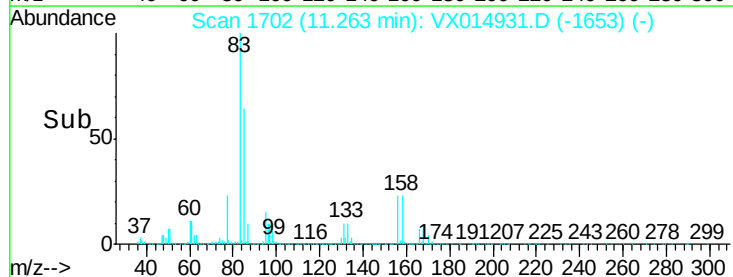
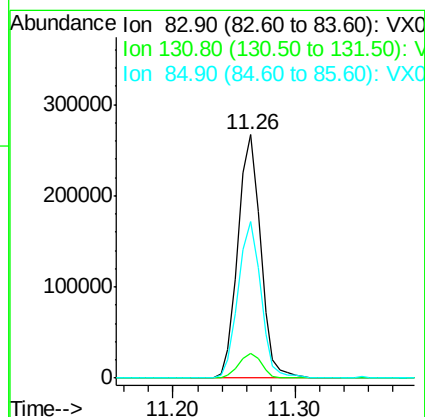
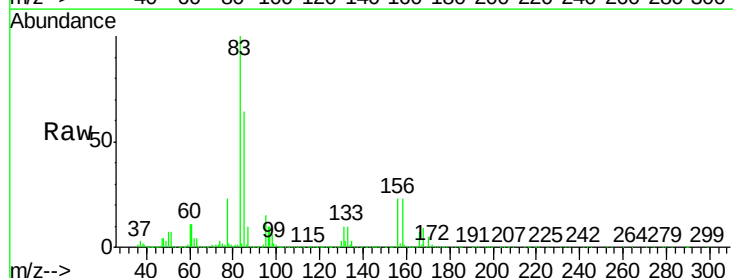
RT: 11.26 min Scan# 1702

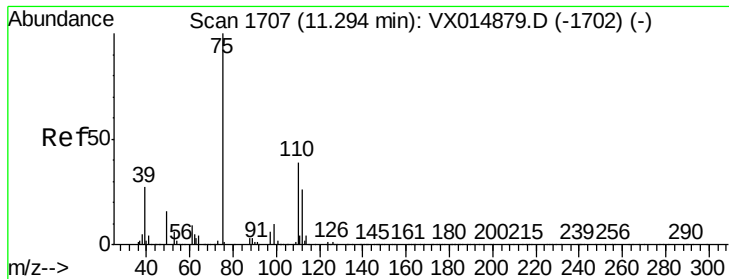
Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
131	10.5	5.3	16.1		
85	64.8	32.6	97.7		





#76

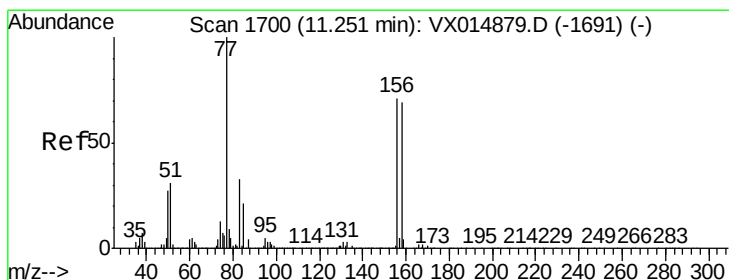
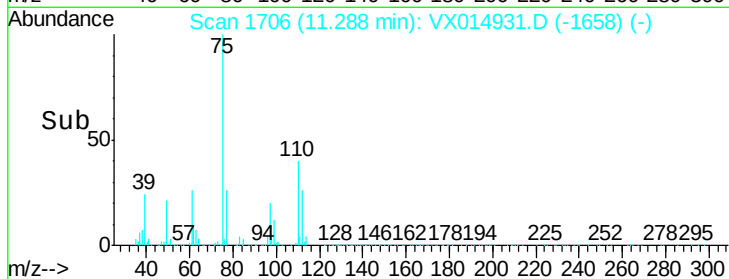
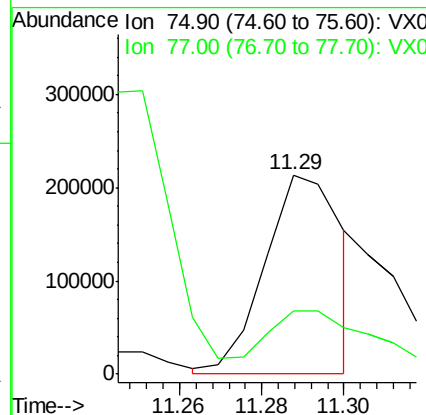
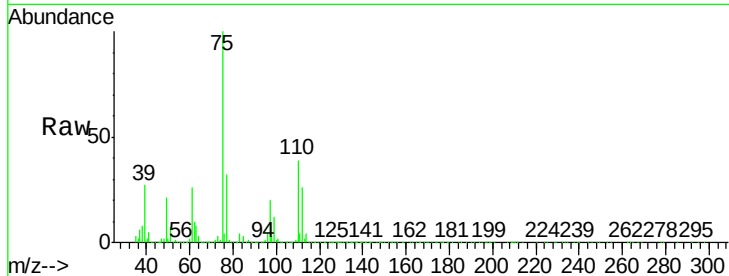
1,2,3-Trichloropropane
Concen: 41.004 ug/l m
RT: 11.29 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
SS052MW772-200211MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	45.9	18.4	55.0

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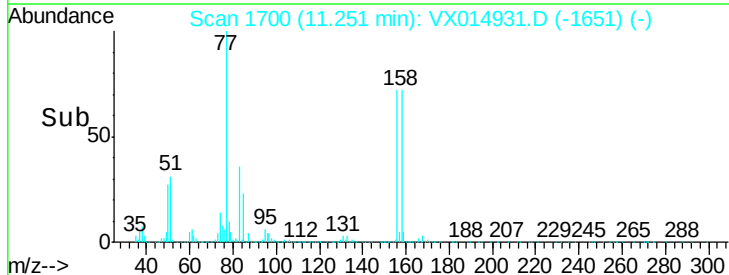
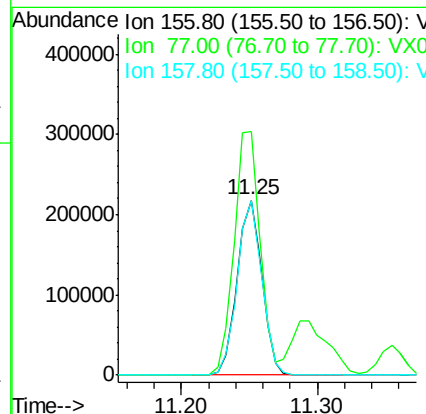
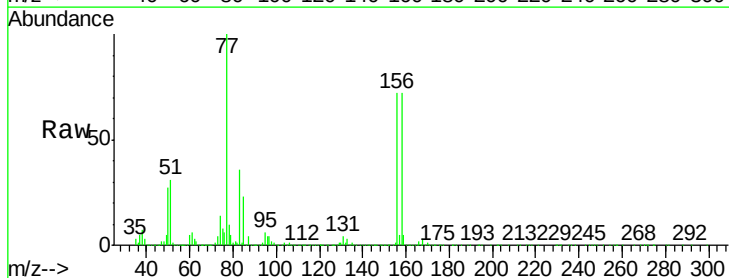
MMDadoda
2/13/2020 11:14:44 AM

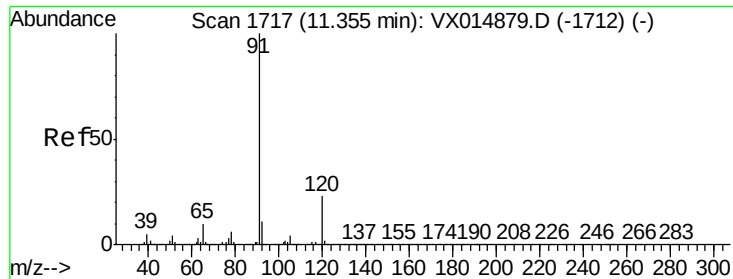


#77

Bromobenzene
Concen: 42.315 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Tgt Ion	Ratio	Lower	Upper
156	100		
77	145.4	74.0	222.0
158	98.6	48.9	146.6





#78

n-propylbenzene

Concen: 43.270 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

SS052MW772-200211MS

Tot Ion: 91 Resp: 1173577

Ion Ratio Lower Upper

91 100

120 23.6

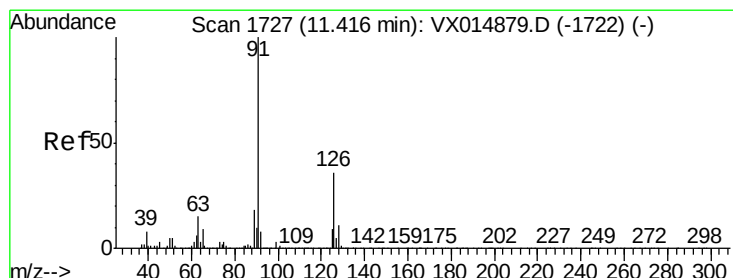
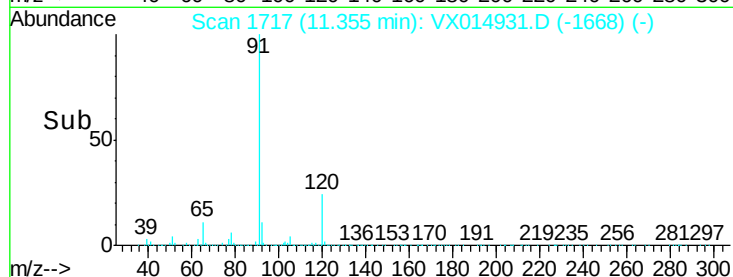
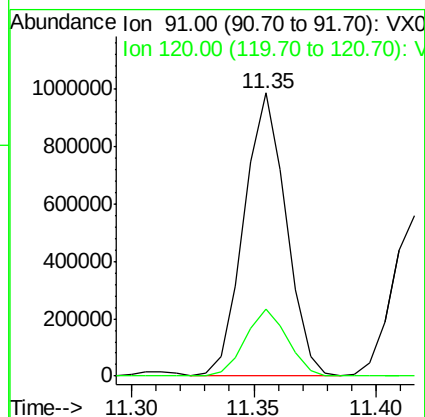
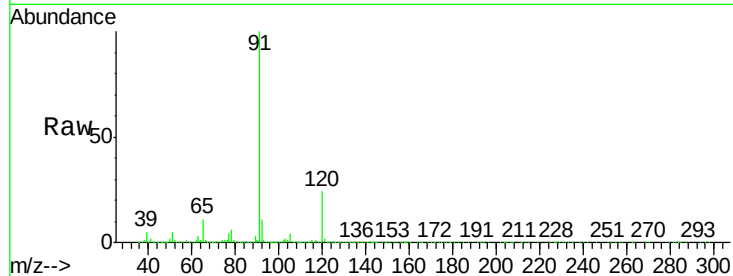
11.8

35.4

Manual Integrations
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#79

2-Chlorotoluene

Concen: 43.178 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Tgt Ion: 91 Resp: 688464

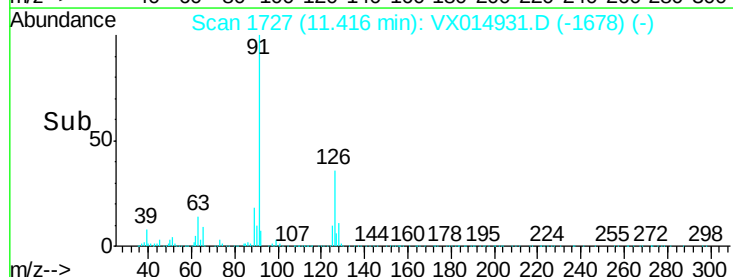
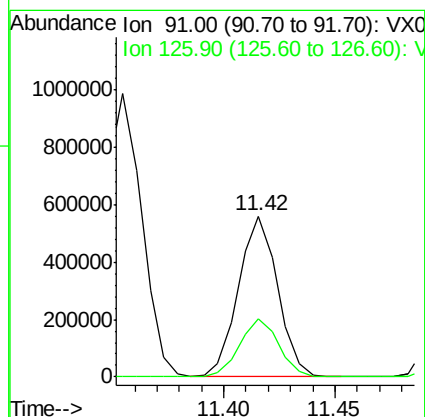
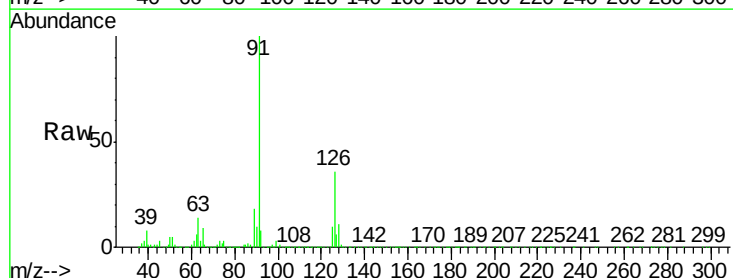
Ion Ratio Lower Upper

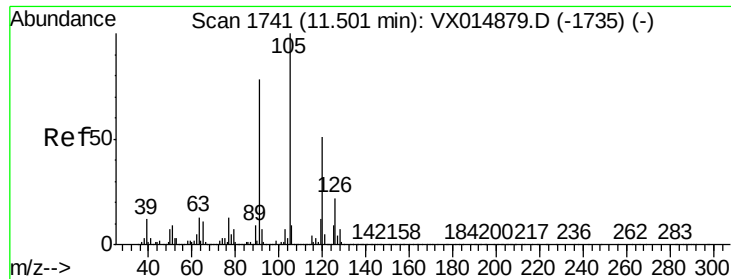
91 100

126 35.9

18.0

54.0





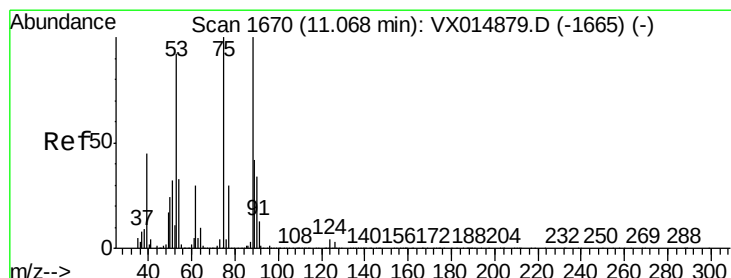
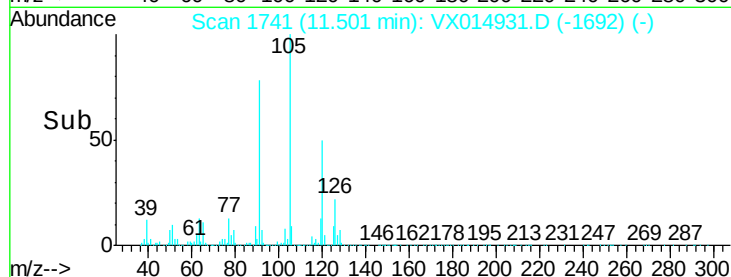
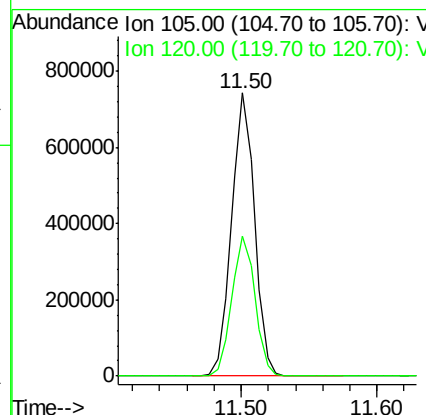
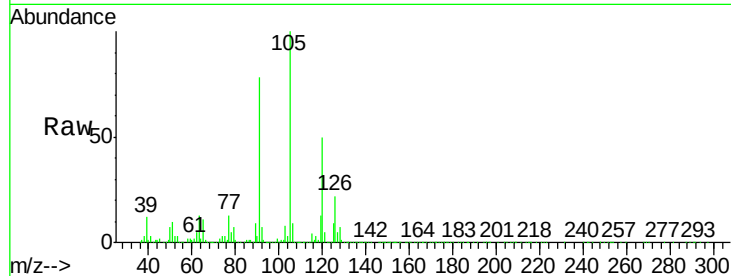
#80
 1,3,5-Trimethylbenzene
 Concen: 44.438 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW772-200211MS

Tot Ion:105 Resp: 870704
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.6 76.6

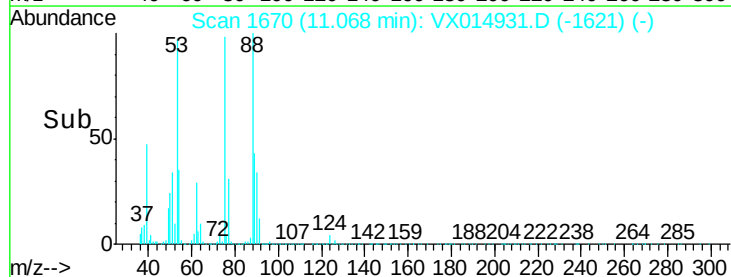
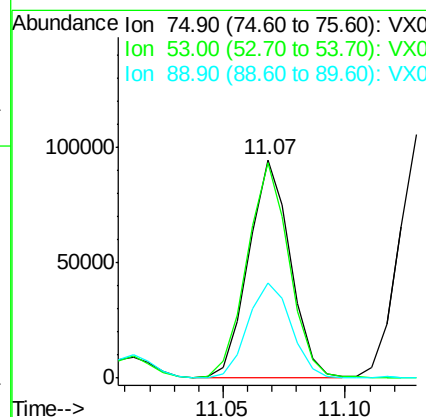
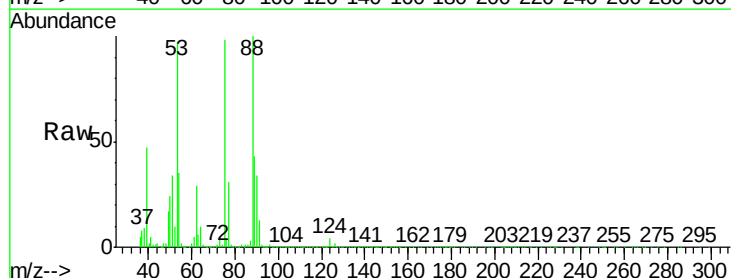
Manual Integrations
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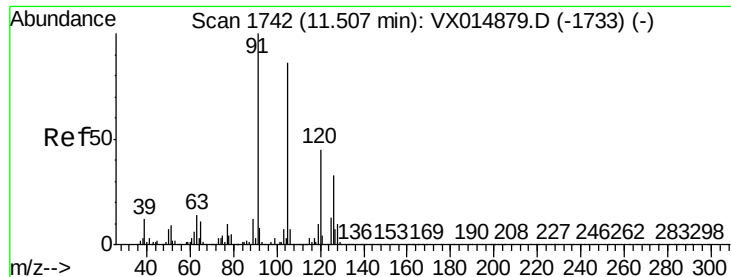
MMDadoda
 2/13/2020 11:14:44 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.279 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

Tgt Ion: 75 Resp: 111689
 Ion Ratio Lower Upper
 75 100
 53 98.9 76.2 114.2
 89 45.2 35.8 53.6





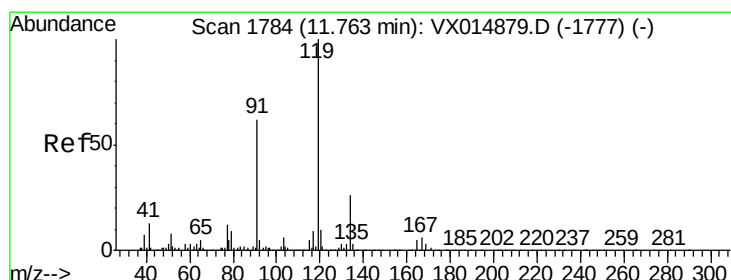
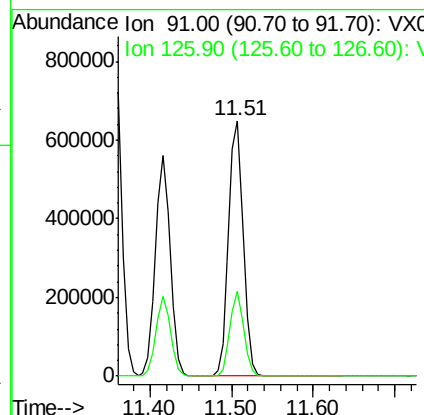
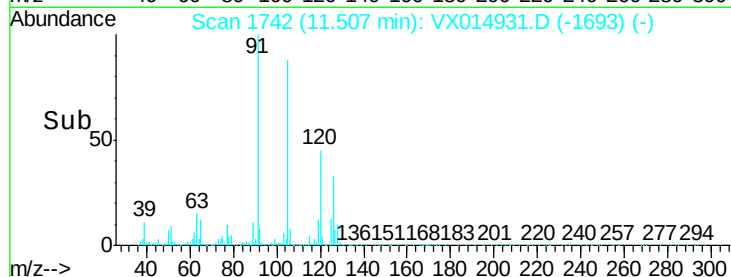
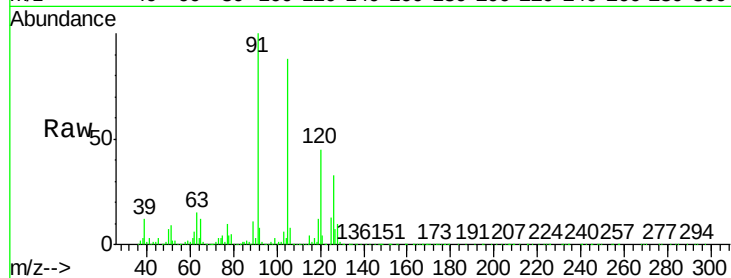
#82
4-Chlorotoluene
Concen: 42.845 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
SS052MW772-200211MS

Tot Ion: 91 Resp: 809001
Ion Ratio Lower Upper
91 100
126 31.2 15.7 47.0

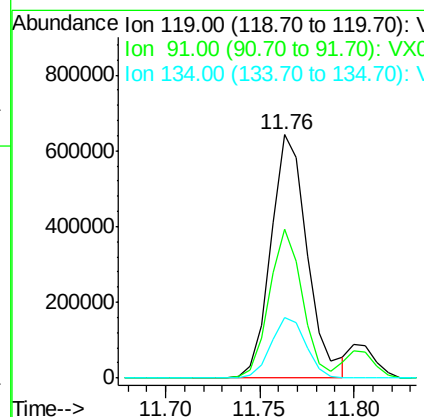
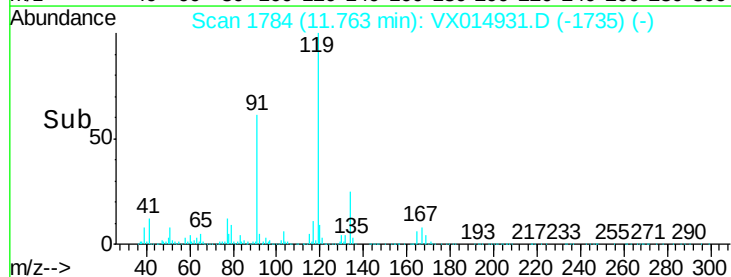
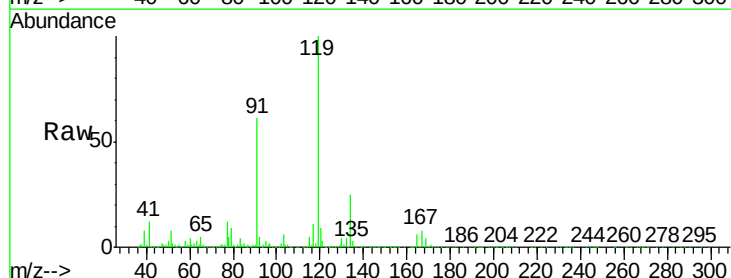
Manual Integrations
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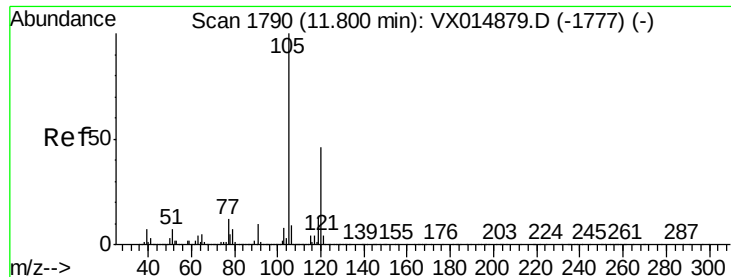
MMDadoda
2/13/2020 11:14:44 AM



#83
tert-Butylbenzene
Concen: 46.191 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Tgt Ion: 119 Resp: 857050
Ion Ratio Lower Upper
119 100
91 55.8 29.5 88.6
134 24.1 12.6 37.6





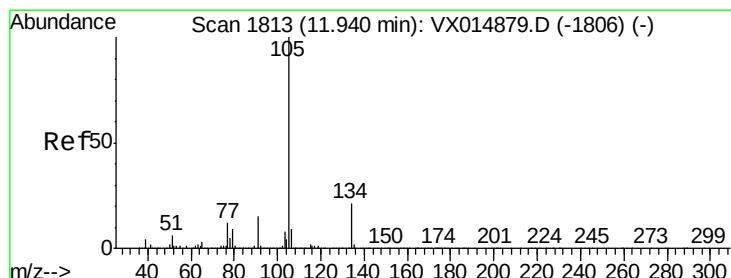
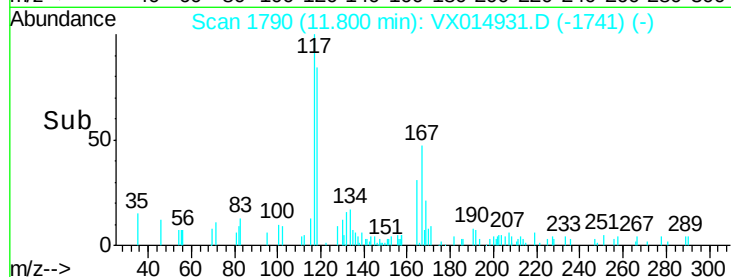
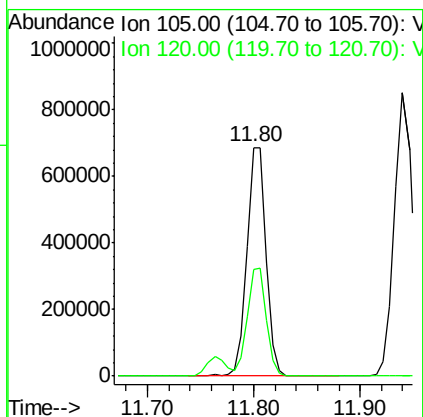
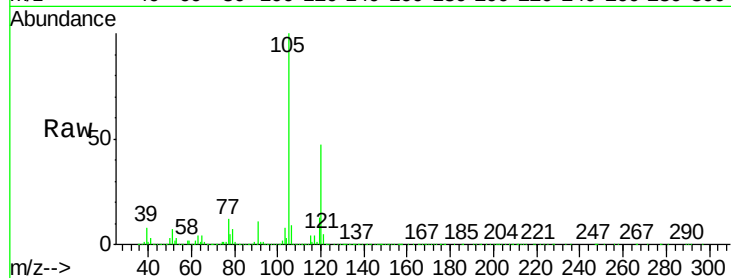
#84
 1,2,4-Trimethylbenzene
 Concen: 44.056 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW772-200211MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.0	69.0

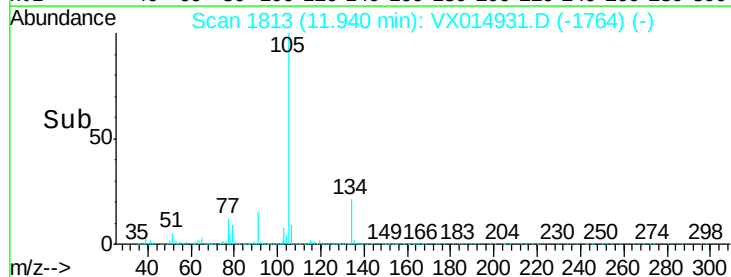
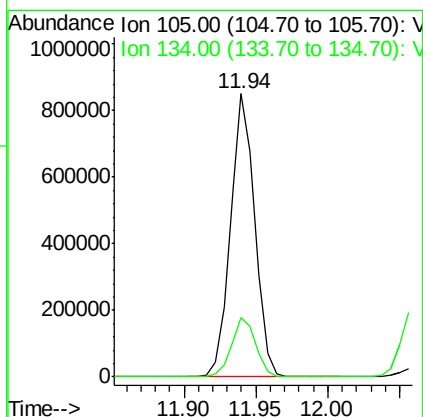
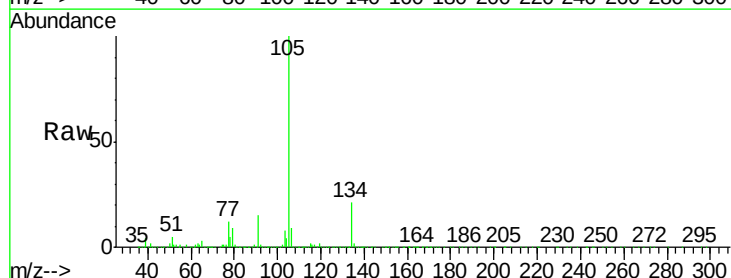
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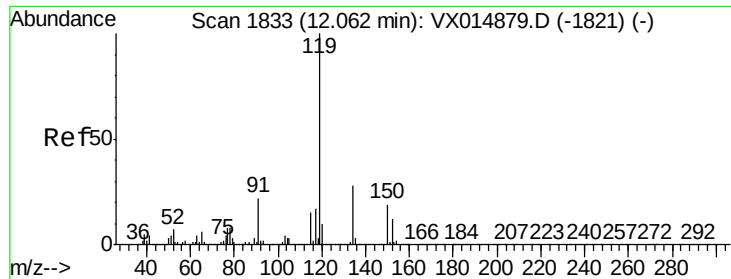
MMDadoda
 2/13/2020 11:14:44 AM



#85
 sec-Butylbenzene
 Concen: 43.675 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.9	10.6	31.8





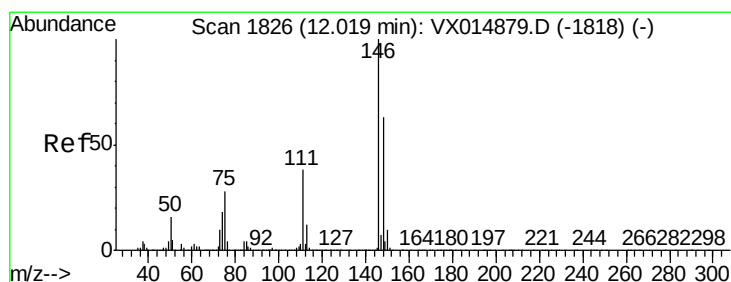
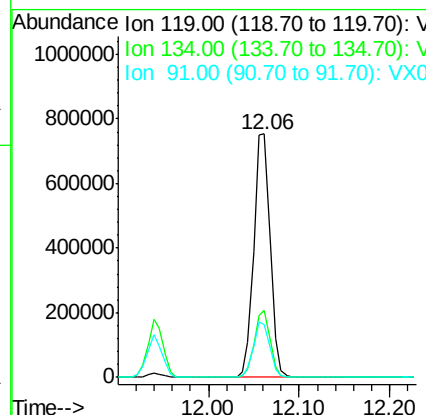
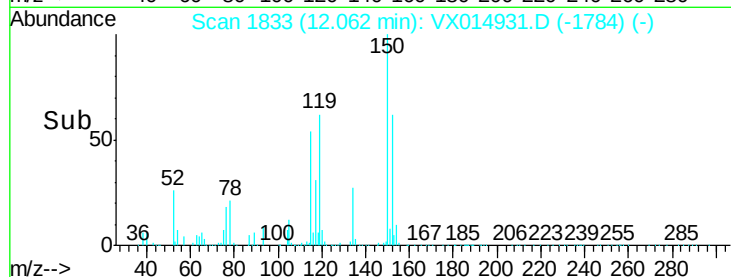
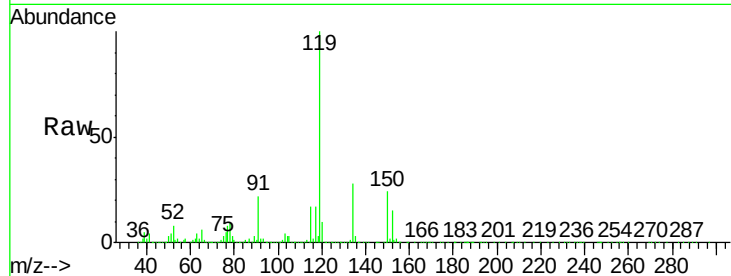
#86
 p-Isopropyltoluene
 Concen: 43.743 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW772-200211MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	943530		
134	26.6		13.5	40.5
91	22.5		11.4	34.1

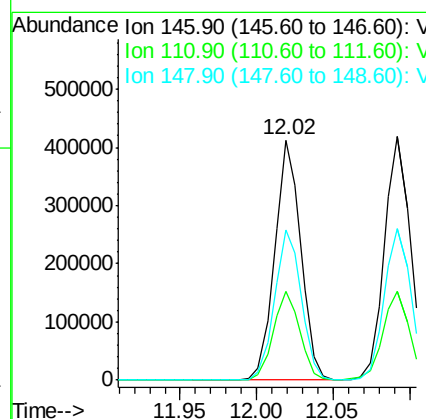
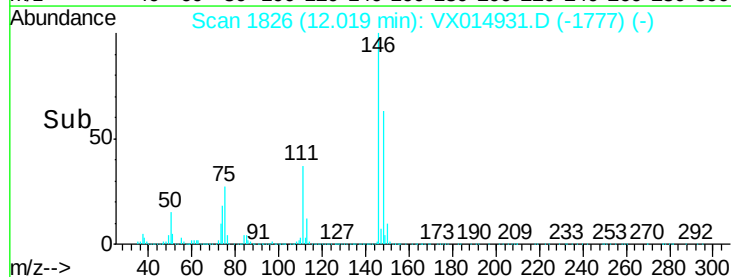
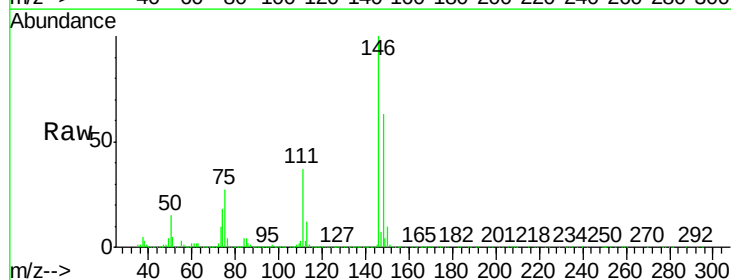
Manual Integrations
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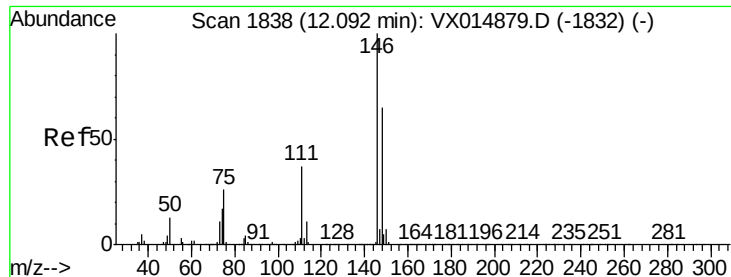
MMDadoda
 2/13/2020 11:14:44 AM



#87
 1,3-Dichlorobenzene
 Concen: 41.817 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	491011		
111	37.4		18.6	56.0
148	64.2		31.8	95.4





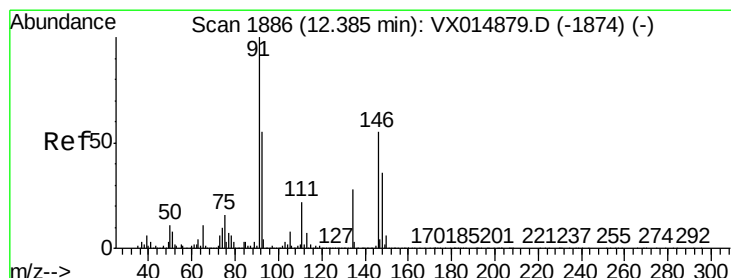
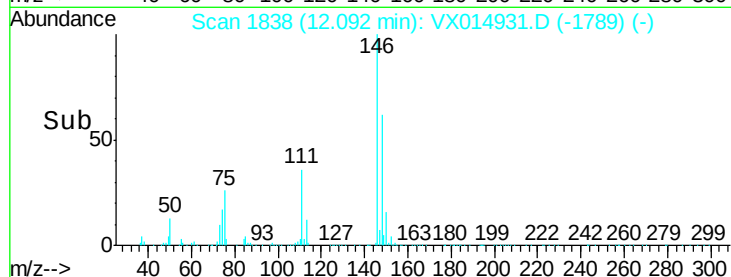
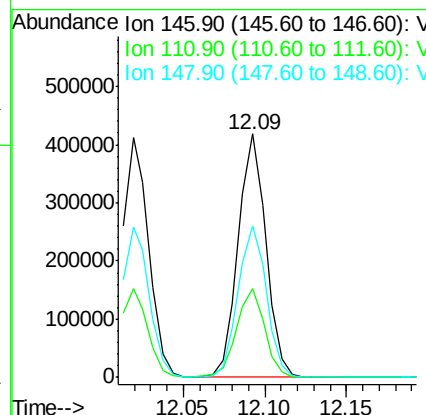
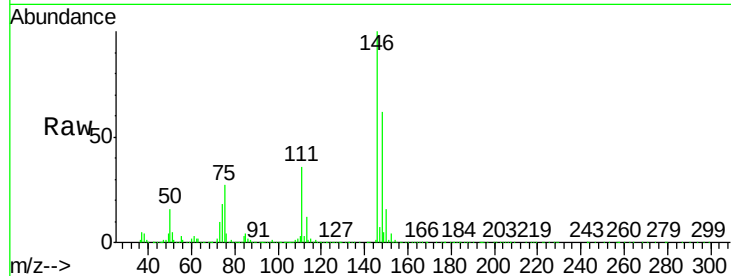
#88
 1,4-Dichlorobenzene
 Concen: 41.239 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW772-200211MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.6	55.6
148	63.9	32.4	97.0

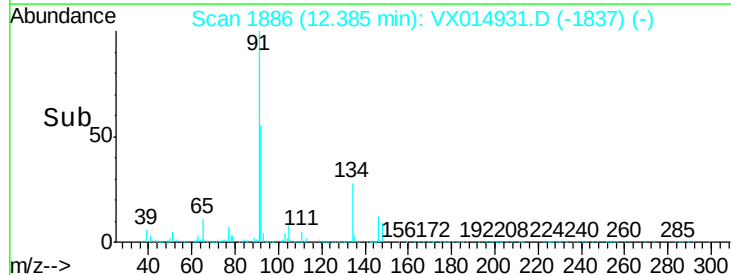
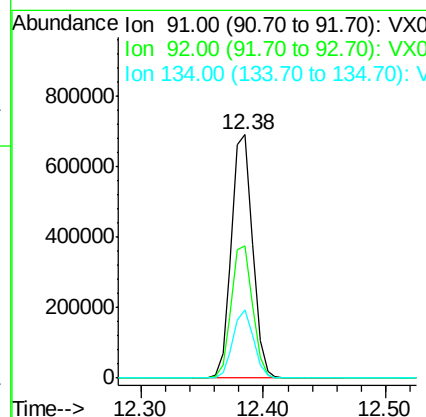
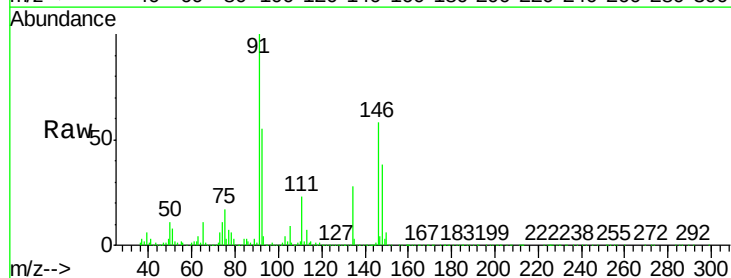
Manual Integrations
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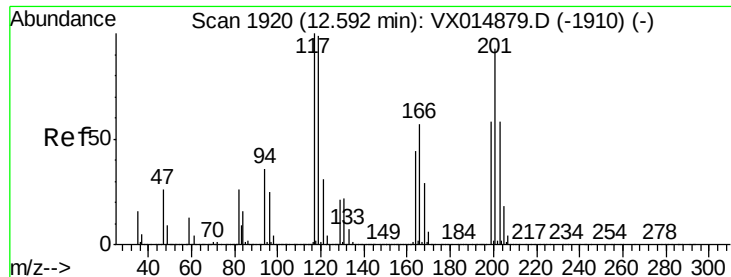
MMDadoda
 2/13/2020 11:14:44 AM



#89
 n-Butylbenzene
 Concen: 42.758 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.3	81.8
134	27.3	13.8	41.4





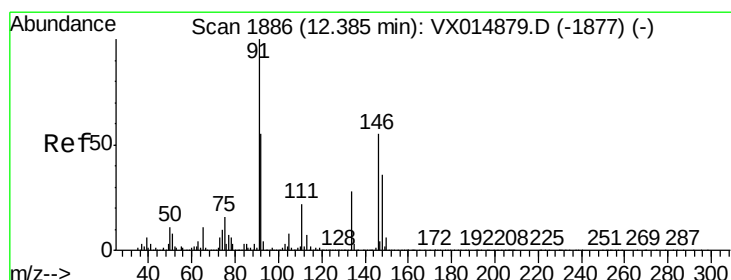
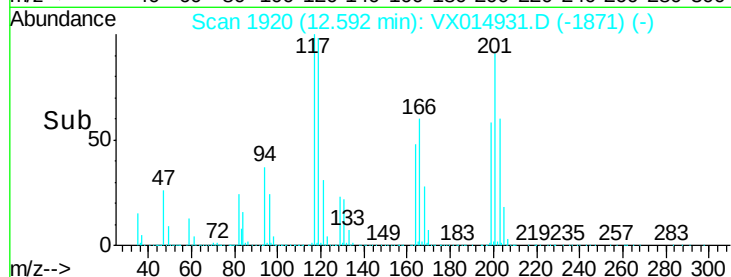
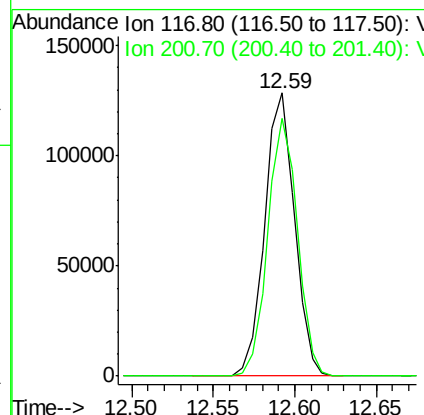
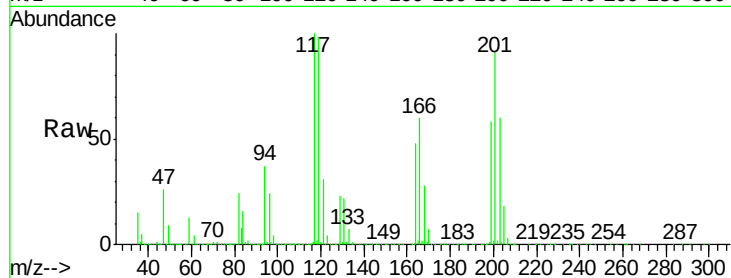
#90
Hexachloroethane
Concen: 43.226 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
SS052MW772-200211MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	162825		
201	90.5	44.8	134.3	

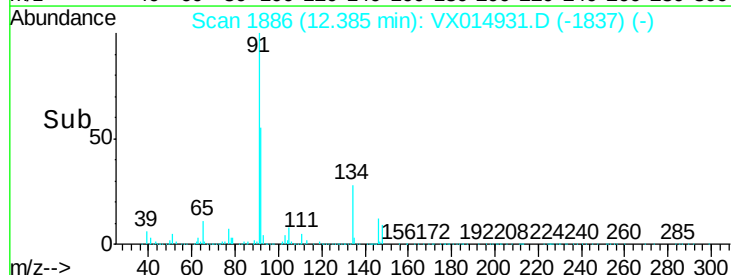
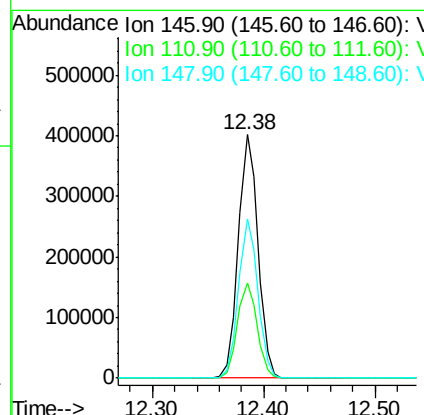
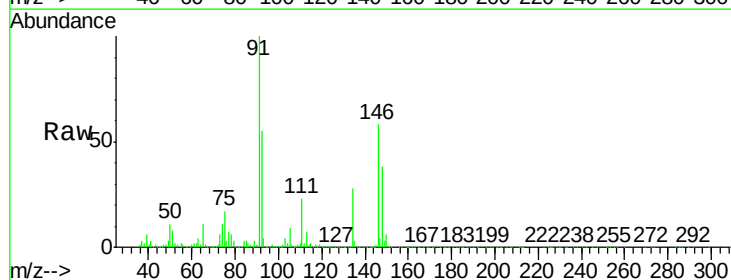
Manual Integrations
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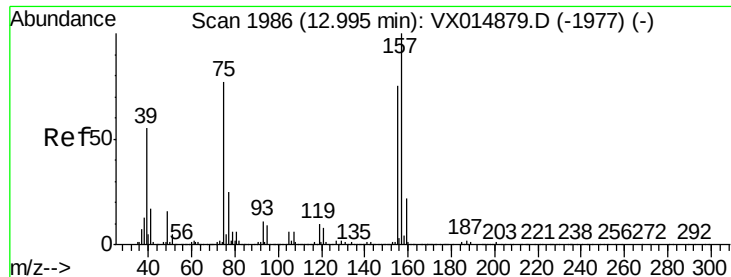
MMDadoda
2/13/2020 11:14:44 AM



#91
1,2-Dichlorobenzene
Concen: 42.658 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014931.D
Acq: 12 Feb 2020 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	491192		
111	39.2	19.8	59.3	
148	64.2	32.4	97.2	





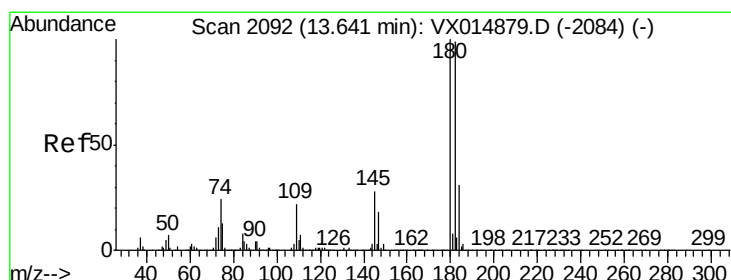
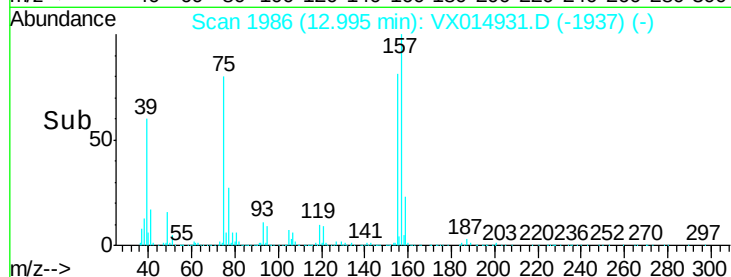
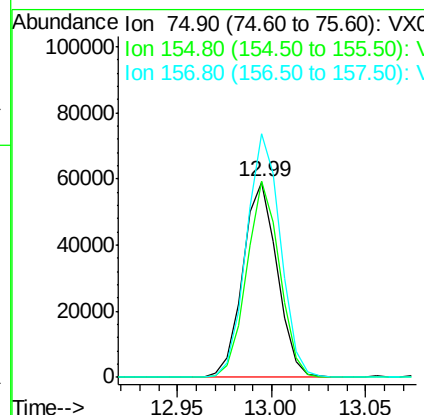
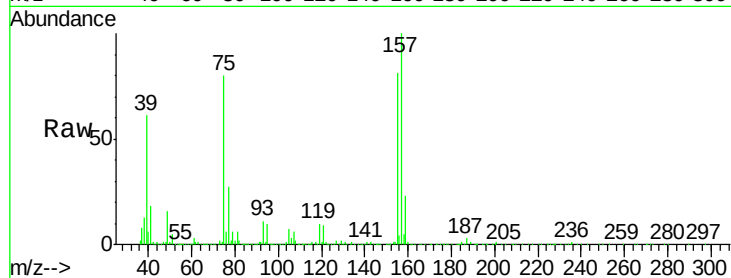
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.449 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW772-200211MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	96.2	48.6	145.9
157	123.7	62.0	186.0

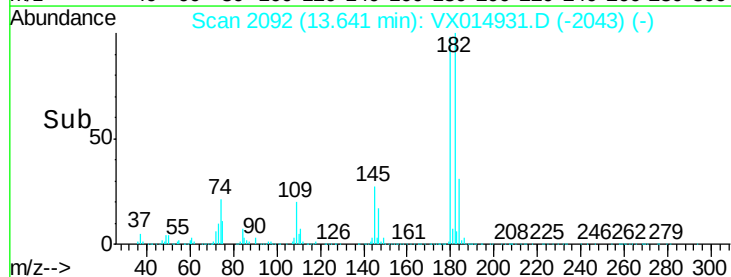
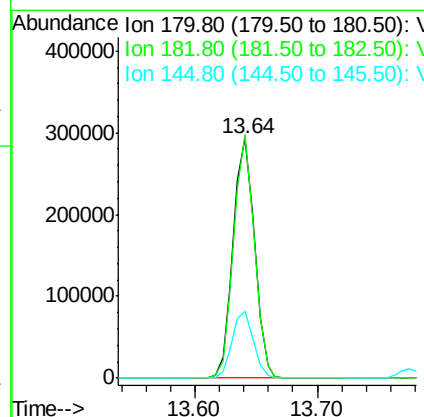
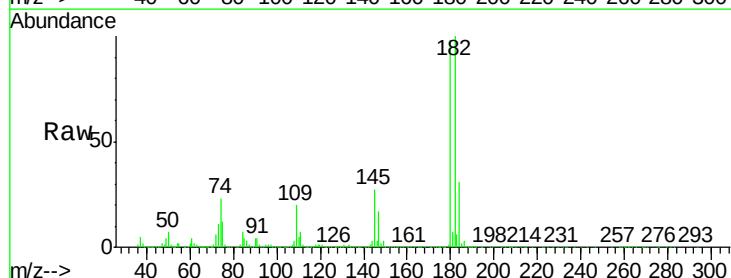
Manual Integrations
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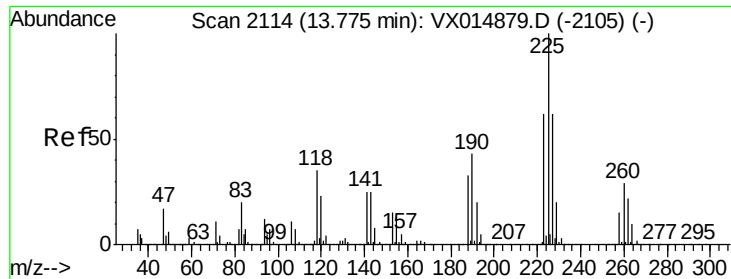
MMDadoda
 2/13/2020 11:14:44 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 41.603 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	48.4	145.3
145	27.9	14.1	42.4





#94

Hexachlorobutadiene

Concen: 41.313 ug/l

RT: 13.77 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Instrument :

MSVOA_X

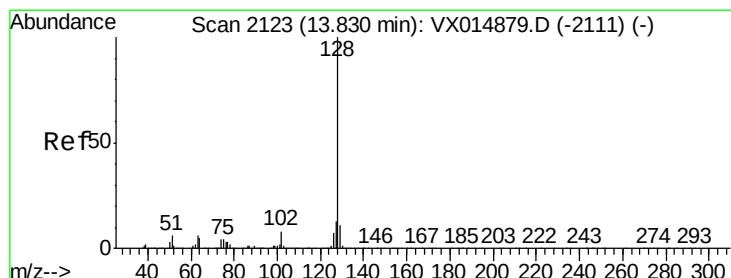
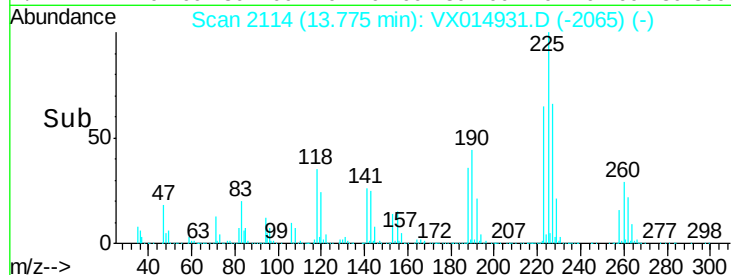
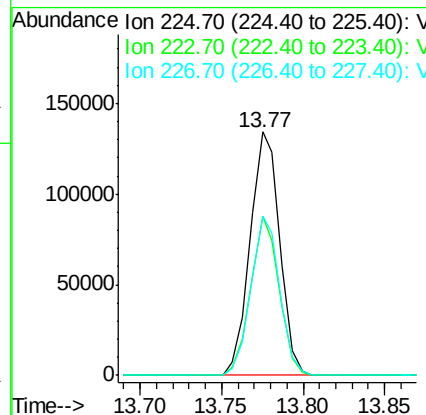
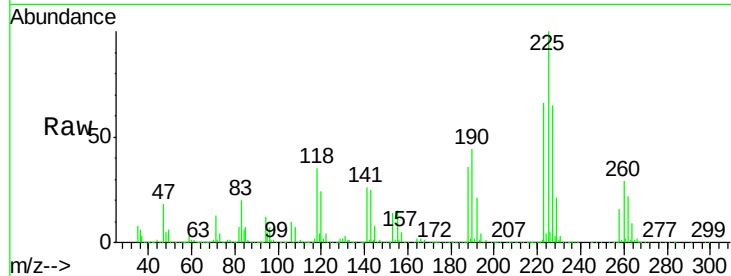
ClientSampleId :

SS052MW772-200211MS

Tot Ion:	225	Resp:	169831
Ion Ratio		Lower	Upper
225	100		
223	62.8	31.1	93.2
227	63.4	30.9	92.5

Manual Integrations
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MMDadoda
2/13/2020 11:14:44 AM



#95

Naphthalene

Concen: 46.158 ug/l

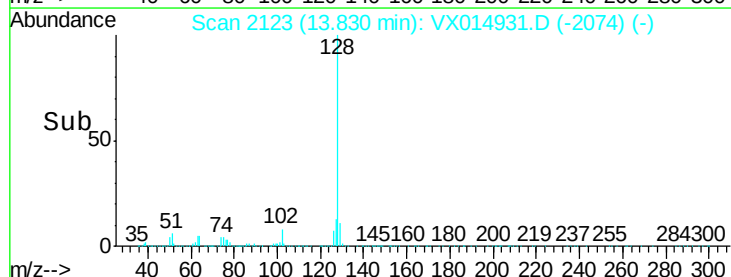
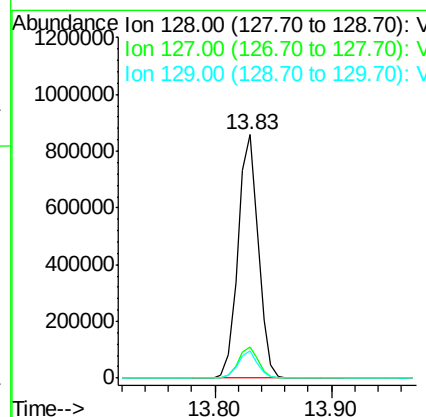
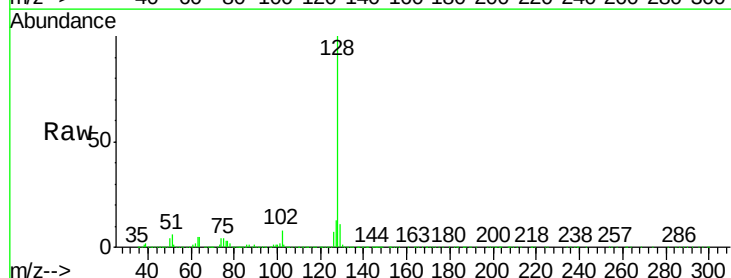
RT: 13.83 min Scan# 2123

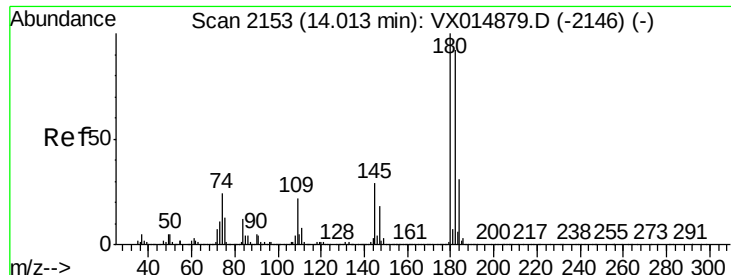
Delta R.T. -0.00 min

Lab File: VX014931.D

Acq: 12 Feb 2020 17:16

Tgt Ion:	128	Resp:	1043058
Ion Ratio		Lower	Upper
128	100		
127	12.7	10.4	15.6
129	10.8	8.6	13.0





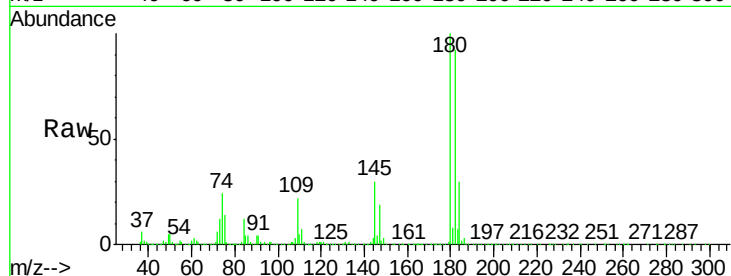
#96
 1,2,3-Trichlorobenzene
 Concen: 42.930 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX014931.D
 Acq: 12 Feb 2020 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW772-200211MS

Tot Ion:	180	Resp:	352514
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.5	142.6
145	29.7	14.5	43.5

Manual Integrations
 APPROVED

MMDadoda
 2/13/2020 11:14:44 AM



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

