

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\
 Data File : VN061347.D
 Acq On : 7 May 2020 20:21
 Operator : JC/MD
 Sample : L2548-05MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS050MW052-200504MSD

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 1:18:20 PM

Quant Time: May 08 04:46:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	91090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	159878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	149417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	71462	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	77634	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
35) Dibromofluoromethane	7.55	113	47070	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
50) Toluene-d8	10.06	98	195329	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
62) 4-Bromofluorobenzene	12.37	95	74332	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	45950	47.570	ug/l	100
3) Chloromethane	2.03	50	64335	54.993	ug/l	99
4) Vinyl Chloride	2.16	62	70914	53.369	ug/l	99
5) Bromomethane	2.53	94	29238	44.515	ug/l	96
6) Chloroethane	2.67	64	43361	51.485	ug/l	99
7) Trichlorofluoromethane	2.98	101	85736	57.191	ug/l	98
8) Diethyl Ether	3.37	74	35585	56.909	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	48312	50.024	ug/l	99
10) Methyl Iodide	3.91	142	53236	42.892	ug/l	99
11) Tert butyl alcohol	4.73	59	52332	271.043	ug/l	100
12) 1,1-Dichloroethene	3.69	96	48169	50.120	ug/l	99
13) Acrolein	3.57	56	26772	208.072	ug/l	100
14) Allyl chloride	4.27	41	106513	59.772	ug/l	99
15) Acrylonitrile	4.93	53	165104	278.565	ug/l	99
16) Acetone	3.77	43	148560	266.882	ug/l	99
17) Carbon Disulfide	4.01	76	107729	40.579	ug/l	99
18) Methyl Acetate	4.27	43	83224	45.800	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	195940	53.355	ug/l	98
20) Methylene Chloride	4.50	84	59498	52.939	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	54111	51.706	ug/l	99
22) Diisopropyl ether	5.90	45	227866	55.142	ug/l	100
23) Vinyl Acetate	5.84	43	852664	256.266	ug/l	99
24) 1,1-Dichloroethane	5.80	63	114264	52.923	ug/l	99
25) 2-Butanone	6.78	43	228933	268.424	ug/l	99
26) 2,2-Dichloropropane	6.78	77	87916	48.344	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	69641	56.706	ug/l	98
28) Bromochloromethane	7.15	49	59872	58.506	ug/l	96
29) Tetrahydrofuran	7.17	42	154749	269.355	ug/l	98
30) Chloroform	7.33	83	114176	52.183	ug/l	100
31) Cyclohexane	7.61	56	89436	42.654	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	97208	51.021	ug/l	99
36) 1,1-Dichloropropene	7.75	75	79597	49.734	ug/l	99
37) Ethyl Acetate	6.88	43	93403	49.781	ug/l	99
38) Carbon Tetrachloride	7.73	117	75309	51.502	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	72873	40.601	ug/l	97
40) Benzene	8.00	78	243492	51.066	ug/l	99
41) Methacrylonitrile	7.12	41	43500	55.839	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	97483	53.967	ug/l	99
43) Isopropyl Acetate	8.12	43	157936	50.720	ug/l	100
44) Trichloroethene	8.80	130	64550	50.079	ug/l	100
45) 1,2-Dichloropropane	9.08	63	67439	52.941	ug/l	100
46) Dibromomethane	9.18	93	42332	53.671	ug/l	99
47) Bromodichloromethane	9.37	83	91631	54.126	ug/l	99
48) Methyl methacrylate	9.17	41	78692	56.003	ug/l	97
49) 1,4-Dioxane	9.16	88	15896	996.609	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	498639	272.053	ug/l	100
52) Toluene	10.12	92	145566	50.685	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	99408	52.112	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	102036	50.596	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	59978	52.357	ug/l	99
56) Ethyl methacrylate	10.40	69	96135	48.259	ug/l	98
57) 1,3-Dichloropropane	10.68	76	107610	53.442	ug/l	99
59) 2-Hexanone	10.72	43	362312	271.710	ug/l	100
60) Dibromochloromethane	10.87	129	64614	53.854	ug/l	98
61) 1,2-Dibromoethane	10.98	107	59865	52.139	ug/l	99
64) Tetrachloroethene	10.60	164	84226	65.084	ug/l	99
65) Chlorobenzene	11.41	112	150815	50.883	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	57785	54.472	ug/l	99
67) Ethyl Benzene	11.48	91	280651	50.582	ug/l	100
68) m/p-Xylenes	11.59	106	204015	100.456	ug/l	98
69) o-Xylene	11.92	106	98015	50.243	ug/l	98
70) Stvrene	11.94	104	162276	49.701	ug/l	98
71) Bromoform	12.10	173	43132	55.323	ug/l #	100
73) Isopropylbenzene	12.22	105	260630	49.611	ug/l	100
74) N-amyl acetate	12.04	43	134729	50.645	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	89956	54.914	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	78277m	51.956	ug/l	
77) Bromobenzene	12.50	156	62525	51.557	ug/l	98
78) n-propylbenzene	12.57	91	309530	49.674	ug/l	99
79) 2-Chlorotoluene	12.65	91	187345	51.151	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	219169	50.406	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	30517	51.438	ug/l	97
82) 4-Chlorotoluene	12.75	91	198013	51.296	ug/l	99
83) tert-Butylbenzene	12.97	119	176996	48.276	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	223360	49.860	ug/l	99
85) sec-Butylbenzene	13.15	105	235606	47.134	ug/l	99
86) p-Isopropyltoluene	13.26	119	213125	47.322	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	112795	50.523	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	113616	49.807	ug/l	99
89) n-Butylbenzene	13.59	91	191221	46.315	ug/l	99
90) Hexachloroethane	13.85	117	32159	65.643	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	109688	51.240	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18594	53.745	ug/l	96
93) 1,2,4-Trichlorobenzene	14.89	180	62118	47.653	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.99	225	26216	48.139	ug/l	98
95) Naphthalene	15.10	128	204934	48.273	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	61783	48.005	ug/l	100

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

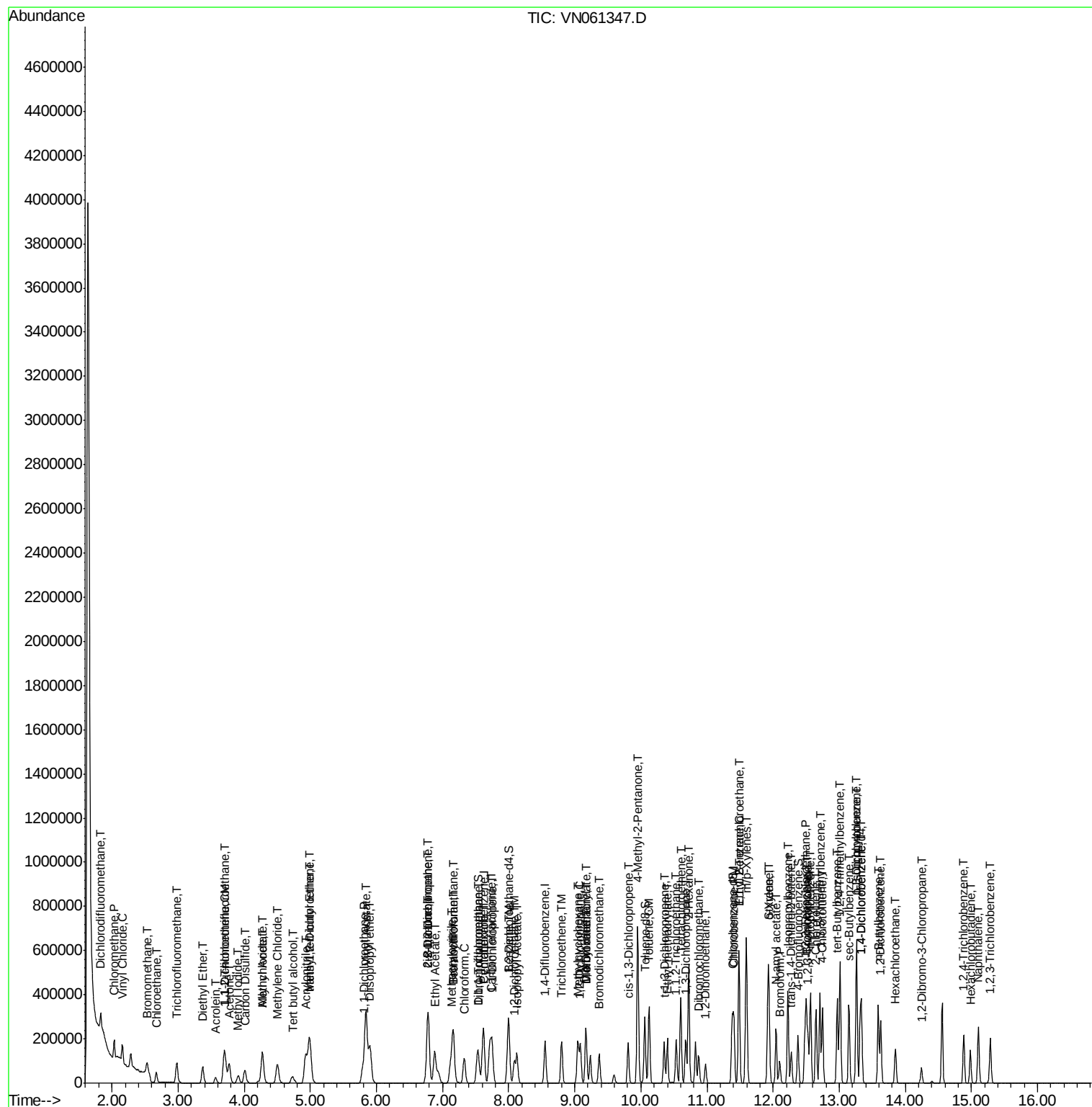
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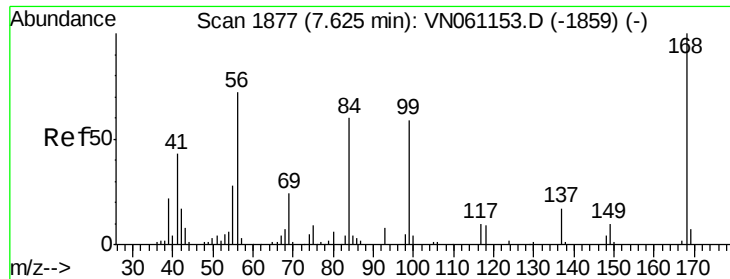
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :

MSVOA_N

ClientSampleId :

SS050MW052-200504MSD

Tot Ion:168 Resp: 91090

Ion Ratio Lower Upper

168 100

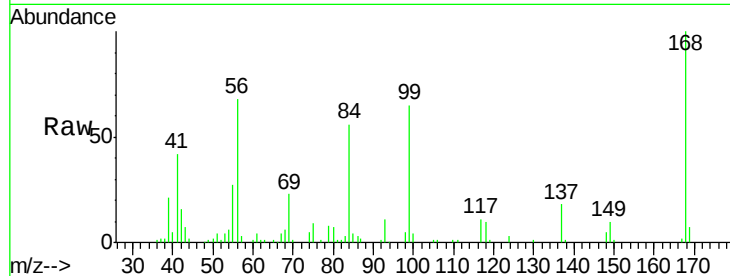
99 65.4 51.2 76.8

Manual Integrations

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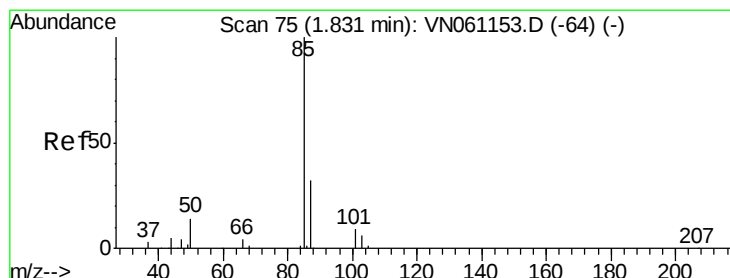
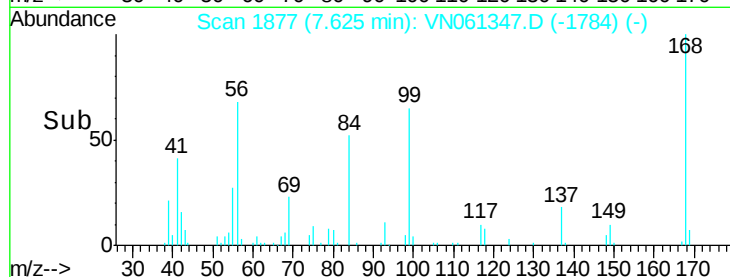
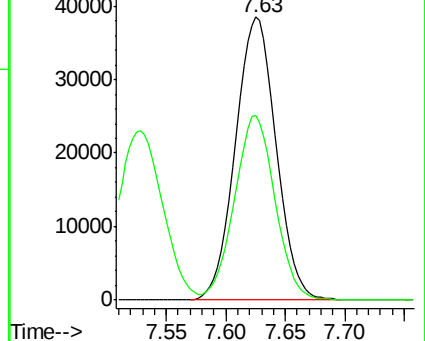
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 47.570 ug/l

RT: 1.83 min Scan# 75

Delta R.T. 0.00 min

Lab File: VN061347.D

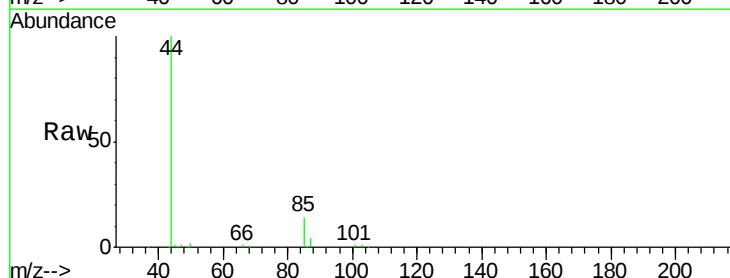
Acq: 7 May 2020 20:21

Tgt Ion: 85 Resp: 45950

Ion Ratio Lower Upper

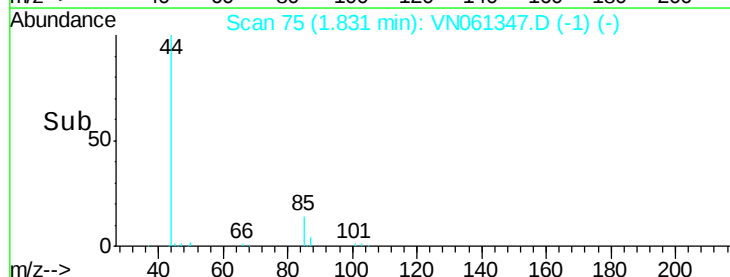
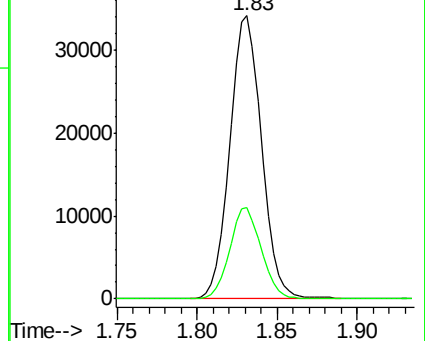
85 100

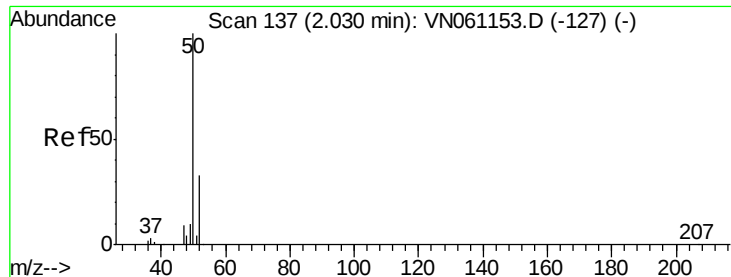
87 32.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 54.993 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :

MSVOA_N

ClientSampleId :

SS050MW052-200504MSD

Tot Ion: 50 Resp: 64335

Ion Ratio Lower Upper

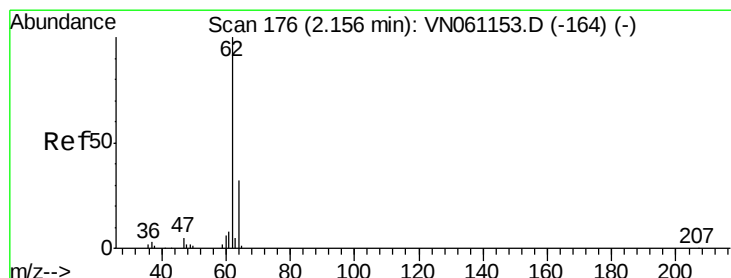
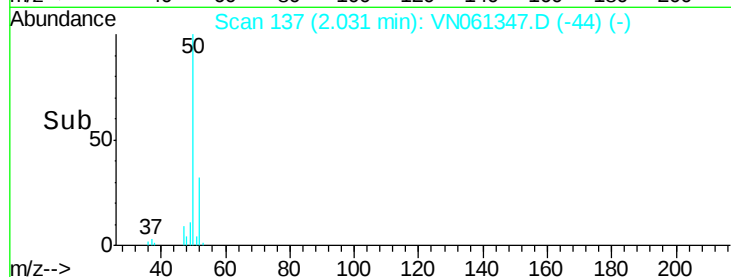
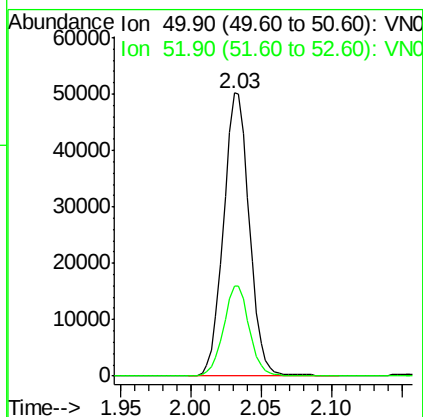
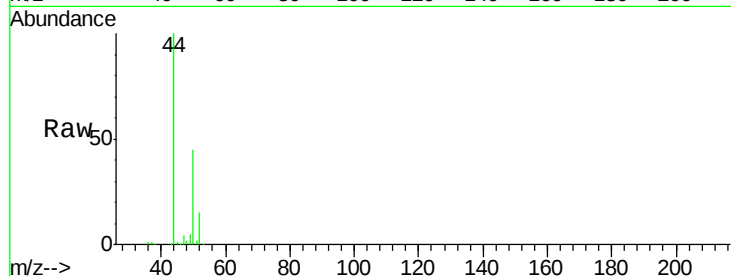
50 100

52 32.0 26.0 39.0

Manual Integrations
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#4

Vinyl Chloride

Concen: 53.369 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061347.D

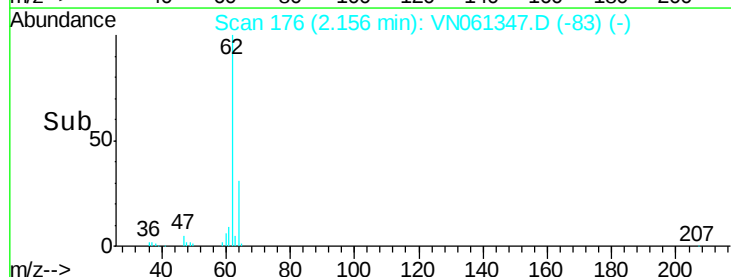
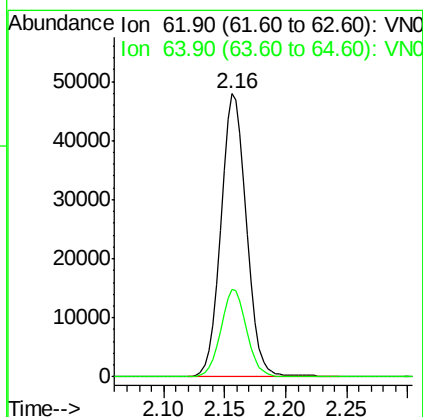
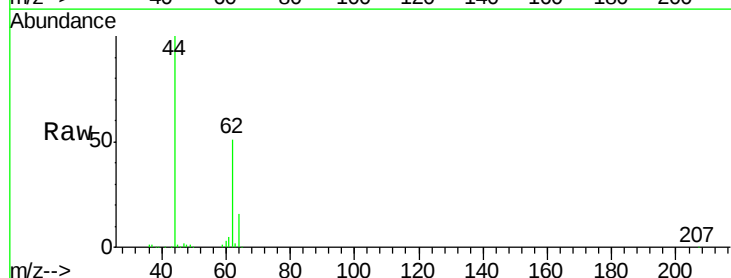
Acq: 7 May 2020 20:21

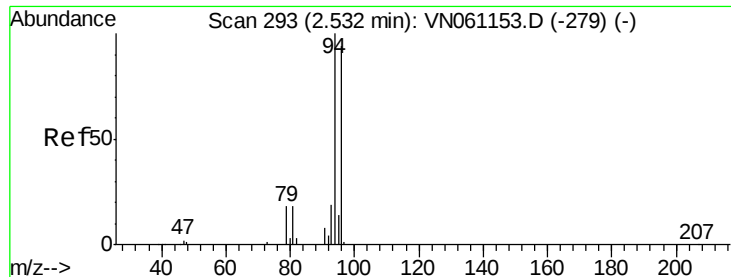
Tgt Ion: 62 Resp: 70914

Ion Ratio Lower Upper

62 100

64 31.1 25.2 37.8





#5

Bromomethane

Concen: 44.515 ug/l

RT: 2.53 min Scan# 292

Delta R.T. -0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

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Tot Ion: 94 Resp: 29238

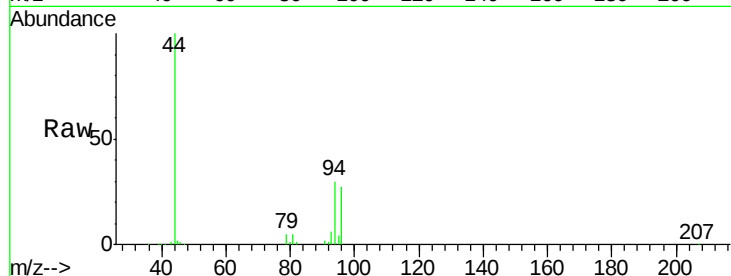
Ion Ratio Lower Upper

94 100

96 89.9 75.1 112.7

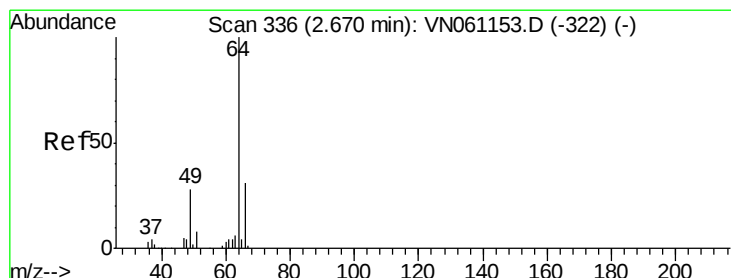
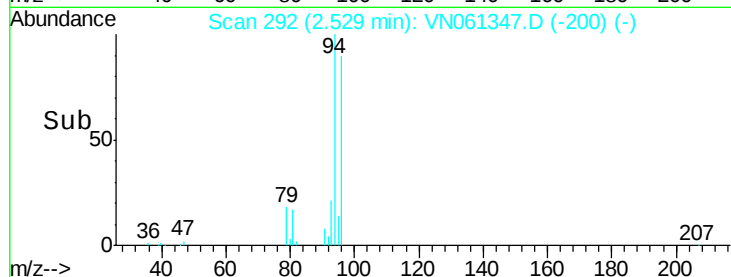
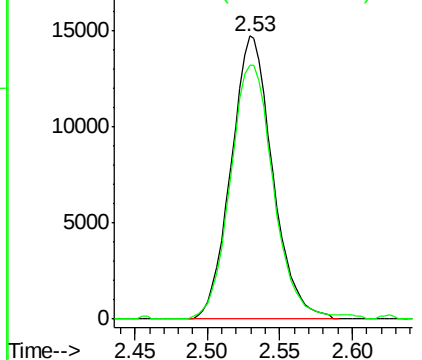
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 51.485 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061347.D

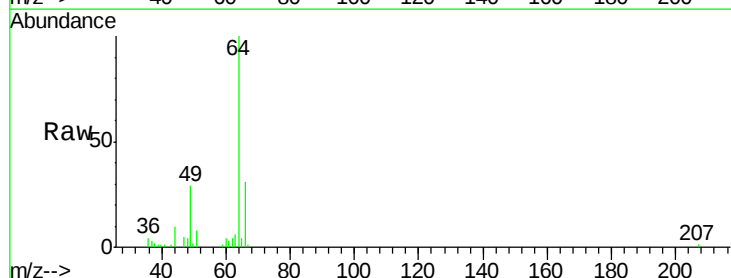
Acq: 7 May 2020 20:21

Tgt Ion: 64 Resp: 43361

Ion Ratio Lower Upper

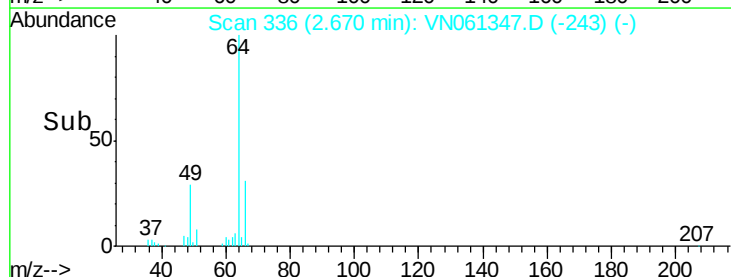
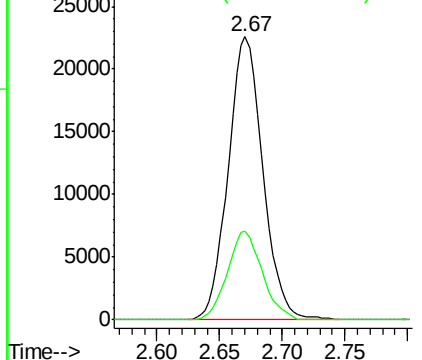
64 100

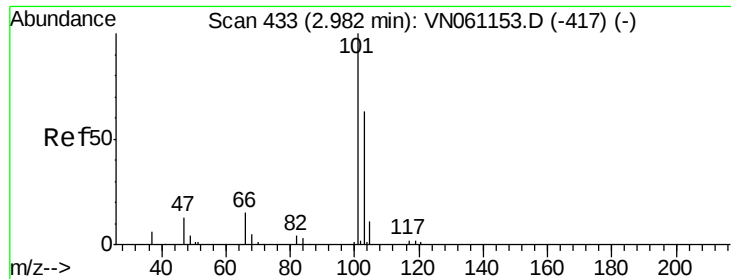
66 31.4 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

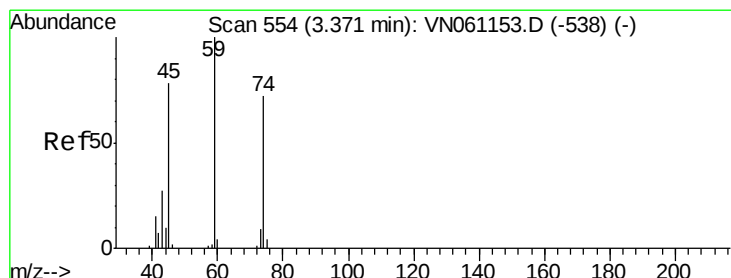
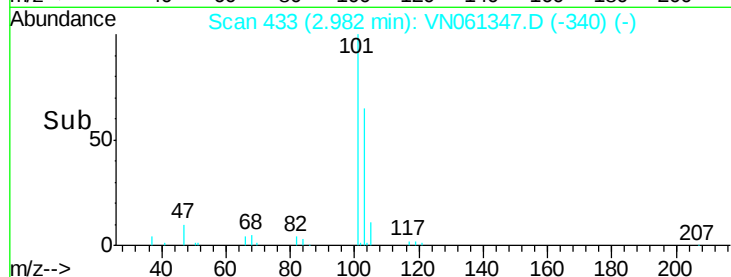
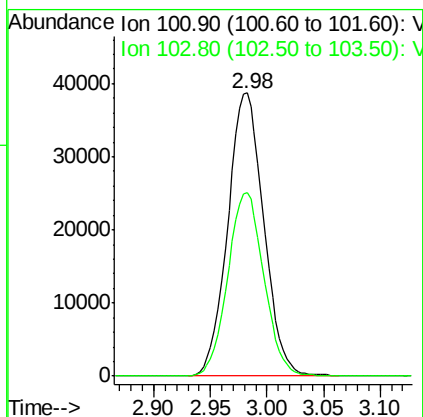
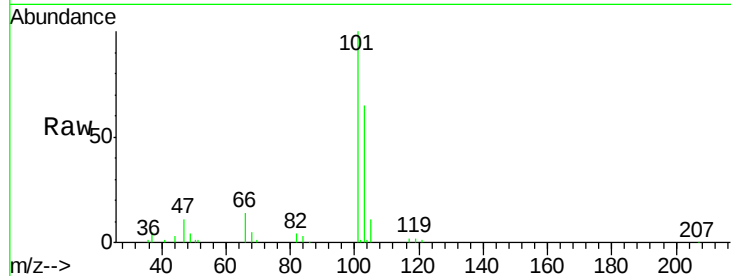
Trichlorofluoromethane
Concen: 57.191 ug/l
RT: 2.98 min Scan# 433
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	50.6	76.0

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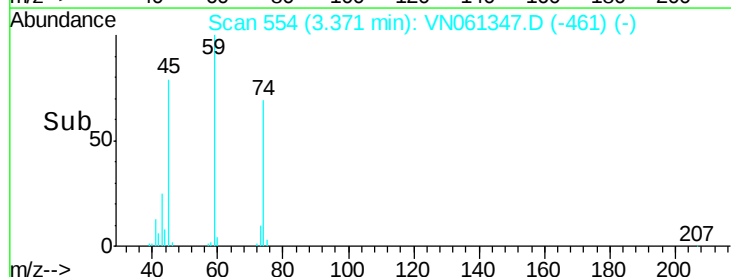
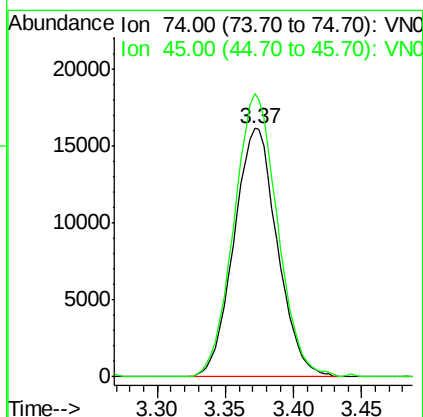
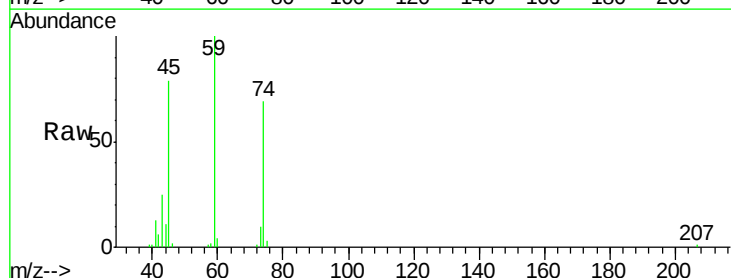
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#8

Diethyl Ether
Concen: 56.909 ug/l
RT: 3.37 min Scan# 554
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	114.5	53.3	160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.024 ug/l

RT: 3.72 min Scan# 661

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :

MSVOA_N

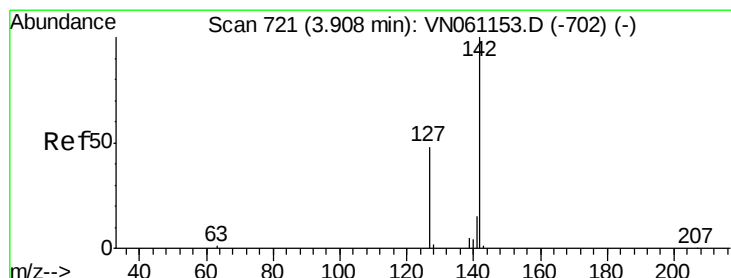
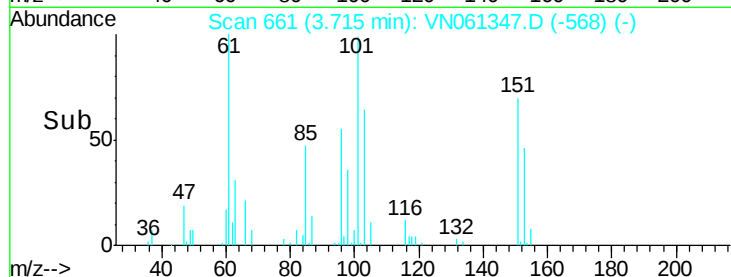
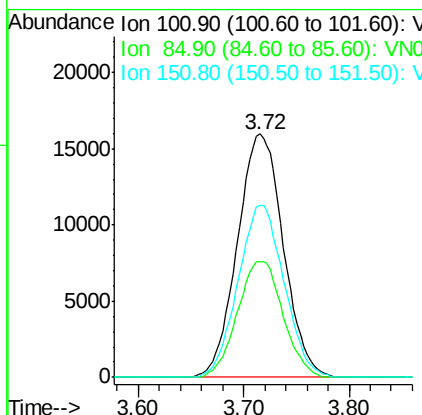
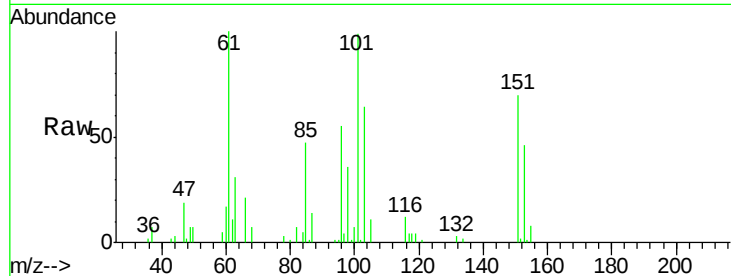
ClientSampleId :

SS050MW052-200504MSD

Tot Ion:	101	Resp:	48312
Ion Ratio	Lower	Upper	
101	100		
85	47.1	37.2	55.8
151	70.9	57.7	86.5

Manual Integrations
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#10

Methyl Iodide

Concen: 42.892 ug/l

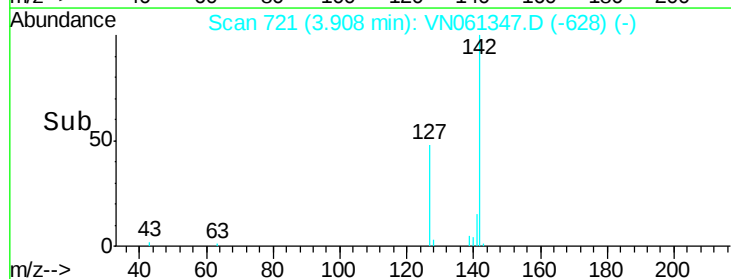
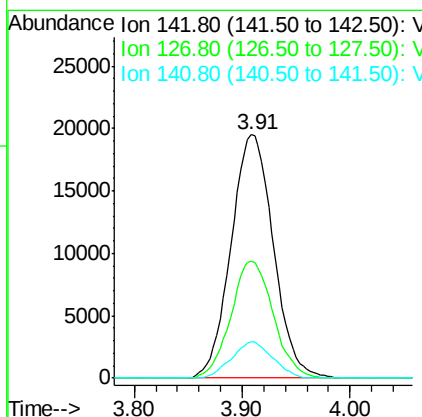
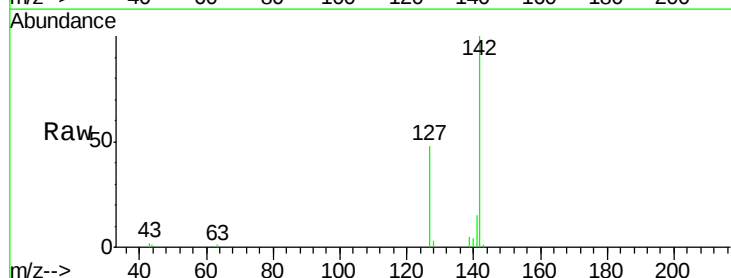
RT: 3.91 min Scan# 721

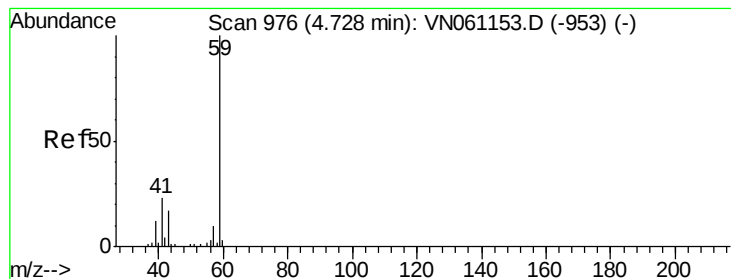
Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Tgt Ion:	142	Resp:	53236
Ion Ratio	Lower	Upper	
142	100		
127	47.9	38.0	57.0
141	14.4	11.7	17.5





#11

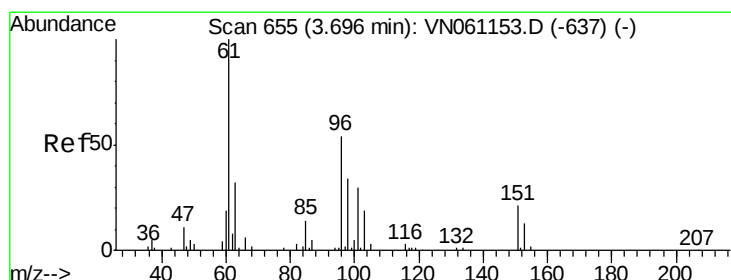
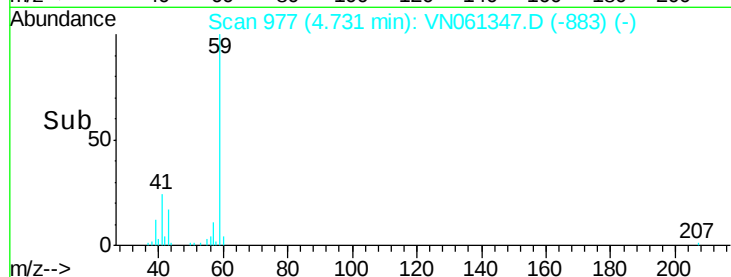
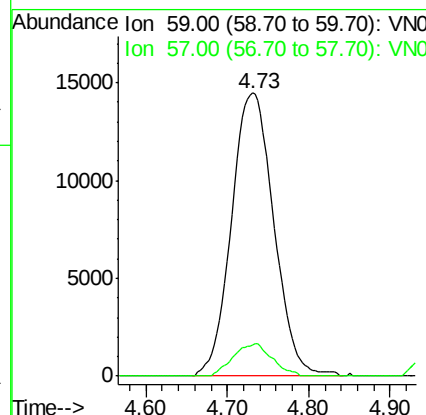
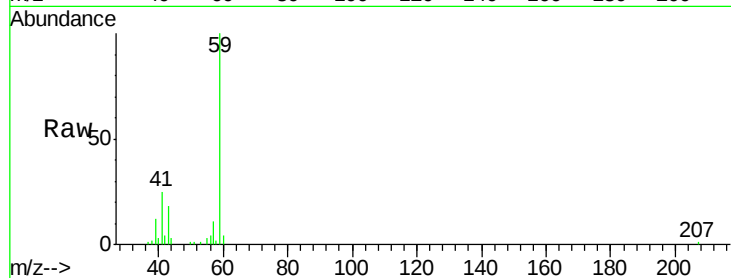
Tert butyl alcohol
Concen: 271.043 ug/l
RT: 4.73 min Scan# 977
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Instrument :
MSVOA_N
ClientSampleId :
SS050MW052-200504MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.3	12.5

Manual Integrations
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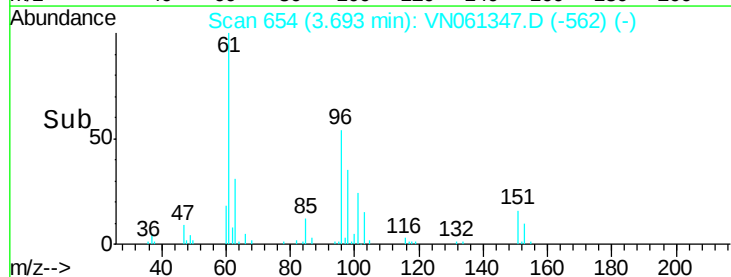
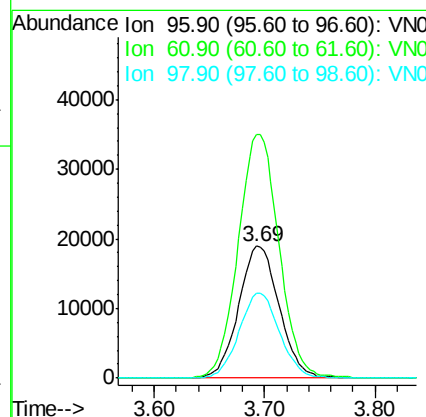
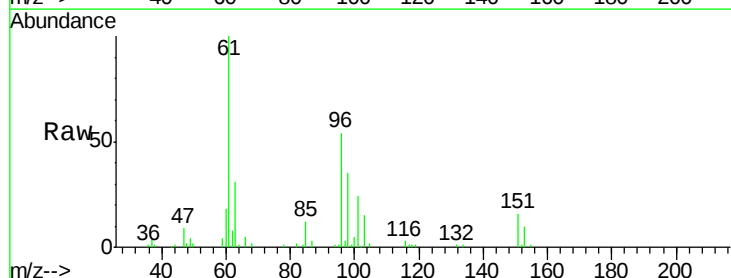
MMDadoda
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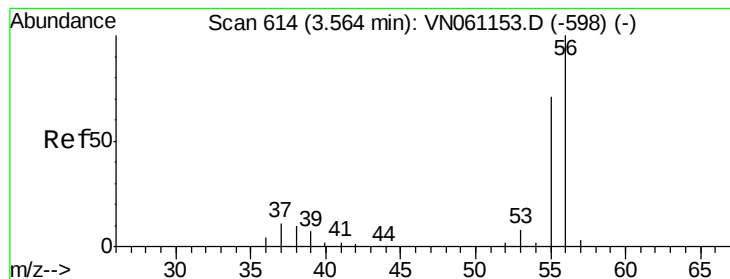


#12

1,1-Dichloroethene
Concen: 50.120 ug/l
RT: 3.69 min Scan# 654
Delta R.T. -0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	184.8	147.0	220.6
98	64.5	49.8	74.6





#13

Acrolein

Concen: 208.072 ug/l

RT: 3.57 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :

MSVOA_N

ClientSampleId :

SS050MW052-200504MSD

Tot Ion: 56 Resp: 26772

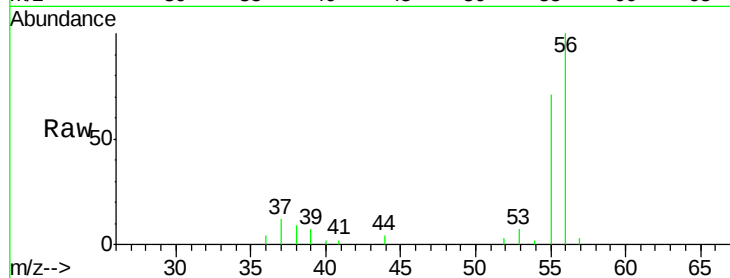
Ion Ratio Lower Upper

56 100

55 73.2 58.5 87.7

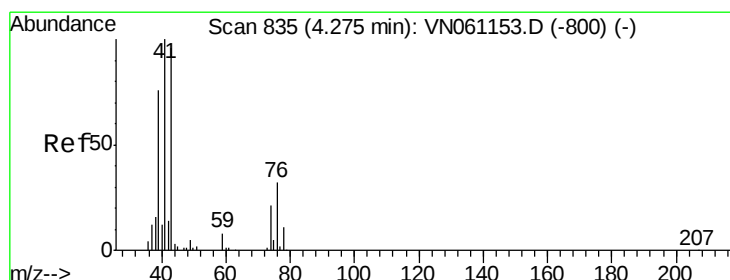
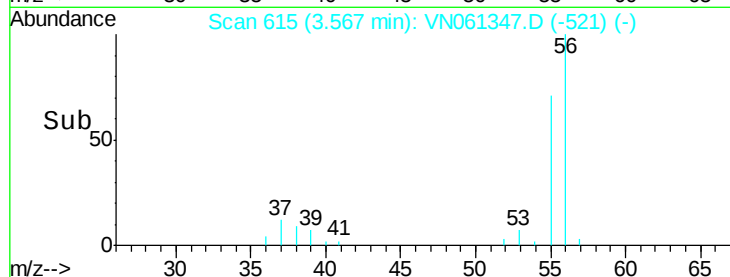
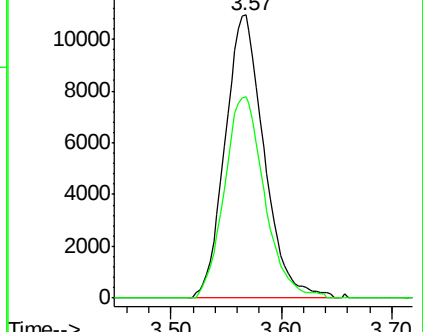
Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VN061153.D (-598) (-)

Ion 55.00 (54.70 to 55.70): VN061153.D (-598) (-)



#14

Allyl chloride

Concen: 59.772 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

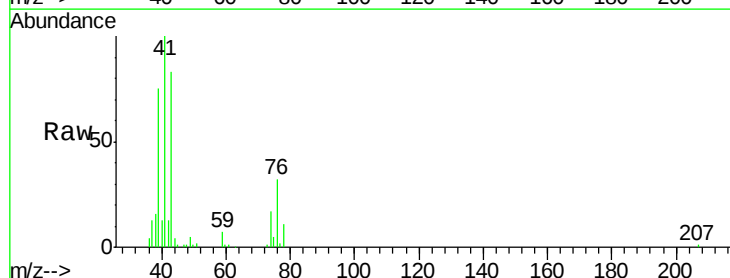
Tgt Ion: 41 Resp: 106513

Ion Ratio Lower Upper

41 100

39 70.8 57.1 85.7

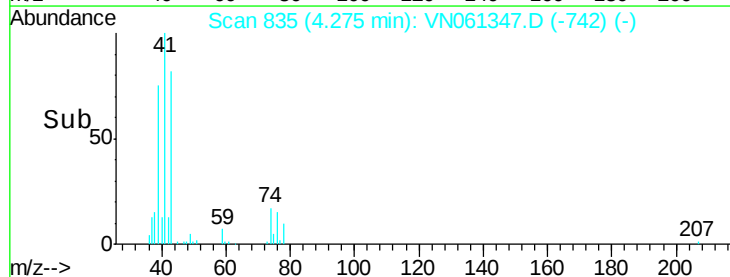
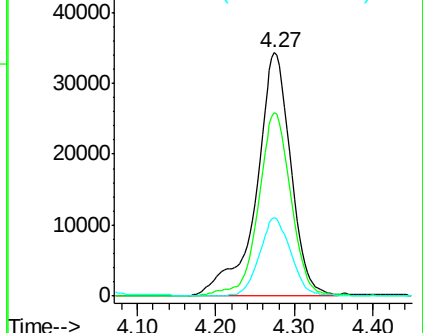
76 29.2 24.3 36.5



Abundance Ion 41.00 (40.70 to 41.70): VN061153.D (-800) (-)

Ion 39.00 (38.70 to 39.70): VN061153.D (-800) (-)

Ion 75.90 (75.60 to 76.60): VN061153.D (-800) (-)





#15

Acrylonitrile

Concen: 278.565 ug/l

RT: 4.93 min Scan# 1039

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :

MSVOA_N

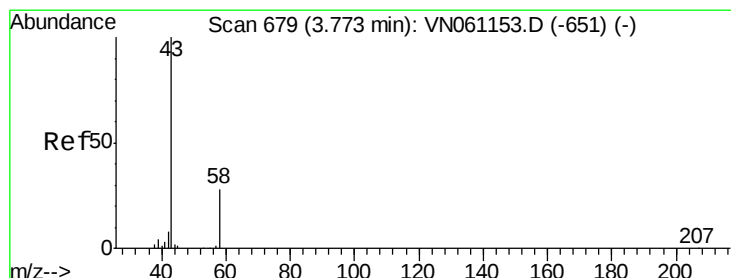
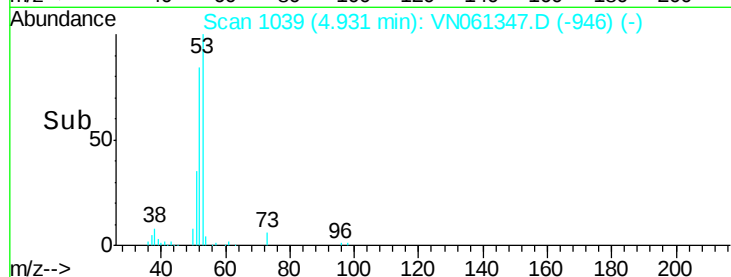
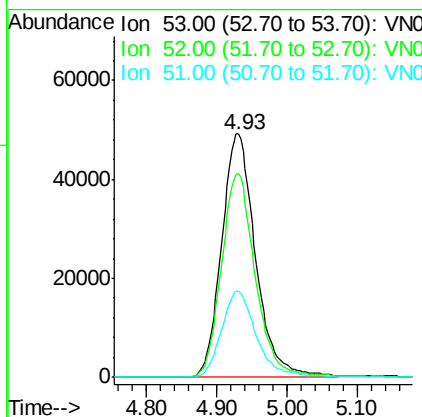
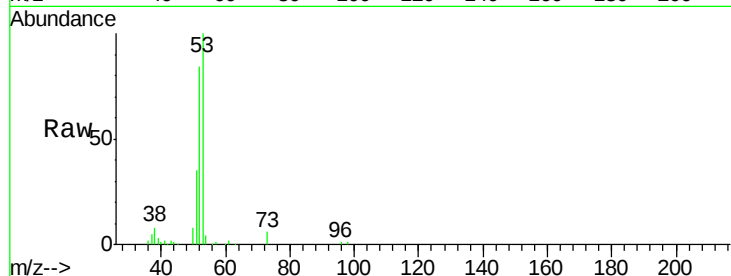
ClientSampleId :

SS050MW052-200504MSD

Tot Ion:	53	Resp:	165104
Ion Ratio		Lower	Upper
53	100		
52	82.8	65.4	98.0
51	36.4	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 266.882 ug/l

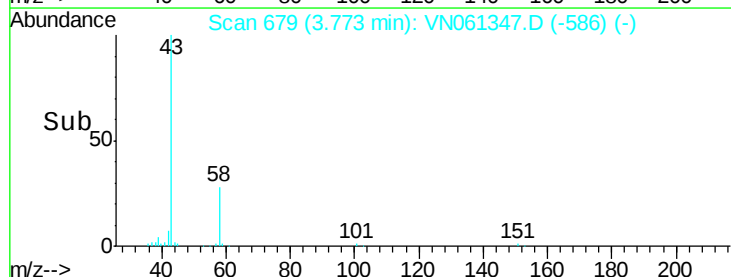
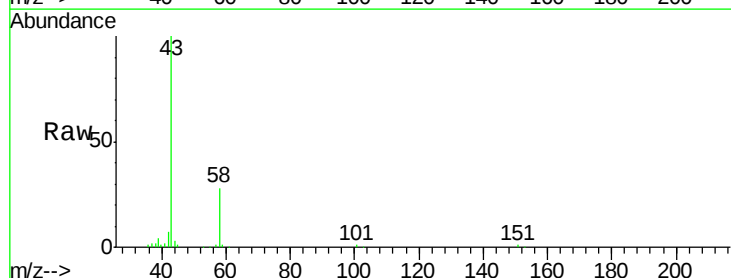
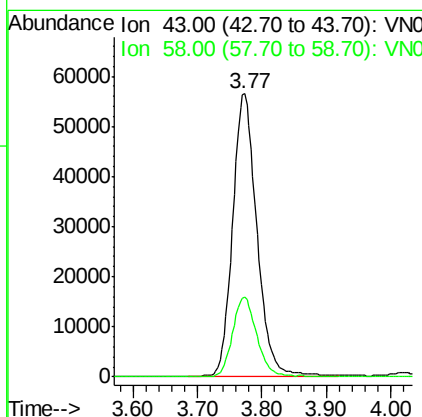
RT: 3.77 min Scan# 679

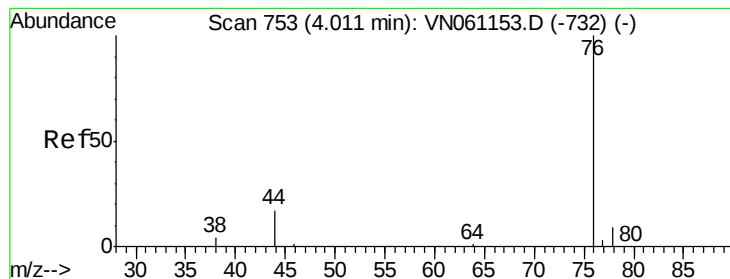
Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Tgt Ion:	43	Resp:	148560
Ion Ratio		Lower	Upper
43	100		
58	28.2	22.2	33.2





#17

Carbon Disulfide

Concen: 40.579 ug/l

RT: 4.01 min Scan# 753

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :

MSVOA_N

ClientSampleId :

SS050MW052-200504MSD

Tot Ion: 76 Resp: 107729

Ion Ratio Lower Upper

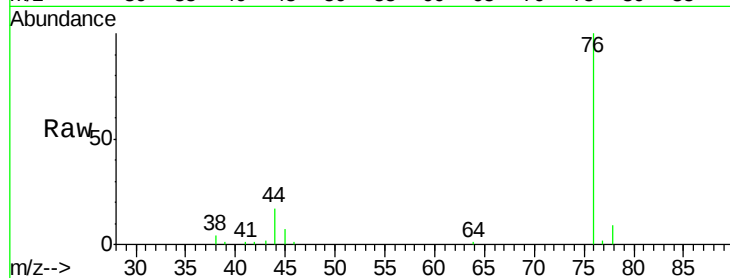
76 100

78 9.3 7.2 10.8

Manual Integrations
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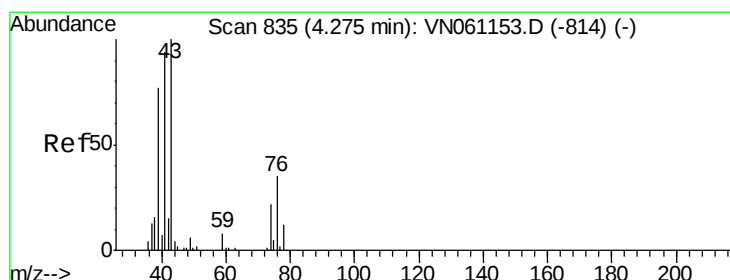
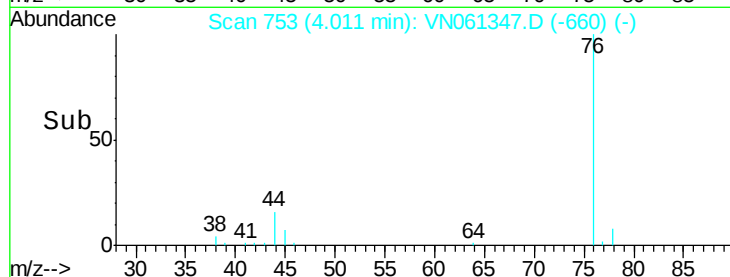
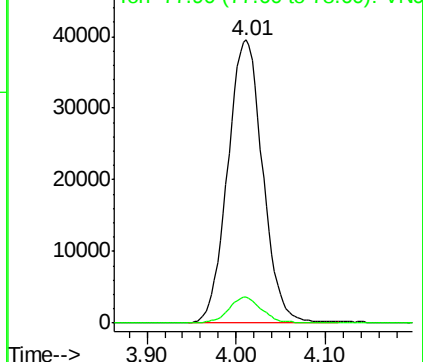
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 45.800 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061347.D

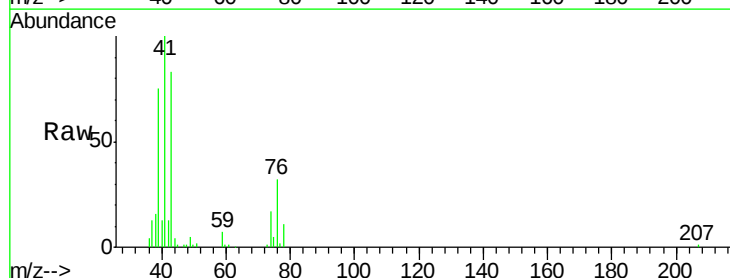
Acq: 7 May 2020 20:21

Tgt Ion: 43 Resp: 83224

Ion Ratio Lower Upper

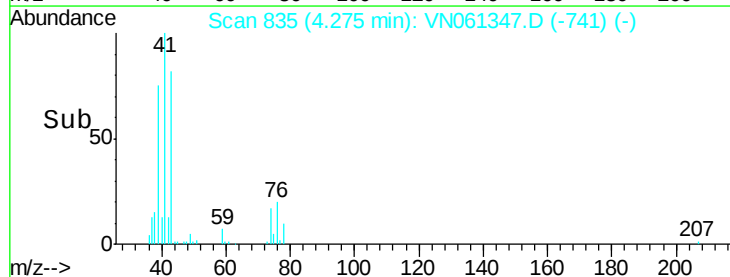
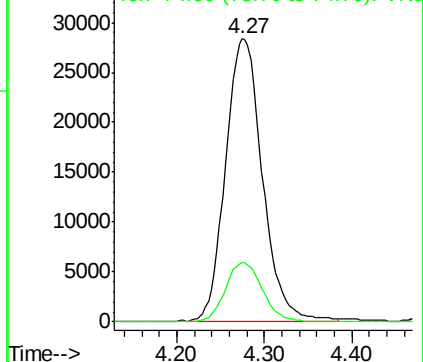
43 100

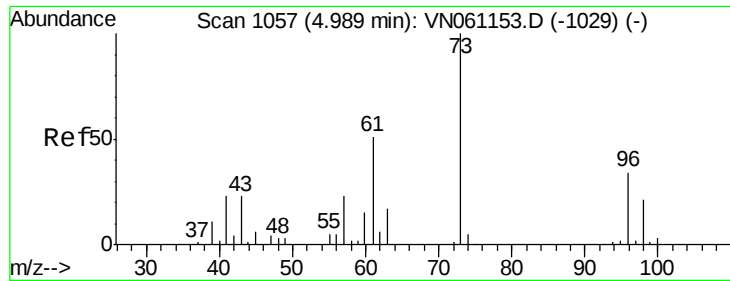
74 21.0 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





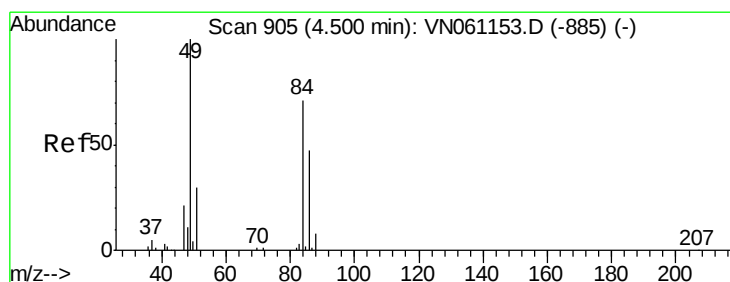
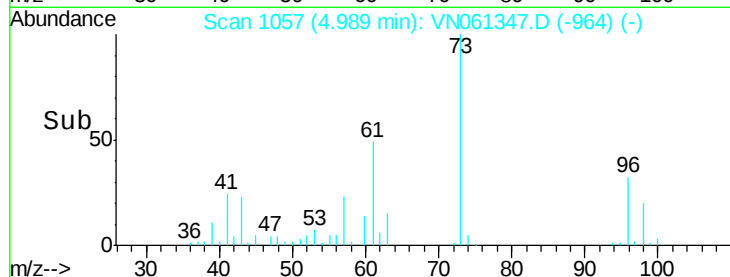
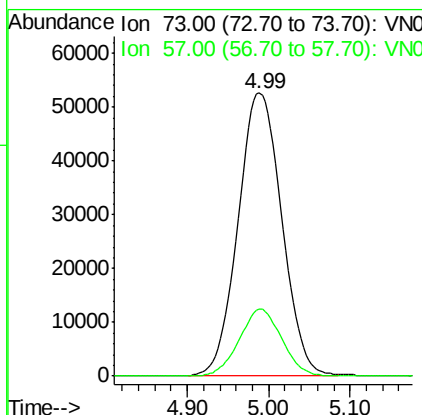
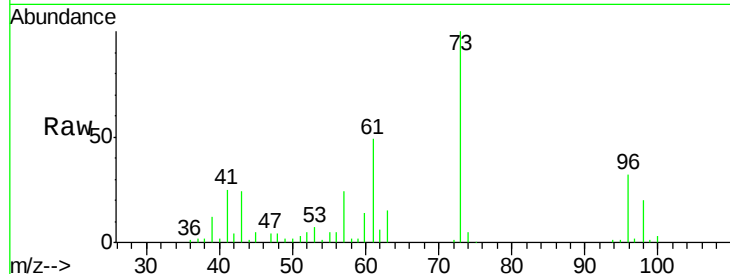
#19
Methvl tert-butvl Ether
Concen: 53.355 ug/l
RT: 4.99 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Instrument :
MSVOA_N
ClientSampleId :
SS050MW052-200504MSD

Tot Ion: 73 Resp: 195940
Ion Ratio Lower Upper
73 100
57 23.9 18.3 27.5

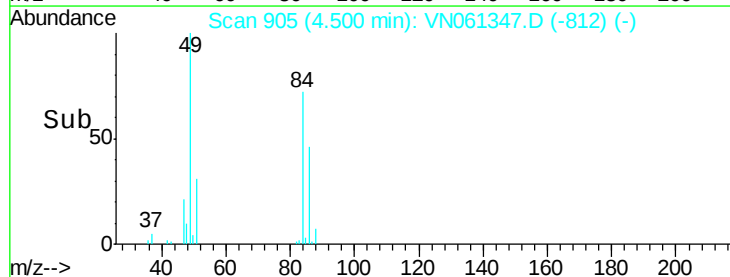
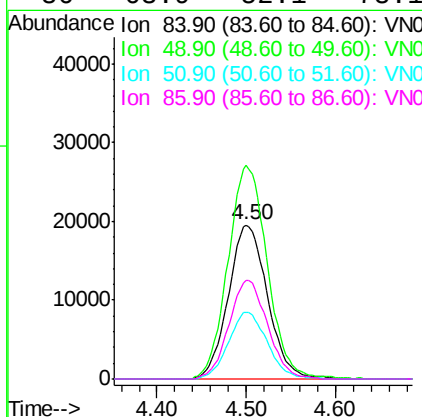
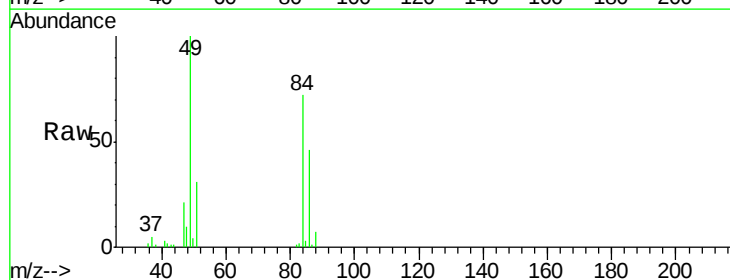
Manual Integrations
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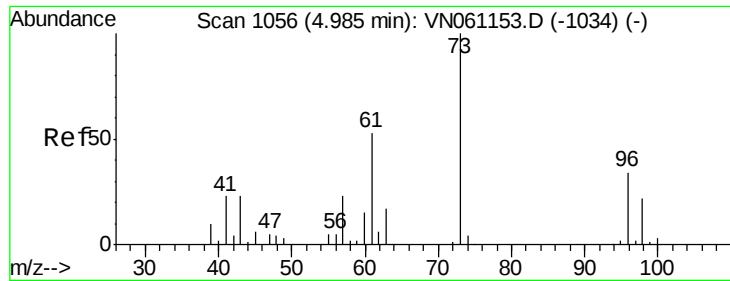
MMDadoda
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#20
Methylene Chloride
Concen: 52.939 ug/l
RT: 4.50 min Scan# 905
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion: 84 Resp: 59498
Ion Ratio Lower Upper
84 100
49 138.7 112.0 168.0
51 43.6 33.6 50.4
86 63.9 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 51.706 ug/l

RT: 4.99 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :

MSVOA_N

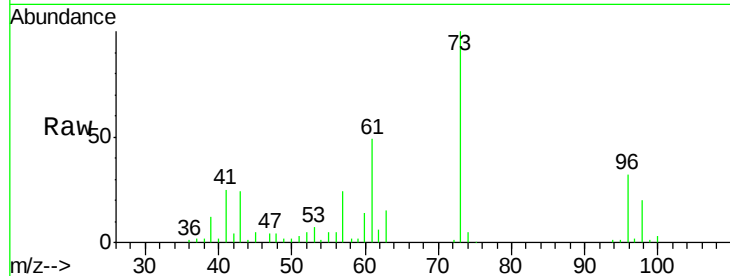
ClientSampleId :

SS050MW052-200504MSD

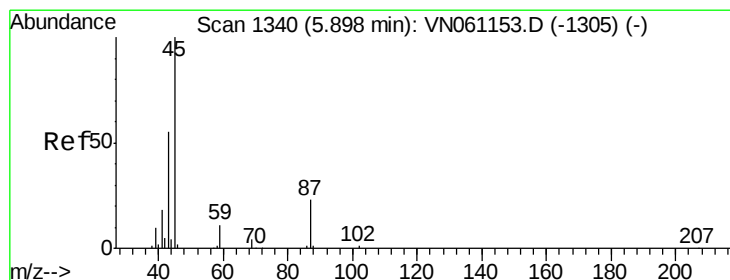
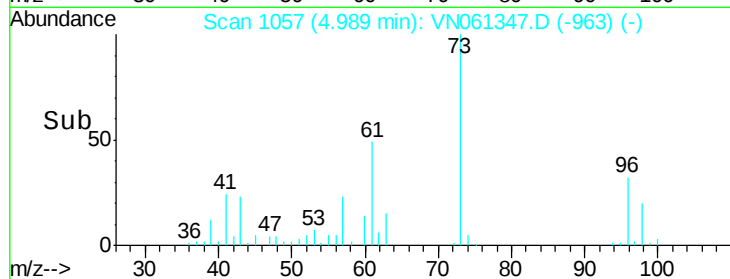
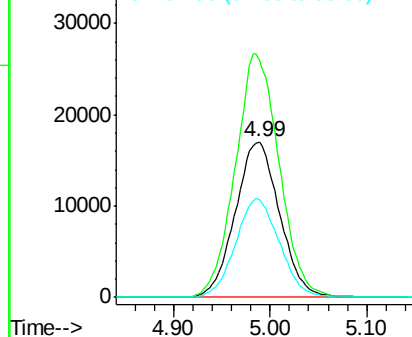
Tot Ion:	96	Resp:	54111
Ion	Ratio	Lower	Upper
96	100		
61	152.6	123.0	184.4
98	63.1	50.1	75.1

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



#22

Diisopropyl ether

Concen: 55.142 ug/l

RT: 5.90 min Scan# 1341

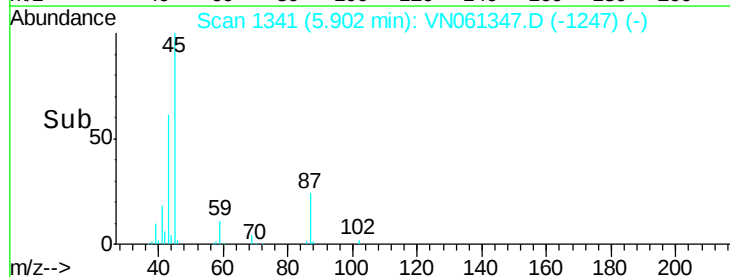
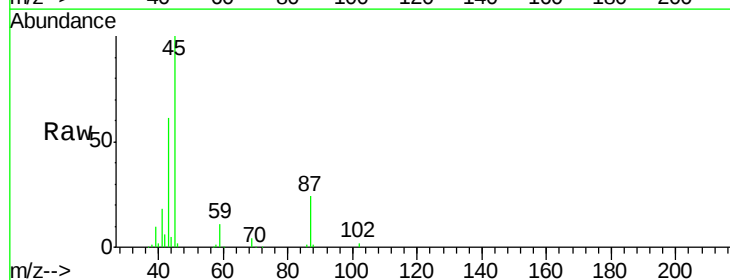
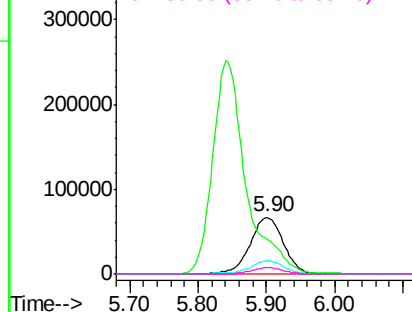
Delta R.T. 0.00 min

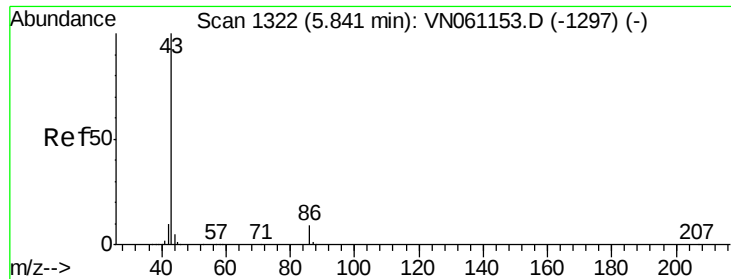
Lab File: VN061347.D

Acq: 7 May 2020 20:21

Tgt Ion:	45	Resp:	227866
Ion	Ratio	Lower	Upper
45	100		
43	59.9	47.9	71.9
87	24.0	19.2	28.8
59	10.6	9.0	13.4

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





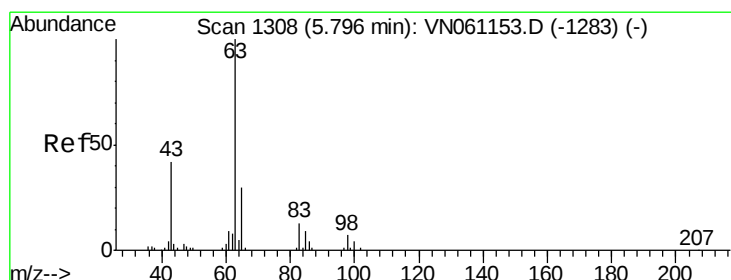
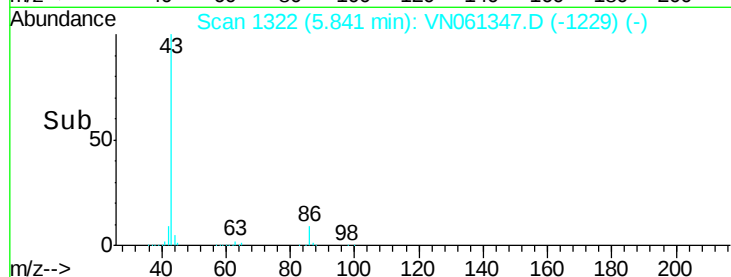
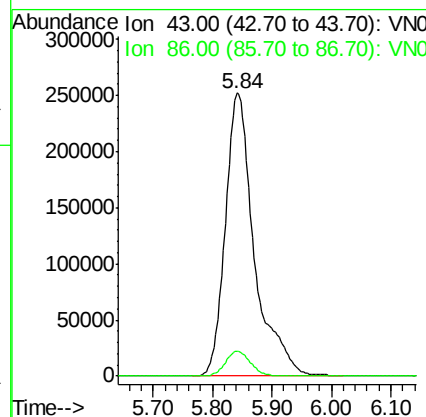
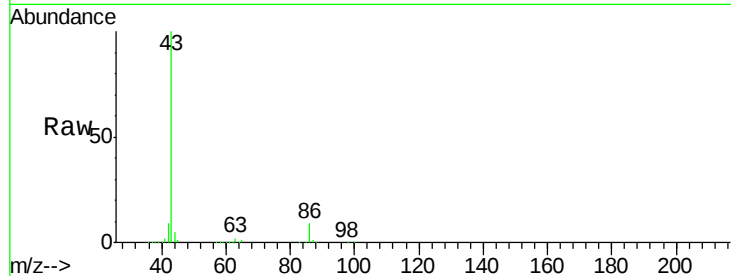
#23
 Vinyl Acetate
 Concen: 256.266 ug/l
 RT: 5.84 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Instrument :
 MSVOA_N
 ClientSampleId :
 SS050MW052-200504MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		852664		
86	8.7		7.2	10.8	

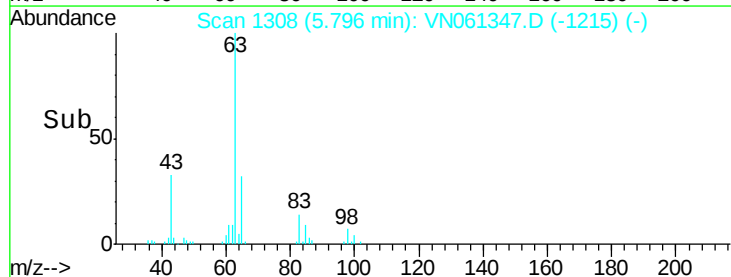
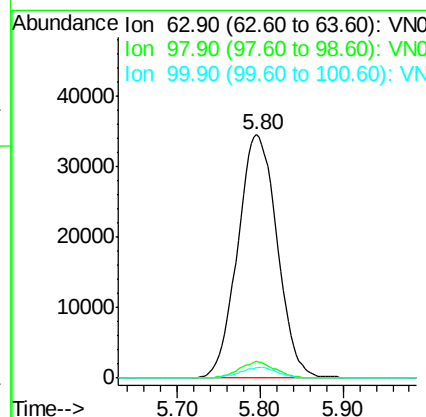
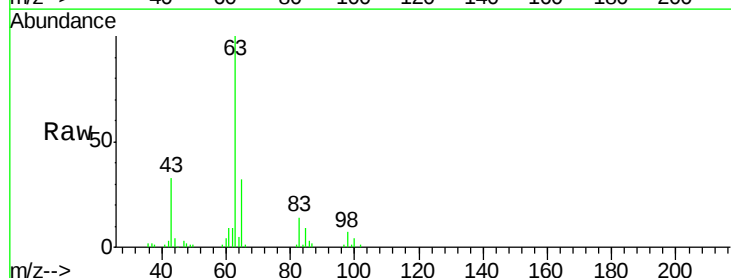
Manual Integrations
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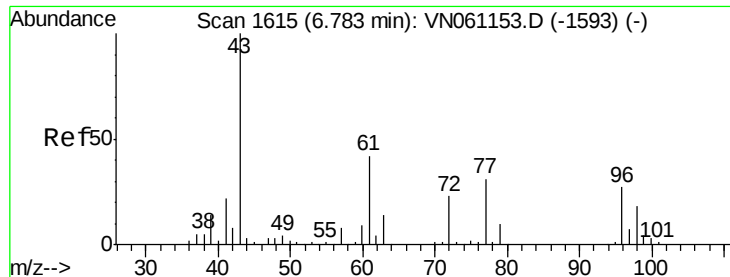
MMDadoda
 5/8/2020 1:18:20 PM



#24
 1,1-Dichloroethane
 Concen: 52.923 ug/l
 RT: 5.80 min Scan# 1308
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
63	100		114264		
98	6.9		3.3	9.9	
100	4.2		1.9	5.7	





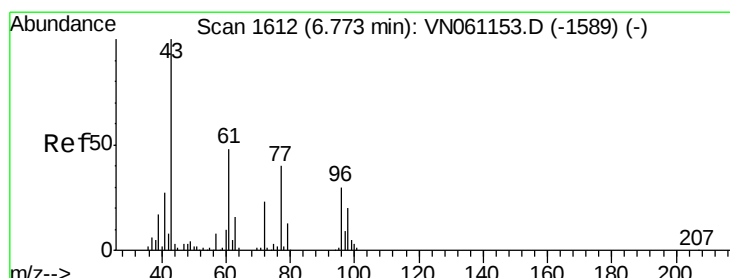
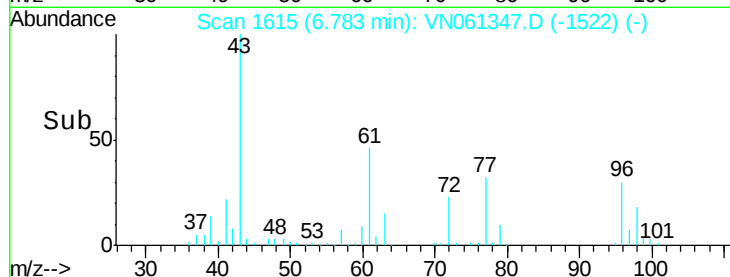
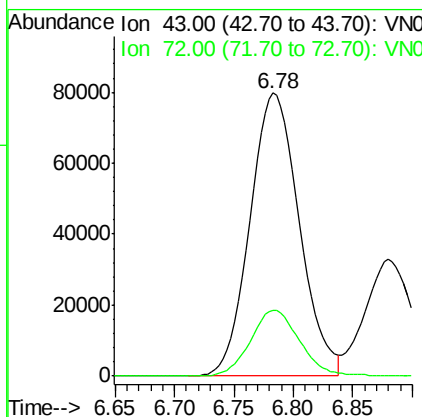
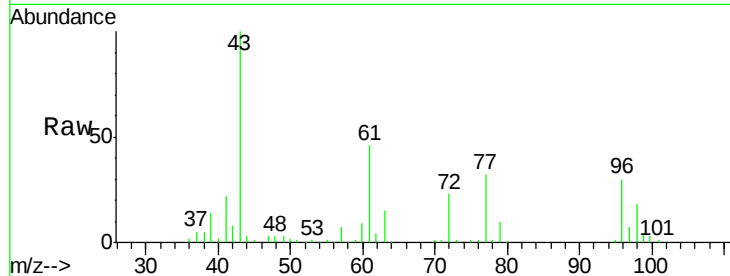
#25
2-Butanone
Concen: 268.424 ug/l
RT: 6.78 min Scan# 1615
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Instrument :
MSVOA_N
ClientSampleId :
SS050MW052-200504MSD

Tot Ion: 43 Resp: 228933
Ion Ratio Lower Upper
43 100
72 23.3 18.2 27.4

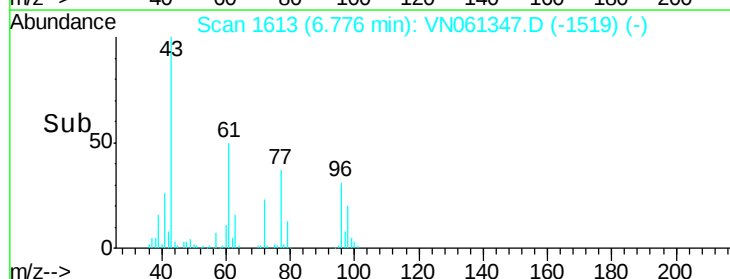
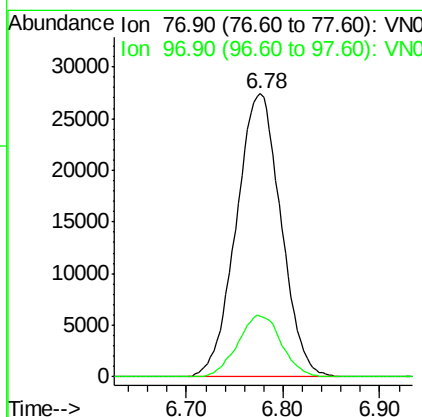
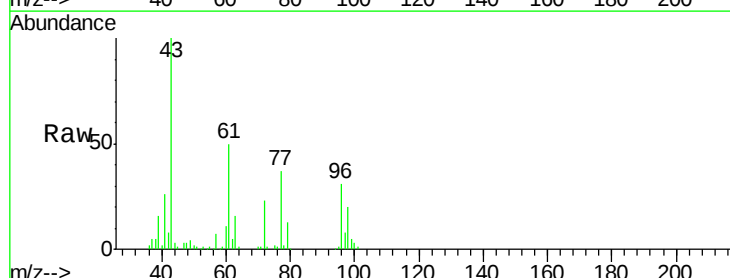
Manual Integrations
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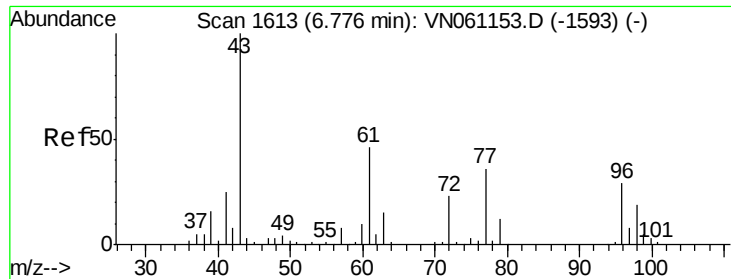
MMDadoda
5/8/2020 1:18:20 PM



#26
2,2-Dichloropropane
Concen: 48.344 ug/l
RT: 6.78 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion: 77 Resp: 87916
Ion Ratio Lower Upper
77 100
97 21.2 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 56.706 ug/l

RT: 6.78 min Scan# 1615

Delta R.T. 0.01 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :

MSVOA_N

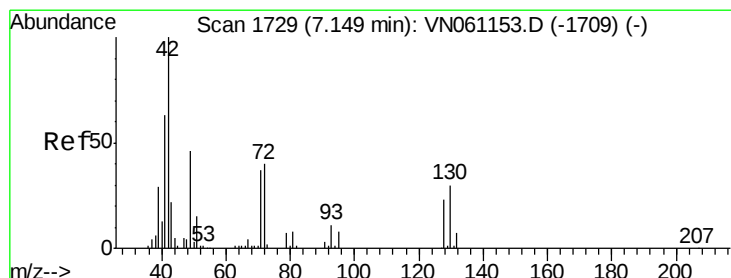
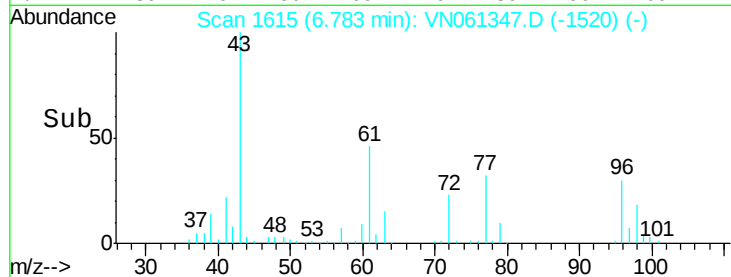
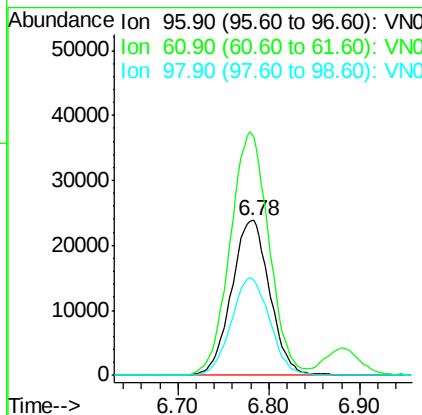
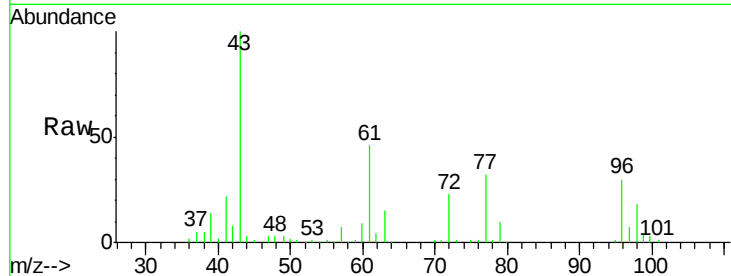
ClientSampleId :

SS050MW052-200504MSD

Tot Ion:	96	Resp:	69641
Ion	Ratio	Lower	Upper
96	100		
61	158.8	0.0	322.0
98	63.2	0.0	129.6

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#28

Bromochloromethane

Concen: 58.506 ug/l

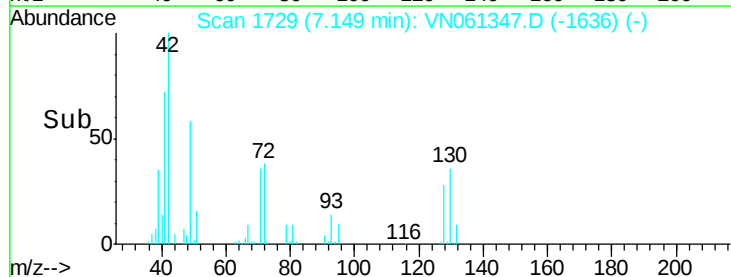
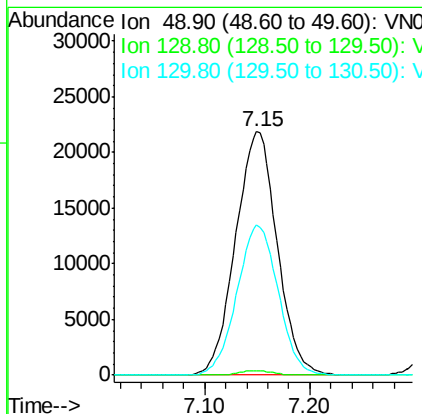
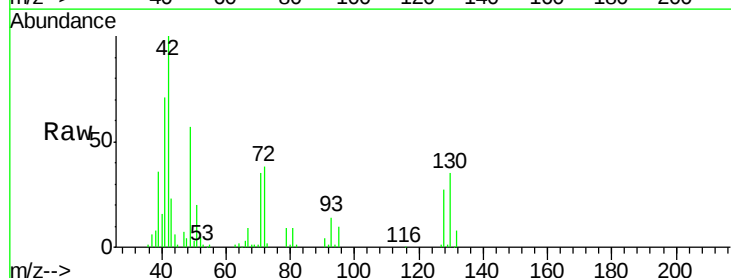
RT: 7.15 min Scan# 1729

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Tgt Ion:	49	Resp:	59872
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.0
130	61.0	51.4	77.2





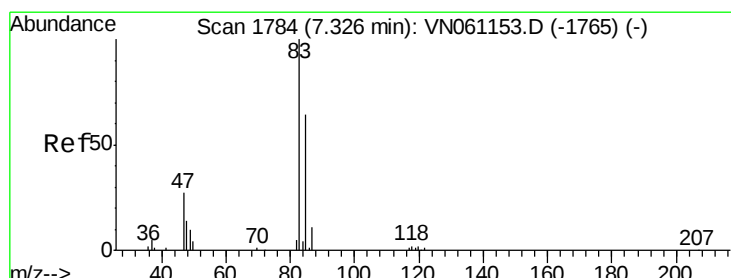
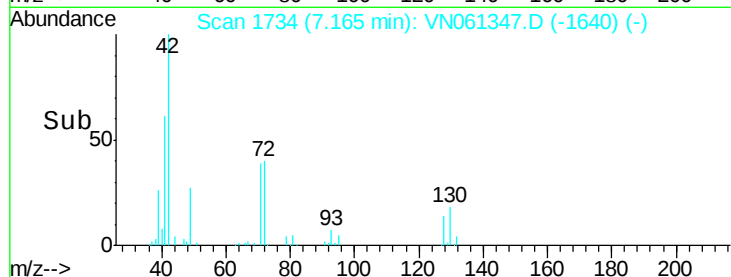
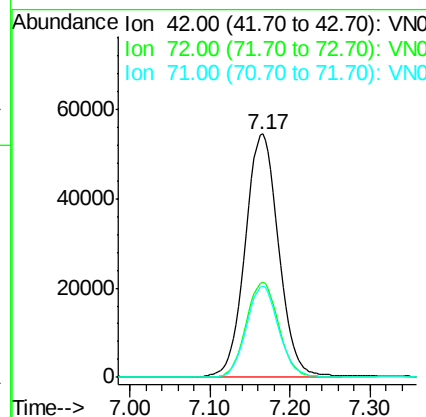
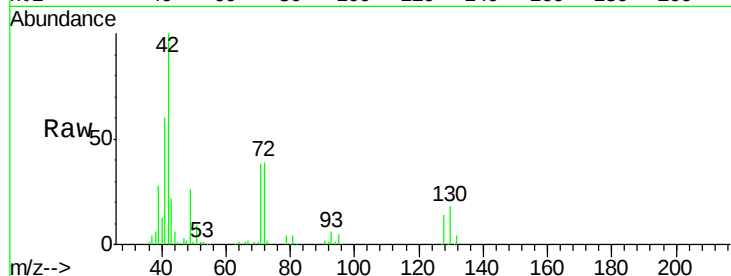
#29
Tetrahydrofuran
Concen: 269.355 ug/l
RT: 7.17 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Instrument :
MSVOA_N
ClientSampleId :
SS050MW052-200504MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.1	31.4	47.0
71	35.9	29.5	44.3

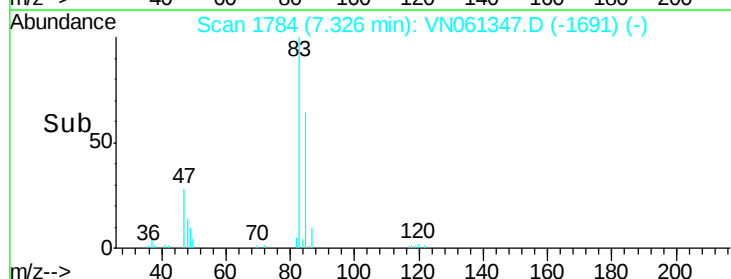
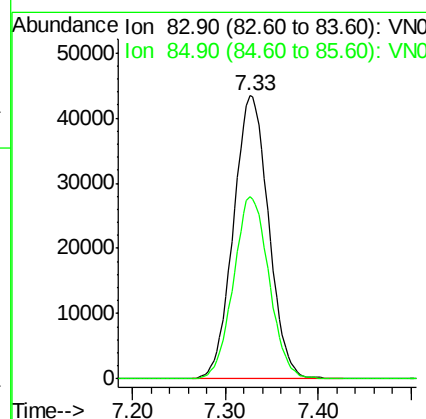
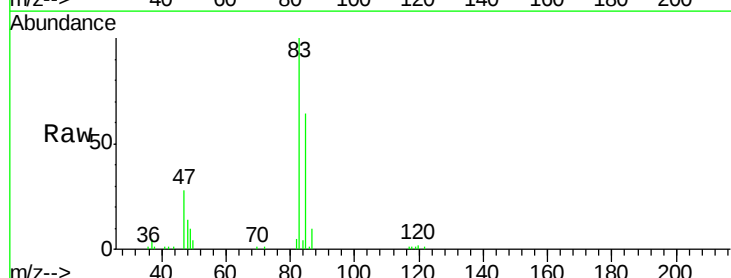
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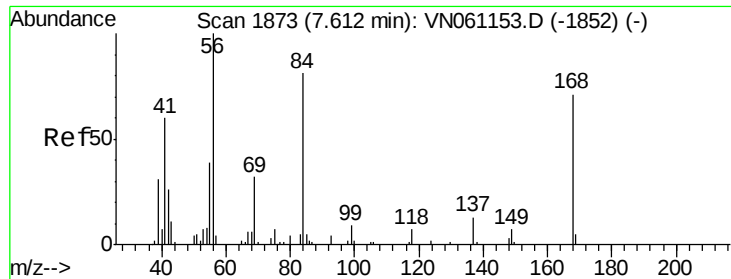
MMDadoda
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#30
Chloroform
Concen: 52.183 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.1	76.7





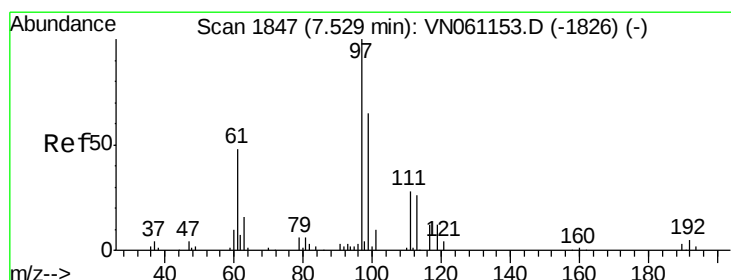
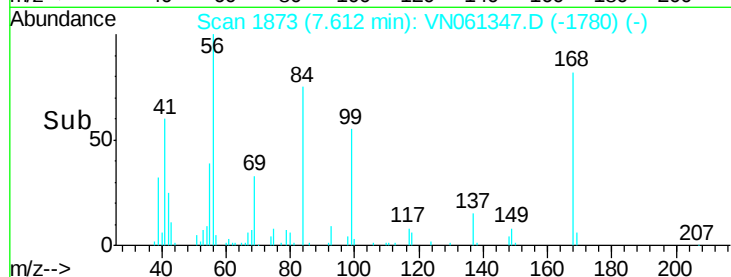
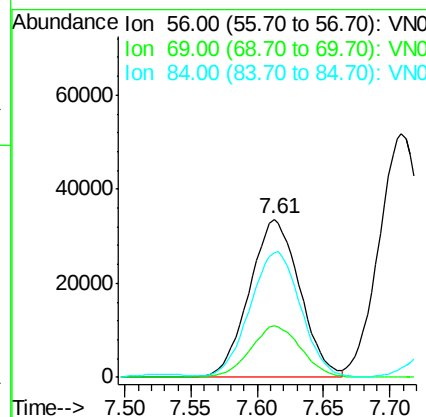
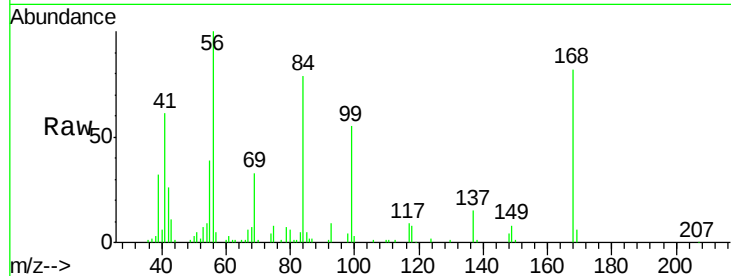
#31
Cyclohexane
Concen: 42.654 ug/l
RT: 7.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Instrument :
MSVOA_N
ClientSampleId :
SS050MW052-200504MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		89436		
69	32.6	25.7	38.5		
84	78.1	64.6	97.0		

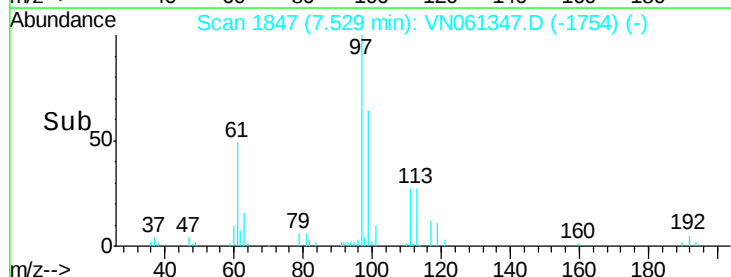
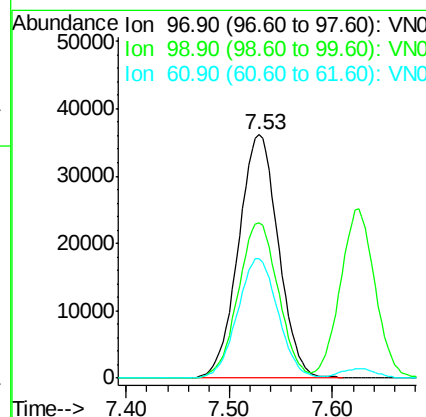
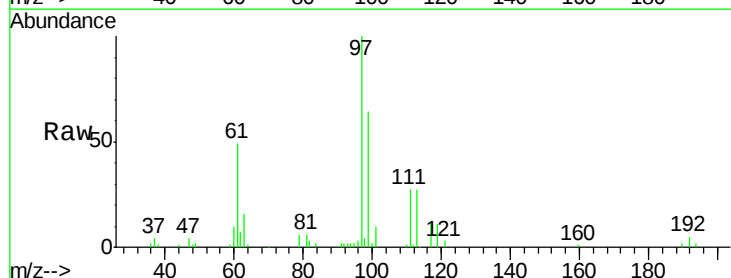
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#32
1,1,1-Trichloroethane
Concen: 51.021 ug/l
RT: 7.53 min Scan# 1847
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		97208		
99	63.9	51.3	76.9		
61	49.8	38.6	57.8		





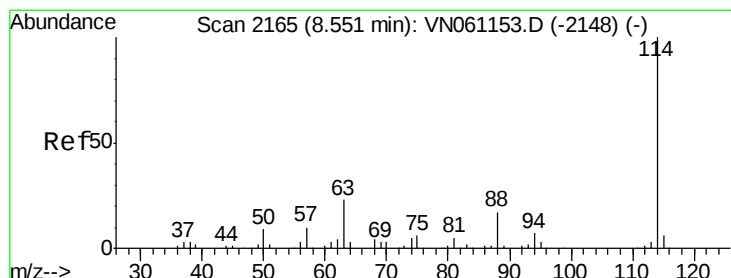
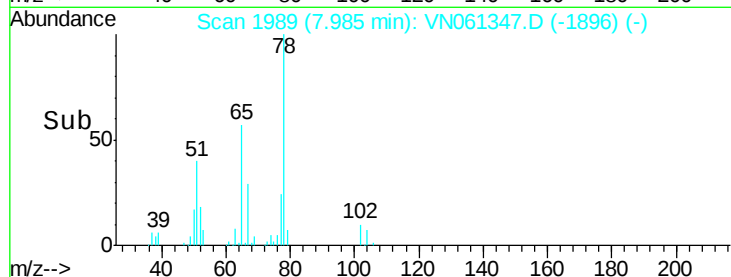
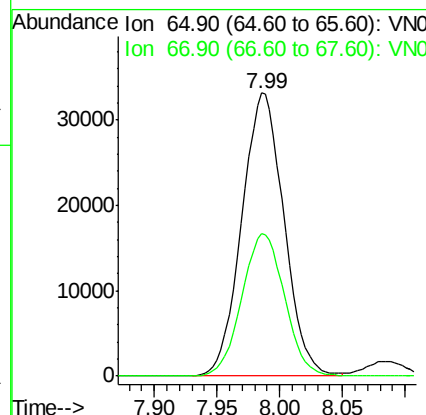
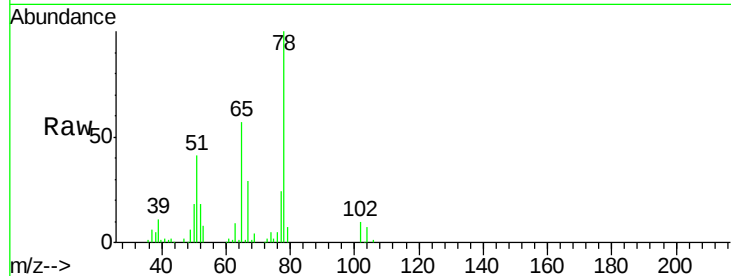
#33
 1,2-Dichloroethane-d4
 Concen: 53.863 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Instrument :
 MSVOA_N
 ClientSampleId :
 SS050MW052-200504MSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	101.6

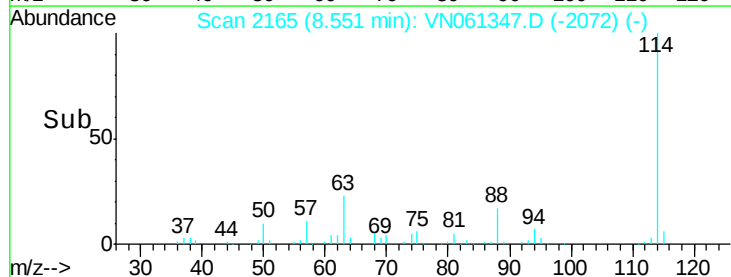
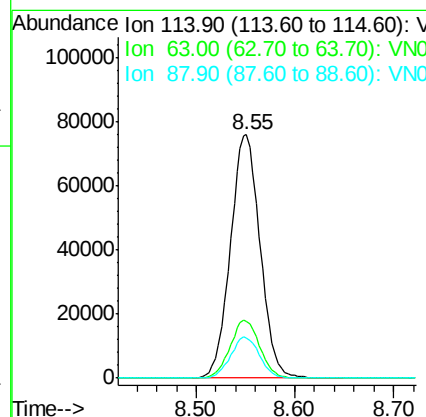
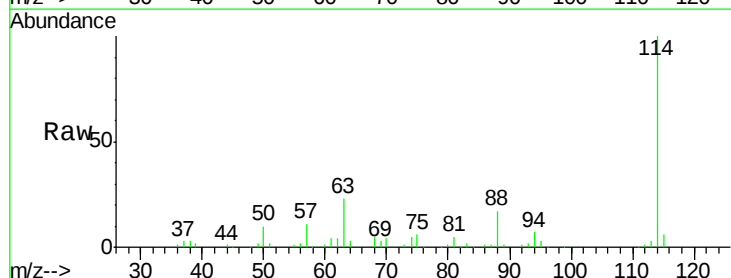
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	46.6
88	16.7	0.0	33.4





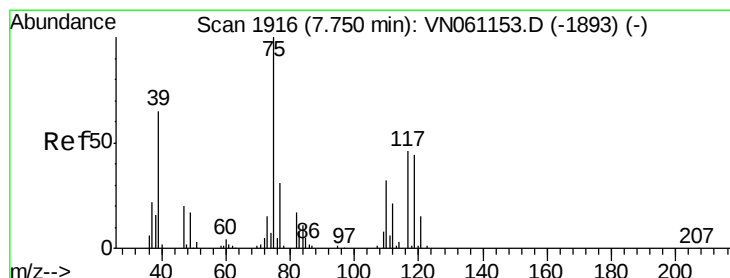
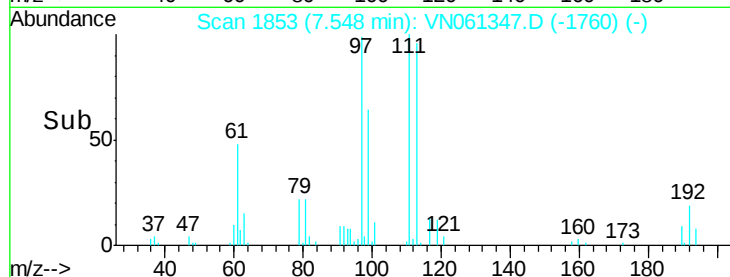
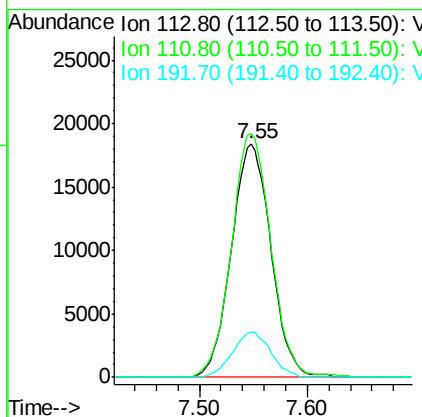
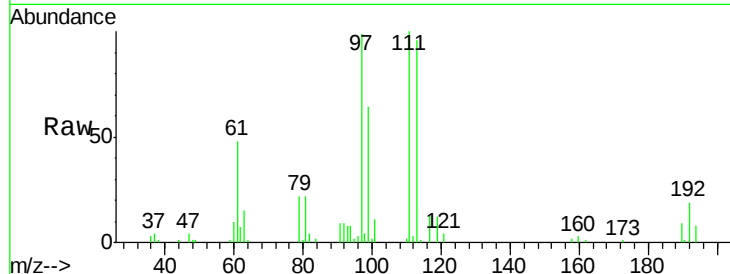
#35
 Dibromofluoromethane
 Concen: 49.789 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Instrument :
 MSVOA_N
 ClientSampleId :
 SS050MW052-200504MSD

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.9	124.3
192	18.7	14.7	22.1

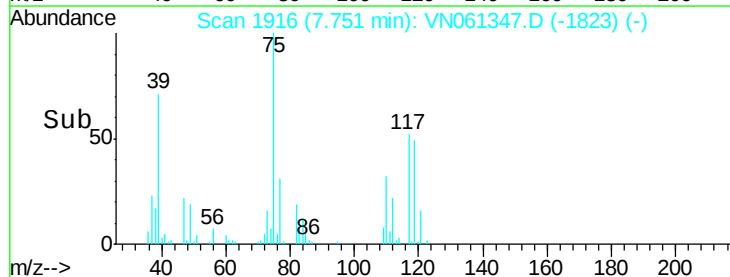
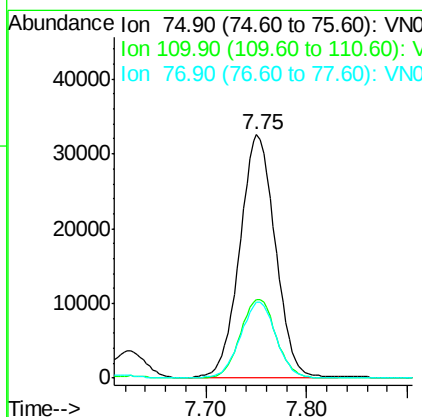
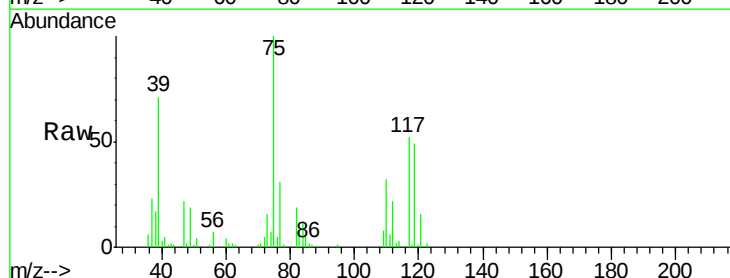
Manual Integrations
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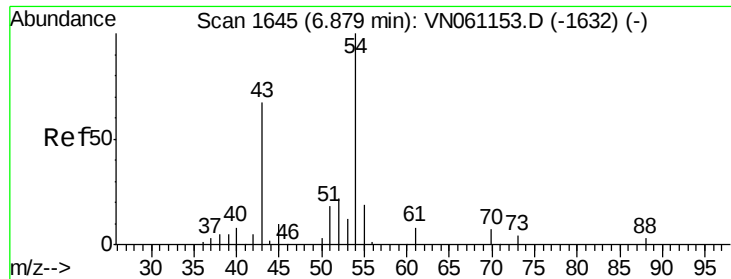
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#36
 1,1-Dichloropropene
 Concen: 49.734 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.2	16.0	48.0
77	31.2	24.6	37.0





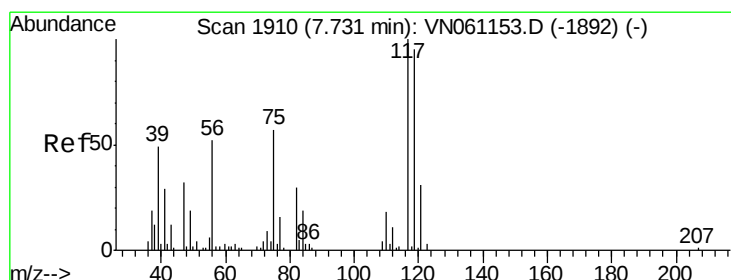
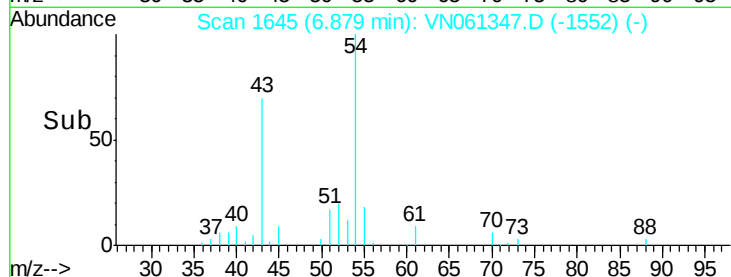
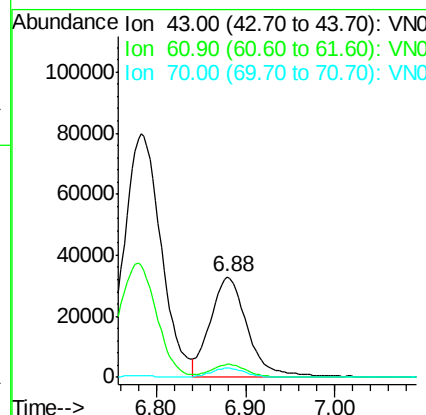
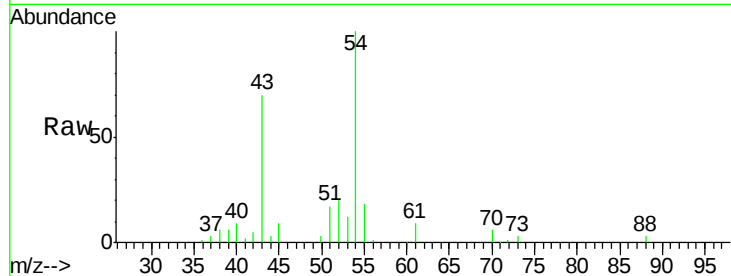
#37
Ethyl Acetate
Concen: 49.781 ug/l
RT: 6.88 min Scan# 1645
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Instrument :
MSVOA_N
ClientSampleId :
SS050MW052-200504MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.5	10.2	15.2
70	8.7	7.2	10.8

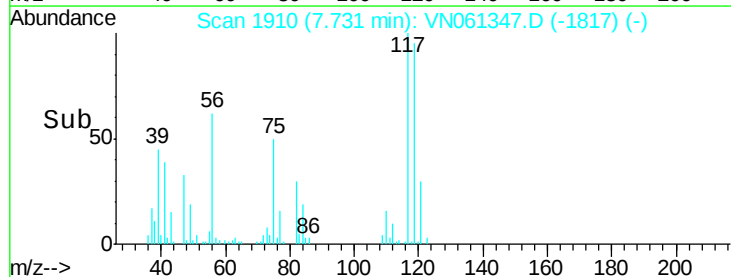
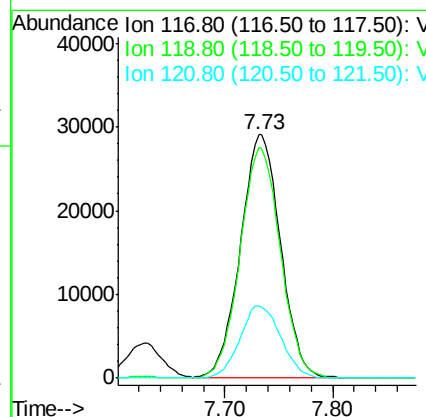
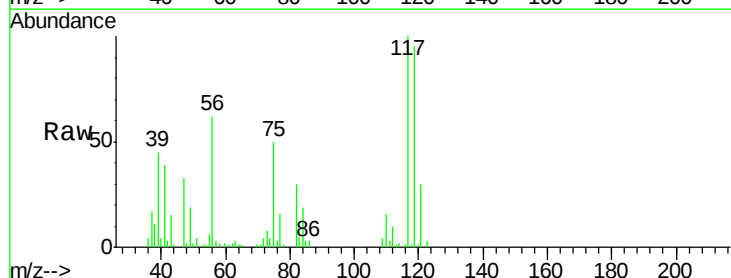
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#38
Carbon Tetrachloride
Concen: 51.502 ug/l
RT: 7.73 min Scan# 1910
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.6
121	29.5	24.7	37.1





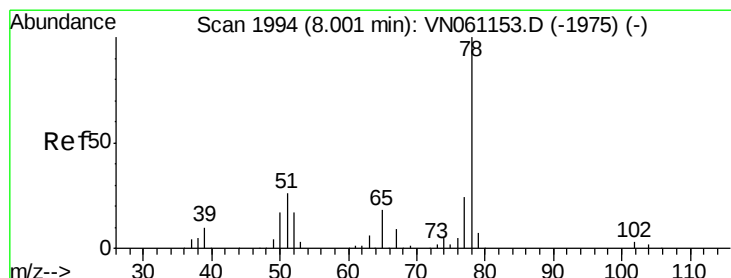
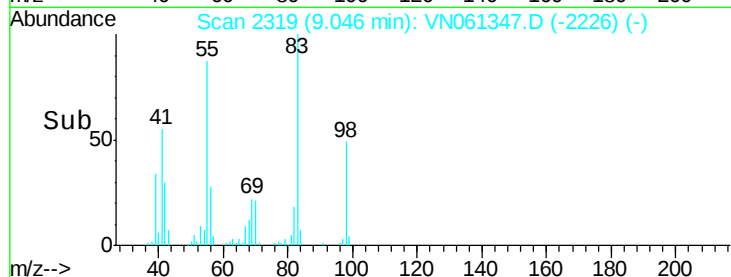
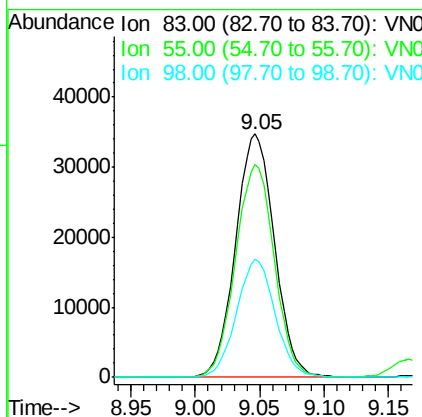
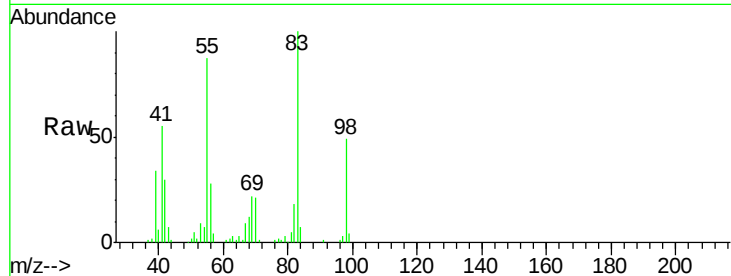
#39
Methvlcvclohexane
Concen: 40.601 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Instrument :
MSVOA_N
ClientSampleId :
SS050MW052-200504MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	87.4	67.3	100.9
98	48.6	37.7	56.5

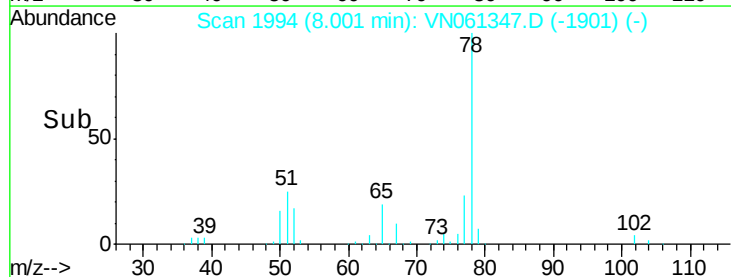
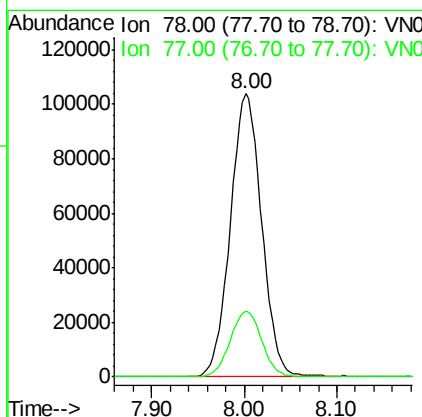
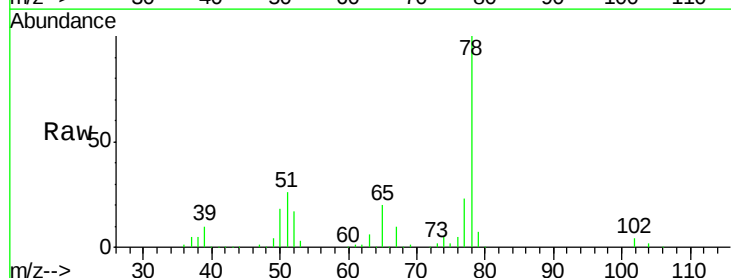
Manual Integrations
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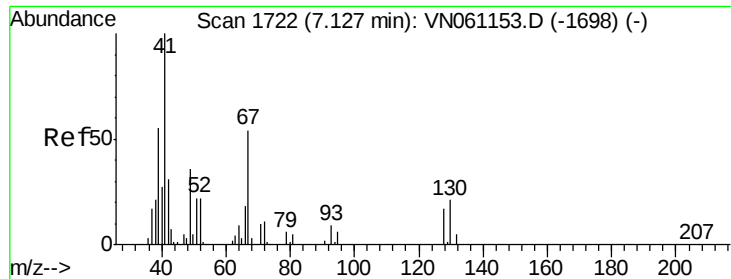
MMDadoda
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#40
Benzene
Concen: 51.066 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.6





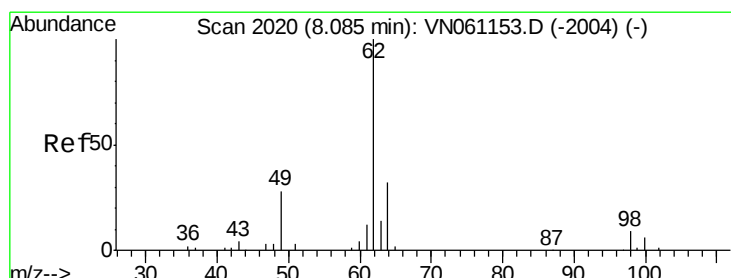
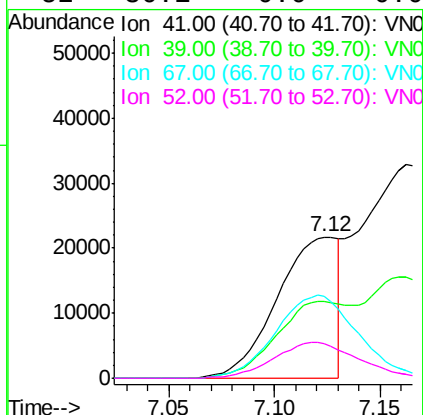
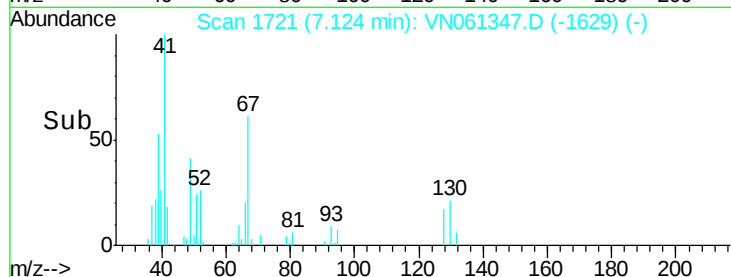
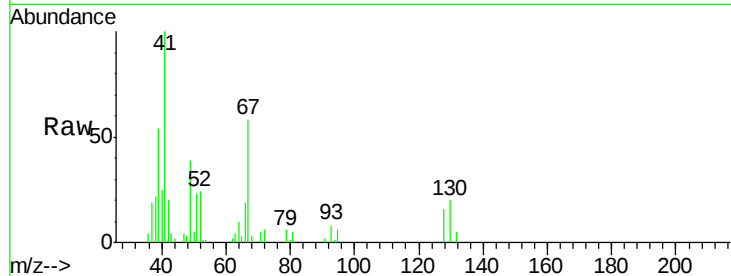
#41
Methacrylonitrile
Concen: 55.839 ug/l
RT: 7.12 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Instrument :
MSVOA_N
ClientSampleId :
SS050MW052-200504MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	64.5	0.0	0.0#		
67	80.2	0.0	0.0#		
52	36.1	0.0	0.0#		

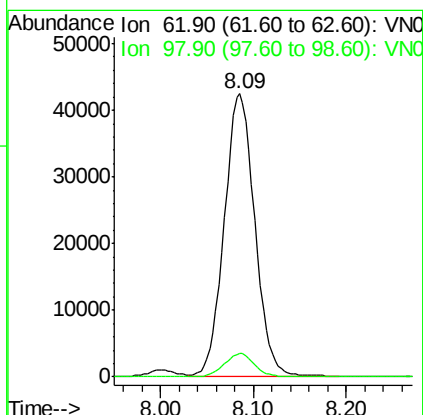
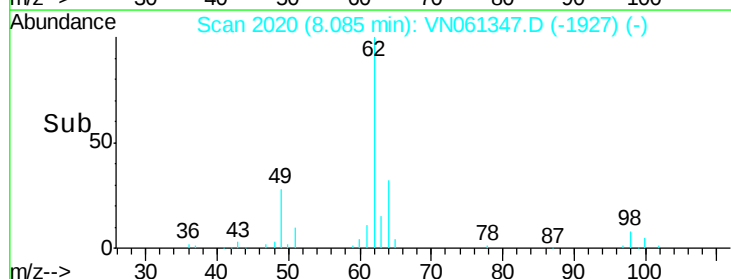
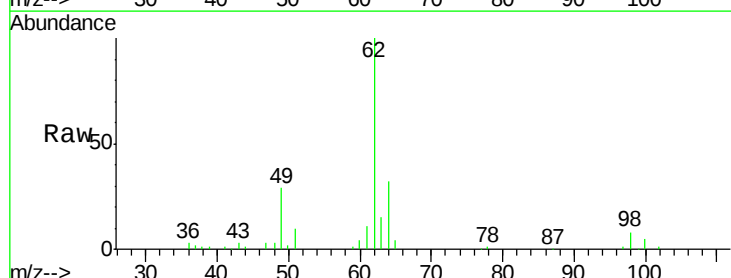
Manual Integrations
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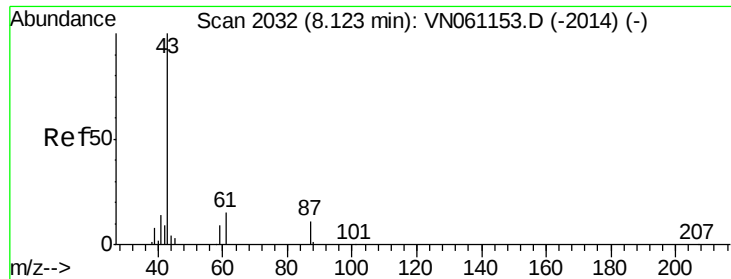
MMDadoda
5/8/2020 1:18:20 PM



#42
1,2-Dichloroethane
Concen: 53.967 ug/l
RT: 8.09 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	8.0	0.0	16.8		





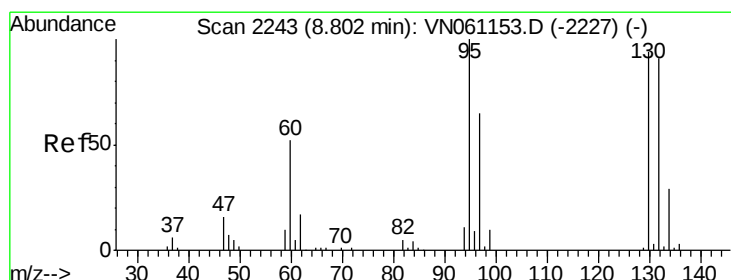
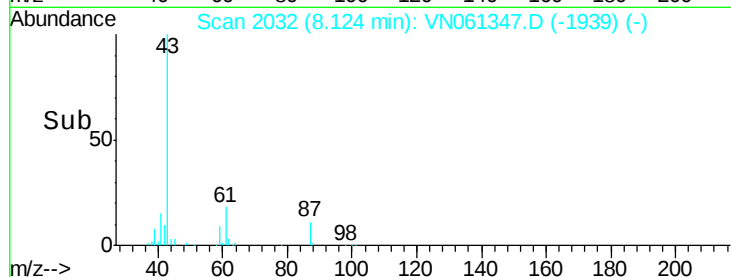
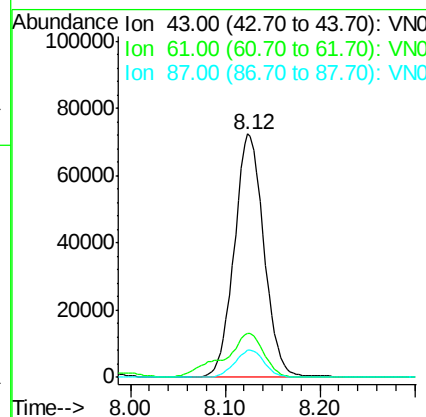
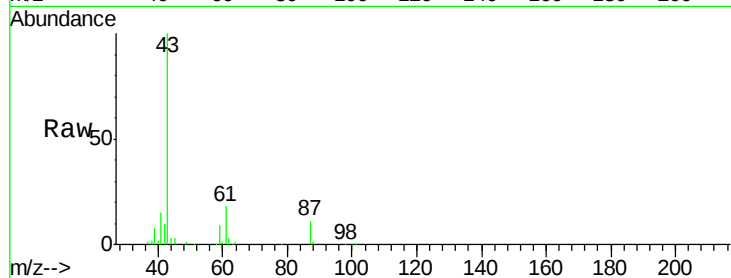
#43
Isopropyl Acetate
Concen: 50.720 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Instrument :
MSVOA_N
ClientSampleId :
SS050MW052-200504MSD

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	24.4	19.5	29.3	
87	11.2	8.9	13.3	

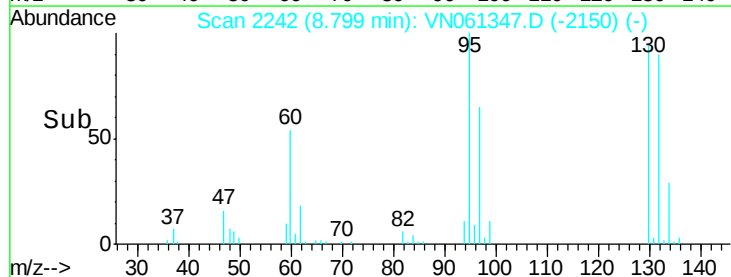
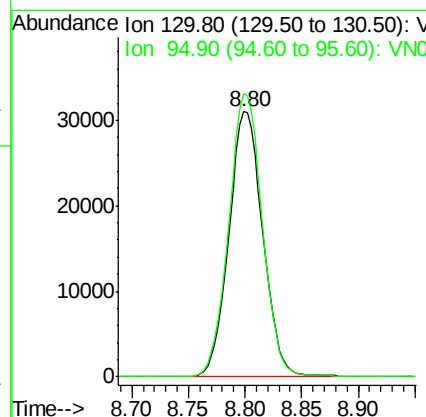
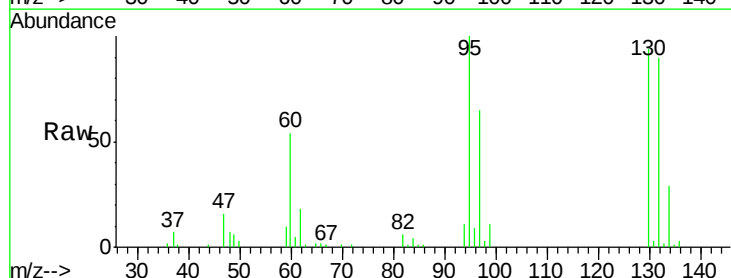
Manual Integrations
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5/8/2020 1:18:20 PM



#44
Trichloroethene
Concen: 50.079 ug/l
RT: 8.80 min Scan# 2242
Delta R.T. -0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
130	100			
95	106.7	0.0	212.4	





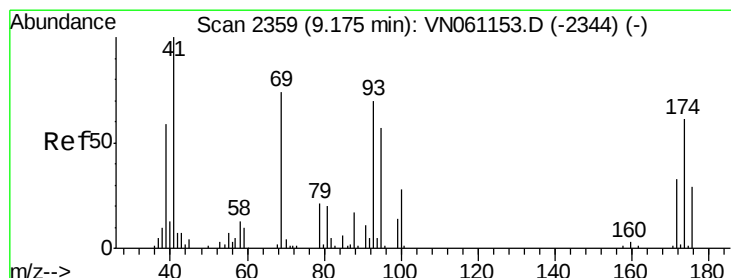
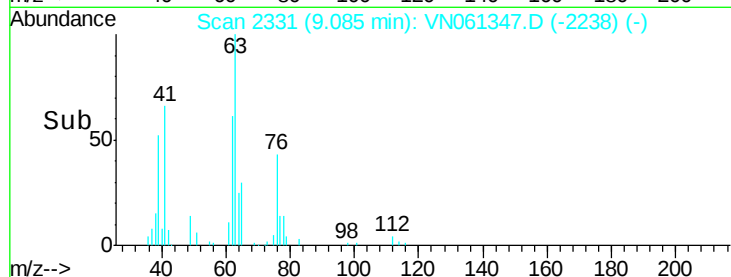
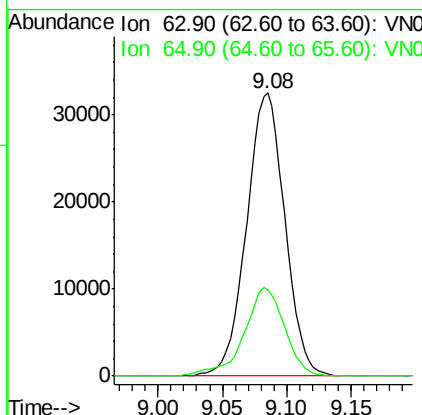
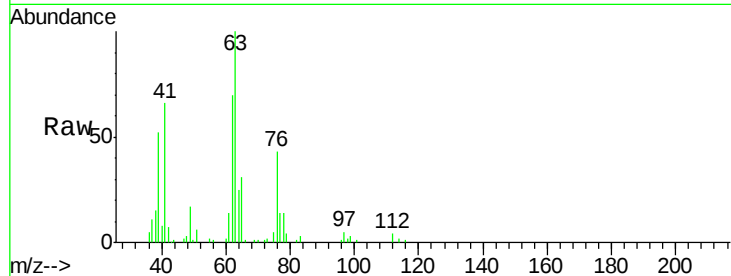
#45
 1,2-Dichloropropane
 Concen: 52.941 ug/l
 RT: 9.08 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Instrument :
 MSVOA_N
 ClientSampleId :
 SS050MW052-200504MSD

Tot Ion: 63 Resp: 67439
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.7 37.1

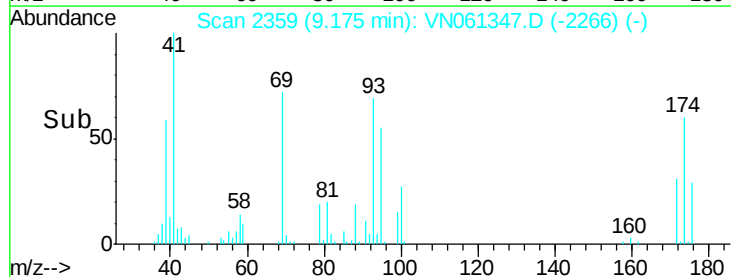
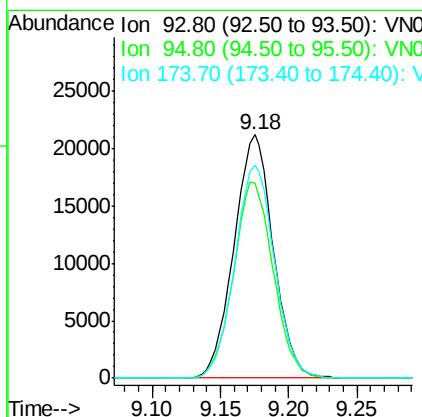
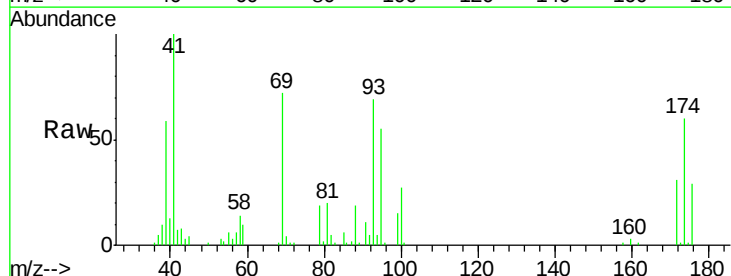
Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 1:18:20 PM



#46
 Dibromomethane
 Concen: 53.671 ug/l
 RT: 9.18 min Scan# 2359
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Tgt Ion: 93 Resp: 42332
 Ion Ratio Lower Upper
 93 100
 95 81.3 66.6 99.8
 174 88.4 70.2 105.2





#47

Bromodichloromethane

Concen: 54.126 ug/l

RT: 9.37 min Scan# 2419

Delta R.T. -0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :

MSVOA_N

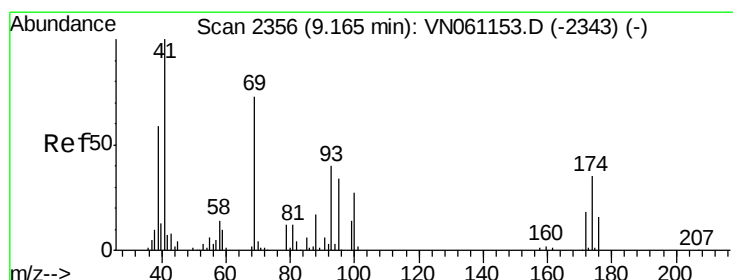
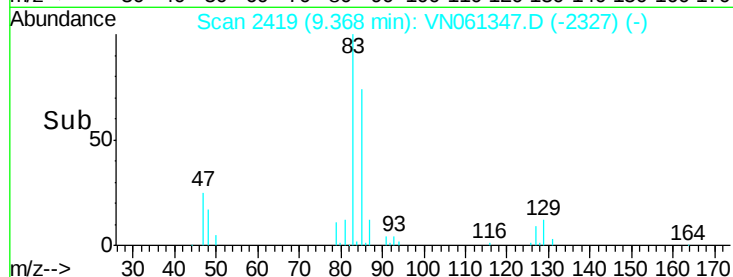
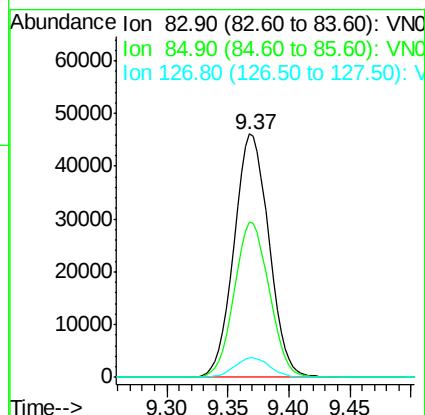
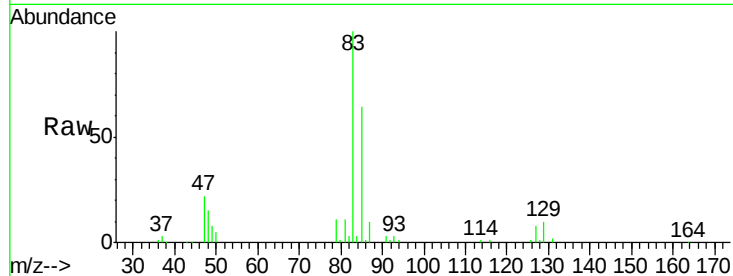
ClientSampleId :

SS050MW052-200504MSD

Tot Ion:	83	Resp:	91631
Ion Ratio	Lower	Upper	
83	100		
85	63.6	50.4	75.6
127	8.1	6.2	9.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 56.003 ug/l

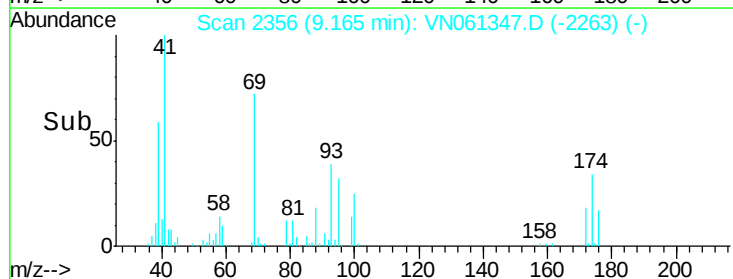
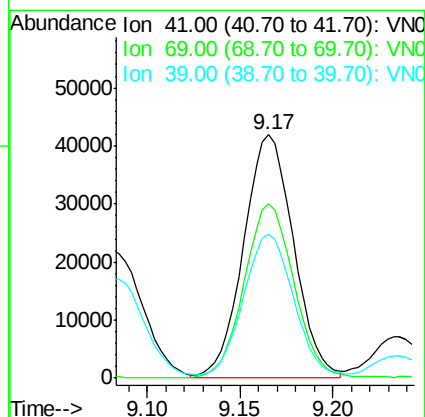
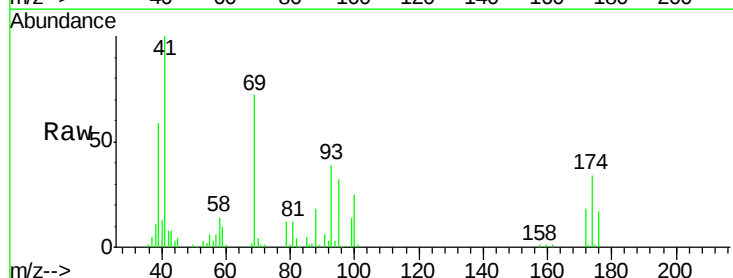
RT: 9.17 min Scan# 2356

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Tgt Ion:	41	Resp:	78692
Ion Ratio	Lower	Upper	
41	100		
69	71.3	60.3	90.5
39	60.1	47.4	71.0





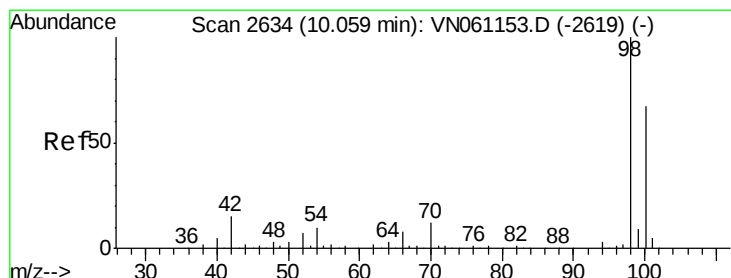
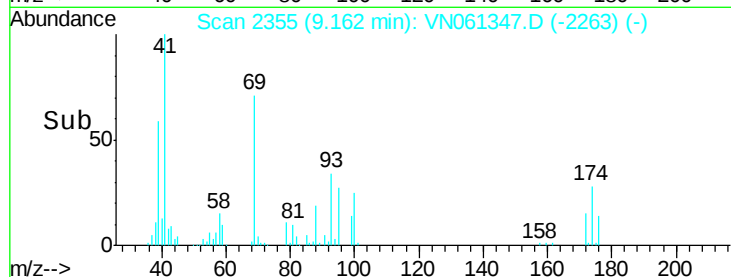
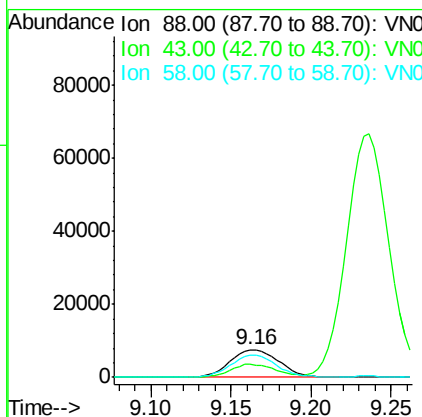
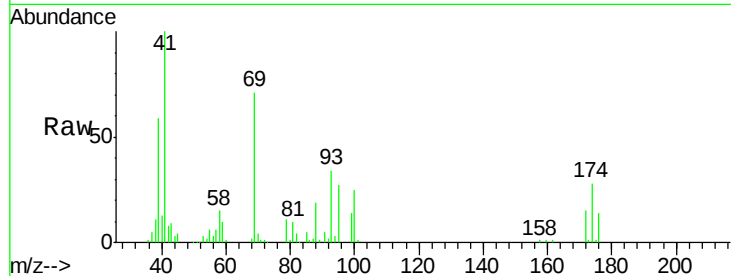
#49
1,4-Dioxane
Concen: 996.609 ug/l
RT: 9.16 min Scan# 2355
Delta R.T. -0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Instrument :
MSVOA_N
ClientSampleId :
SS050MW052-200504MSD

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	44.8	35.3	52.9	
58	76.4	61.5	92.3	

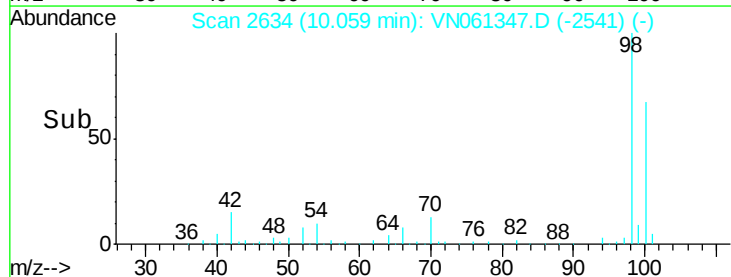
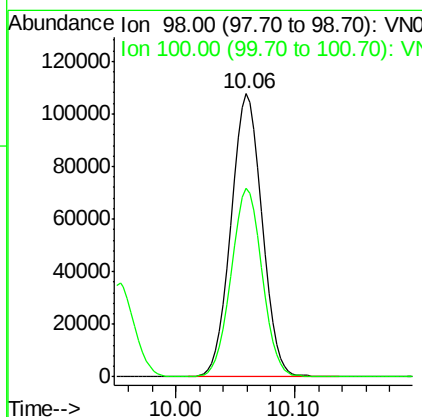
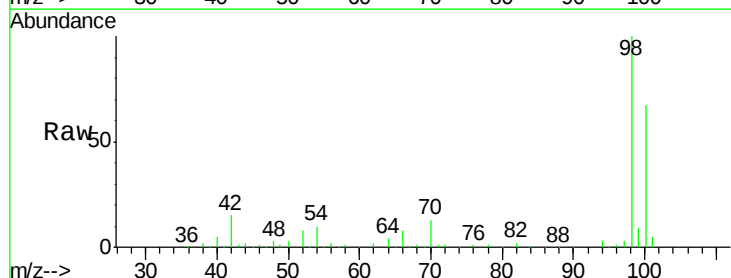
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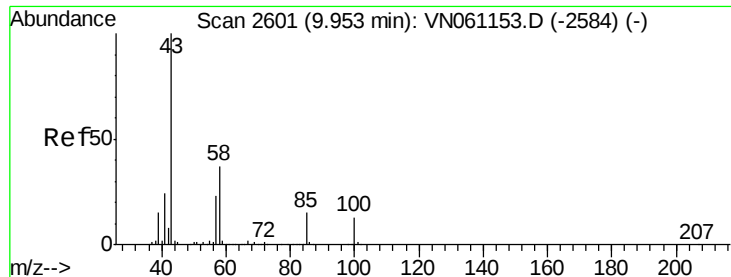
MMDadoda
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#50
Toluene-d8
Concen: 50.683 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	66.6	53.4	80.0	





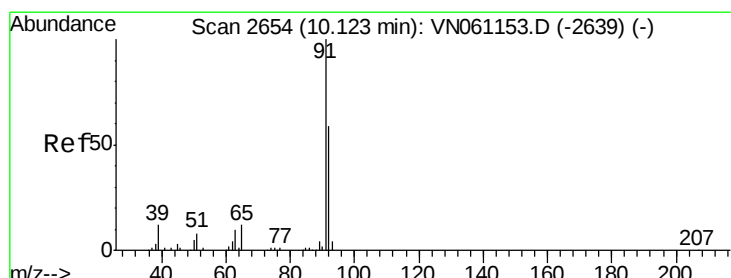
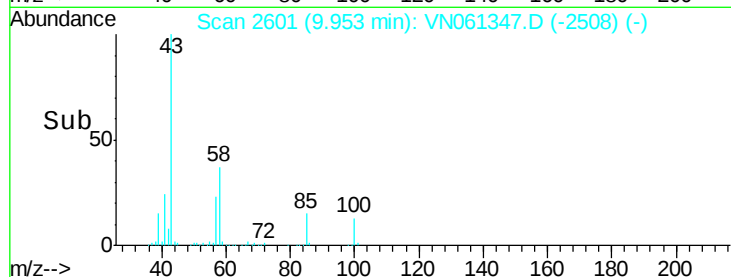
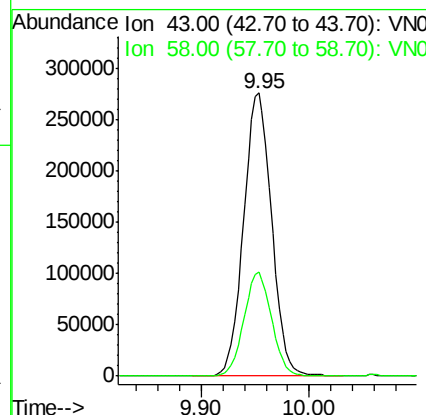
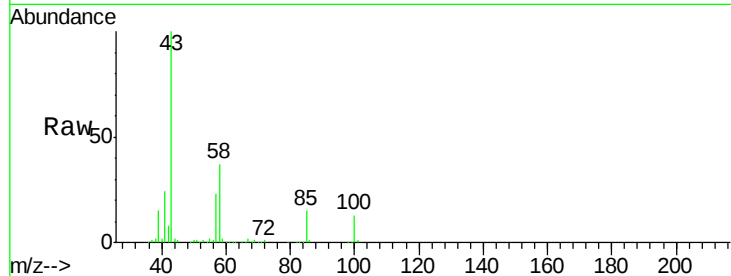
#51
 4-Methyl-2-Pentanone
 Concen: 272.053 ug/l
 RT: 9.95 min Scan# 2601
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Instrument :
 MSVOA_N
 ClientSampleId :
 SS050MW052-200504MSD

Tot Ion	43	Resp	498639
Ion Ratio	100	Lower	Upper
58	36.3	29.1	43.7

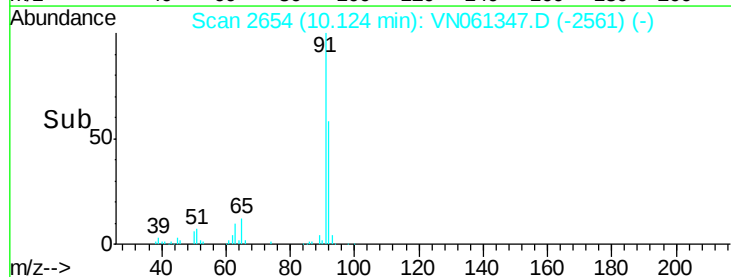
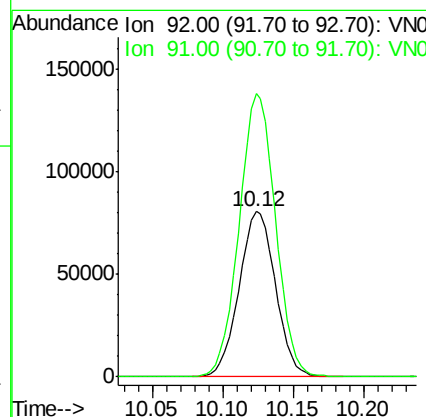
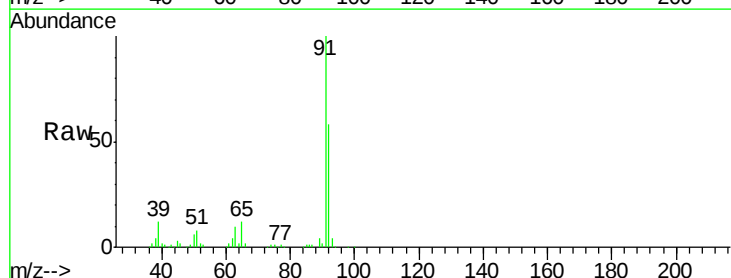
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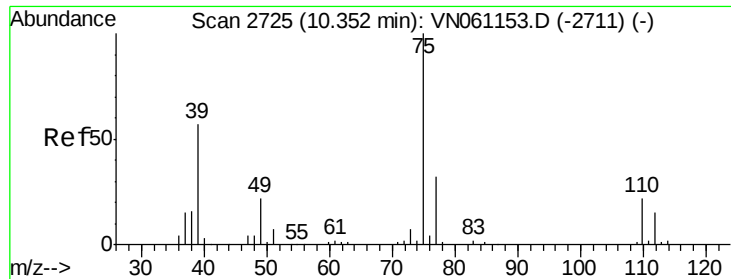
MMDadoda
 5/8/2020 1:18:20 PM



#52
 Toluene
 Concen: 50.685 ug/l
 RT: 10.12 min Scan# 2654
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Tgt Ion	92	Resp	145566
Ion Ratio	100	Lower	Upper
91	171.5	136.2	204.2





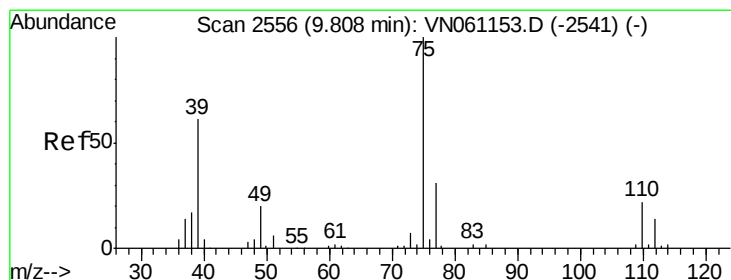
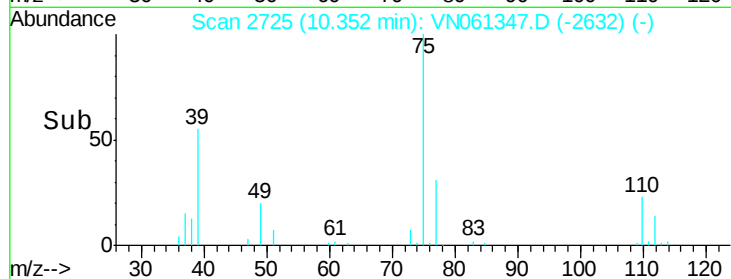
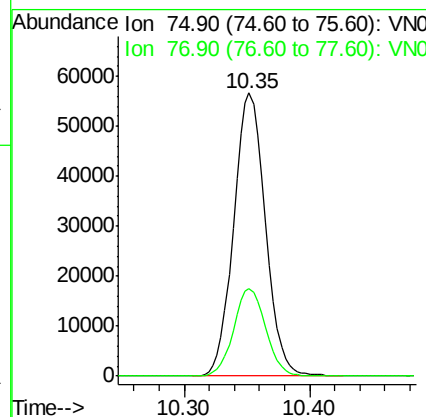
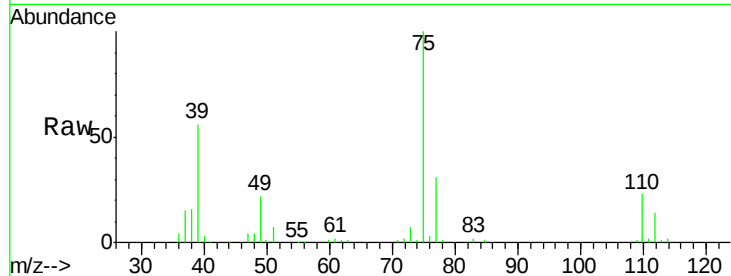
#53
t-1,3-Dichloropropene
Concen: 52.112 ug/l
RT: 10.35 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Instrument :
MSVOA_N
ClientSampleId :
SS050MW052-200504MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.5	38.3

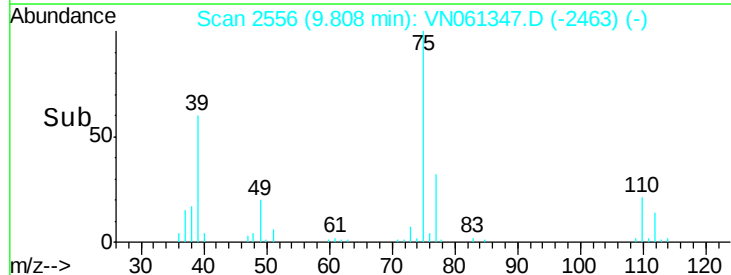
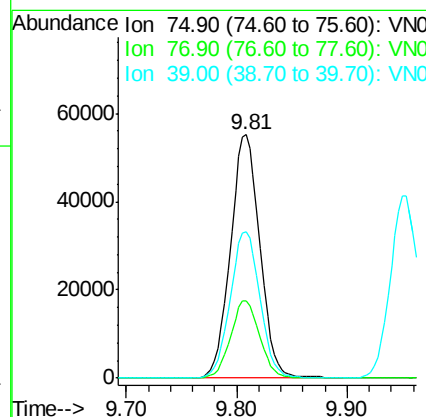
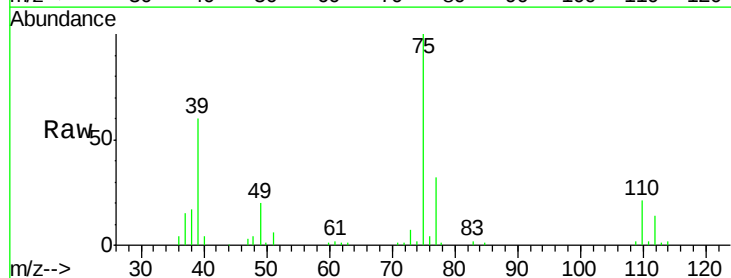
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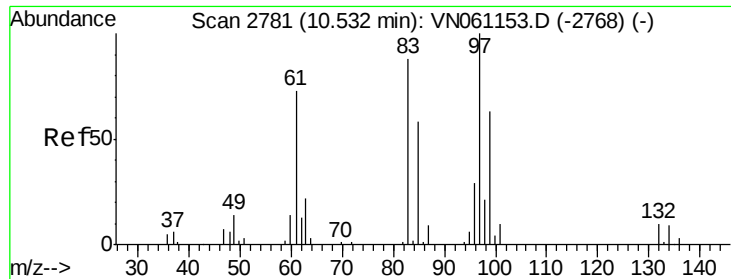
MMDadoda
5/8/2020 1:18:20 PM



#54
cis-1,3-Dichloropropene
Concen: 50.596 ug/l
RT: 9.81 min Scan# 2556
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.0	37.4
39	60.1	48.7	73.1





#55

1,1,2-Trichloroethane

Concen: 52.357 ug/l

RT: 10.53 min Scan# 2781

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :

MSVOA_N

ClientSampleId :

SS050MW052-200504MSD

Tot Ion: 97 Resp: 59978

Ion Ratio Lower Upper

97 100

83 90.7 70.6 106.0

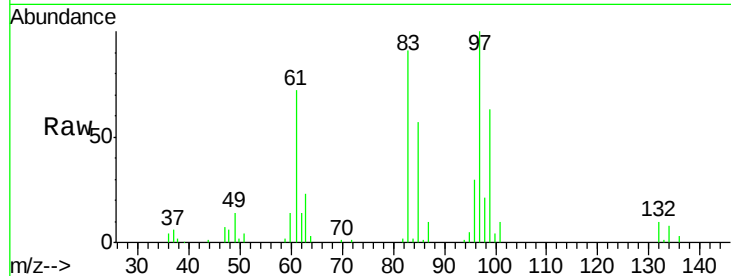
85 57.5 46.4 69.6

99 62.7 50.6 75.8

Manual Integrations
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5/8/2020 1:18:20 PM

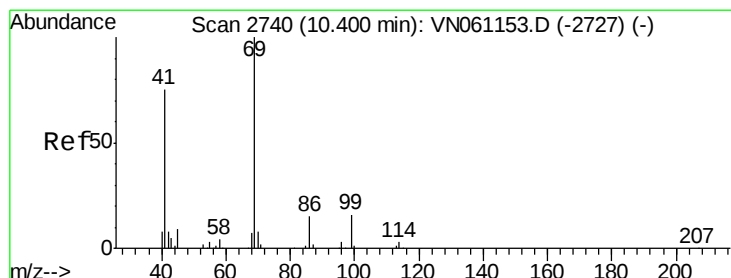
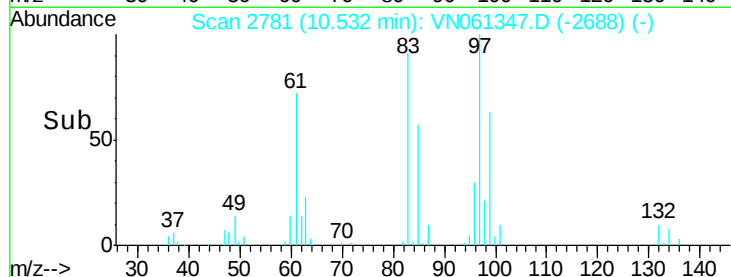
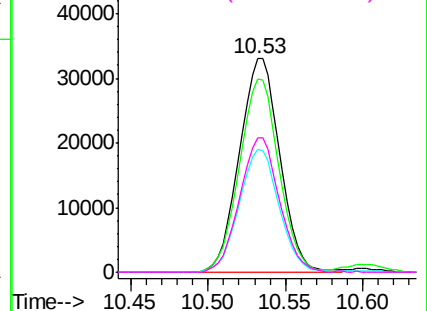


Abundance Ion 96.90 (96.60 to 97.60): VN061347.D (-2688) (-)

Ion 82.90 (82.60 to 83.60): VN061347.D (-2688) (-)

Ion 84.90 (84.60 to 85.60): VN061347.D (-2688) (-)

Ion 98.90 (98.60 to 99.60): VN061347.D (-2688) (-)



#56

Ethyl methacrylate

Concen: 48.259 ug/l

RT: 10.40 min Scan# 2740

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

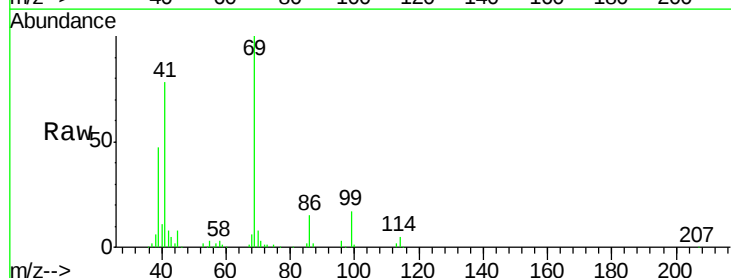
Tgt Ion: 69 Resp: 96135

Ion Ratio Lower Upper

69 100

41 77.6 60.3 90.5

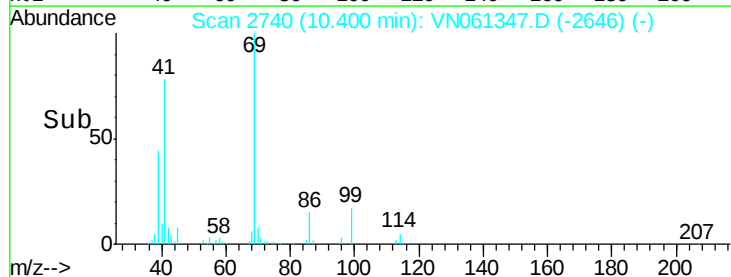
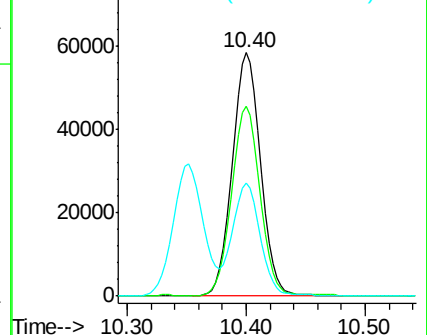
39 45.5 35.9 53.9

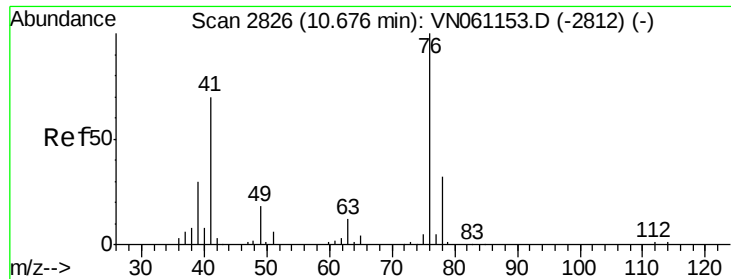


Abundance Ion 69.00 (68.70 to 69.70): VN061347.D (-2646) (-)

Ion 41.00 (40.70 to 41.70): VN061347.D (-2646) (-)

Ion 39.00 (38.70 to 39.70): VN061347.D (-2646) (-)





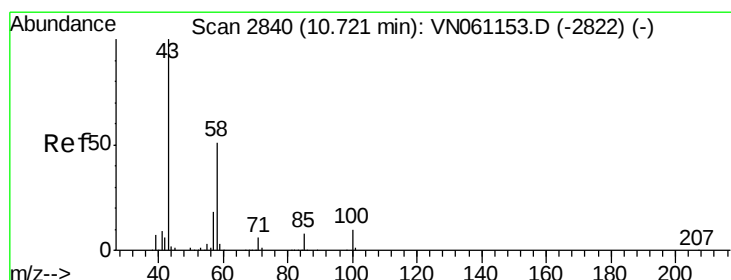
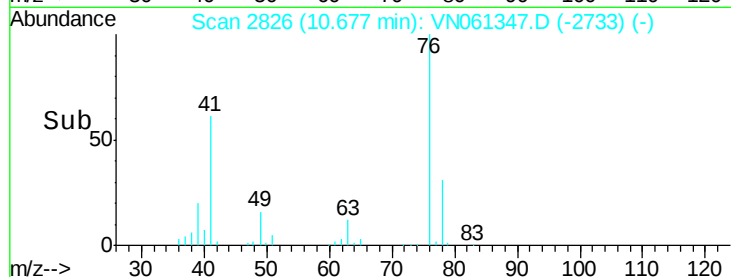
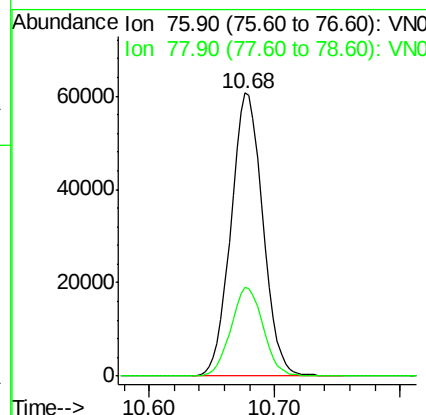
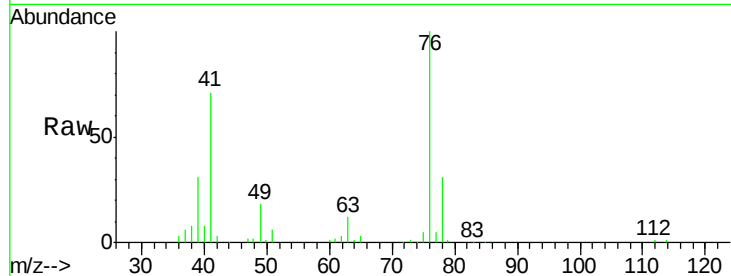
#57
 1,3-Dichloropropane
 Concen: 53.442 ug/l
 RT: 10.68 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Instrument :
 MSVOA_N
 ClientSampleId :
 SS050MW052-200504MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.6	25.5	38.3

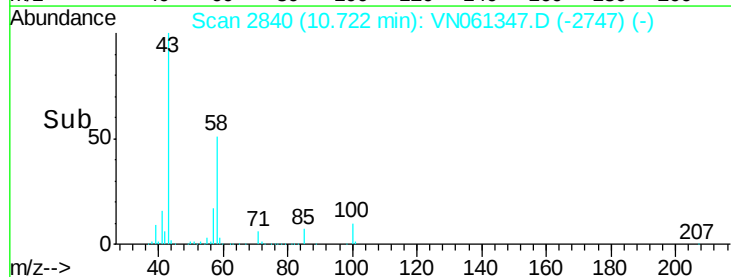
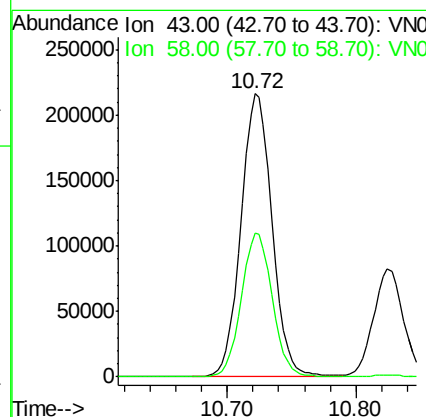
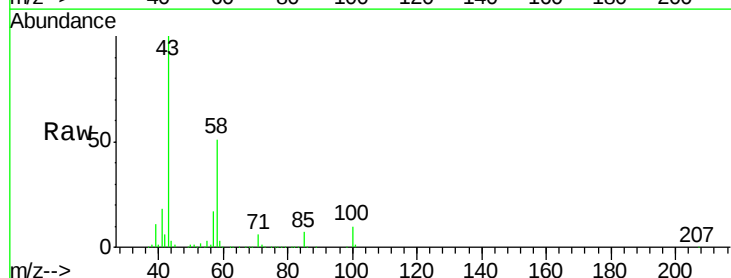
Manual Integrations
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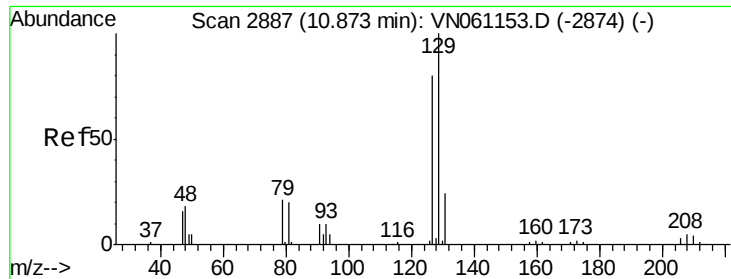
MMDadoda
 5/8/2020 1:18:20 PM



#59
 2-Hexanone
 Concen: 271.710 ug/l
 RT: 10.72 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
43	100		
58	50.6	25.4	76.4





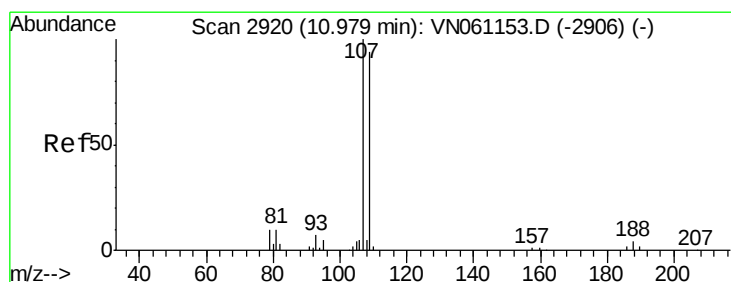
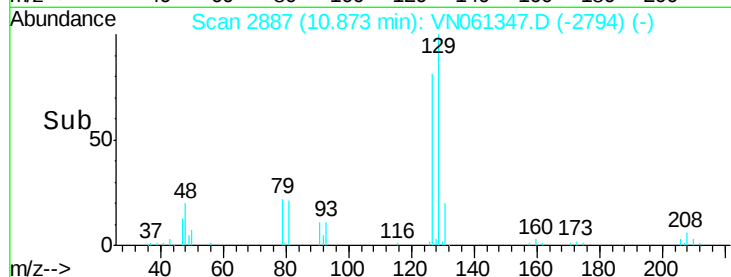
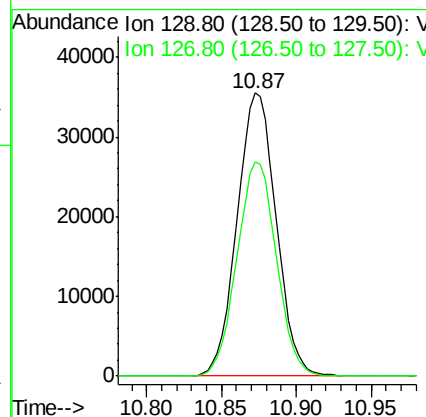
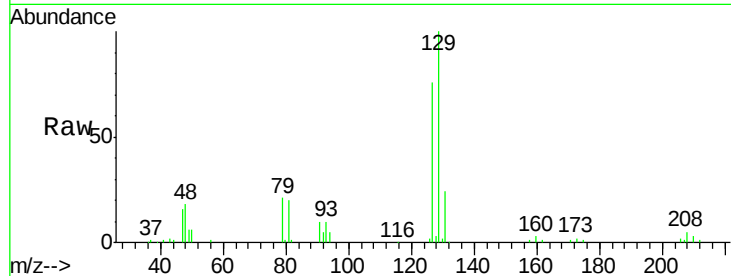
#60
 Dibromochloromethane
 Concen: 53.854 ug/l
 RT: 10.87 min Scan# 2887
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Instrument :
 MSVOA_N
 ClientSampleId :
 SS050MW052-200504MSD

Tot Ion:129 Resp: 64614
 Ion Ratio Lower Upper
 129 100
 127 76.3 39.3 117.8

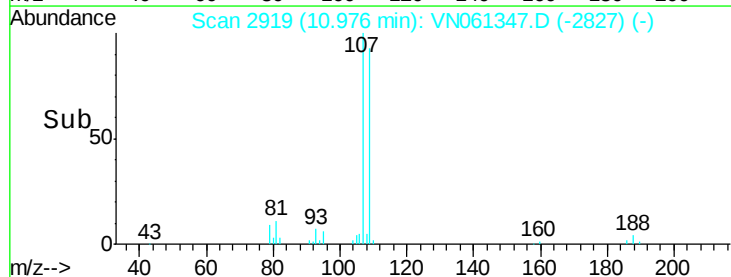
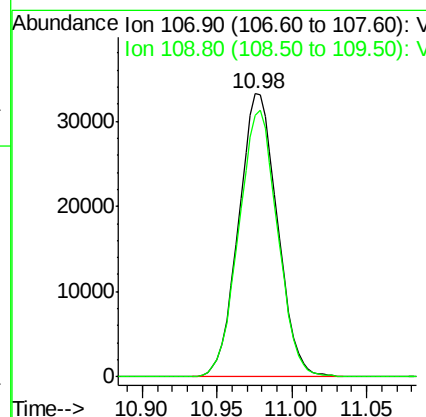
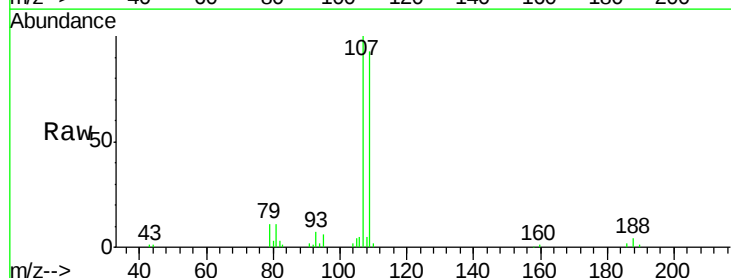
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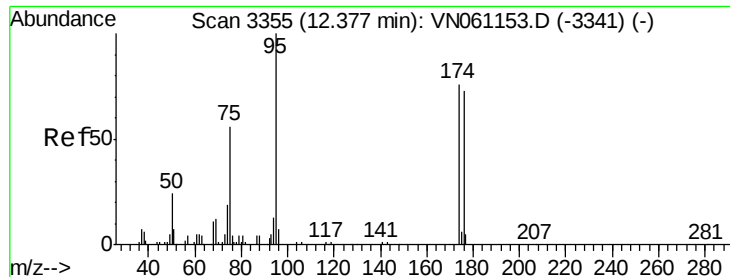
MMDadoda
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#61
 1,2-Dibromoethane
 Concen: 52.139 ug/l
 RT: 10.98 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Tgt Ion:107 Resp: 59865
 Ion Ratio Lower Upper
 107 100
 109 94.1 74.8 112.2





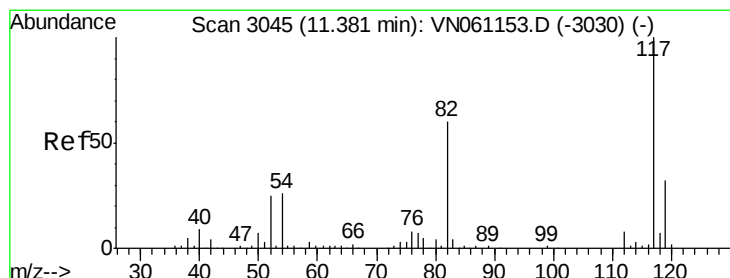
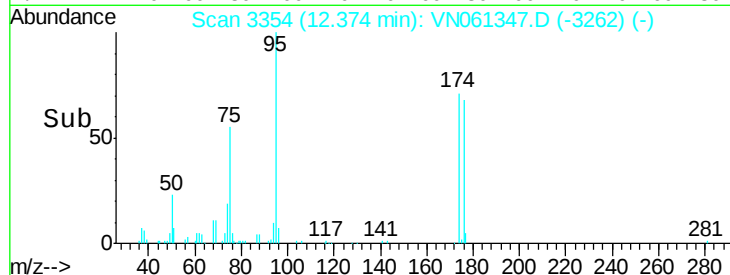
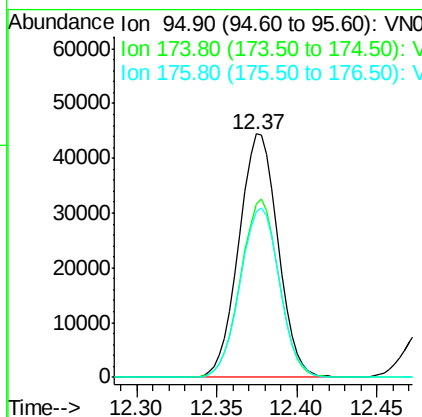
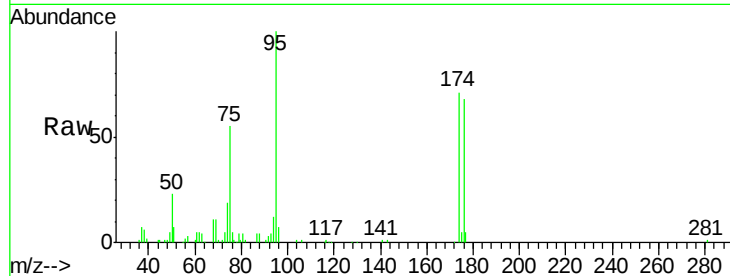
#62
4-Bromofluorobenzene
Concen: 51.253 ug/l
RT: 12.37 min Scan# 3354
Delta R.T. -0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Instrument :
MSVOA_N
ClientSampleId :
SS050MW052-200504MSD

Tot Ion	Ratio	Lower	Upper
95	100		
174	71.6	0.0	149.4
176	70.0	0.0	144.8

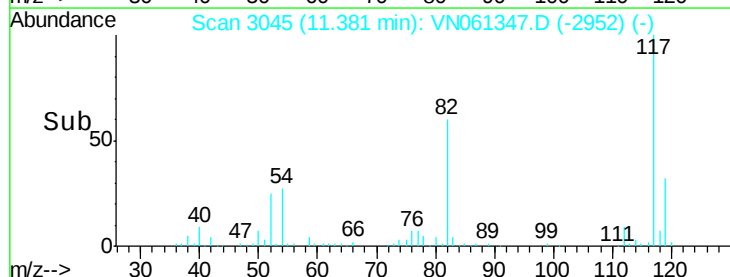
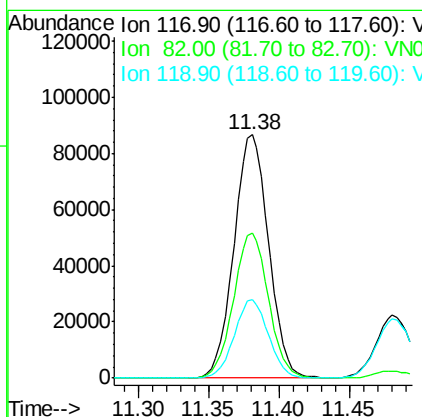
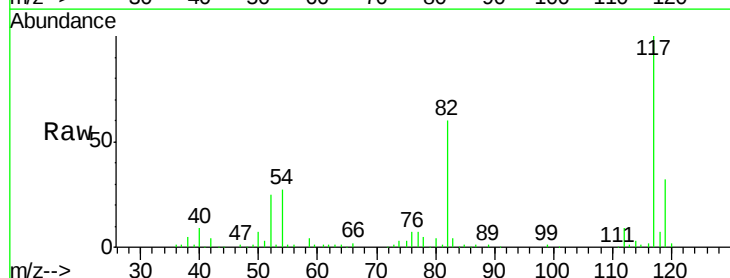
Manual Integrations
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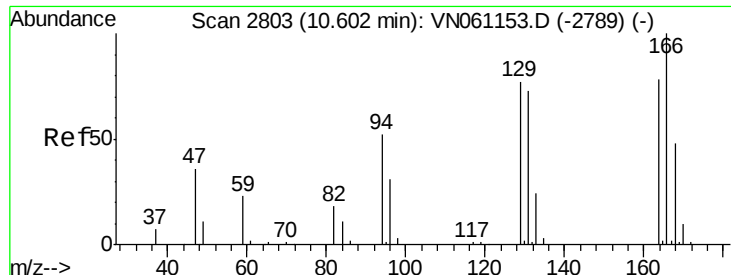
MMDadoda
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.6	47.8	71.8
119	32.3	25.8	38.6





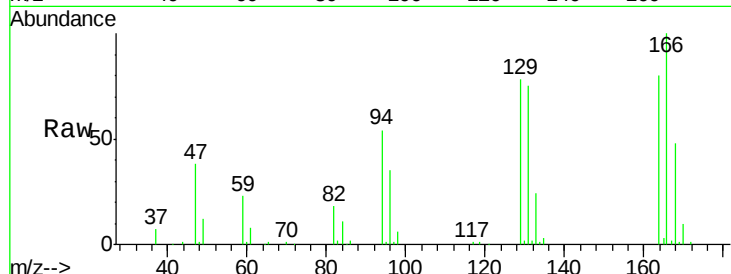
#64
Tetrachloroethene
Concen: 65.084 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Instrument :
MSVOA_N
ClientSampleId :
SS050MW052-200504MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	125.5	102.0	153.0
129	98.3	78.2	117.2
131	94.1	74.5	111.7

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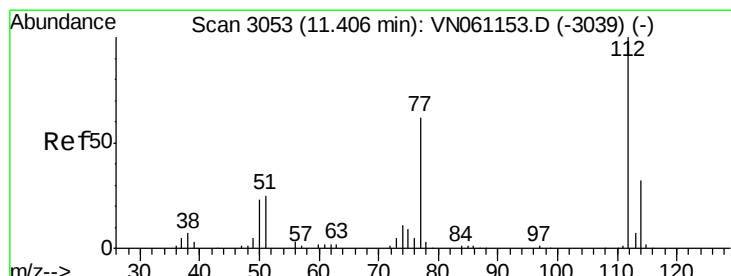
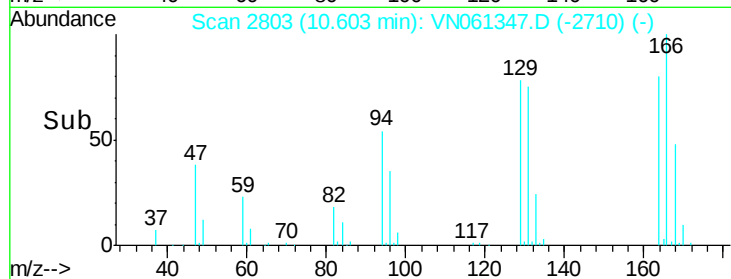
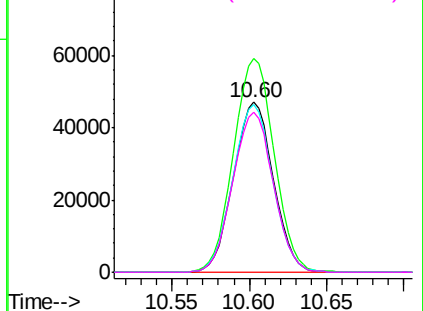


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

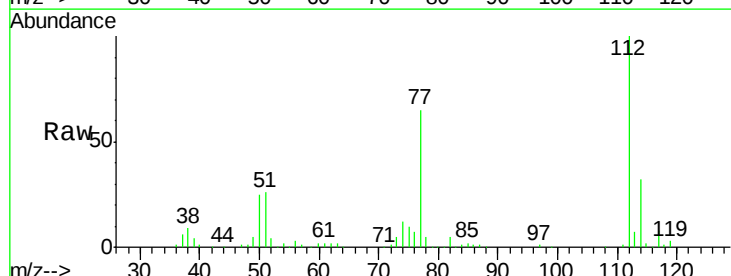
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



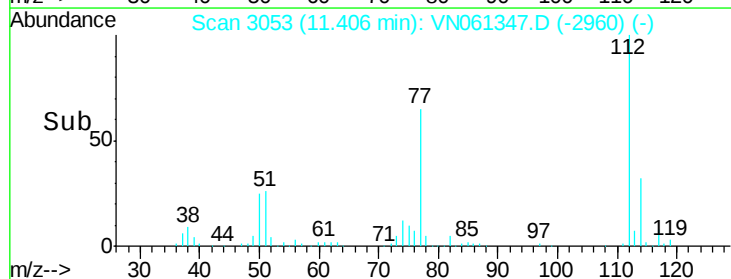
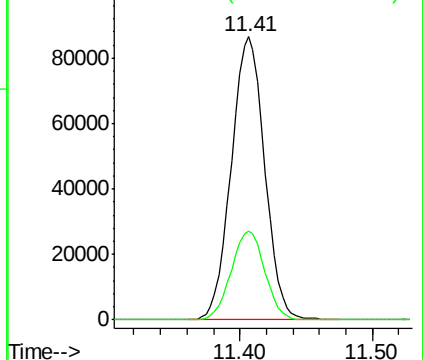
#65
Chlorobenzene
Concen: 50.883 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

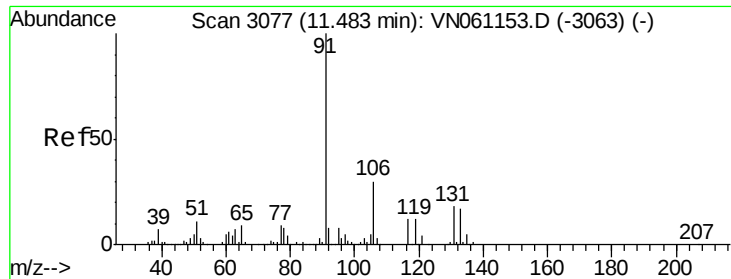
Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.4	38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 54.472 ug/l

RT: 11.48 min Scan# 3076

Delta R.T. -0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :

MSVOA_N

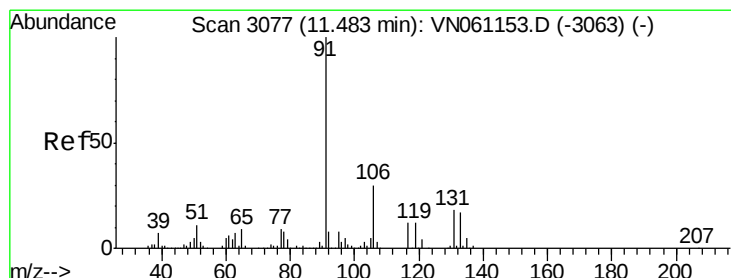
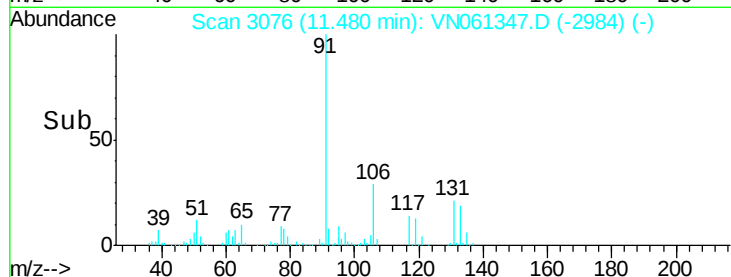
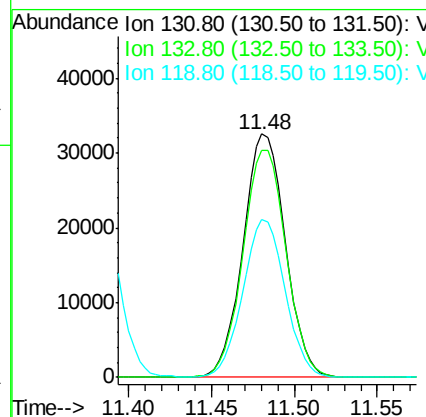
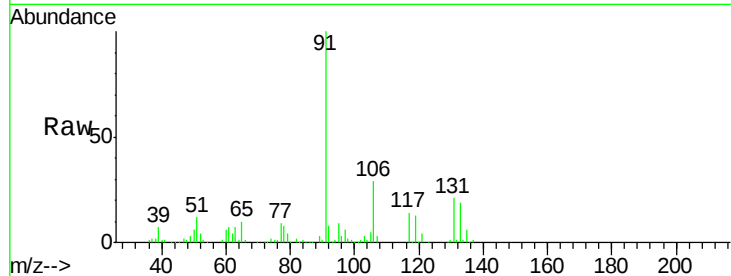
ClientSampleId :

SS050MW052-200504MSD

Tot Ion	Ratio	Resp	Lower	Upper
131	100	57785		
133	95.1	48.0	144.2	
119	64.6	32.6	97.8	

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#67

Ethyl Benzene

Concen: 50.582 ug/l

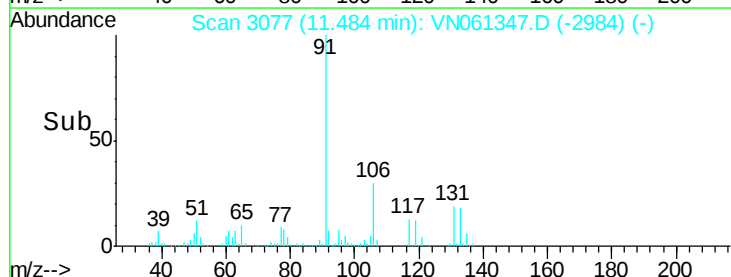
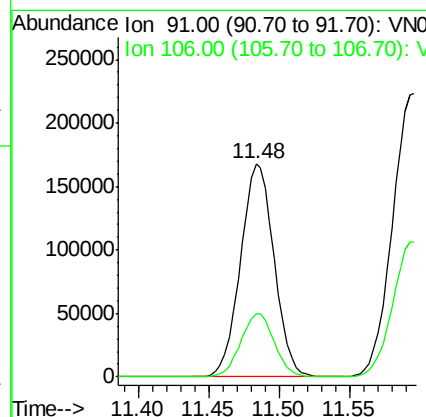
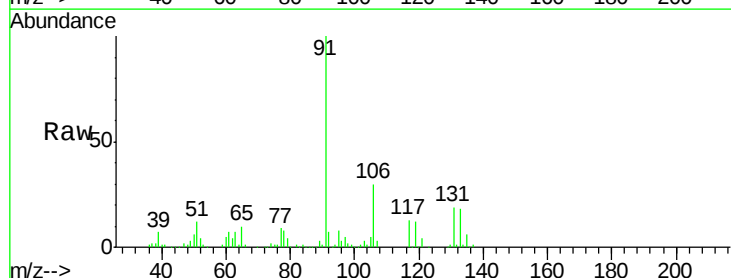
RT: 11.48 min Scan# 3077

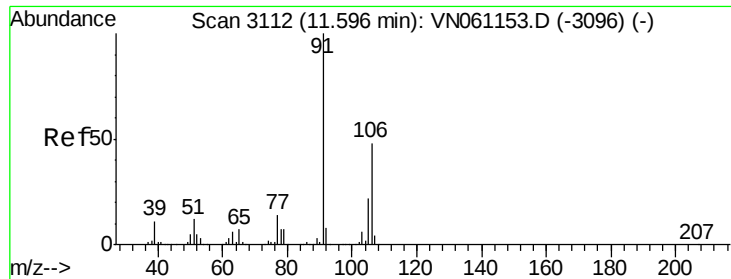
Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	280651		
106	29.7	23.8	35.6	





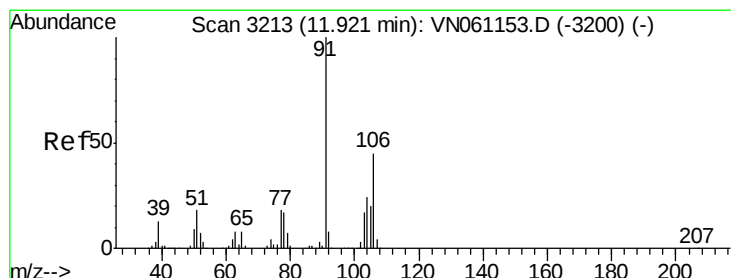
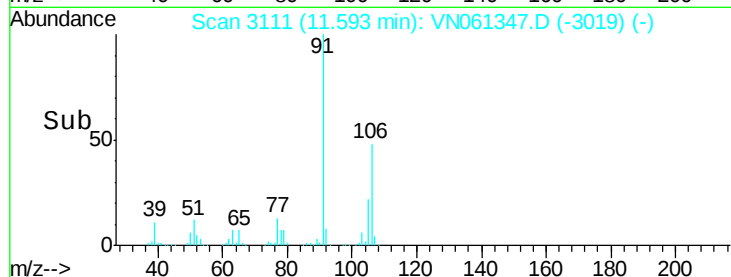
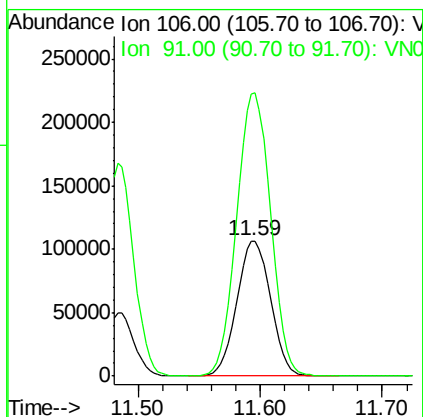
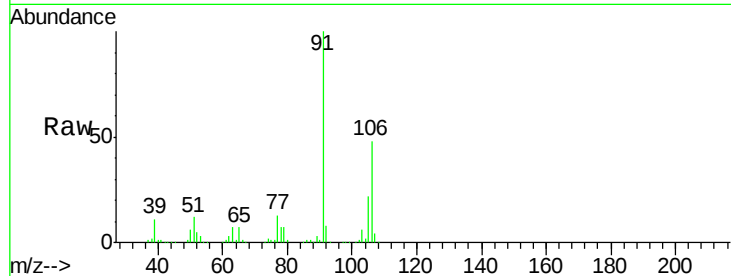
#68
m/p-Xylenes
Concen: 100.456 ug/l
RT: 11.59 min Scan# 3111
Delta R.T. -0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Instrument :
MSVOA_N
ClientSampleId :
SS050MW052-200504MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		204015		
91	210.9	166.4	249.6		

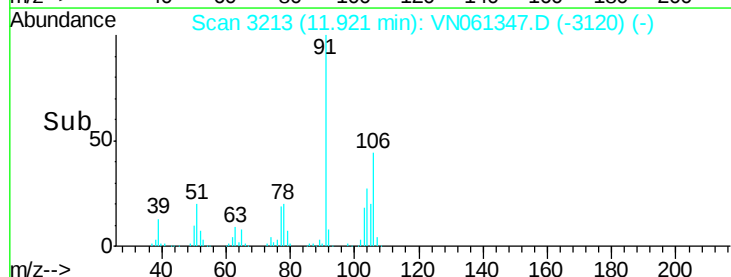
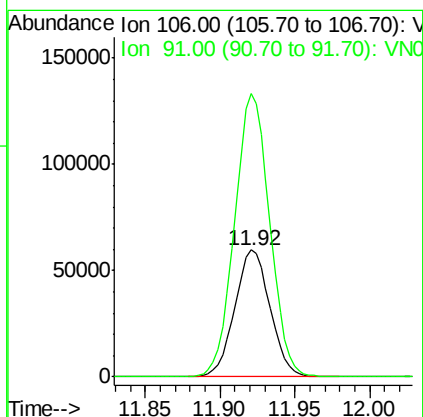
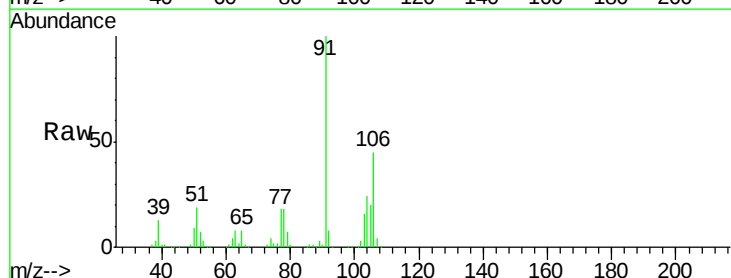
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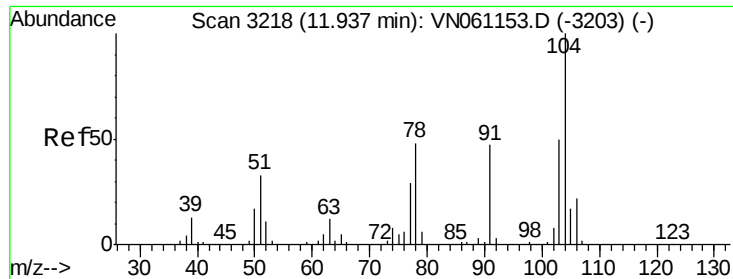
MMDadoda
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#69
o-Xylene
Concen: 50.243 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		98015		
91	221.8	109.7	329.0		





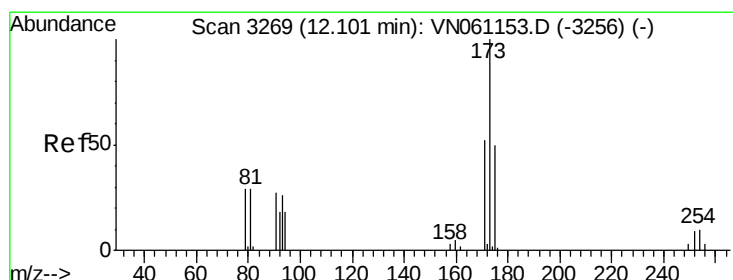
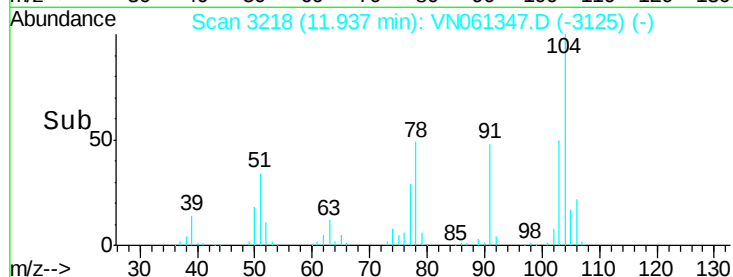
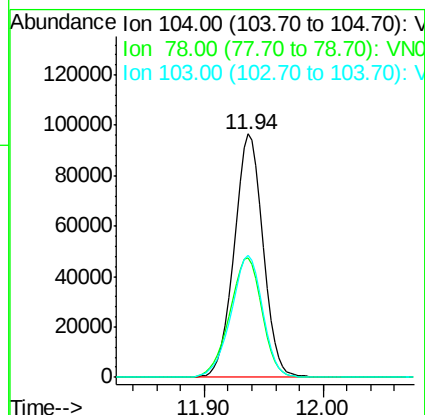
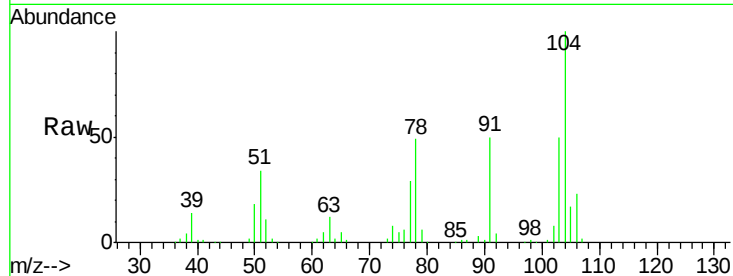
#70
Stvrene
Concen: 49.701 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Instrument :
MSVOA_N
ClientSampleId :
SS050MW052-200504MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	55.0	42.1	63.1
103	54.7	43.3	64.9

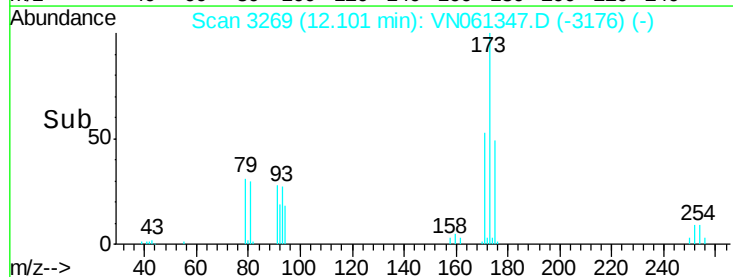
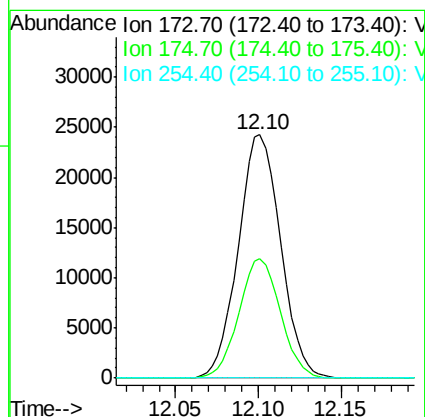
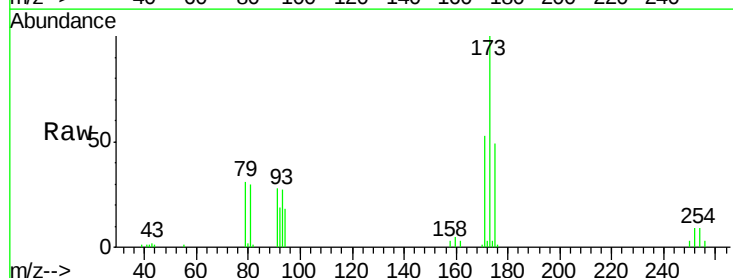
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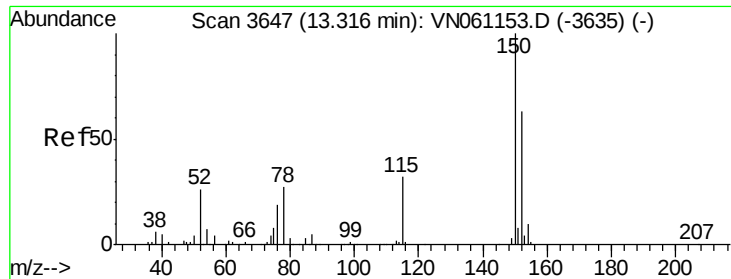
MMDadoda
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#71
Bromoform
Concen: 55.323 ug/l
RT: 12.10 min Scan# 3269
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.1	72.4
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3647

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :

MSVOA_N

ClientSampleId :

SS050MW052-200504MSD

Tot Ion:152 Resp: 71462

Ion Ratio Lower Upper

152 100

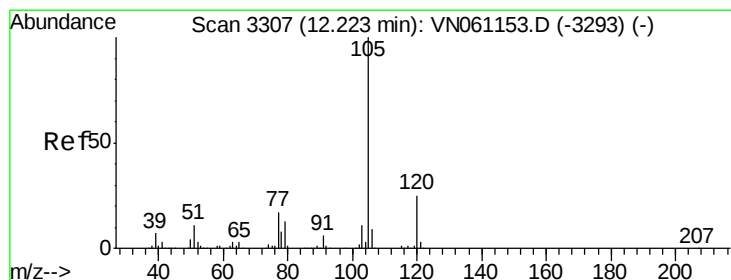
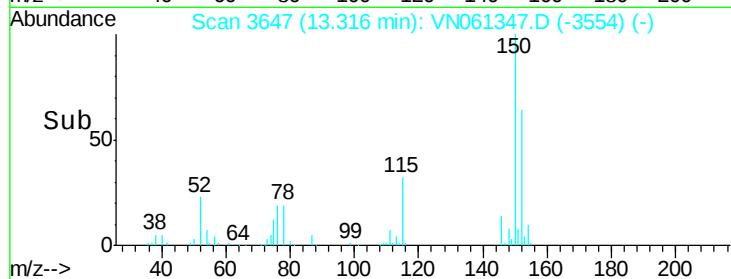
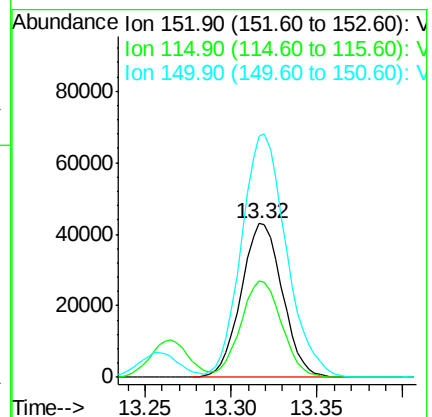
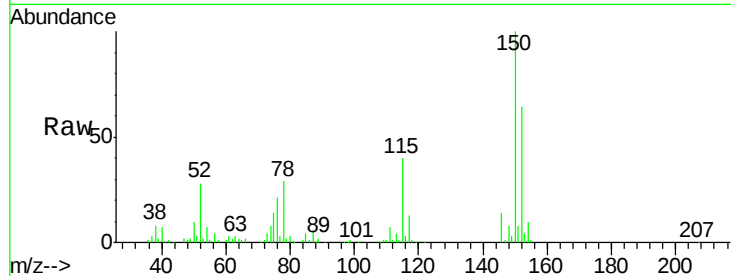
115 62.3 31.0 93.0

150 172.4 0.0 351.8

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#73

Isopropylbenzene

Concen: 49.611 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061347.D

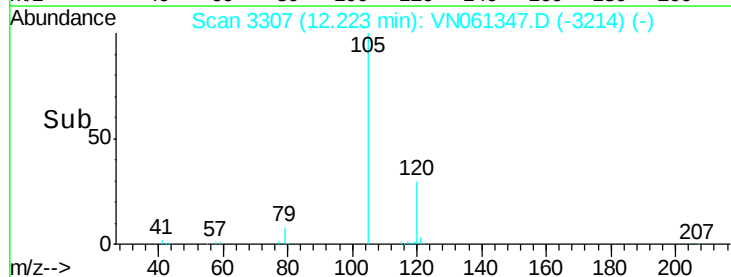
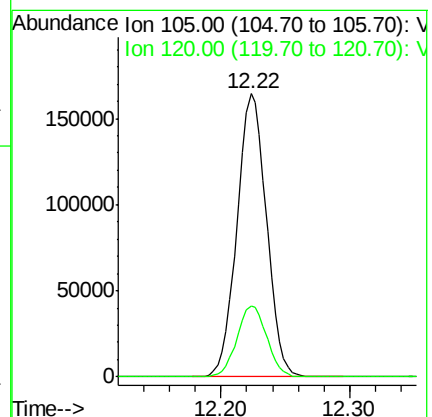
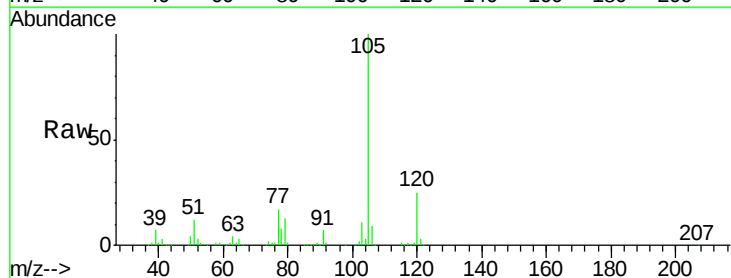
Acq: 7 May 2020 20:21

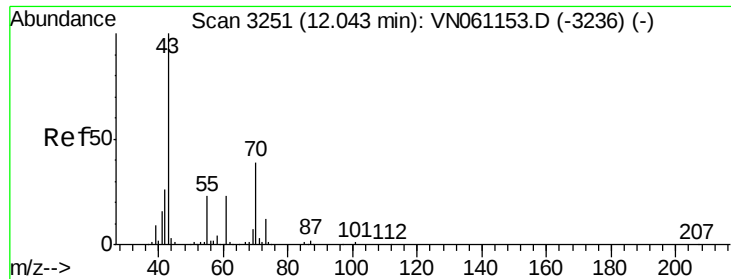
Tgt Ion:105 Resp: 260630

Ion Ratio Lower Upper

105 100

120 25.2 12.6 37.8





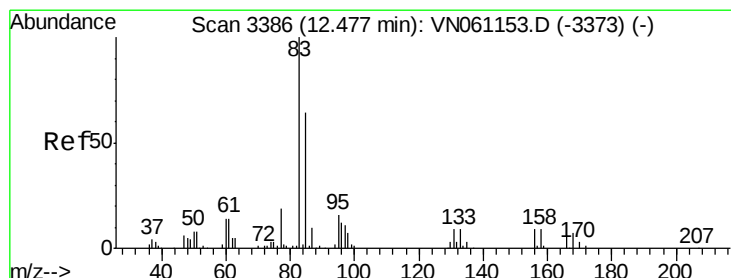
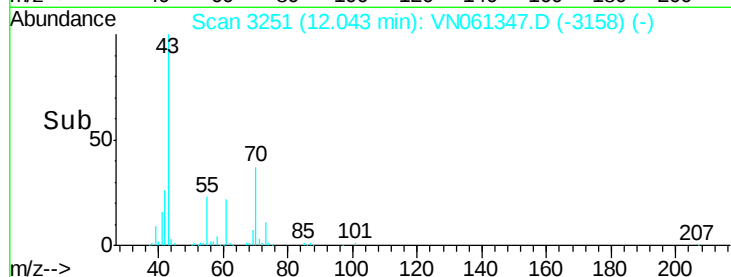
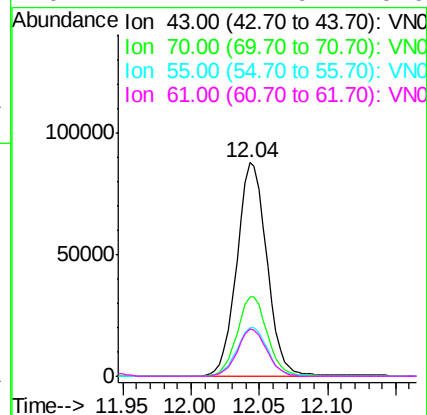
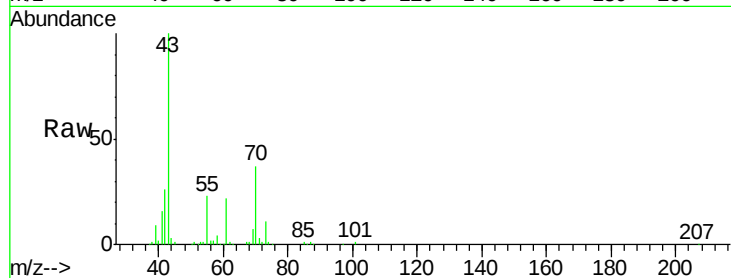
#74
N-amyl acetate
Concen: 50.645 ug/l
RT: 12.04 min Scan# 3251
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Instrument :
MSVOA_N
ClientSampleId :
SS050MW052-200504MSD

Tot Ion	43	Resp	134729
Ion Ratio	Lower	Upper	
43	100		
70	37.4	30.6	46.0
55	23.3	18.5	27.7
61	21.7	17.9	26.9

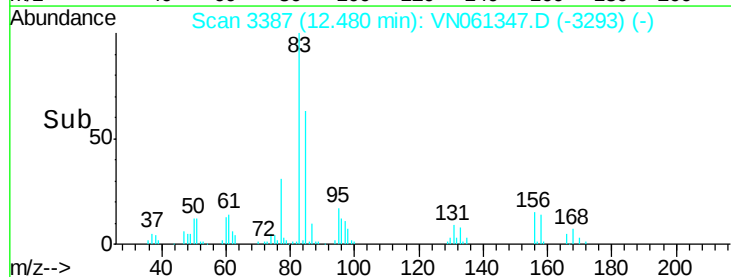
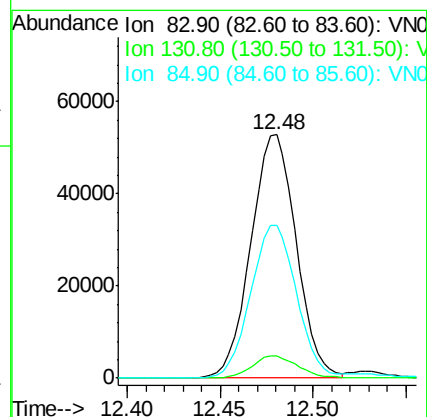
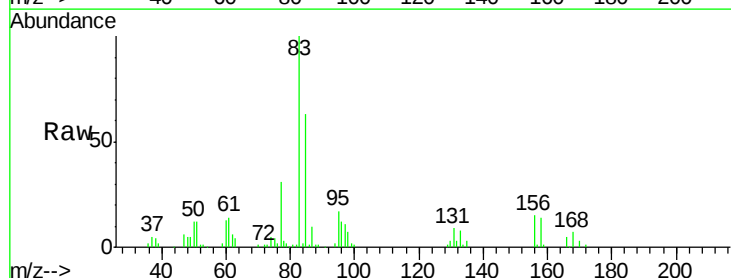
Manual Integrations
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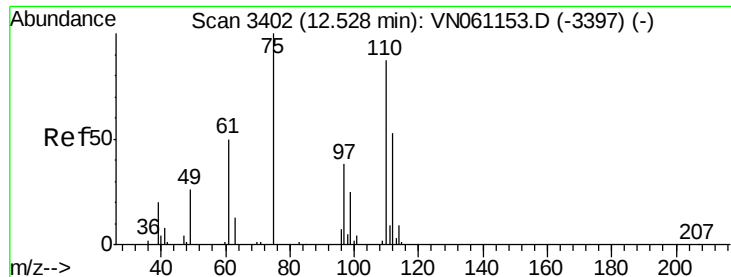
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#75
1,1,2,2-Tetrachloroethane
Concen: 54.914 ug/l
RT: 12.48 min Scan# 3387
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion	83	Resp	89956
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.8	14.3
85	63.3	32.0	96.0





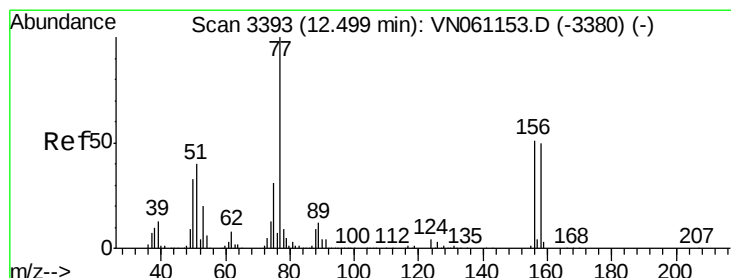
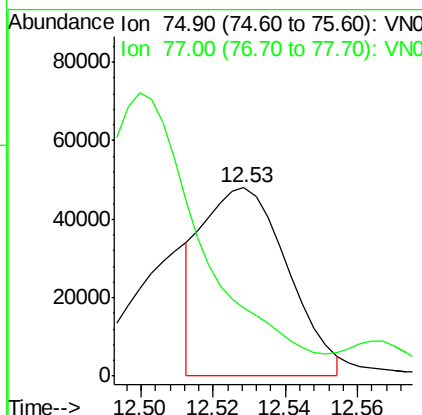
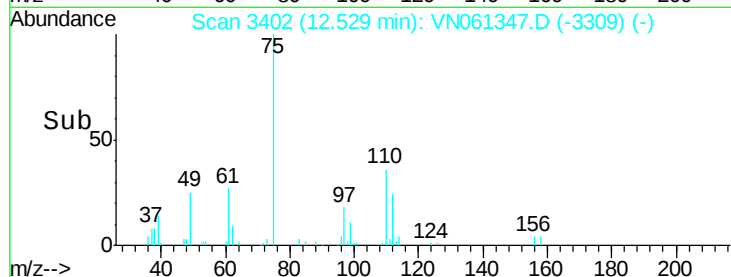
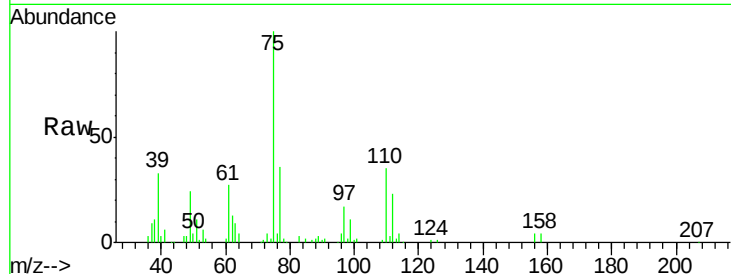
#76
 1,2,3-Trichloropropane
 Concen: 51.956 ug/l m
 RT: 12.53 min Scan# 3402
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Instrument :
 MSVOA_N
 ClientSampleId :
 SS050MW052-200504MSD

Tot Ion: 75 Resp: 78277
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

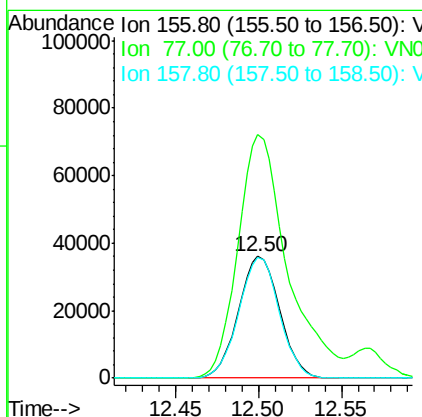
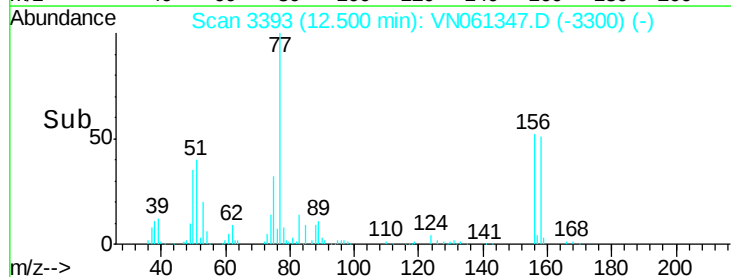
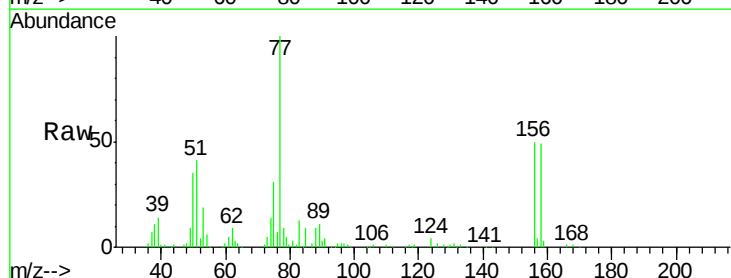
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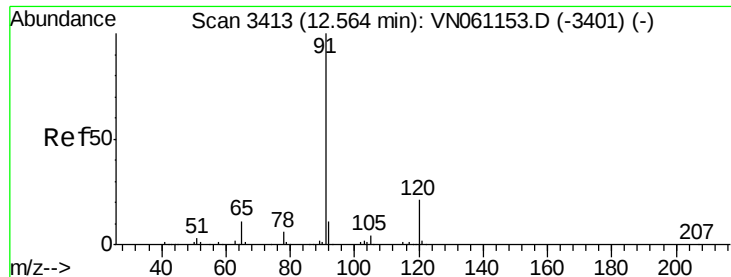
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#77
 Bromobenzene
 Concen: 51.557 ug/l
 RT: 12.50 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Tgt Ion: 156 Resp: 62525
 Ion Ratio Lower Upper
 156 100
 77 240.1 117.4 352.2
 158 97.3 48.4 145.0





#78

n-propylbenzene

Concen: 49.674 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :

MSVOA_N

ClientSampleId :

SS050MW052-200504MSD

Tot Ion: 91 Resp: 309530

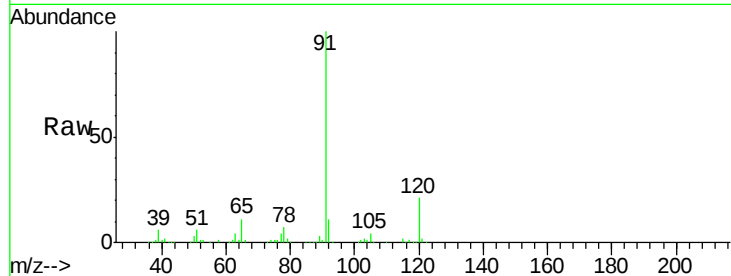
Ion Ratio Lower Upper

91 100

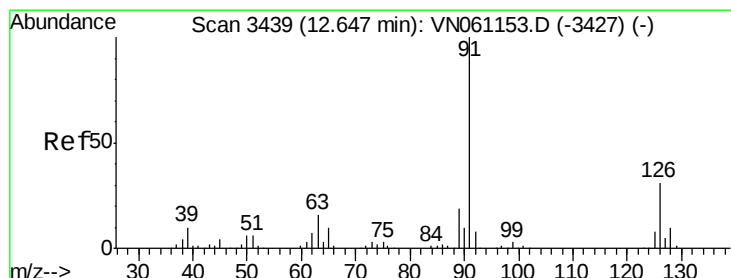
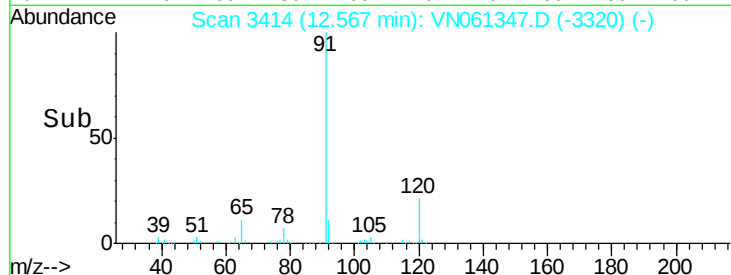
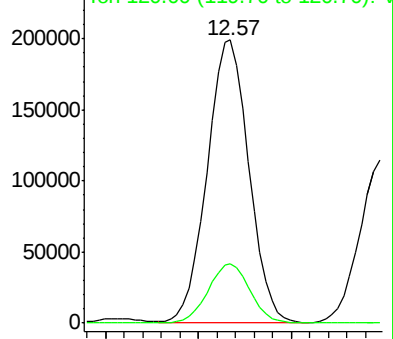
120 21.2 10.8 32.3

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Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3401) (-)



#79

2-Chlorotoluene

Concen: 51.151 ug/l

RT: 12.65 min Scan# 3439

Delta R.T. 0.00 min

Lab File: VN061347.D

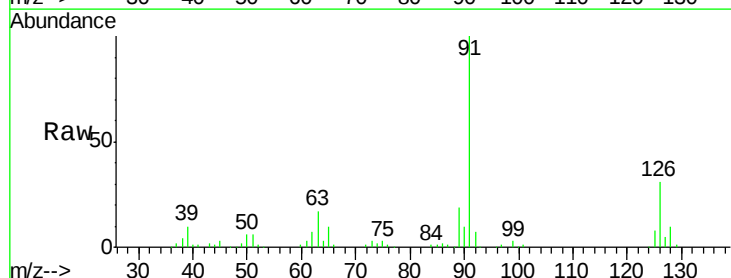
Acq: 7 May 2020 20:21

Tgt Ion: 91 Resp: 187345

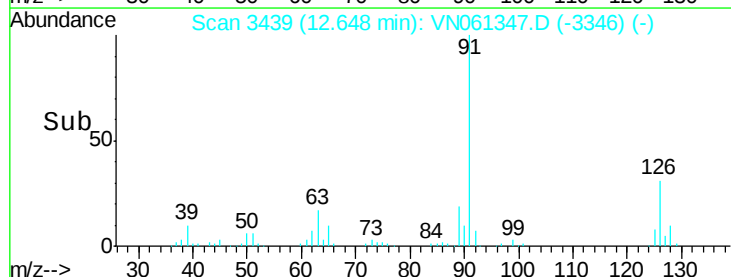
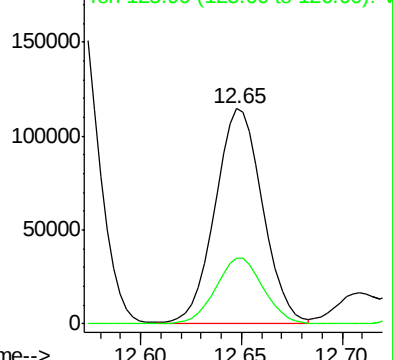
Ion Ratio Lower Upper

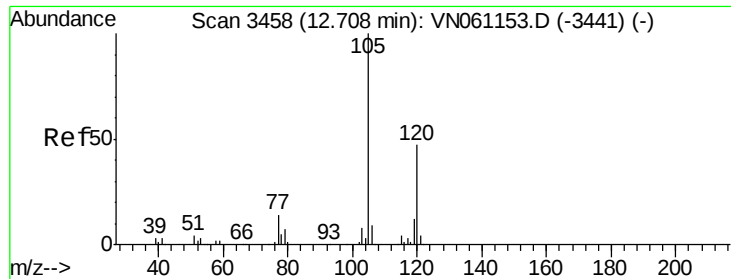
91 100

126 31.0 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3427) (-)





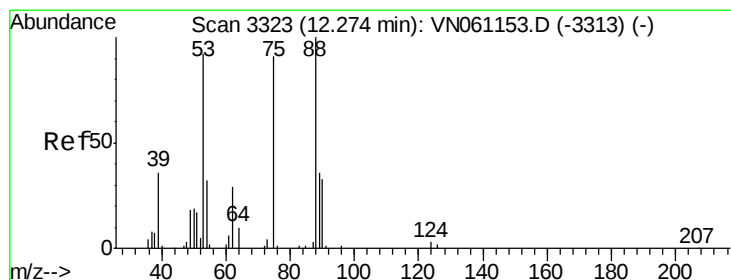
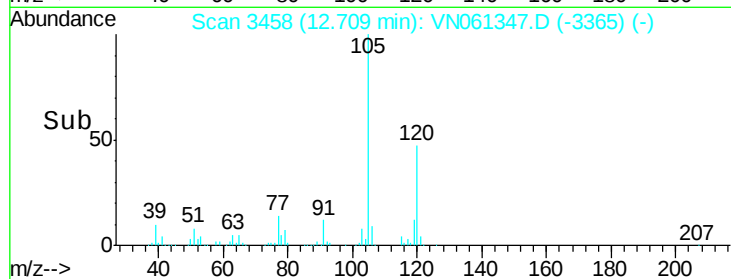
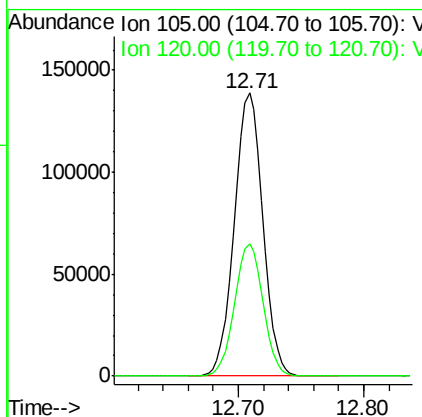
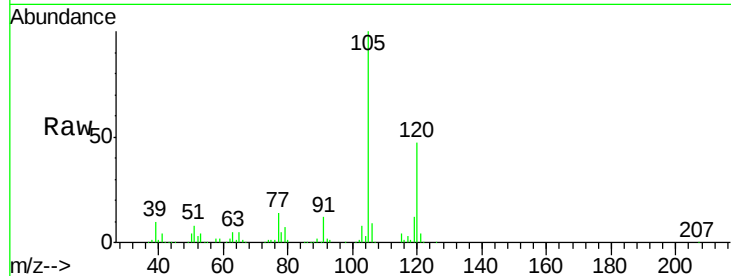
#80
 1,3,5-Trimethylbenzene
 Concen: 50.406 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Instrument :
 MSVOA_N
 ClientSampleId :
 SS050MW052-200504MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.9	71.7

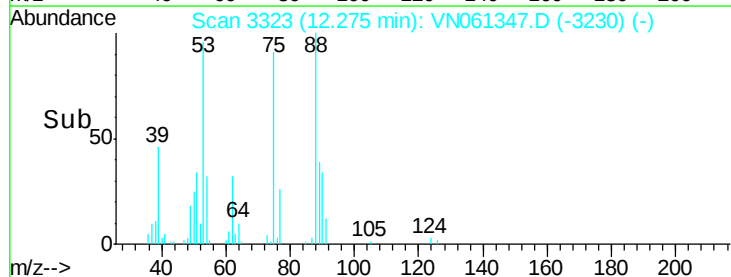
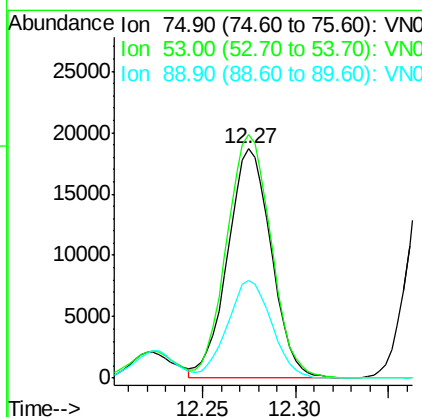
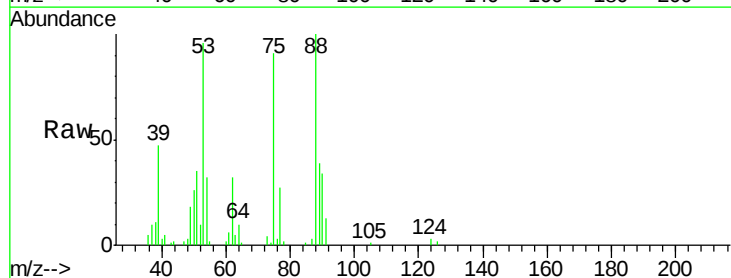
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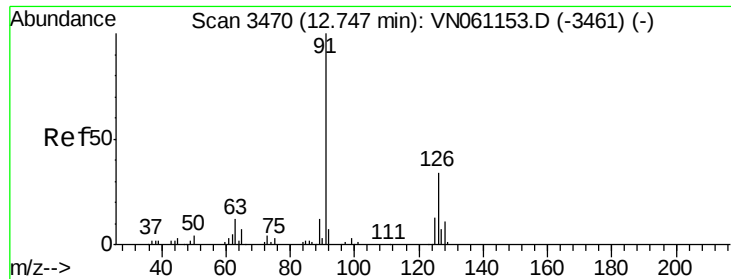
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.438 ug/l
 RT: 12.27 min Scan# 3323
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
75	100		
53	108.5	84.1	126.1
89	43.3	35.2	52.8





#82

4-Chlorotoluene

Concen: 51.296 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :

MSVOA_N

ClientSampleId :

SS050MW052-200504MSD

Tot Ion: 91 Resp: 198013

Ion Ratio Lower Upper

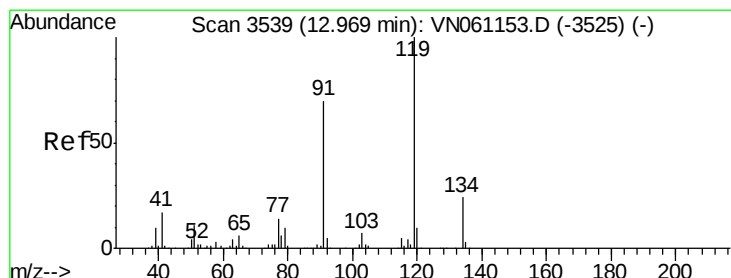
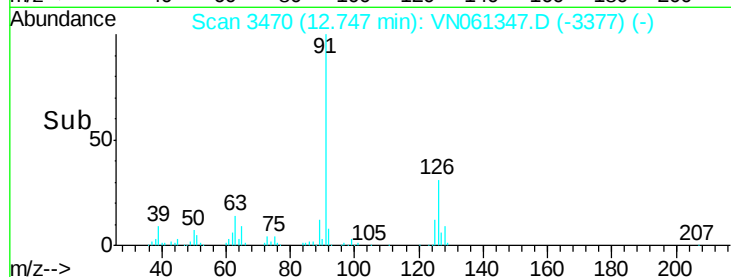
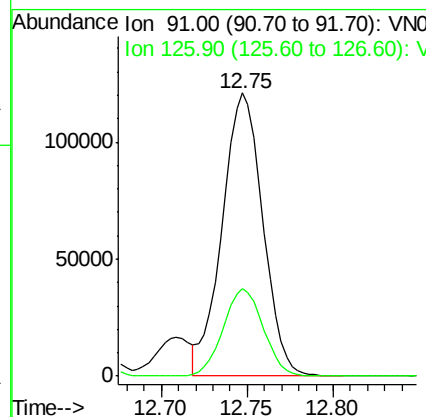
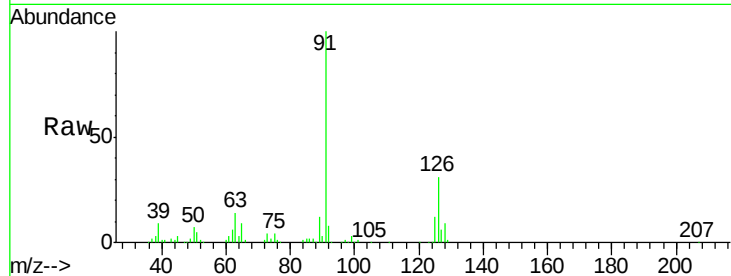
91 100

126 30.7 15.7 47.1

Manual Integrations
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#83

tert-Butylbenzene

Concen: 48.276 ug/l

RT: 12.97 min Scan# 3539

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

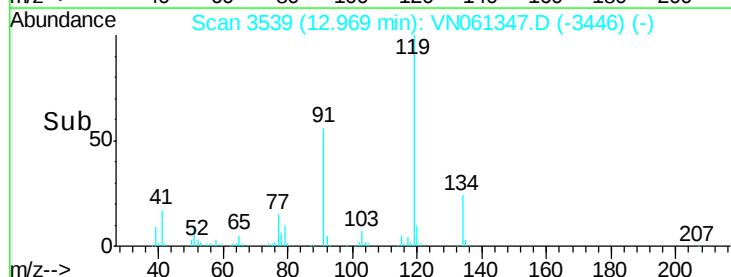
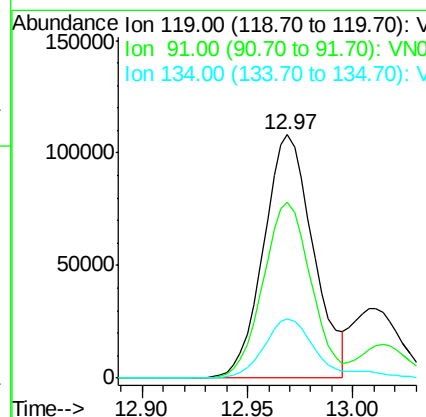
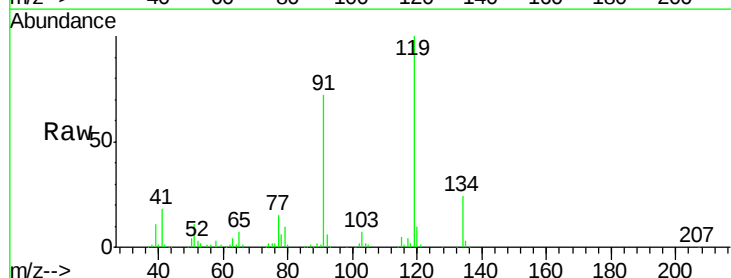
Tgt Ion: 119 Resp: 176996

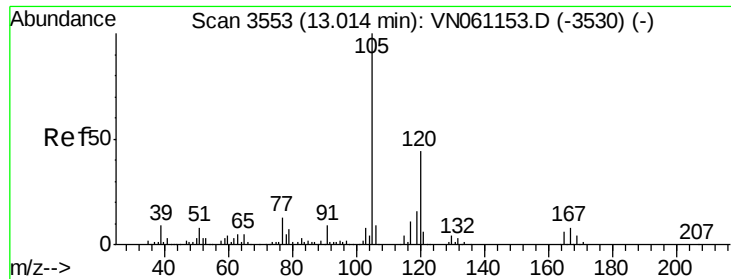
Ion Ratio Lower Upper

119 100

91 69.7 34.8 104.4

134 26.3 12.9 38.7





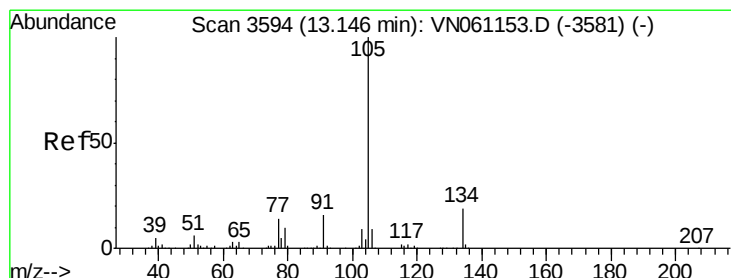
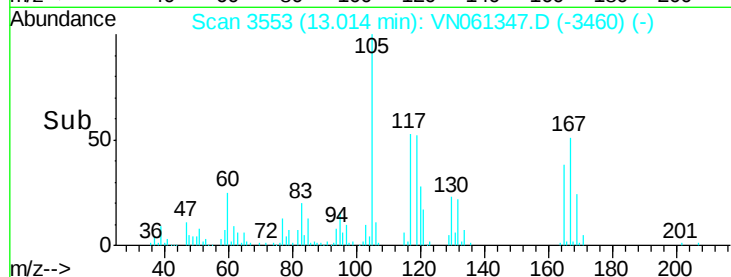
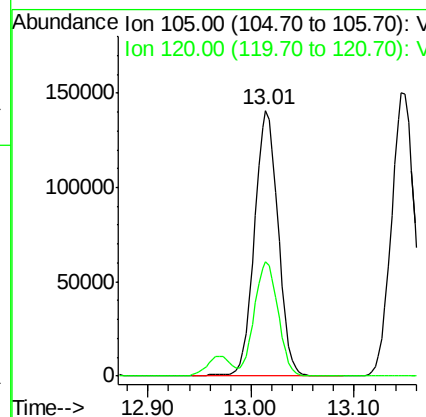
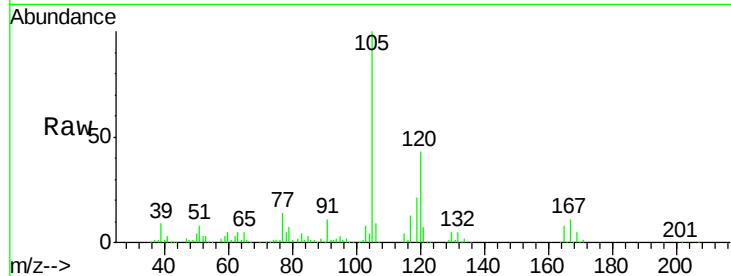
#84
 1,2,4-Trimethylbenzene
 Concen: 49.860 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Instrument :
 MSVOA_N
 ClientSampleId :
 SS050MW052-200504MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.2	66.6

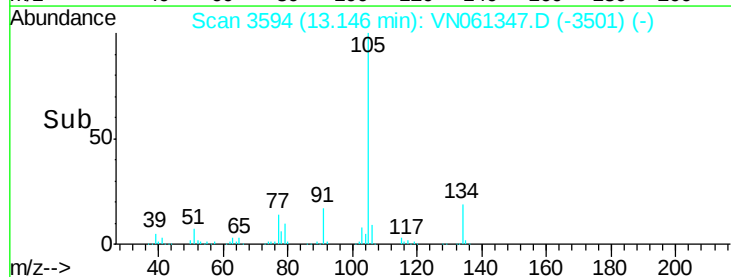
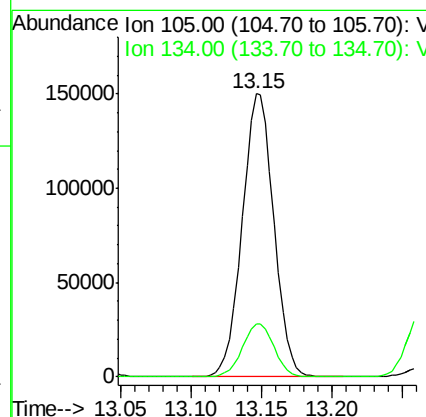
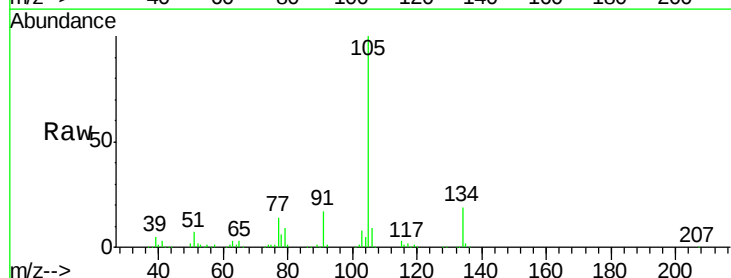
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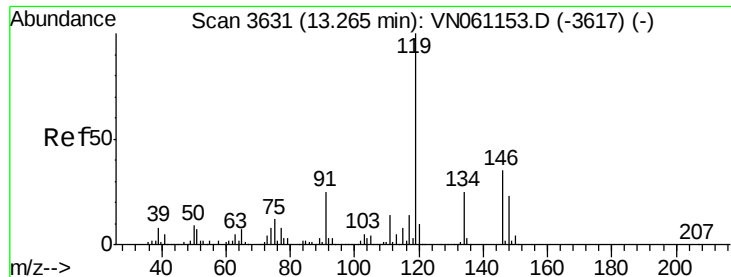
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#85
 sec-Butylbenzene
 Concen: 47.134 ug/l
 RT: 13.15 min Scan# 3594
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
105	100		
134	18.9	9.6	28.8





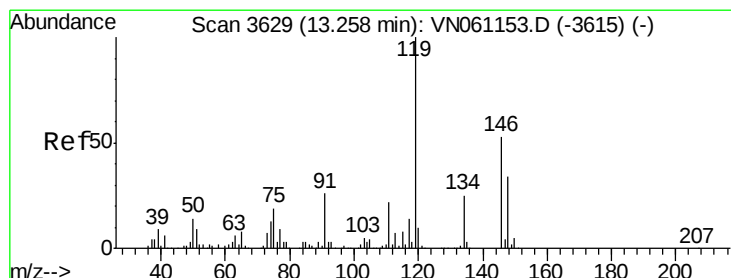
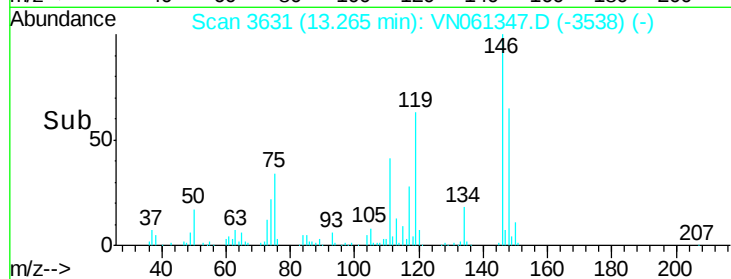
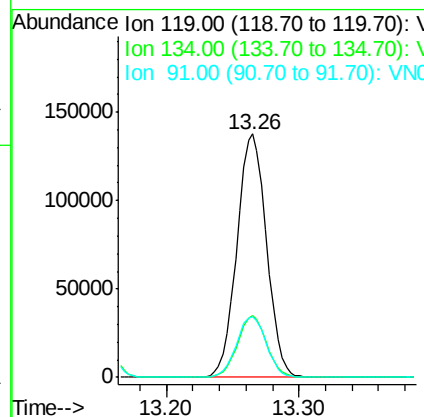
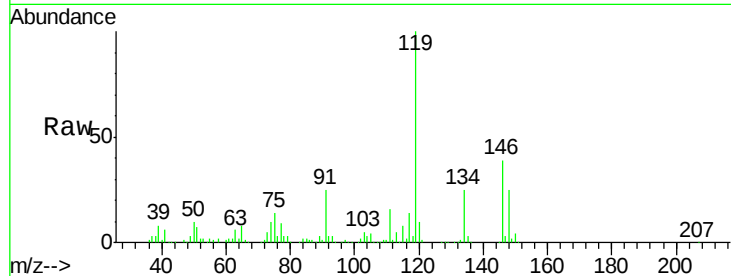
#86
 p-Isopropyltoluene
 Concen: 47.322 ug/l
 RT: 13.26 min Scan# 3631
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Instrument :
 MSVOA_N
 ClientSampleId :
 SS050MW052-200504MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	213125		
134	24.9	12.6	37.6	
91	25.1	12.7	38.0	

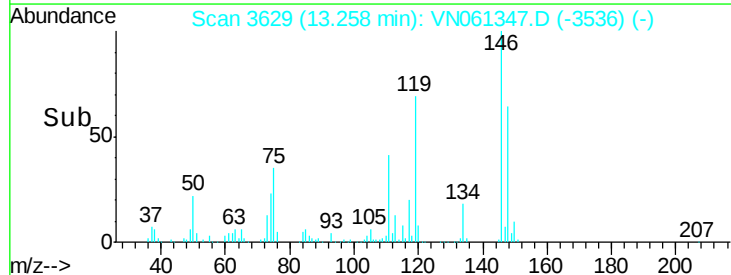
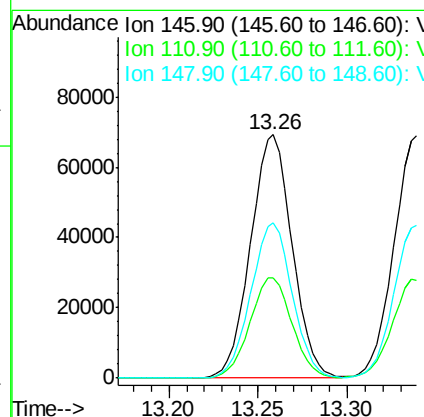
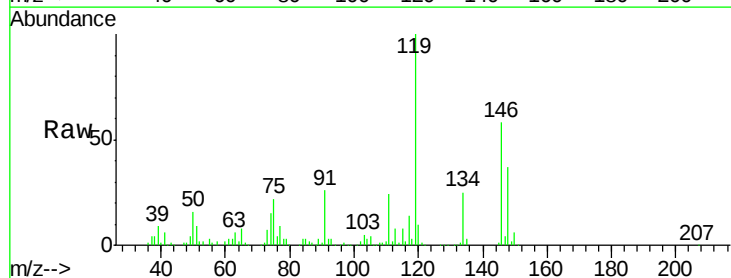
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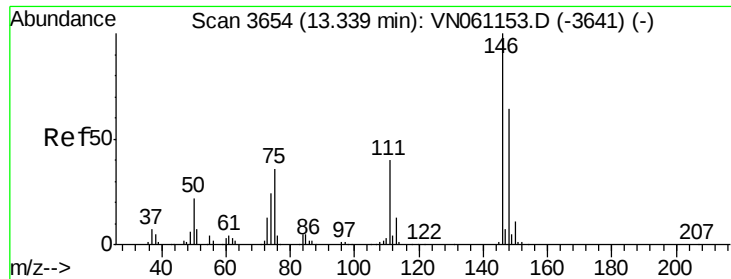
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#87
 1,3-Dichlorobenzene
 Concen: 50.523 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	112795		
111	41.7	20.7	62.1	
148	63.5	31.8	95.3	





#88

1,4-Dichlorobenzene

Concen: 49.807 ug/l

RT: 13.34 min Scan# 3654

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :

MSVOA_N

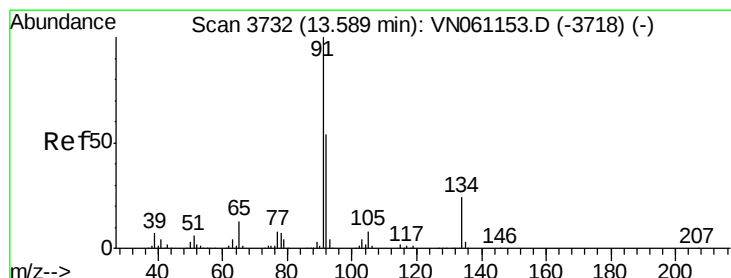
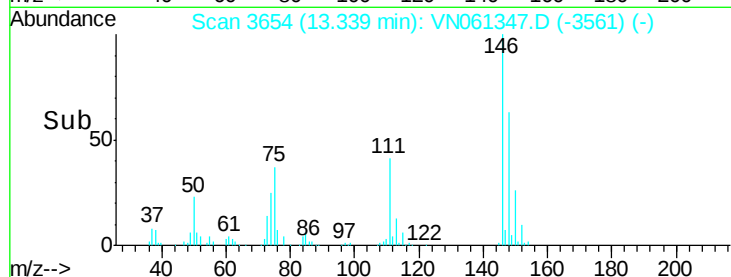
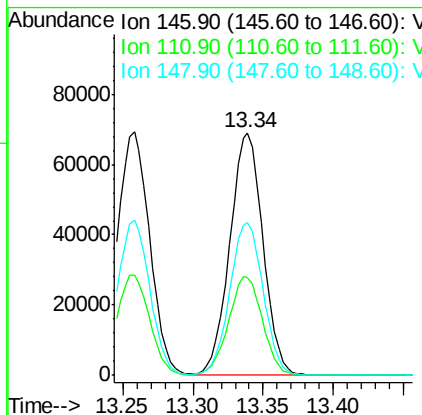
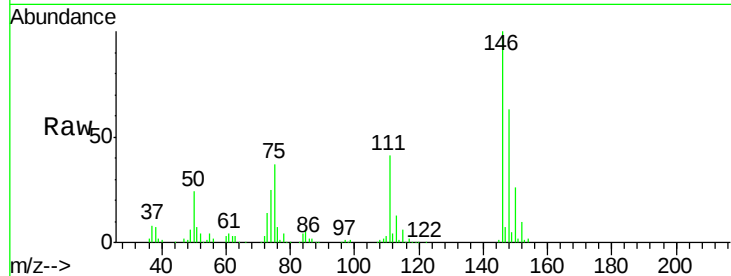
ClientSampleId :

SS050MW052-200504MSD

Tot Ion:	146	Resp:	113616
Ion Ratio		Lower	Upper
146	100		
111	41.8	20.4	61.3
148	63.4	31.9	95.7

Manual Integrations
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#89

n-Butylbenzene

Concen: 46.315 ug/l

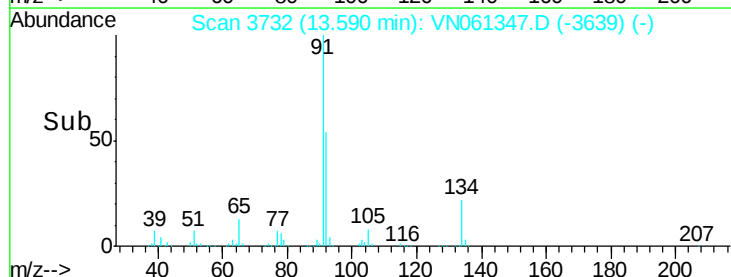
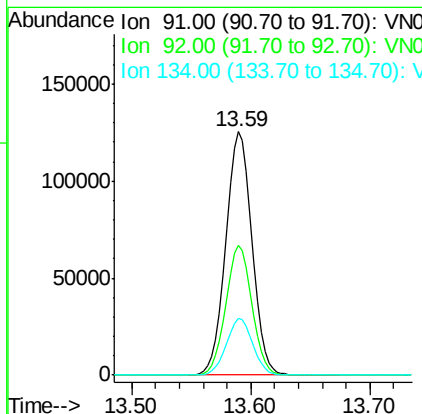
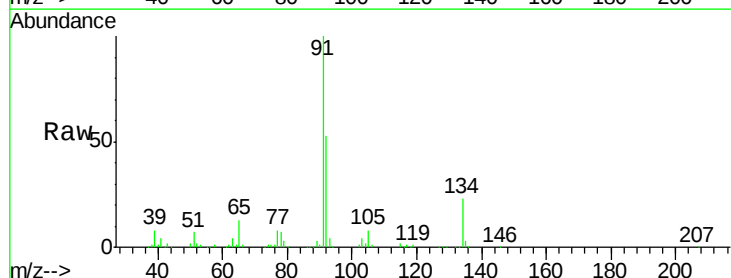
RT: 13.59 min Scan# 3732

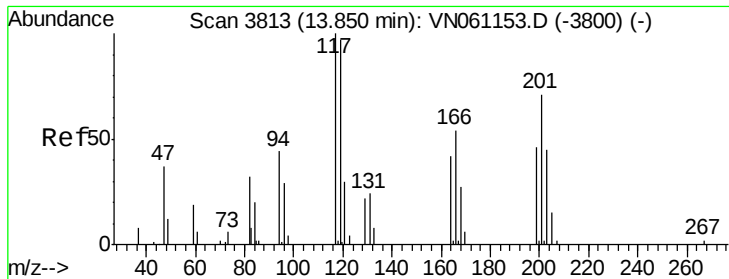
Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Tgt Ion:	91	Resp:	191221
Ion Ratio		Lower	Upper
91	100		
92	53.0	26.8	80.3
134	23.4	11.9	35.5





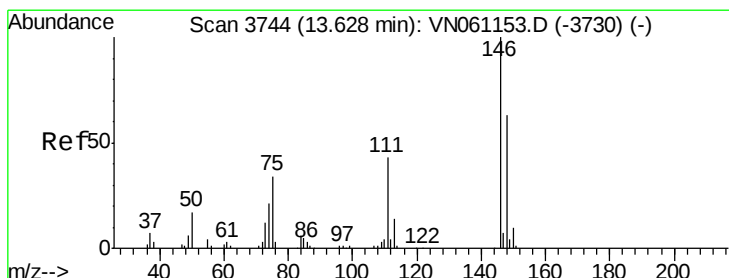
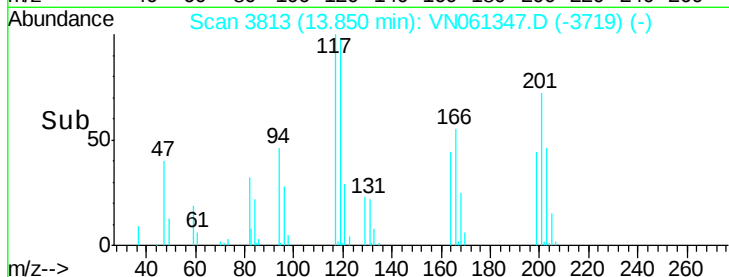
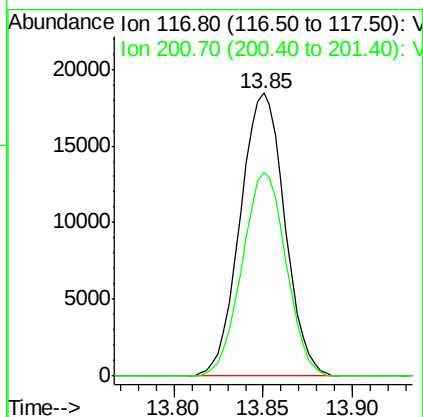
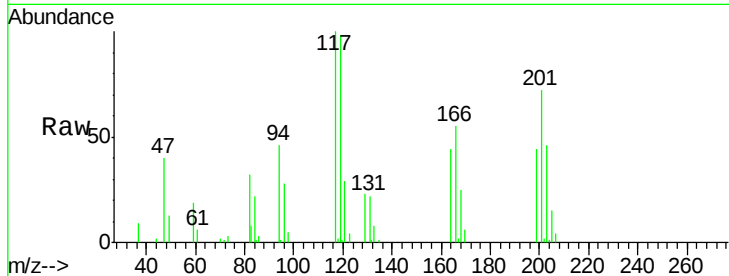
#90
Hexachloroethane
Concen: 65.643 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Instrument :
MSVOA_N
ClientSampleId :
SS050MW052-200504MSD

Tot Ion:117 Resp: 32159
Ion Ratio Lower Upper
117 100
201 70.9 35.5 106.7

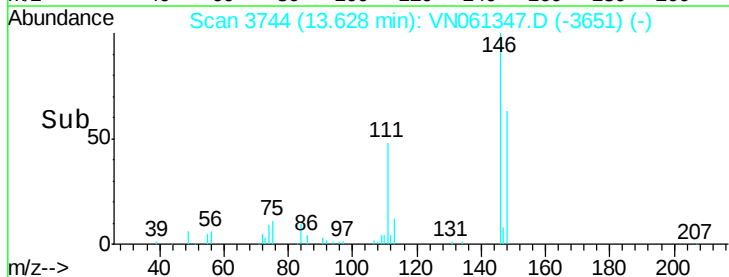
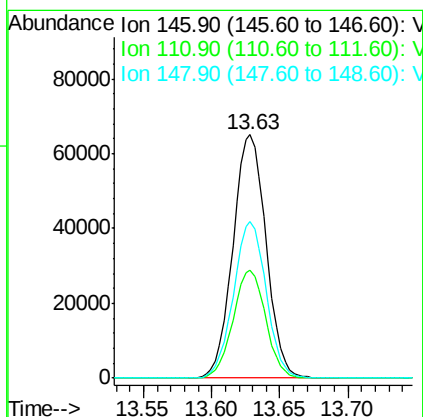
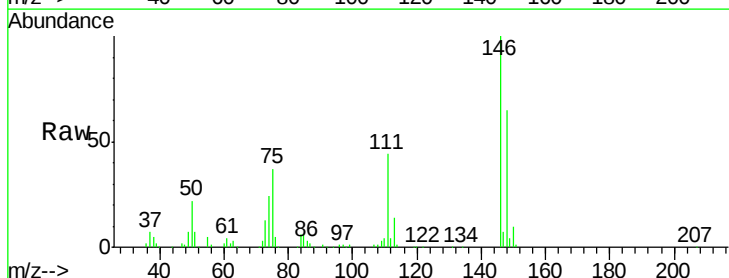
Manual Integrations
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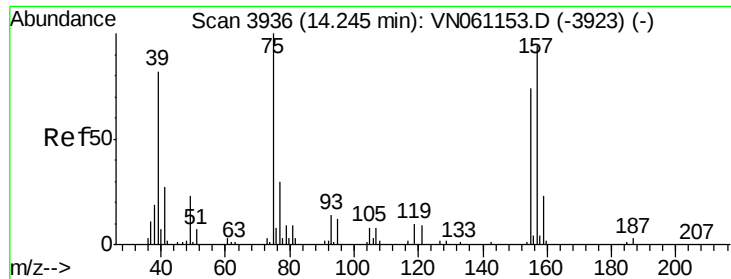
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#91
1,2-Dichlorobenzene
Concen: 51.240 ug/l
RT: 13.63 min Scan# 3744
Delta R.T. 0.00 min
Lab File: VN061347.D
Acq: 7 May 2020 20:21

Tgt Ion:146 Resp: 109688
Ion Ratio Lower Upper
146 100
111 43.6 21.8 65.3
148 63.6 31.6 95.0





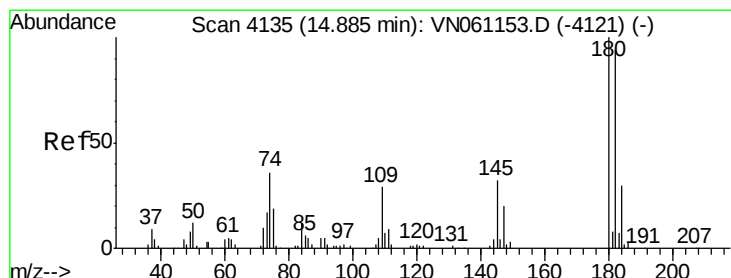
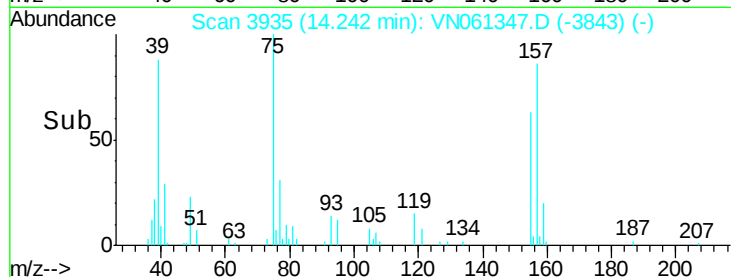
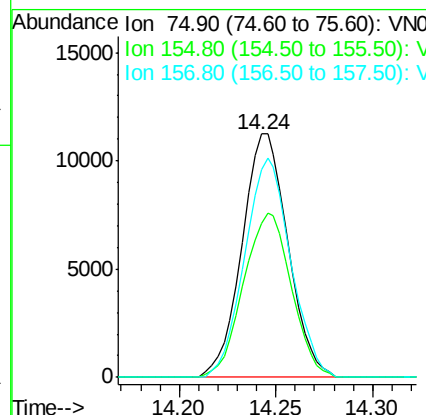
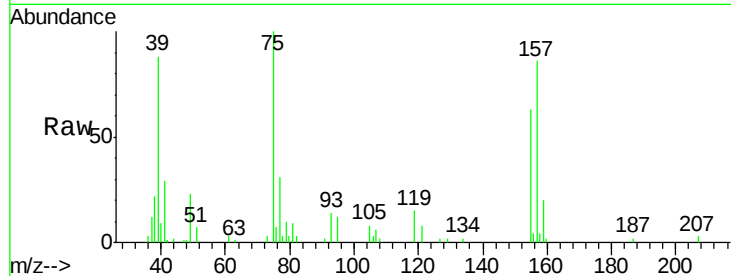
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.745 ug/l
 RT: 14.24 min Scan# 3935
 Delta R.T. -0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Instrument :
 MSVOA_N
 ClientSampleId :
 SS050MW052-200504MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	70.1	36.5	109.7
157	89.7	46.6	139.7

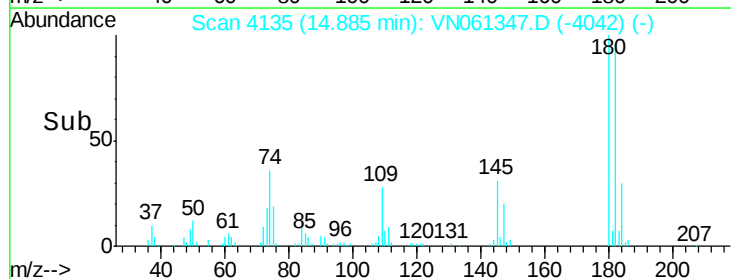
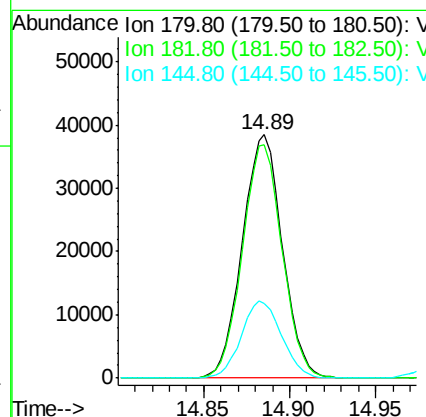
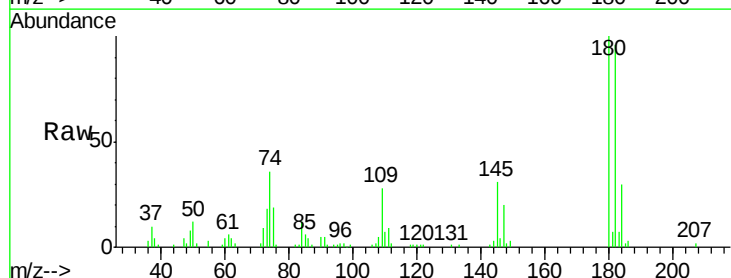
Manual Integrations
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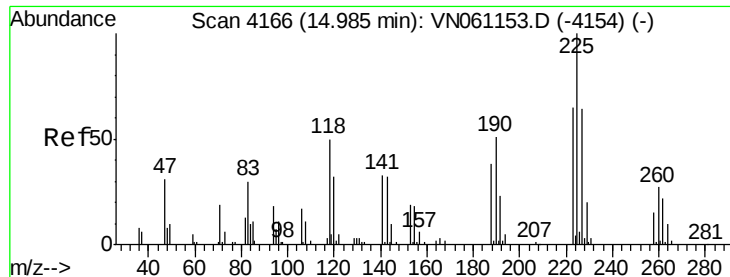
MMDadoda
 5/8/2020 1:18:20 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 47.653 ug/l
 RT: 14.89 min Scan# 4135
 Delta R.T. 0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.3	141.9
145	31.8	16.0	47.9





#94

Hexachlorobutadiene

Concen: 48.139 ug/l

RT: 14.99 min Scan# 4166

Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Instrument :

MSVOA_N

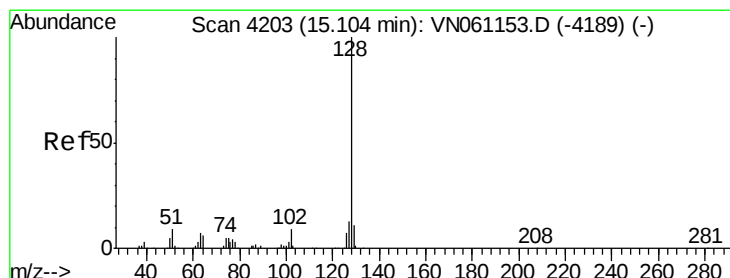
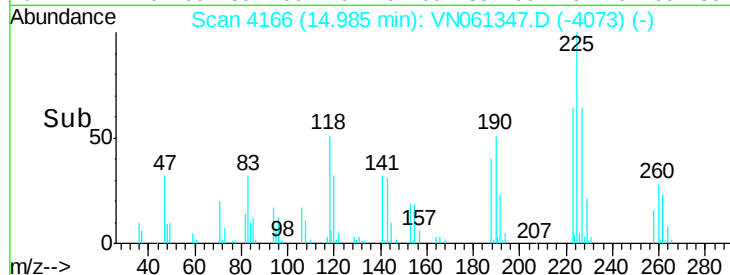
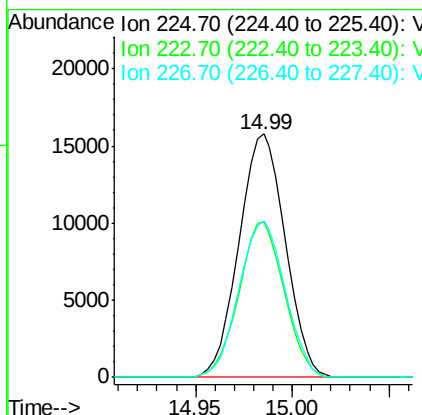
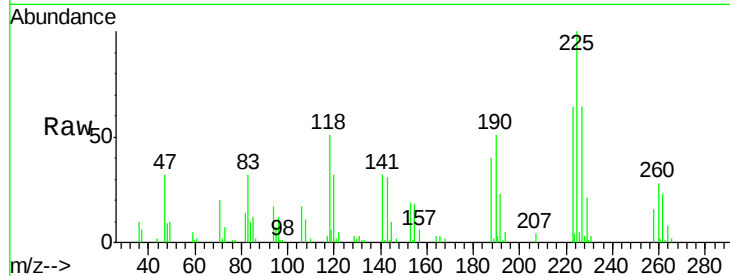
ClientSampleId :

SS050MW052-200504MSD

Tot Ion:	225	Resp:	26216
Ion Ratio	Lower	Upper	
225	100		
223	62.3	32.4	97.0
227	64.0	32.4	97.0

Manual Integrations
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5/8/2020 1:18:20 PM



#95

Naphthalene

Concen: 48.273 ug/l

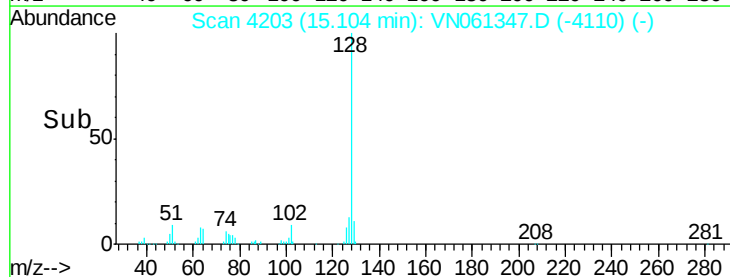
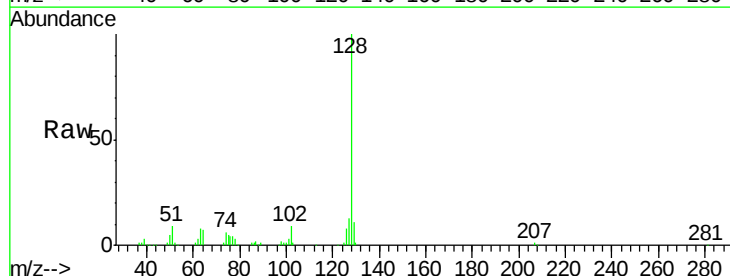
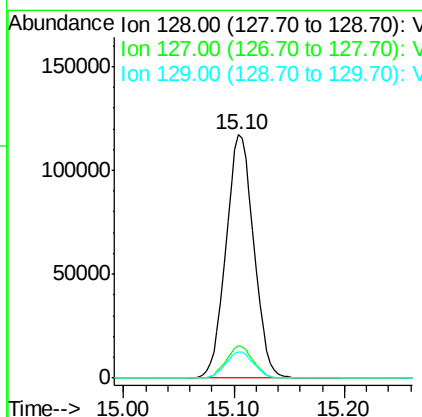
RT: 15.10 min Scan# 4203

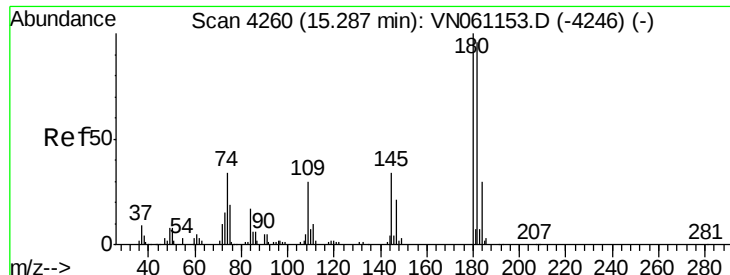
Delta R.T. 0.00 min

Lab File: VN061347.D

Acq: 7 May 2020 20:21

Tgt Ion:	128	Resp:	204934
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.9	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 48.005 ug/l
 RT: 15.28 min Scan# 4259
 Delta R.T. -0.00 min
 Lab File: VN061347.D
 Acq: 7 May 2020 20:21

Instrument :
 MSVOA_N
 ClientSampleId :
 SS050MW052-200504MSD

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	94.8	47.5	142.5
145	33.5	16.9	50.7

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 1:18:20 PM

