

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040720\
 Data File : VN060889.D
 Acq On : 7 Apr 2020 19:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/8/2020 9:38:59 AM

Quant Time: Apr 08 06:37:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	191911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	319201	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	294779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143409	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	132407	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
35) Dibromofluoromethane	7.57	113	101193	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
50) Toluene-d8	10.08	98	399205	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.40	95	148270	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	79184	42.643	ug/l	98
3) Chloromethane	2.04	50	141393	40.770	ug/l	99
4) Vinyl Chloride	2.17	62	113296	41.767	ug/l	99
5) Bromomethane	2.54	94	57276	48.913	ug/l	98
6) Chloroethane	2.69	64	72875	46.637	ug/l	100
7) Trichlorofluoromethane	3.00	101	155390	46.503	ug/l	100
8) Diethyl Ether	3.38	74	64882	48.334	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	94437	48.774	ug/l	99
10) Methyl Iodide	3.93	142	72011	41.796	ug/l	100
11) Tert butyl alcohol	4.72	59	83826	216.352	ug/l	99
12) 1,1-Dichloroethene	3.72	96	93109	44.811	ug/l	98
13) Acrolein	3.57	56	87955	204.827	ug/l	99
14) Allyl chloride	4.29	41	173303	47.423	ug/l	97
15) Acrylonitrile	4.94	53	278414	244.365	ug/l	99
16) Acetone	3.78	43	213934	229.249	ug/l	99
17) Carbon Disulfide	4.03	76	261380	41.363	ug/l	100
18) Methyl Acetate	4.29	43	136367	51.916	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	338279	47.353	ug/l	98
20) Methylene Chloride	4.52	84	108003	47.048	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	101157	45.680	ug/l	94
22) Diisopropyl ether	5.91	45	387137	50.143	ug/l	98
23) Vinyl Acetate	5.86	43	1565563	248.527	ug/l	99
24) 1,1-Dichloroethane	5.81	63	204615	48.615	ug/l	100
25) 2-Butanone	6.80	43	357753	236.912	ug/l	98
26) 2,2-Dichloropropane	6.80	77	159176	48.068	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	120237	47.780	ug/l	99
28) Bromochloromethane	7.17	49	102515	50.908	ug/l	99
29) Tetrahydrofuran	7.18	42	247196	231.363	ug/l	98
30) Chloroform	7.35	83	194398	48.179	ug/l	99
31) Cyclohexane	7.63	56	187770	44.252	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	167498	48.154	ug/l	99
36) 1,1-Dichloropropene	7.77	75	147930	47.861	ug/l	100
37) Ethyl Acetate	6.89	43	156367	46.820	ug/l	99
38) Carbon Tetrachloride	7.75	117	134462	48.539	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	175850	47.875	ug/l	98
40) Benzene	8.02	78	447844	47.998	ug/l	99
41) Methacrylonitrile	7.15	41	73089m	51.280	ug/l	
42) 1,2-Dichloroethane	8.10	62	156536	49.090	ug/l	99
43) Isopropyl Acetate	8.14	43	266417	48.370	ug/l	99
44) Trichloroethene	8.82	130	112158	47.684	ug/l	100
45) 1,2-Dichloropropane	9.10	63	124062	50.390	ug/l	99
46) Dibromomethane	9.19	93	74076	49.767	ug/l	99
47) Bromodichloromethane	9.39	83	155701	50.340	ug/l	98
48) Methyl methacrylate	9.18	41	118068	48.147	ug/l	99
49) 1,4-Dioxane	9.18	88	28378	973.584	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	773351	246.744	ug/l	99
52) Toluene	10.14	92	272818	48.415	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	176523	49.685	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	190469	48.867	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	107412	49.547	ug/l	99
56) Ethyl methacrylate	10.42	69	170933	50.569	ug/l	99
57) 1,3-Dichloropropane	10.70	76	187062	49.725	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	389408	231.790	ug/l	99
59) 2-Hexanone	10.74	43	547312	242.415	ug/l	100
60) Dibromochloromethane	10.89	129	114090	50.949	ug/l	100
61) 1,2-Dibromoethane	10.99	107	107500	49.314	ug/l	99
64) Tetrachloroethene	10.62	164	104633	45.107	ug/l	100
65) Chlorobenzene	11.43	112	281230	48.125	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	104474	49.378	ug/l	99
67) Ethyl Benzene	11.50	91	529765	48.749	ug/l	100
68) m/p-Xylenes	11.62	106	389118	96.356	ug/l	99
69) o-Xylene	11.94	106	188113	48.796	ug/l	100
70) Styrene	11.96	104	310466	49.242	ug/l	99
71) Bromoform	12.12	173	81729	46.595	ug/l #	100
73) Isopropylbenzene	12.24	105	504695	46.895	ug/l	100
74) N-amyl acetate	12.06	43	229208	46.089	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	156026	47.940	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	142935m	46.190	ug/l	
77) Bromobenzene	12.52	156	121823	46.975	ug/l	98
78) n-propylbenzene	12.59	91	603472	47.462	ug/l	99
79) 2-Chlorotoluene	12.67	91	352117	46.348	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	428136	46.877	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	54587	45.305	ug/l	99
82) 4-Chlorotoluene	12.77	91	366100	47.314	ug/l	99
83) tert-Butylbenzene	12.99	119	358703	47.378	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	427216	47.282	ug/l	100
85) sec-Butylbenzene	13.17	105	499607	49.073	ug/l	99
86) p-Isopropyltoluene	13.28	119	442960	48.385	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	218440	47.758	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	218231	47.490	ug/l	100
89) n-Butylbenzene	13.61	91	412626	49.921	ug/l	100
90) Hexachloroethane	13.87	117	70753	53.168	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	212224	48.525	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	30646	44.929	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	133500	49.707	ug/l	100
94) Hexachlorobutadiene	15.01	225	66274	50.337	ug/l	99
95) Naphthalene	15.13	128	366283	45.342	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	125985	47.624	ug/l	100

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

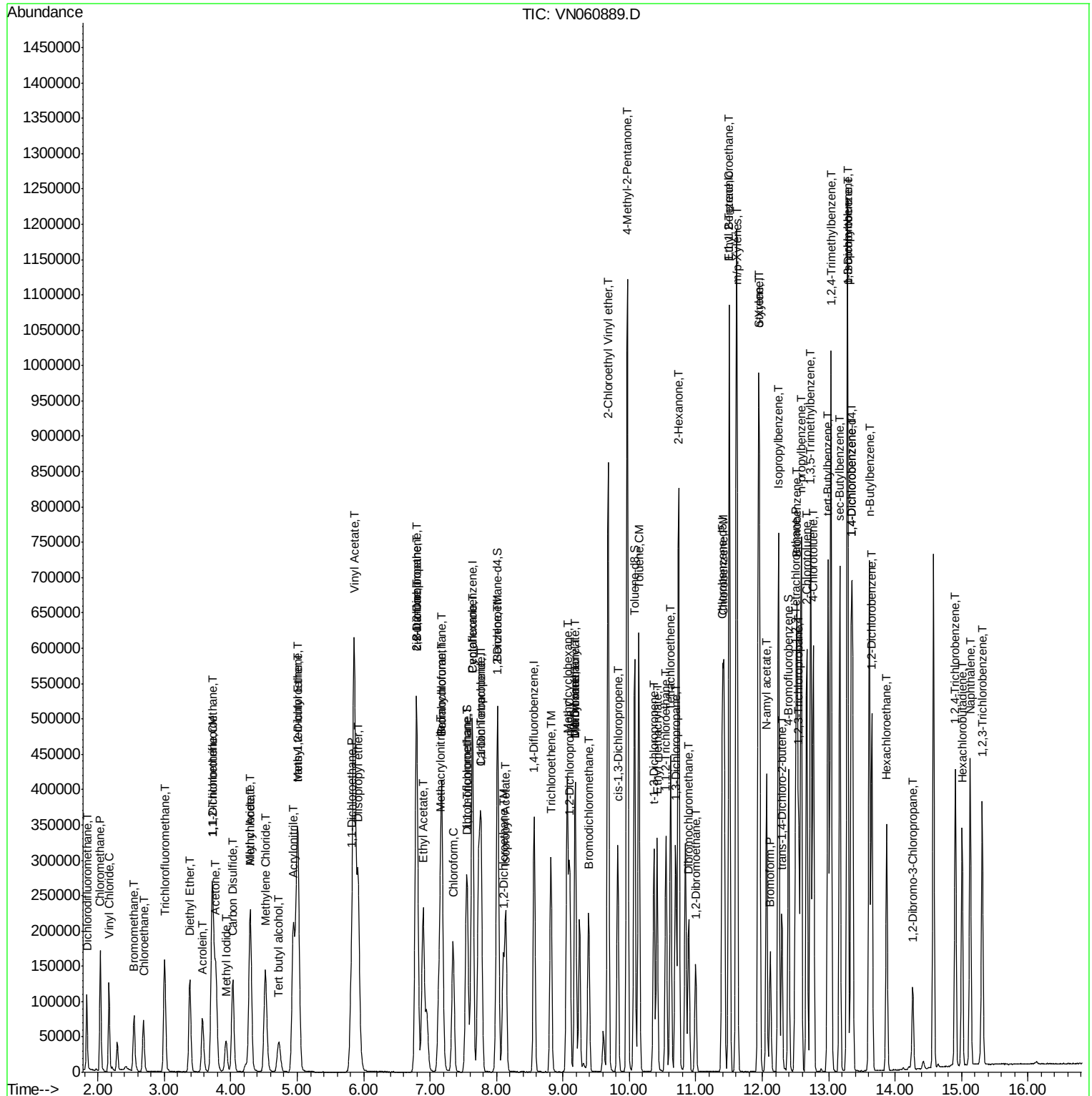
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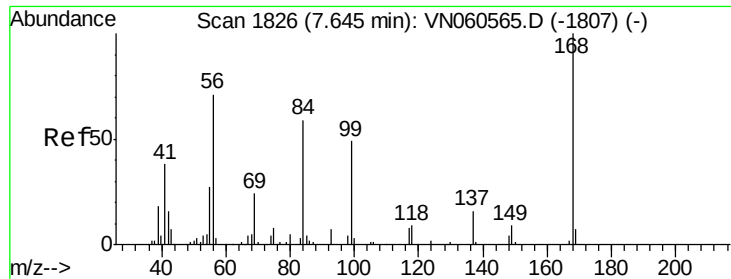
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060889.D

Acq: 7 Apr 2020 19:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 191911

Ion Ratio Lower Upper

168 100

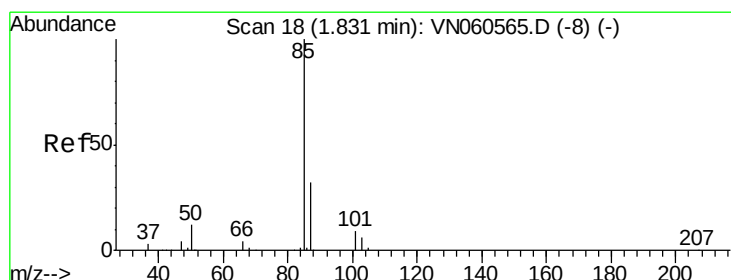
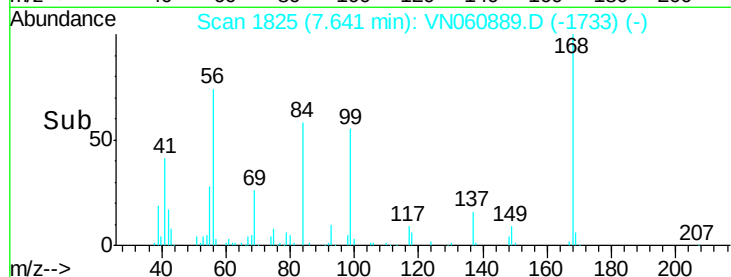
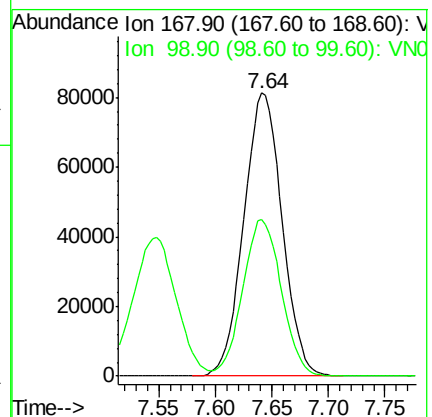
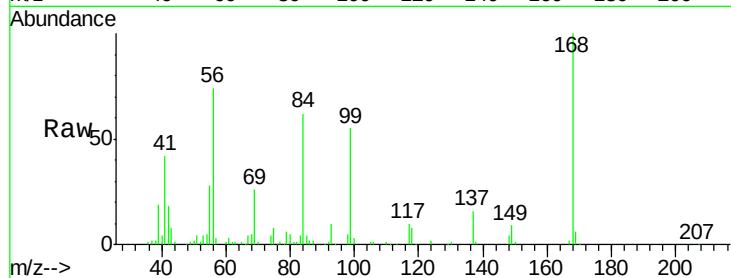
99 55.1 44.0 66.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 42.643 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060889.D

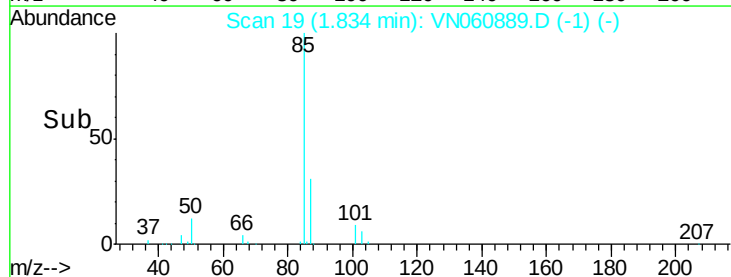
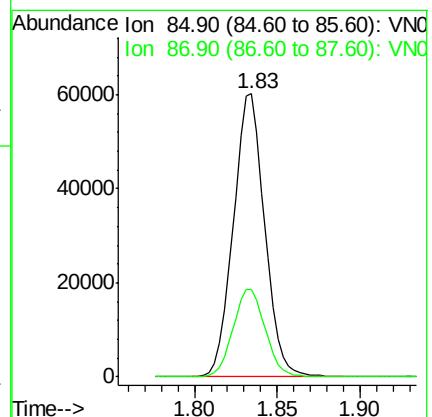
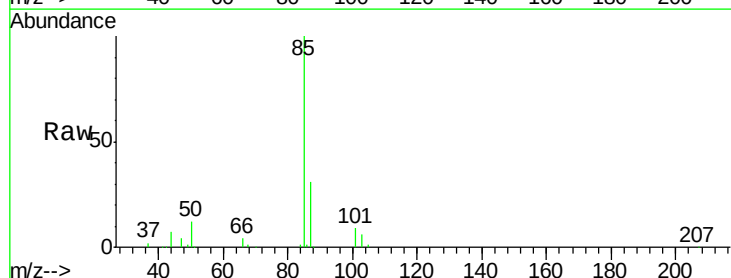
Acq: 7 Apr 2020 19:50

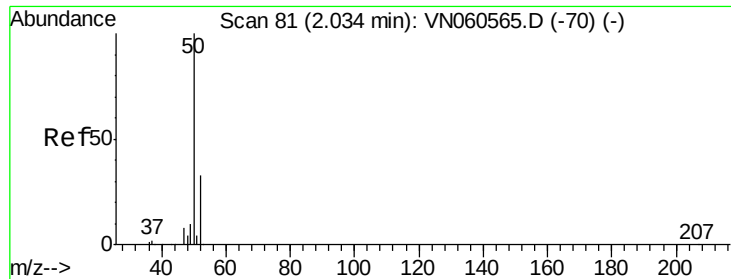
Tgt Ion: 85 Resp: 79184

Ion Ratio Lower Upper

85 100

87 30.9 16.2 48.5





#3

Chloromethane

Concen: 40.770 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060889.D

Acq: 7 Apr 2020 19:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 141393

Ion Ratio Lower Upper

50 100

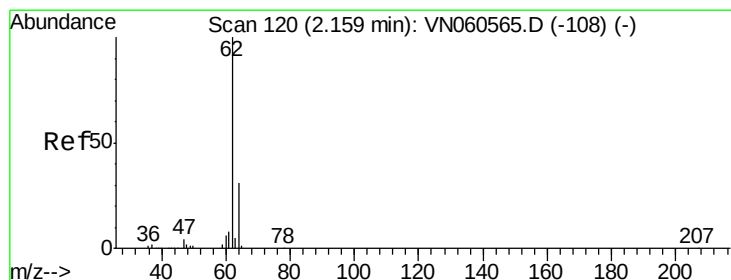
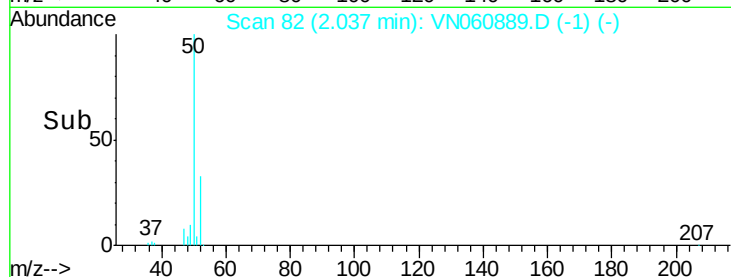
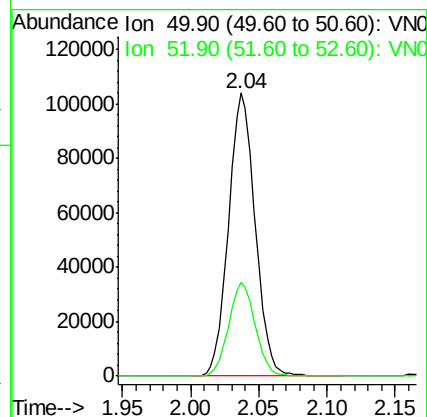
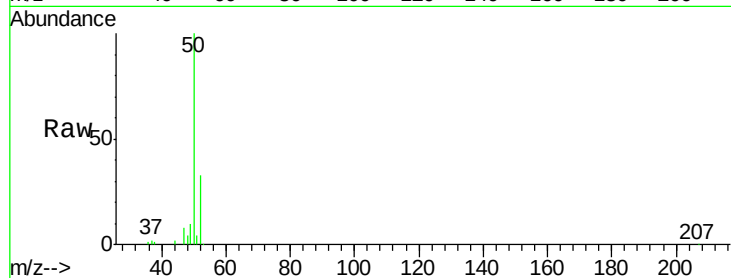
52 33.2 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 41.767 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN060889.D

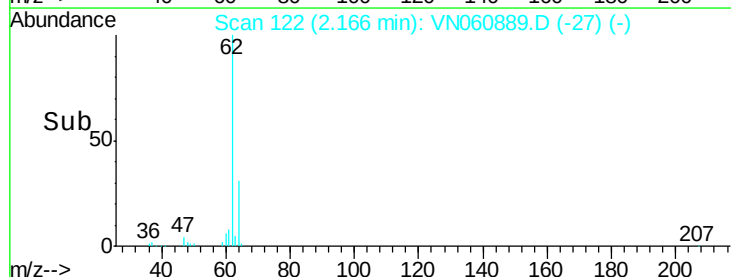
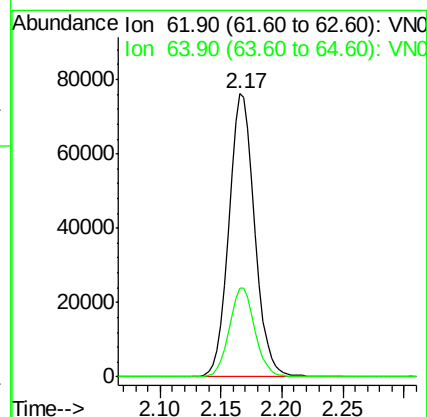
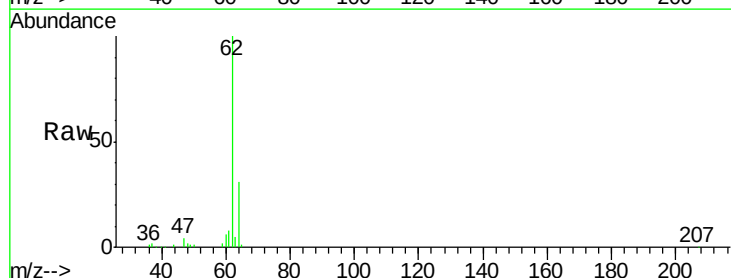
Acq: 7 Apr 2020 19:50

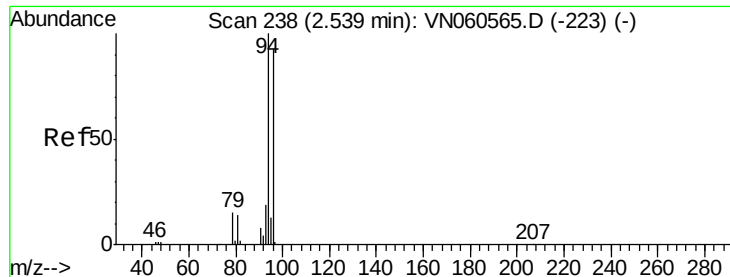
Tgt Ion: 62 Resp: 113296

Ion Ratio Lower Upper

62 100

64 31.4 24.7 37.1





#5

Bromomethane

Concen: 48.913 ug/l

RT: 2.54 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN060889.D

Acq: 7 Apr 2020 19:50

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ClientSampleId :

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Tot Ion: 94 Resp: 57276

Ion Ratio Lower Upper

94 100

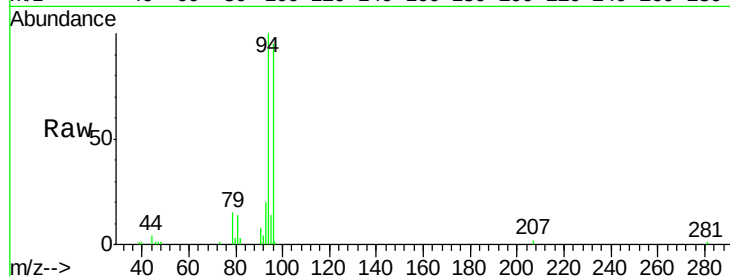
96 95.0 74.6 112.0

Manual Integrations

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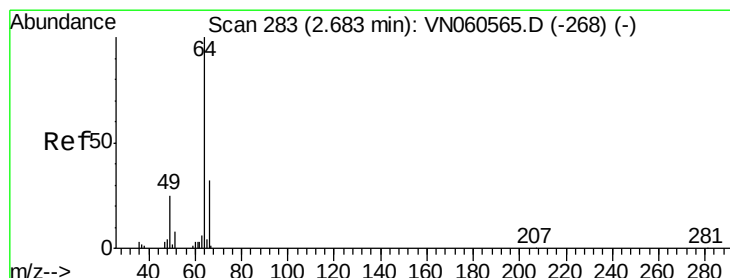
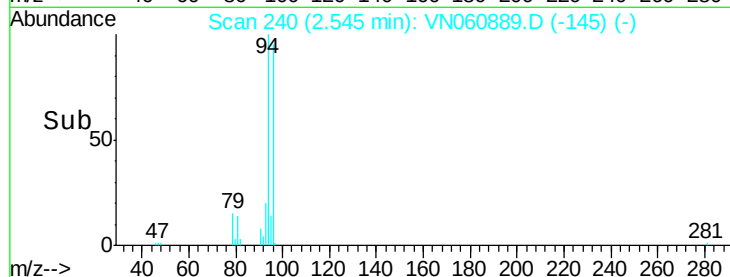
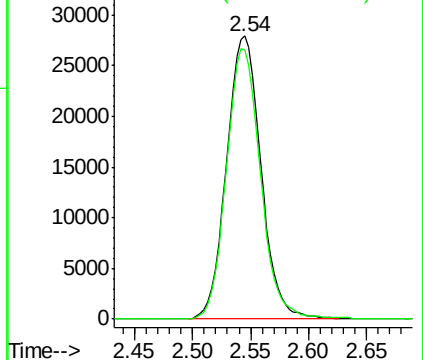
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 46.637 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060889.D

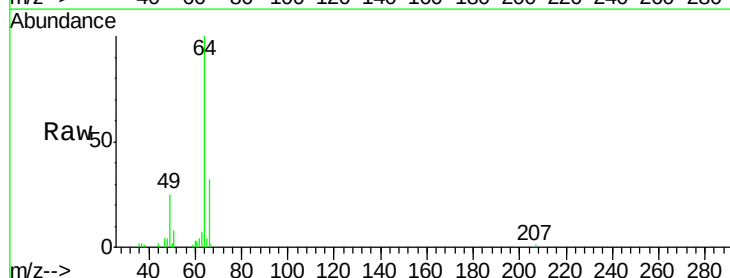
Acq: 7 Apr 2020 19:50

Tgt Ion: 64 Resp: 72875

Ion Ratio Lower Upper

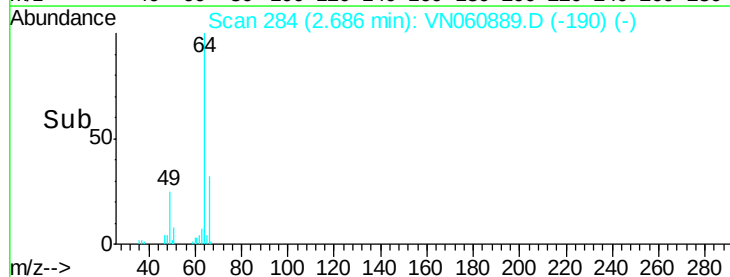
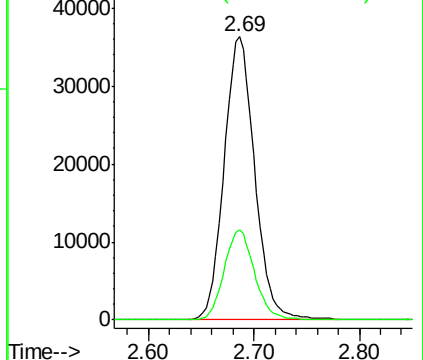
64 100

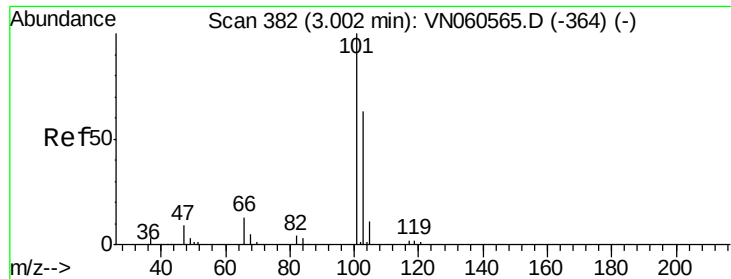
66 31.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

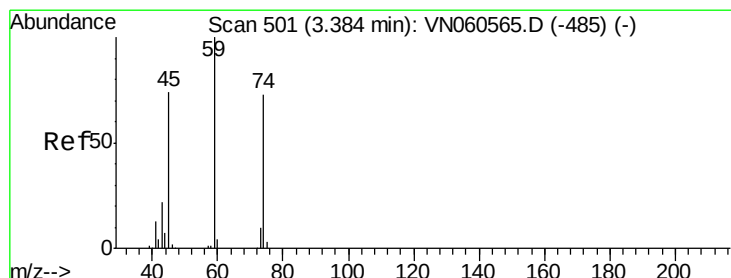
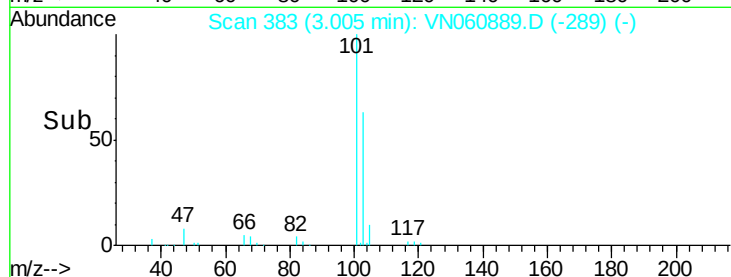
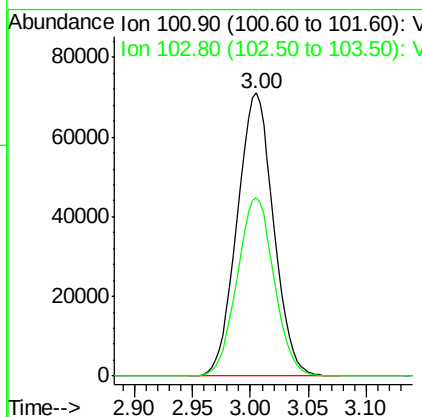
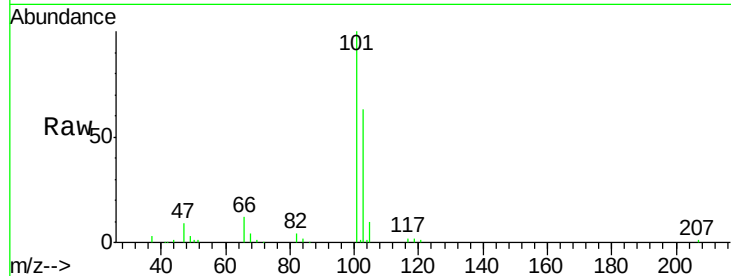
Trichlorofluoromethane
 Concen: 46.503 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN060889.D
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Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	50.6	76.0

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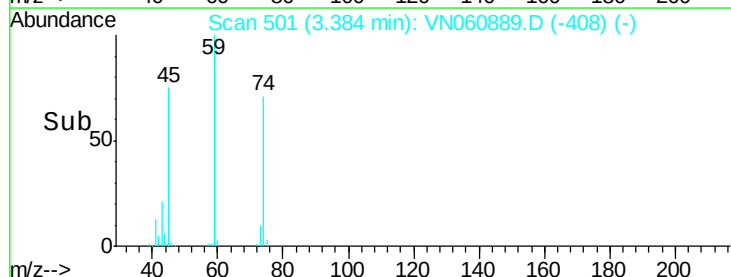
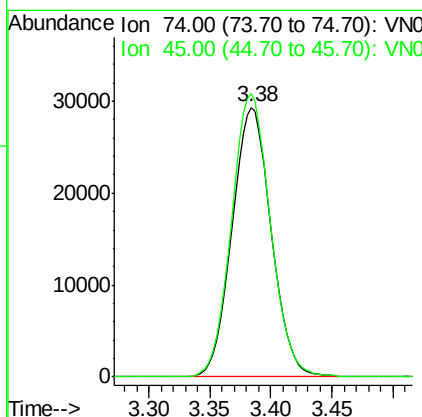
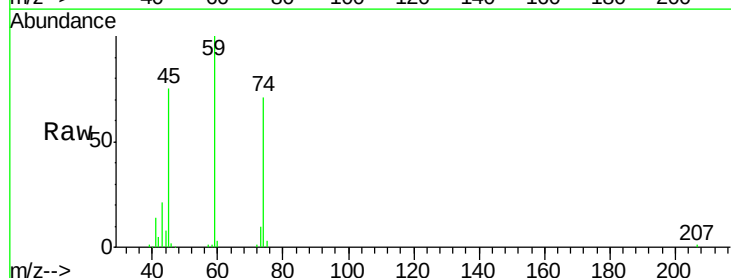
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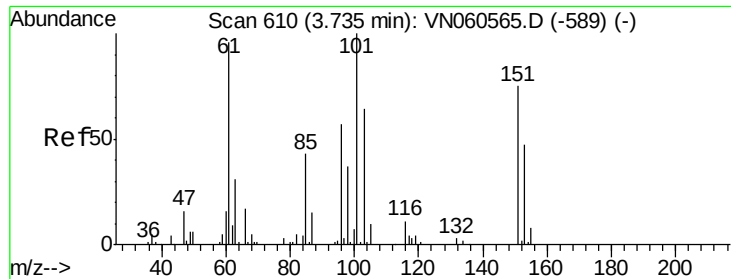


#8

Diethyl Ether
 Concen: 48.334 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060889.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.2	51.3	153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.774 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN060889.D

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MSVOA_N

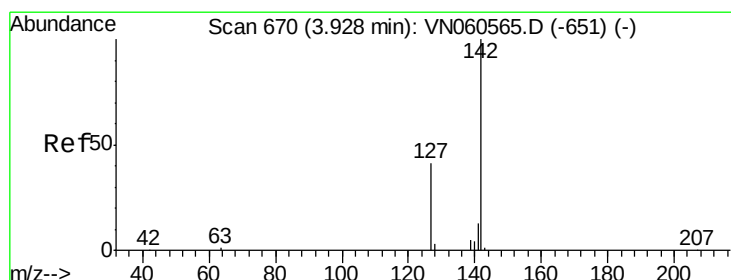
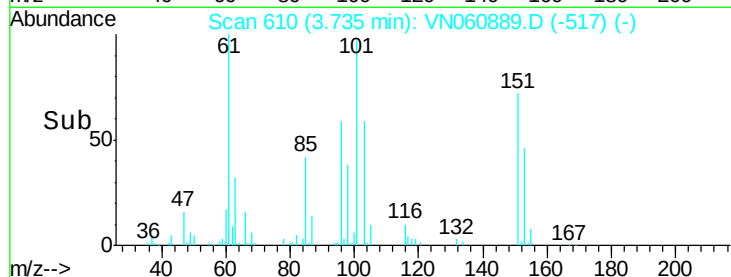
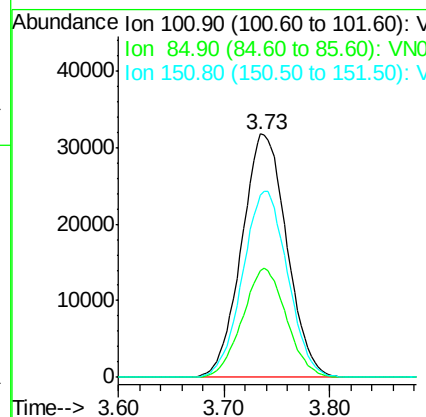
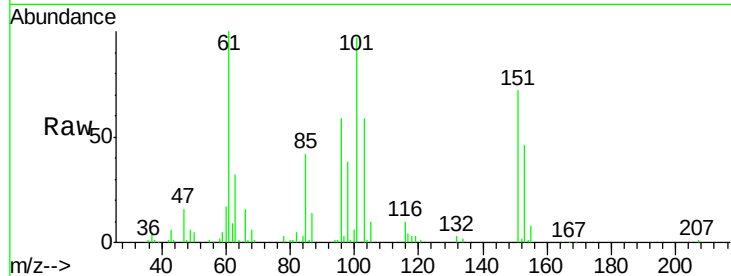
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	94437
Ion Ratio	Lower	Upper	
101	100		
85	43.4	35.6	53.4
151	76.1	61.4	92.2

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4/8/2020 9:38:59 AM



#10

Methyl Iodide

Concen: 41.796 ug/l

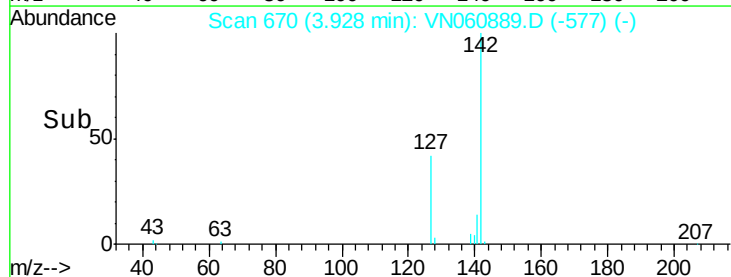
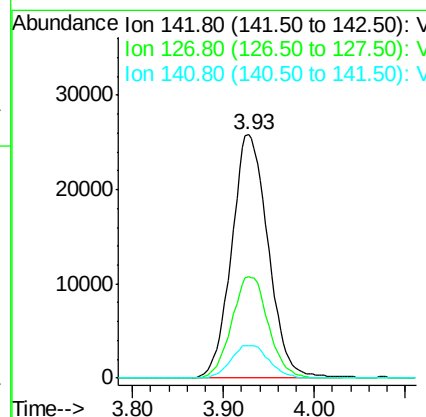
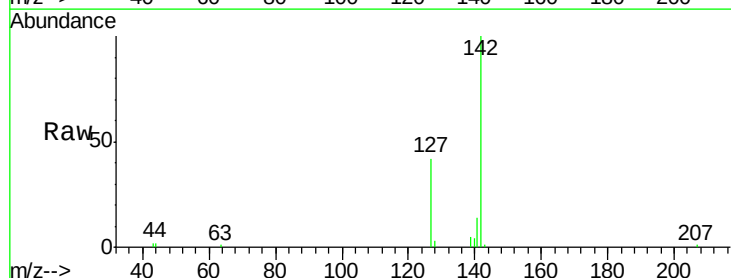
RT: 3.93 min Scan# 670

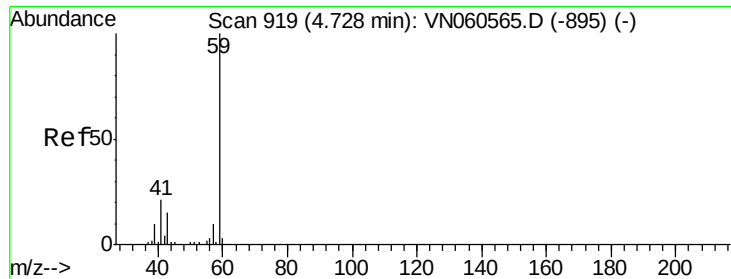
Delta R.T. -0.00 min

Lab File: VN060889.D

Acq: 7 Apr 2020 19:50

Tgt Ion:	142	Resp:	72011
Ion Ratio	Lower	Upper	
142	100		
127	41.6	33.5	50.3
141	13.9	11.0	16.6





#11

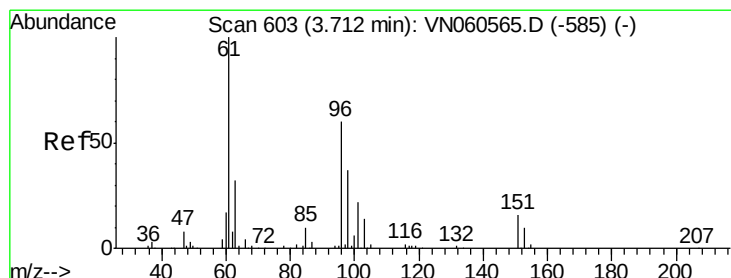
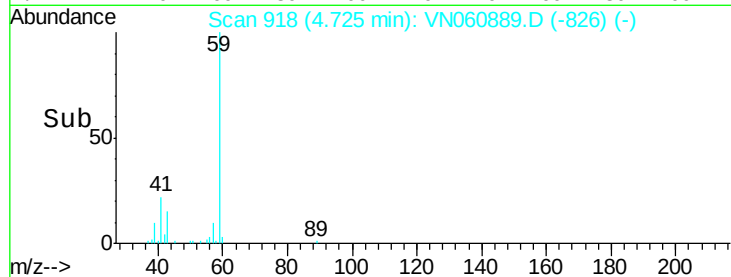
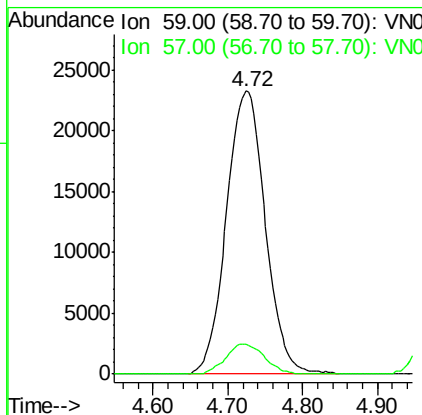
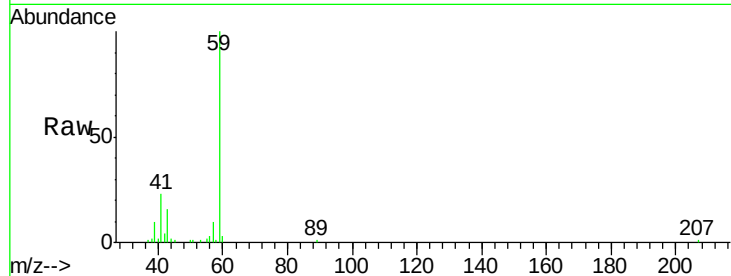
Tert butyl alcohol
Concen: 216.352 ug/l
RT: 4.72 min Scan# 918
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.4

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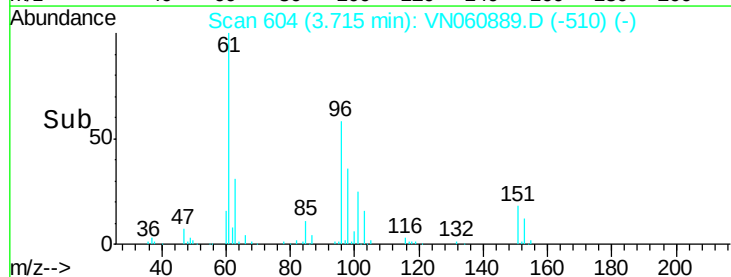
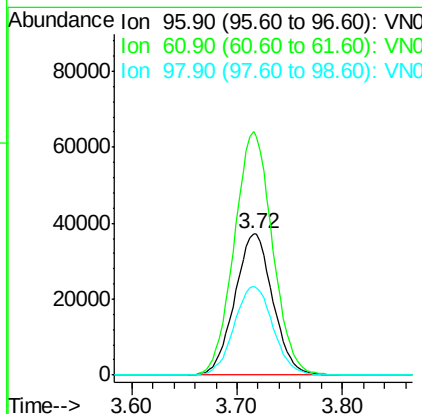
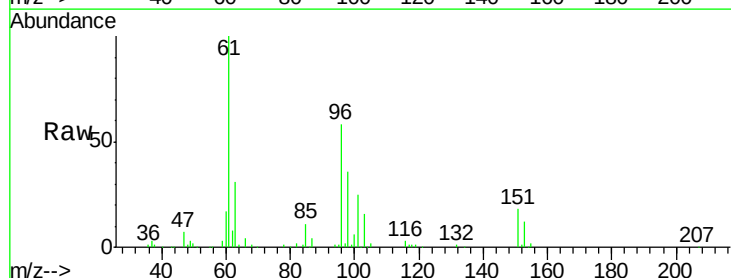
MMDadoda
4/8/2020 9:38:59 AM

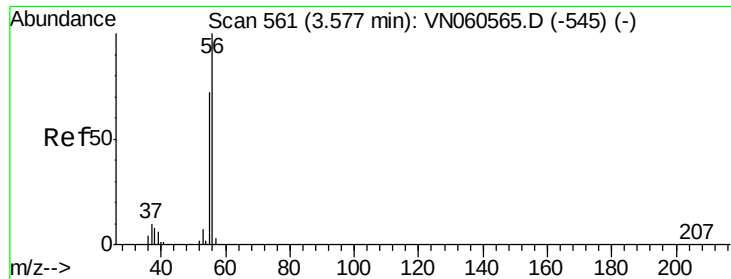


#12

1,1-Dichloroethene
Concen: 44.811 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.8	134.1	201.1
98	62.6	49.9	74.9





#13

Acrolein

Concen: 204.827 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060889.D

Acq: 7 Apr 2020 19:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 87955

Ion Ratio Lower Upper

56 100

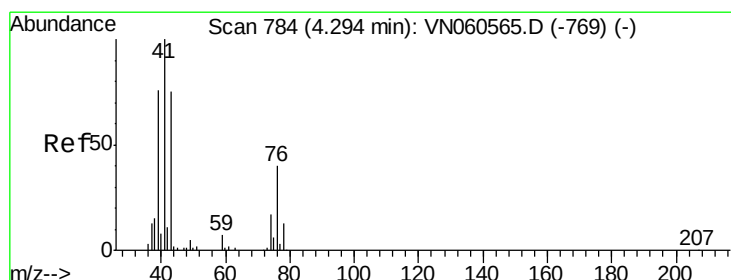
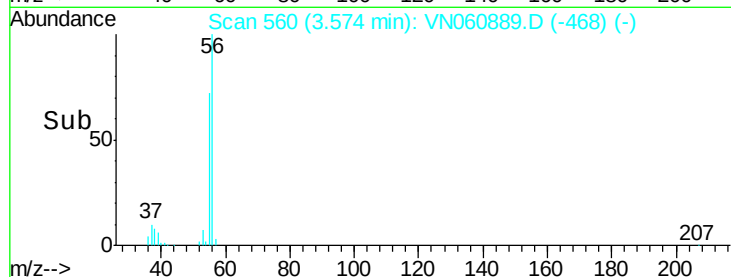
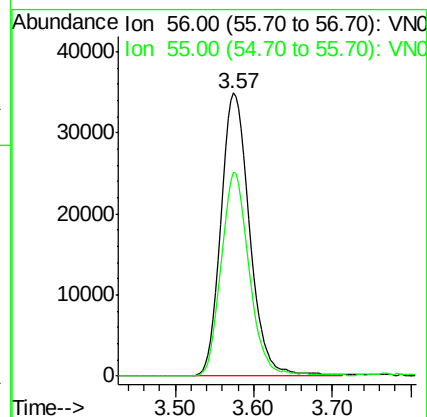
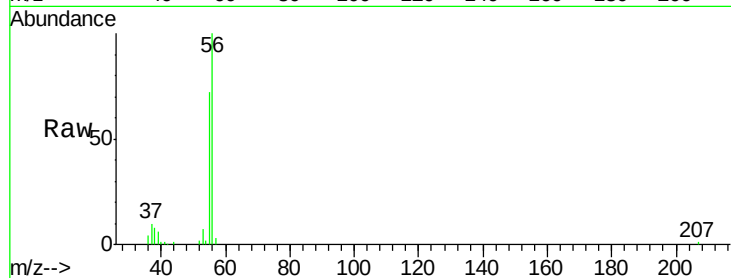
55 69.7 56.7 85.1

Manual Integrations

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MMDadoda

4/8/2020 9:38:59 AM



#14

Allyl chloride

Concen: 47.423 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060889.D

Acq: 7 Apr 2020 19:50

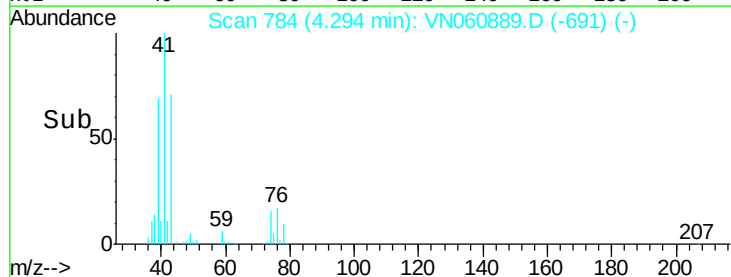
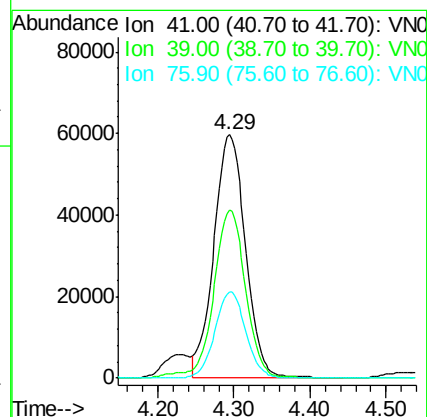
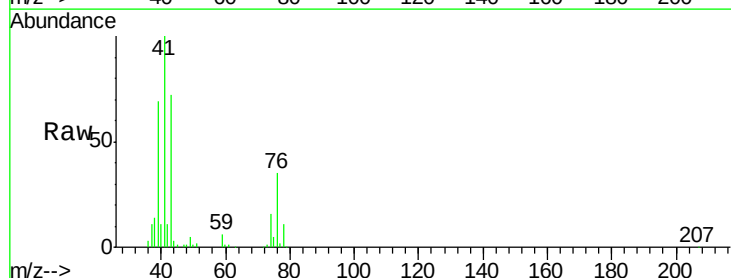
Tgt Ion: 41 Resp: 173303

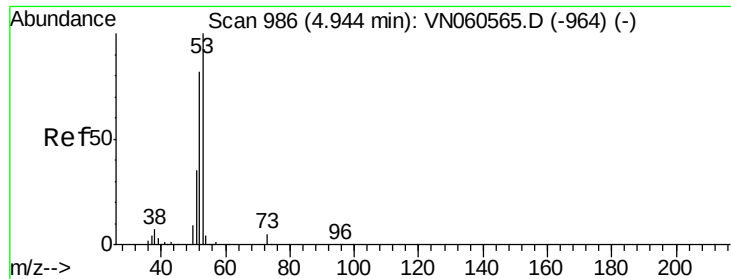
Ion Ratio Lower Upper

41 100

39 69.7 57.8 86.8

76 34.4 28.6 43.0





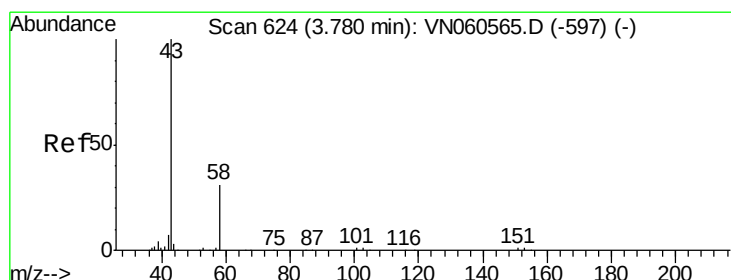
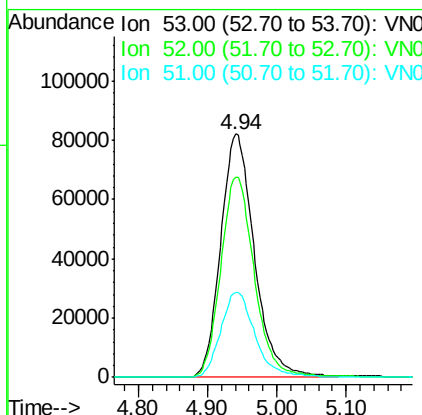
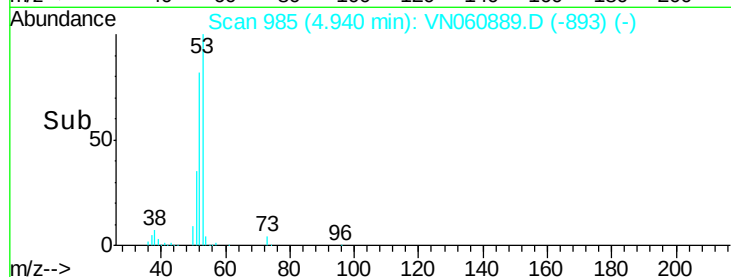
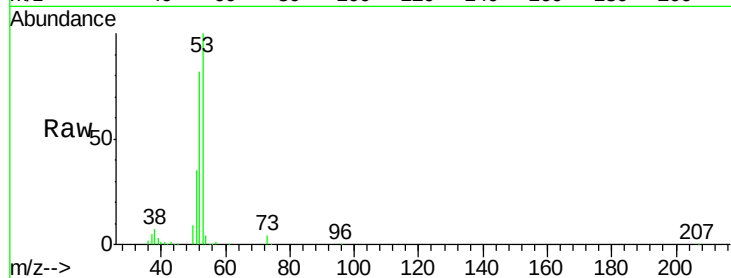
#15
 Acrylonitrile
 Concen: 244.365 ug/l
 RT: 4.94 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: VN060889.D
 Acq: 7 Apr 2020 19:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	278414
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.2	99.4
51	35.6	28.7	43.1

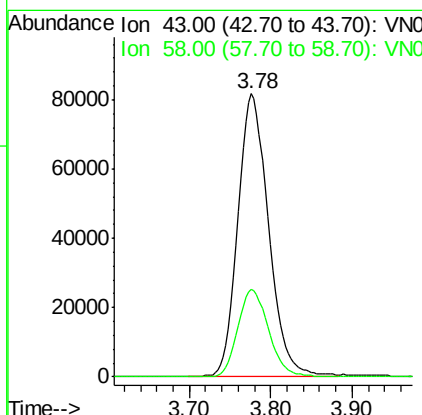
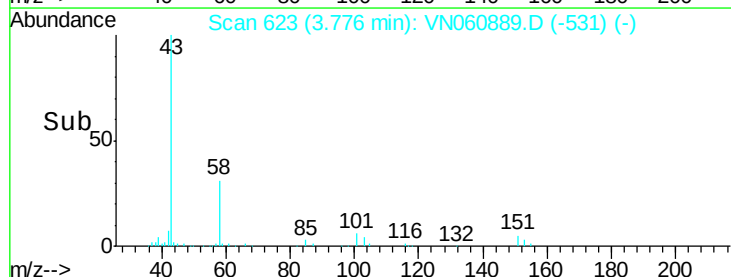
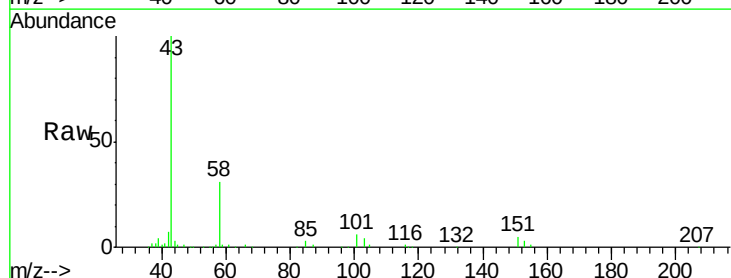
Manual Integrations
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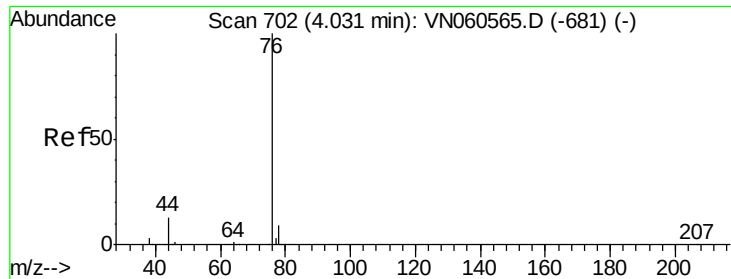
MMDadoda
 4/8/2020 9:38:59 AM



#16
 Acetone
 Concen: 229.249 ug/l
 RT: 3.78 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: VN060889.D
 Acq: 7 Apr 2020 19:50

Tgt Ion:	43	Resp:	213934
Ion	Ratio	Lower	Upper
43	100		
58	30.9	25.1	37.7





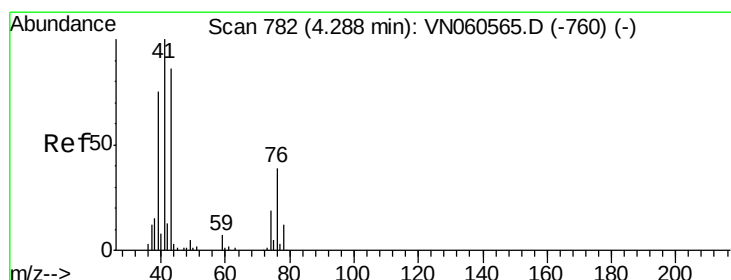
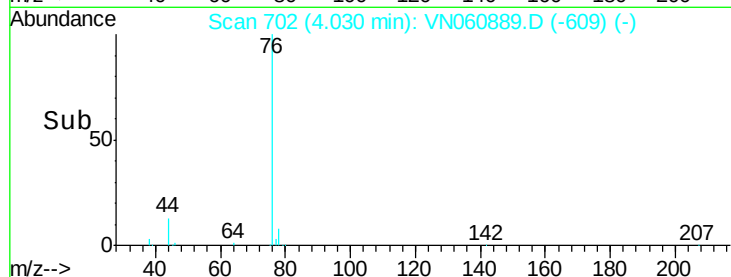
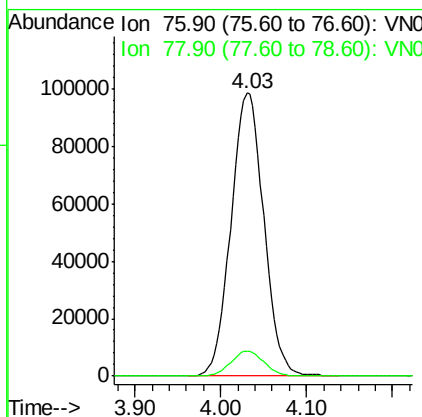
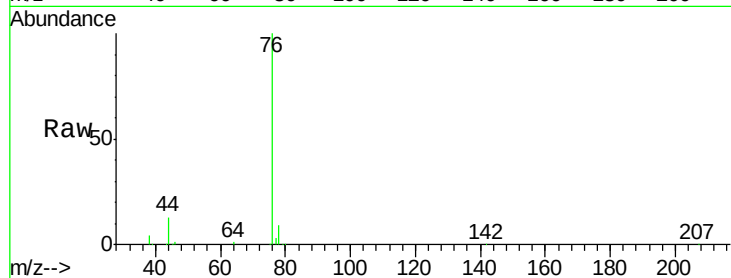
#17
Carbon Disulfide
Concen: 41.363 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.2	10.8

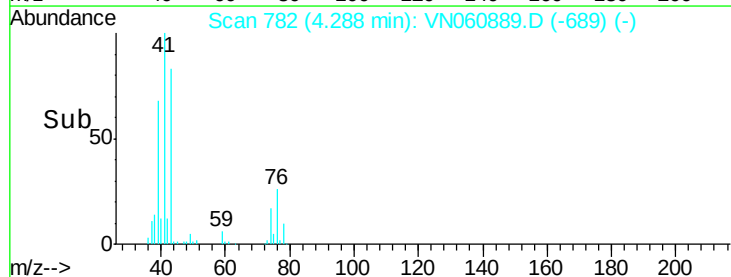
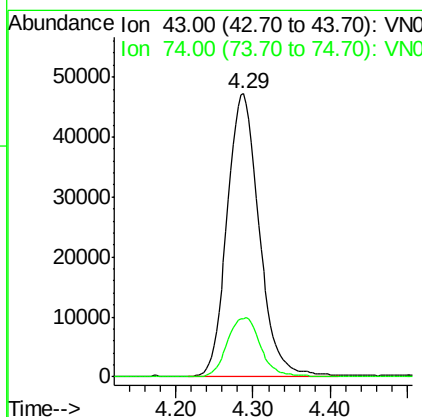
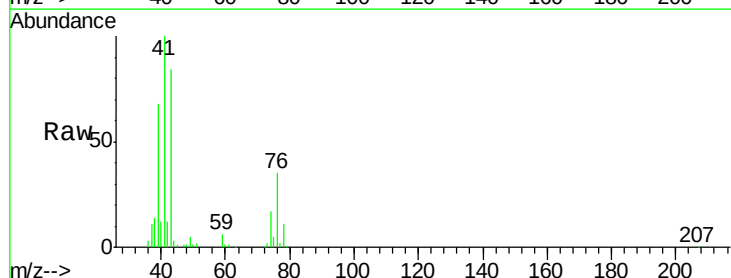
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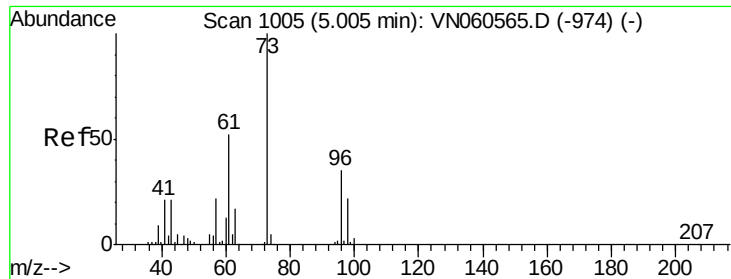
MMDadoda
4/8/2020 9:38:59 AM



#18
Methyl Acetate
Concen: 51.916 ug/l
RT: 4.29 min Scan# 782
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.6	17.5	26.3





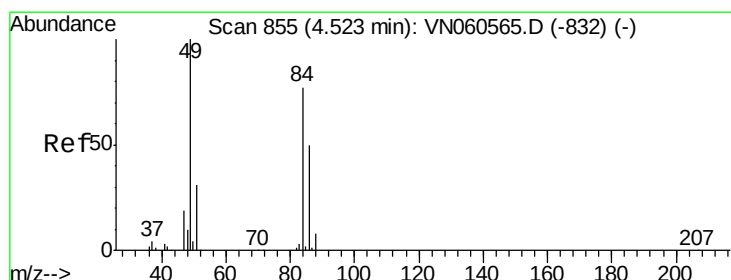
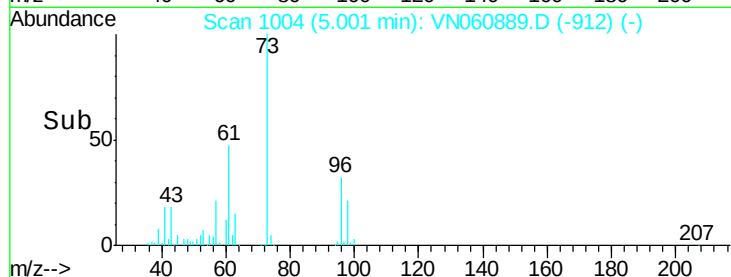
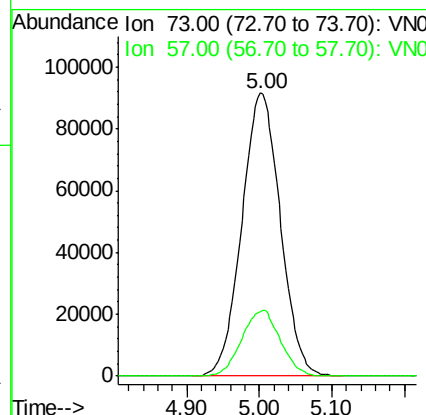
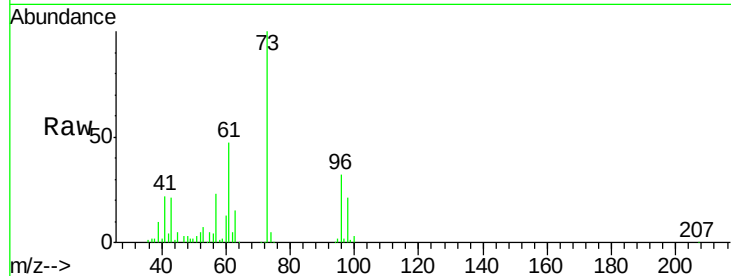
#19
Methyl tert-butyl Ether
Concen: 47.353 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 338279
Ion Ratio Lower Upper
73 100
57 22.9 17.5 26.3

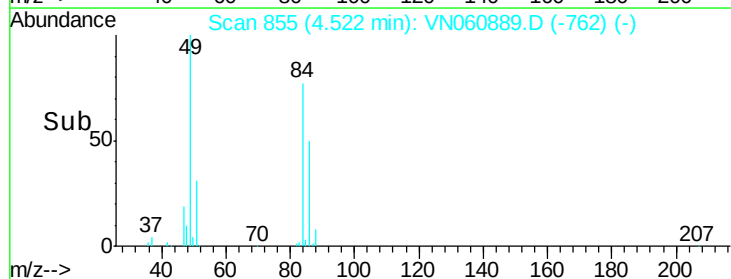
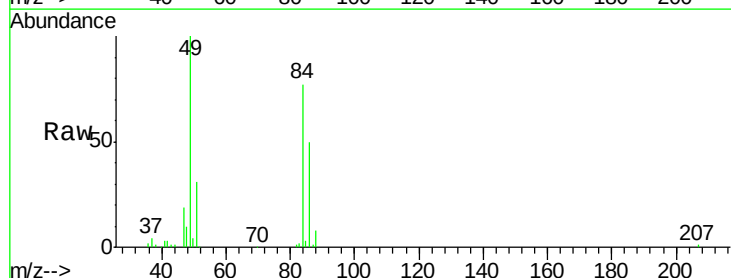
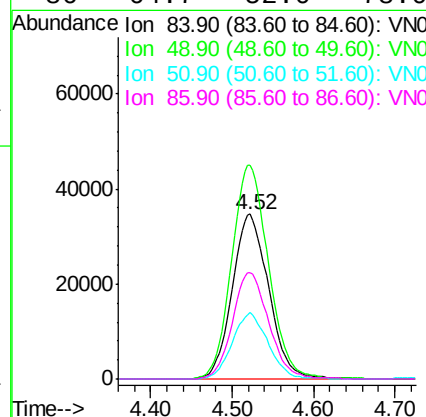
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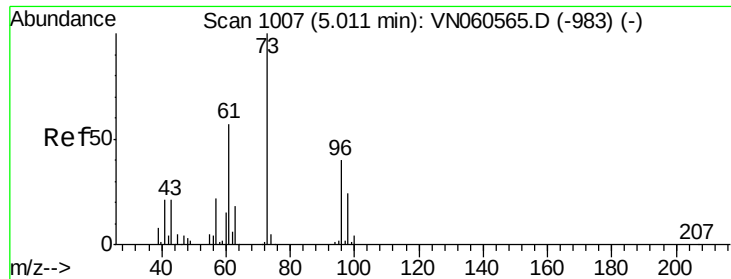
MMDadoda
4/8/2020 9:38:59 AM



#20
Methylene Chloride
Concen: 47.048 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Tgt Ion: 84 Resp: 108003
Ion Ratio Lower Upper
84 100
49 129.7 103.3 154.9
51 40.1 31.6 47.4
86 64.7 52.0 78.0





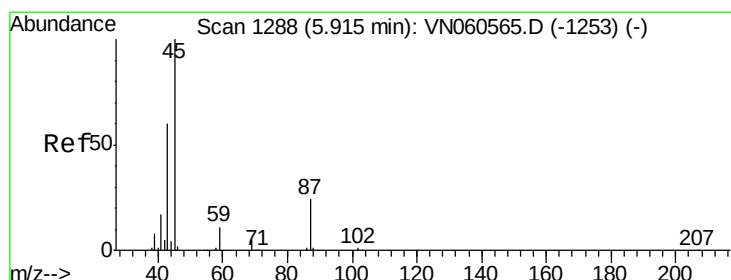
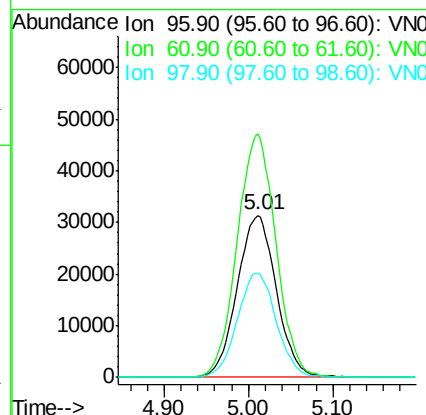
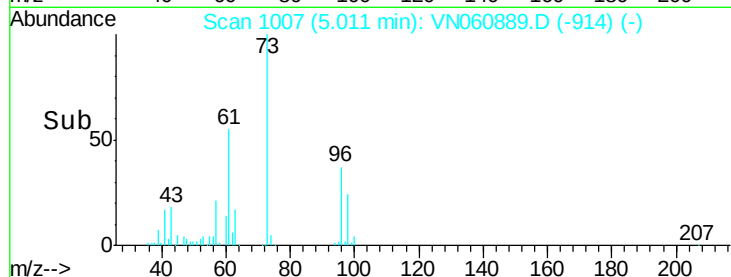
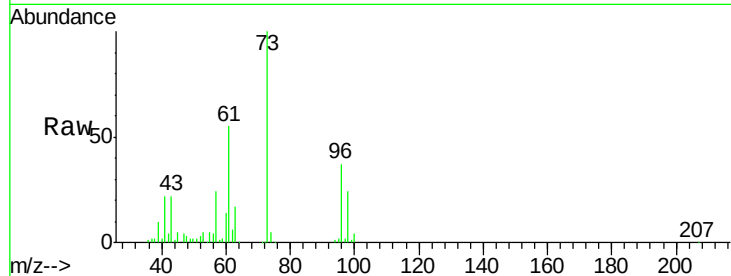
#21
trans-1,2-Dichloroethene
Concen: 45.680 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.3	114.4	171.6
98	64.5	48.4	72.6

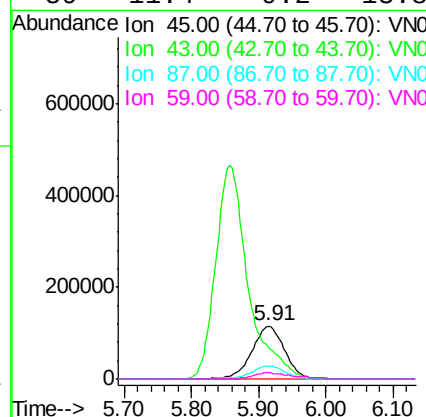
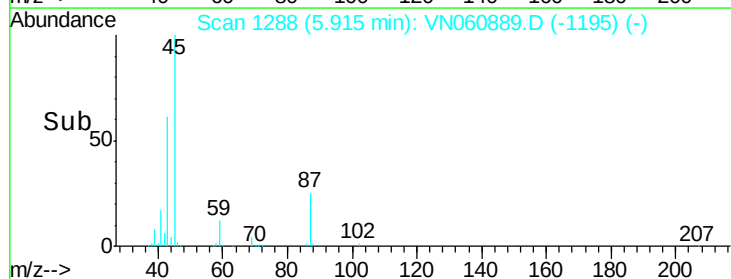
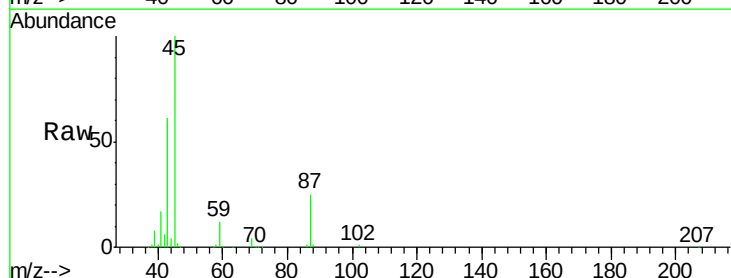
Manual Integrations
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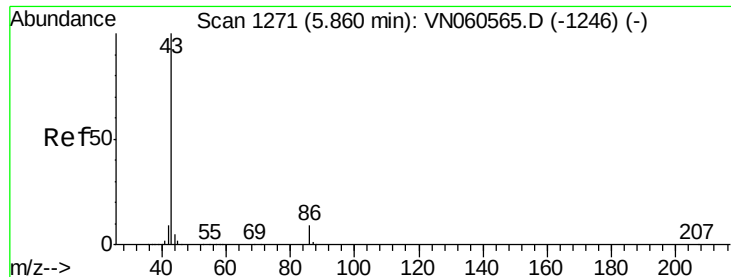
MMDadoda
4/8/2020 9:38:59 AM



#22
Diisopropyl ether
Concen: 50.143 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.3	49.8	74.8
87	25.1	20.1	30.1
59	11.4	9.2	13.8





#23

Vinyl Acetate

Concen: 248.527 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060889.D

Acq: 7 Apr 2020 19:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1565563

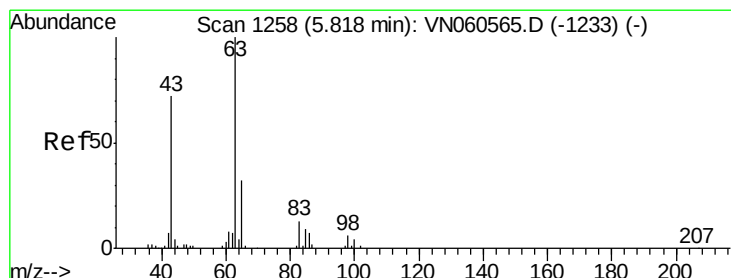
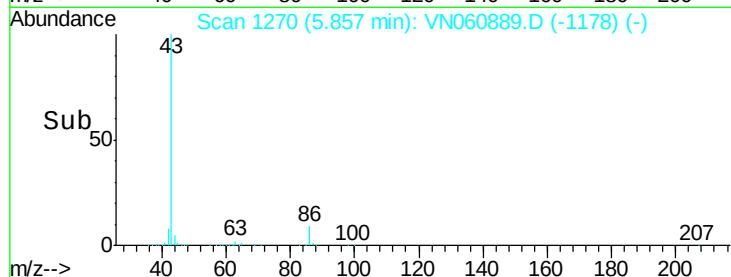
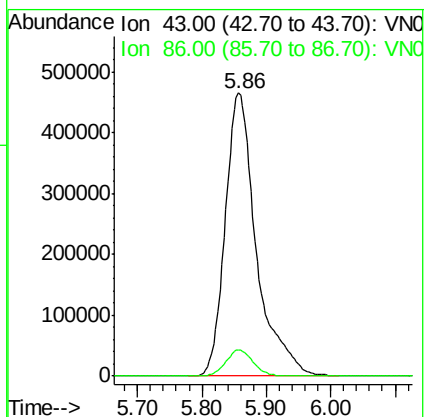
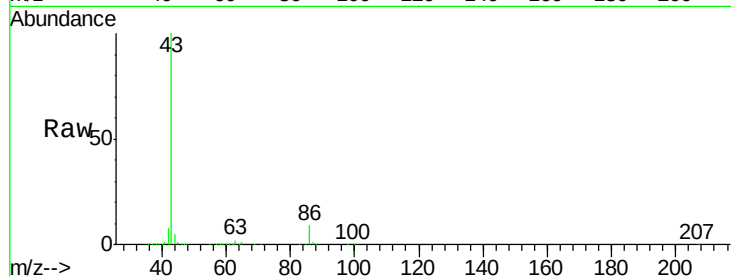
Ion Ratio Lower Upper

43 100

86 9.3 7.6 11.4

Manual Integrations
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MMDadoda
4/8/2020 9:38:59 AM



#24

1,1-Dichloroethane

Concen: 48.615 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060889.D

Acq: 7 Apr 2020 19:50

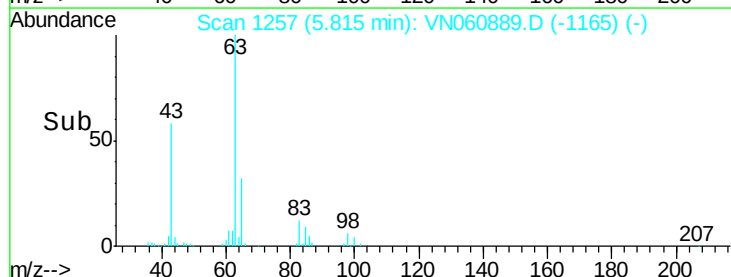
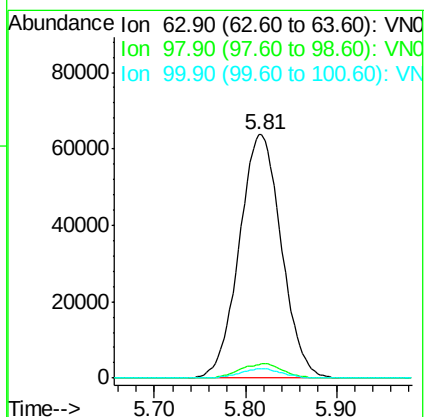
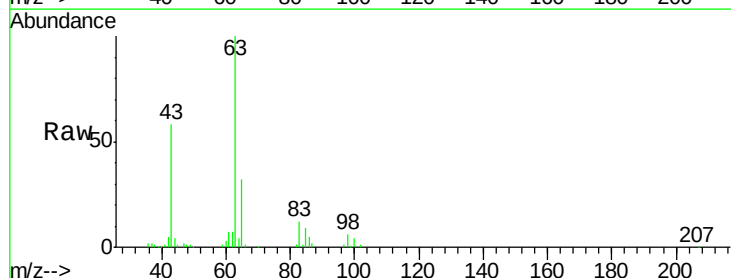
Tgt Ion: 63 Resp: 204615

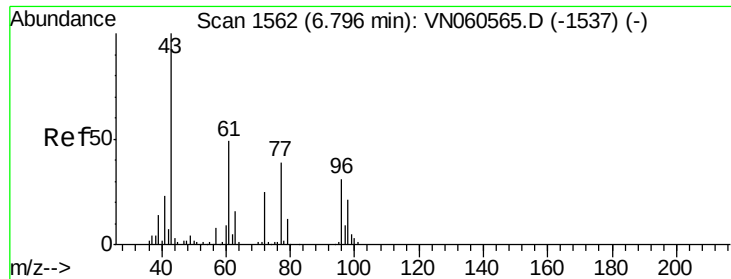
Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.7

100 3.8 1.8 5.5





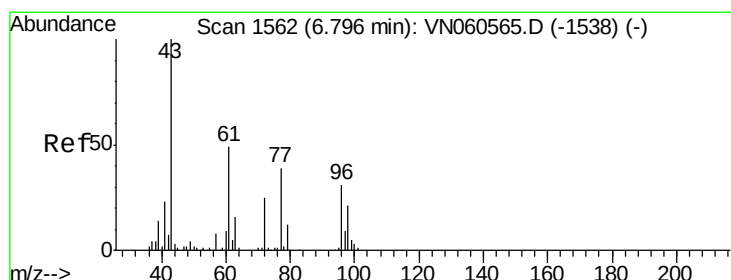
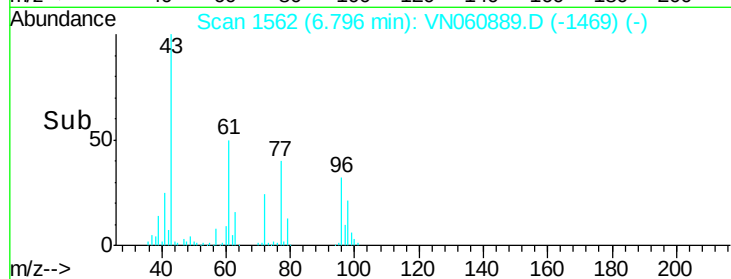
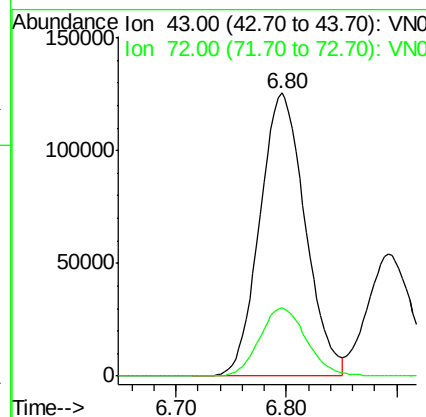
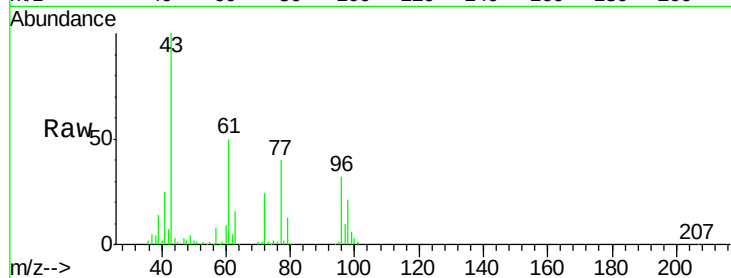
#25
2-Butanone
Concen: 236.912 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 357753
Ion Ratio Lower Upper
43 100
72 24.2 20.4 30.6

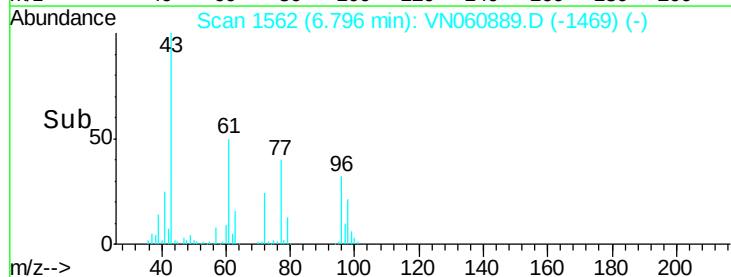
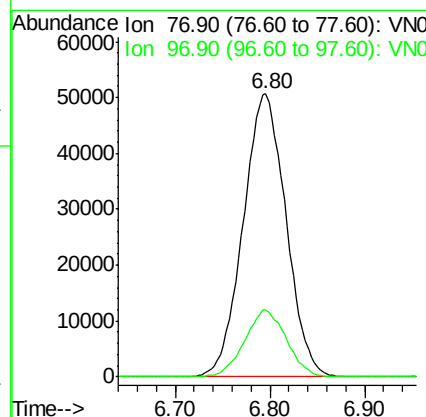
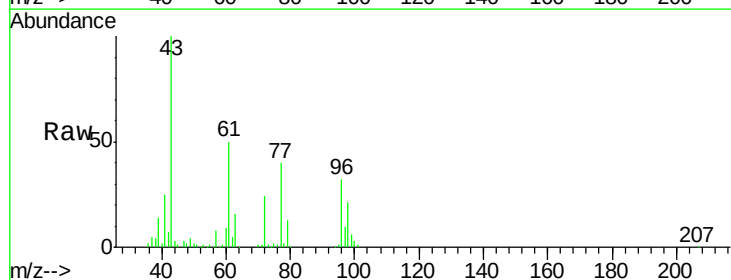
Manual Integrations
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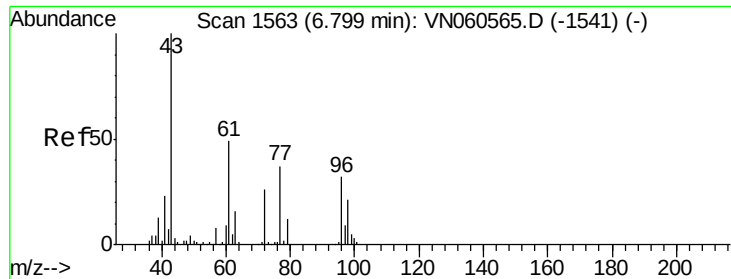
MMDadoda
4/8/2020 9:38:59 AM



#26
2,2-Dichloropropane
Concen: 48.068 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Tgt Ion: 77 Resp: 159176
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 47.780 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060889.D

Acq: 7 Apr 2020 19:50

Instrument :

MSVOA_N

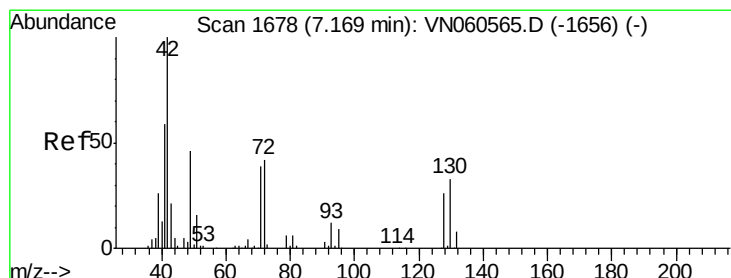
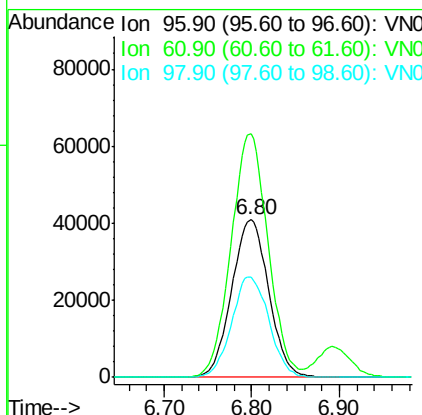
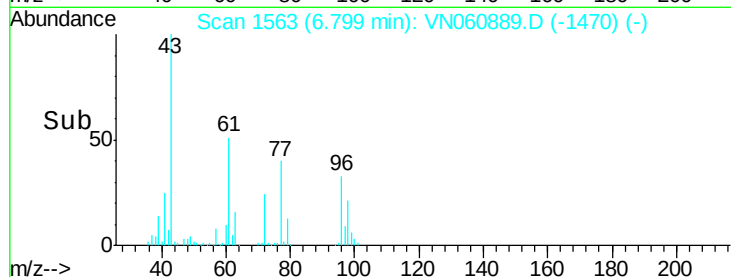
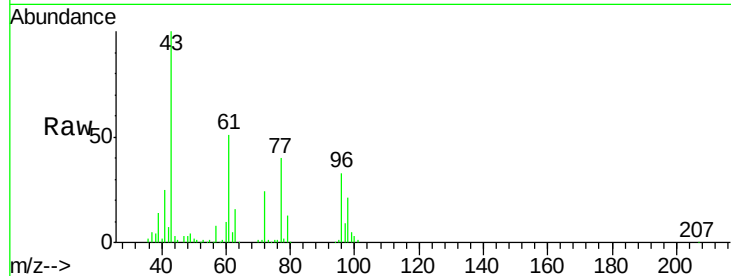
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	120237
Ion	Ratio	Lower	Upper
96	100		
61	154.0	0.0	305.6
98	63.8	0.0	127.6

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#28

Bromochloromethane

Concen: 50.908 ug/l

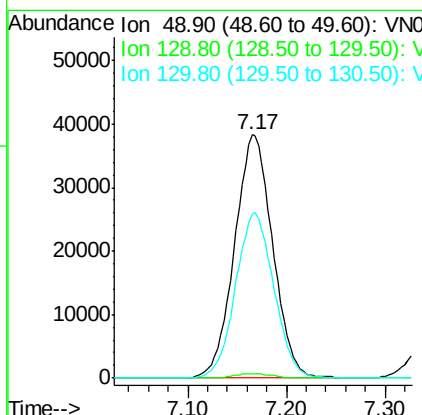
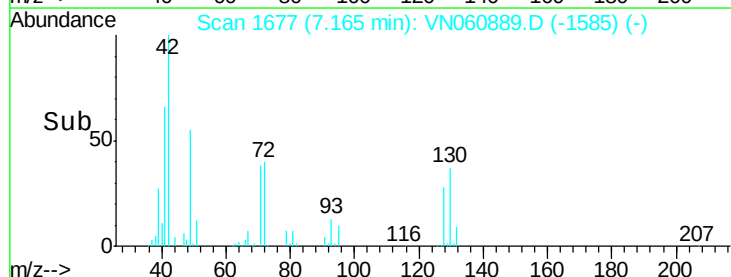
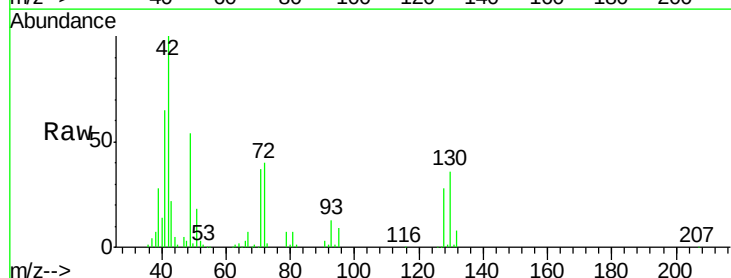
RT: 7.17 min Scan# 1677

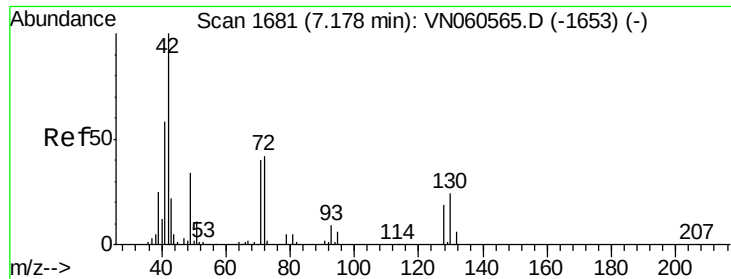
Delta R.T. -0.00 min

Lab File: VN060889.D

Acq: 7 Apr 2020 19:50

Tgt Ion:	49	Resp:	102515
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	68.1	55.0	82.4





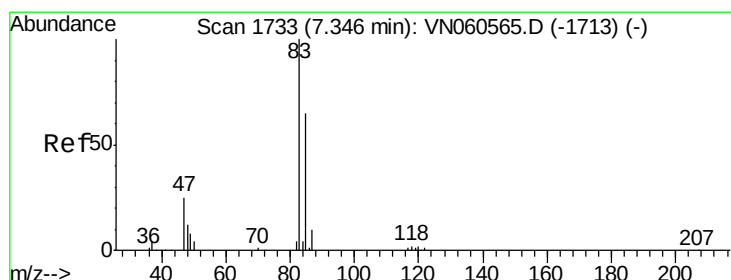
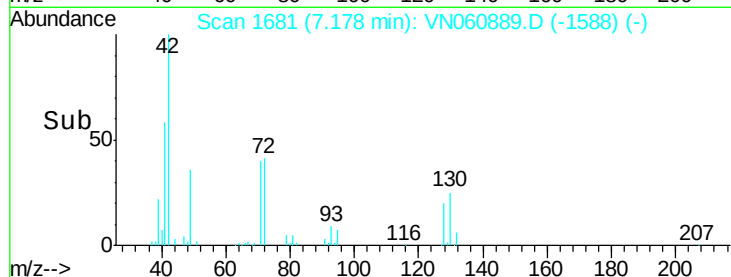
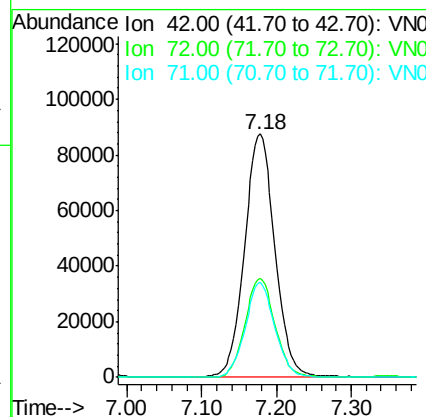
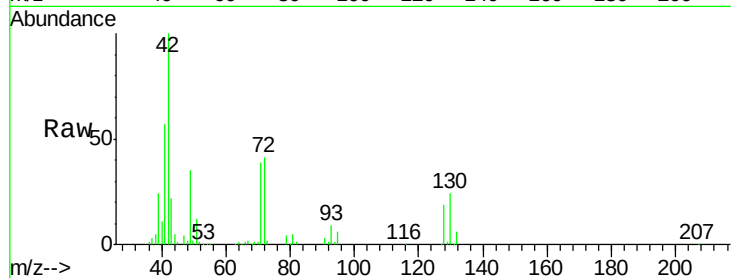
#29
Tetrahydrofuran
Concen: 231.363 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.2	33.2	49.8
71	37.9	31.1	46.7

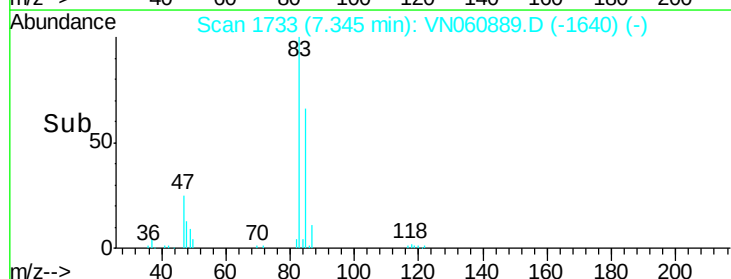
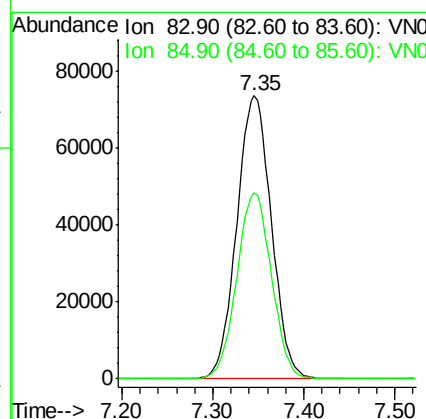
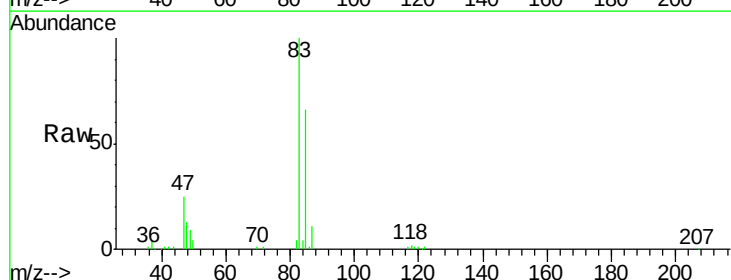
Manual Integrations
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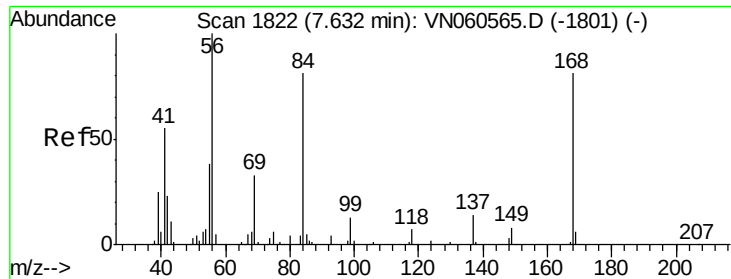
MMDadoda
4/8/2020 9:38:59 AM



#30
Chloroform
Concen: 48.179 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.8	77.8





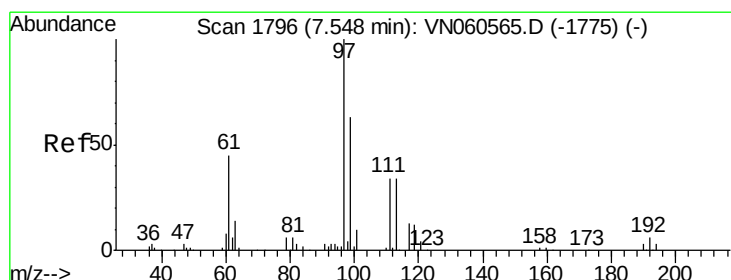
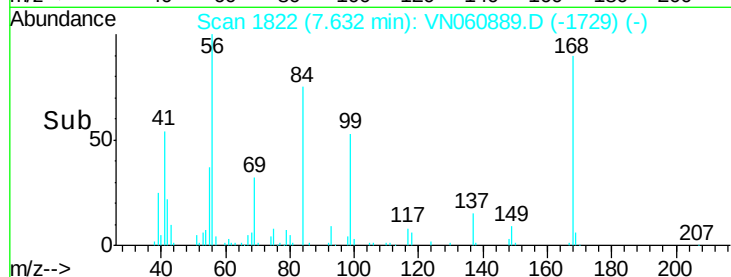
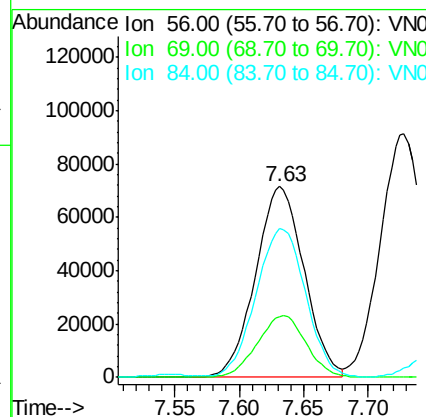
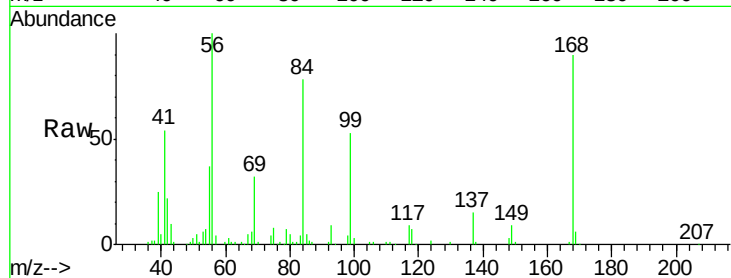
#31
Cyclohexane
Concen: 44.252 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.9	26.6	40.0
84	76.9	64.3	96.5

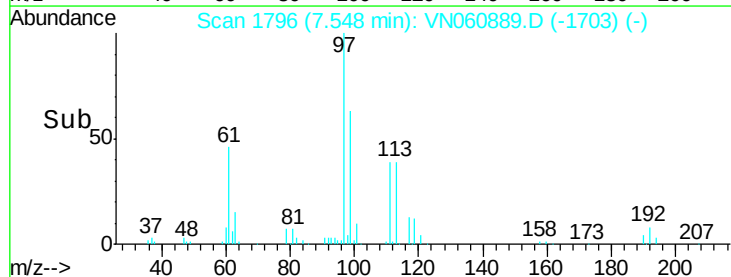
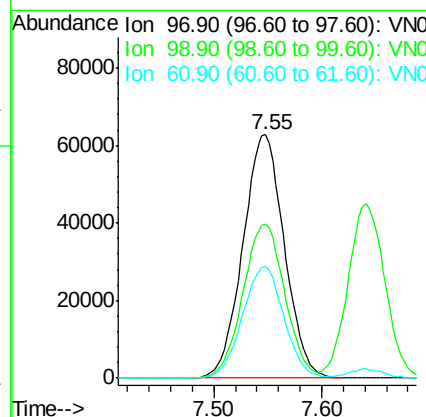
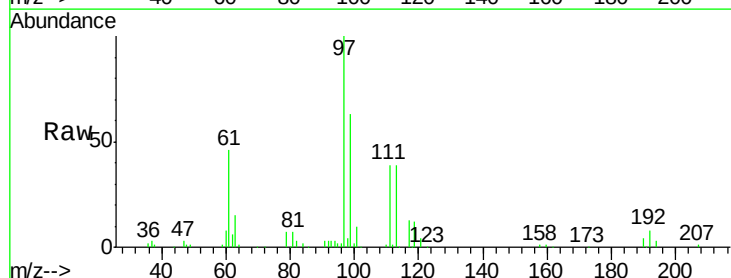
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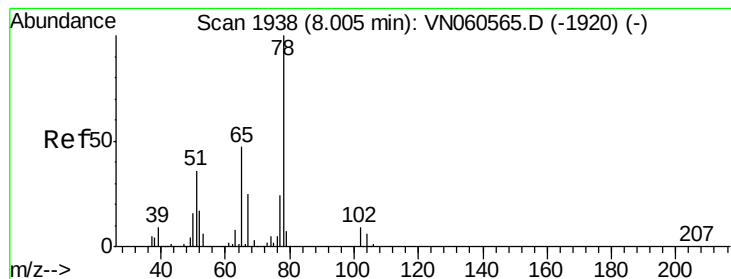
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#32
1,1,1-Trichloroethane
Concen: 48.154 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	50.6	75.8
61	45.7	36.2	54.4





#33

1,2-Dichloroethane-d4

Concen: 50.259 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060889.D

Acq: 7 Apr 2020 19:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 132407

Ion Ratio Lower Upper

65 100

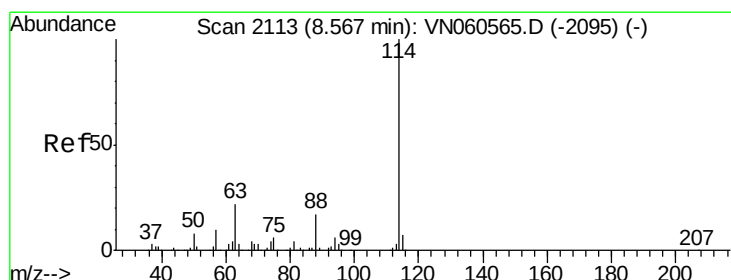
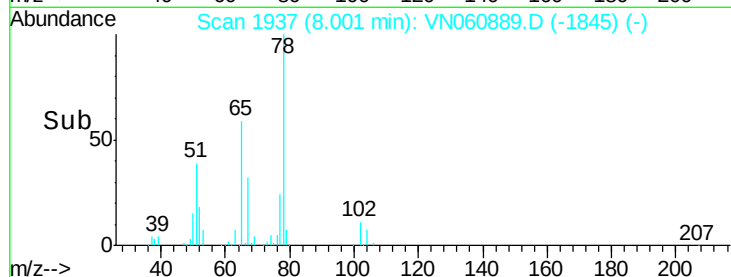
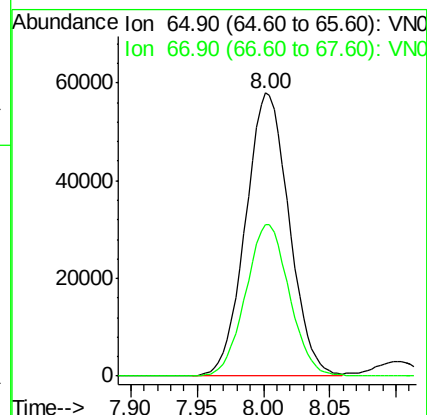
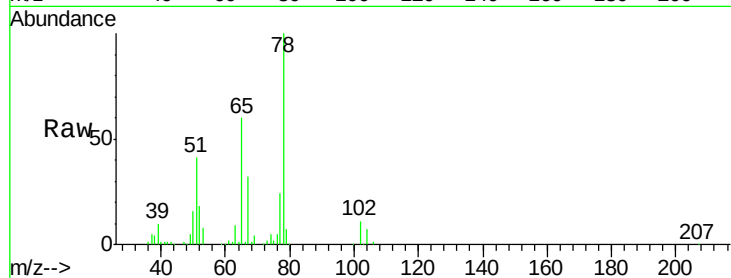
67 53.7 0.0 107.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060889.D

Acq: 7 Apr 2020 19:50

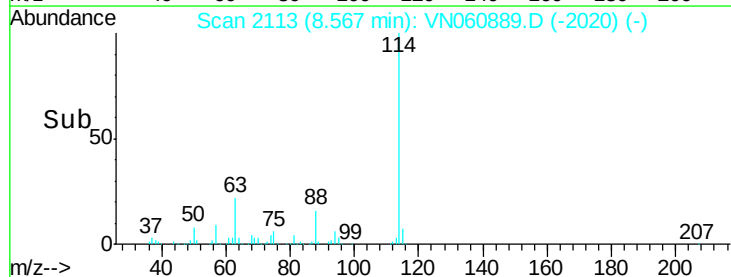
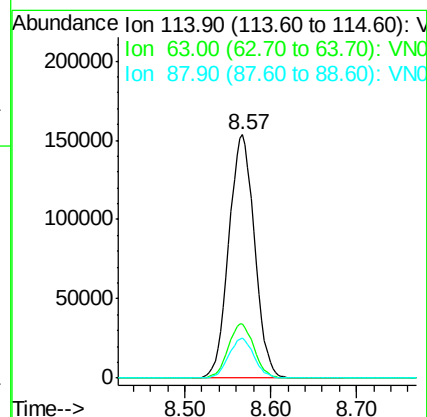
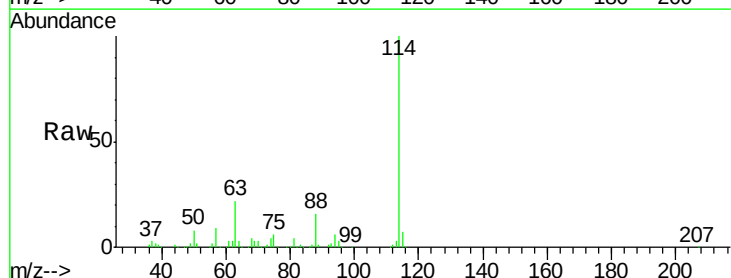
Tgt Ion: 114 Resp: 319201

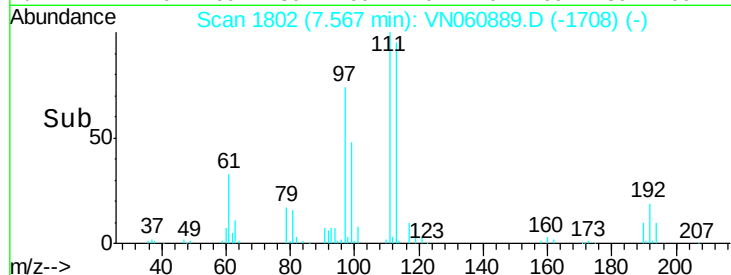
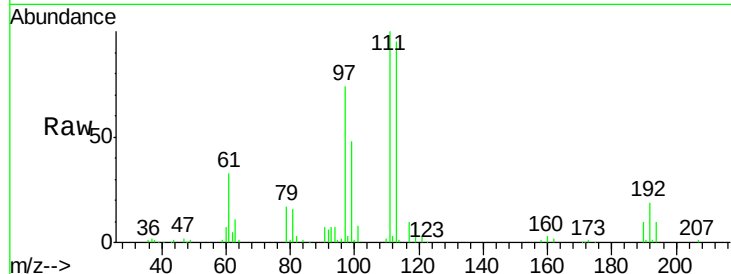
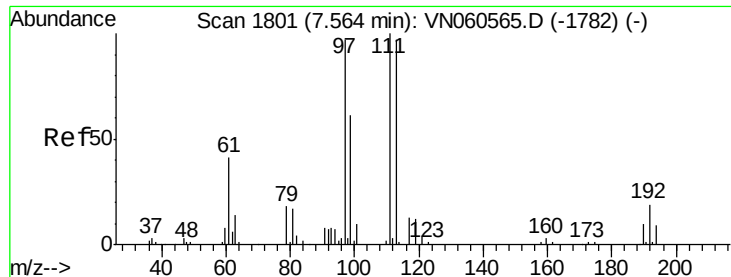
Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.8

88 16.3 0.0 33.0





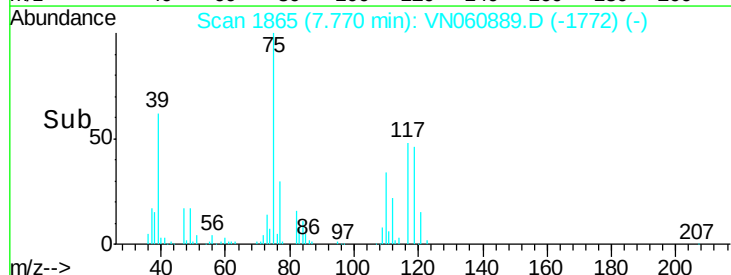
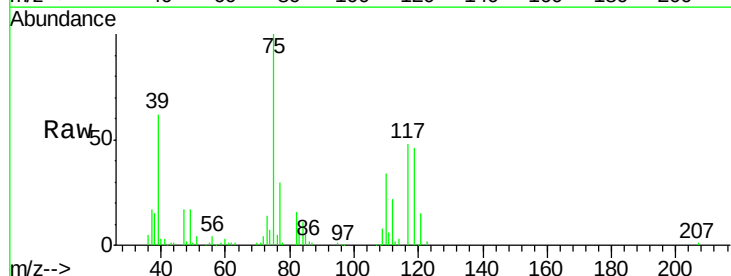
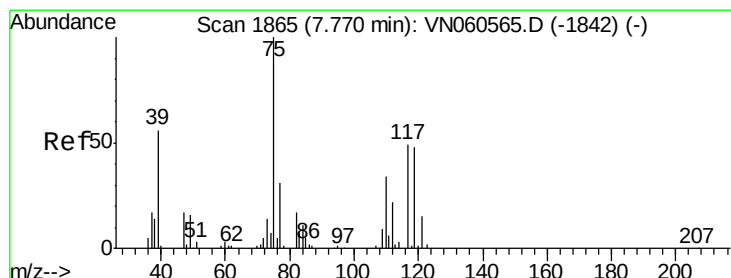
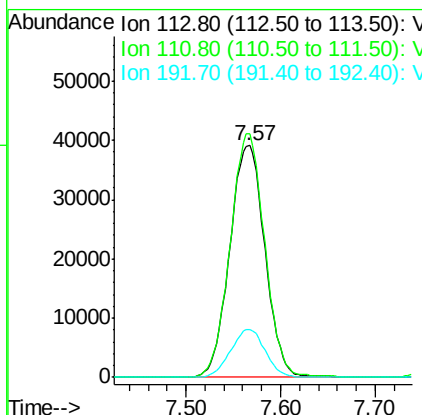
#35
 Dibromofluoromethane
 Concen: 52.429 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060889.D
 Acq: 7 Apr 2020 19:50

Tot Ion	Ratio	Resp	Lower	Upper
113	100	101193		
111	102.9	82.9	124.3	
192	20.1	15.8	23.8	

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

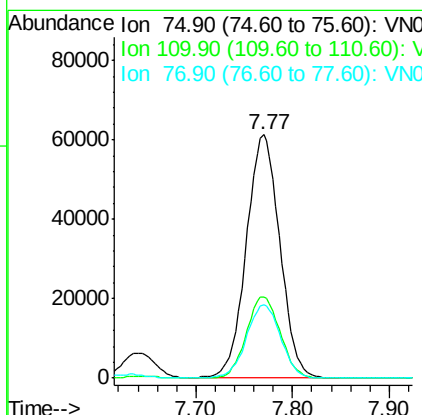
Manual Integrations
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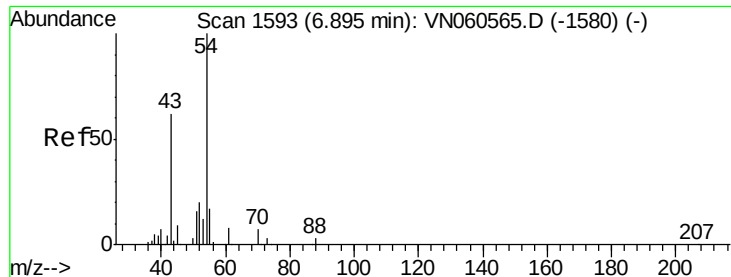
MMDadoda
 4/8/2020 9:38:59 AM



#36
 1,1-Dichloropropene
 Concen: 47.861 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN060889.D
 Acq: 7 Apr 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	147930		
110	33.6	16.9	50.6	
77	30.6	24.6	36.8	





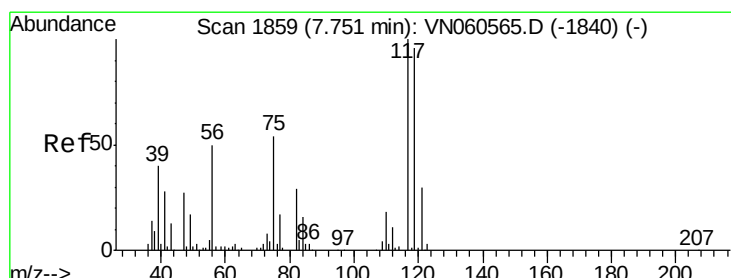
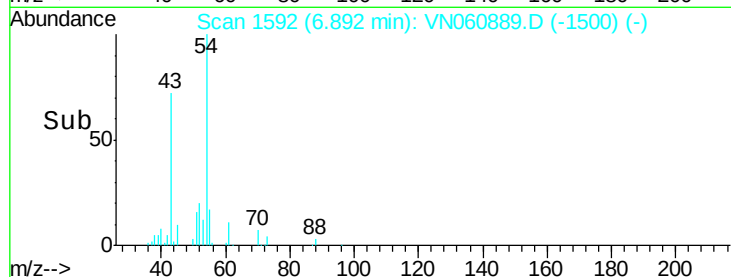
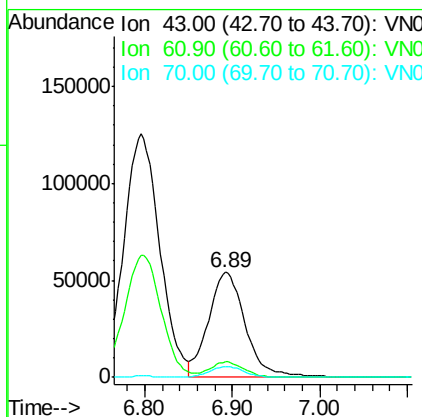
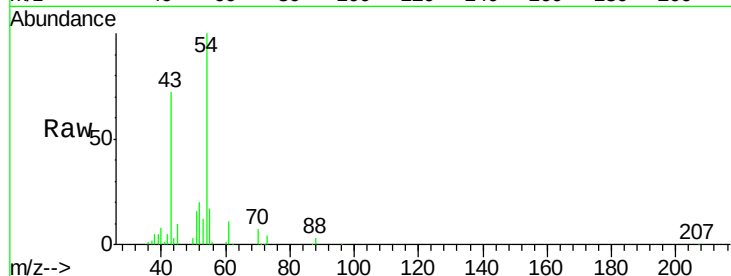
#37
Ethyl Acetate
Concen: 46.820 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.6	15.8
70	9.8	7.9	11.9

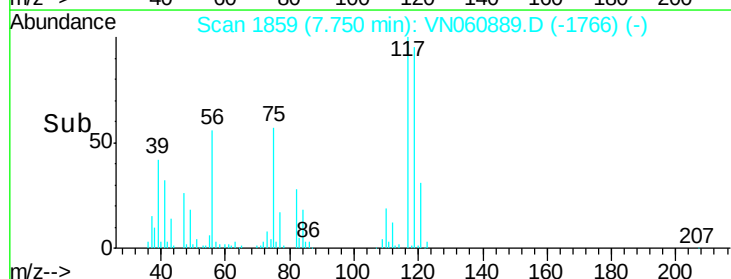
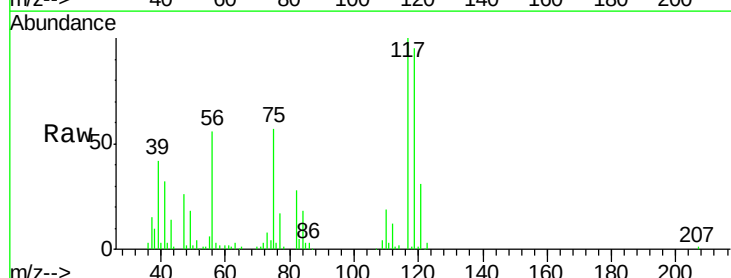
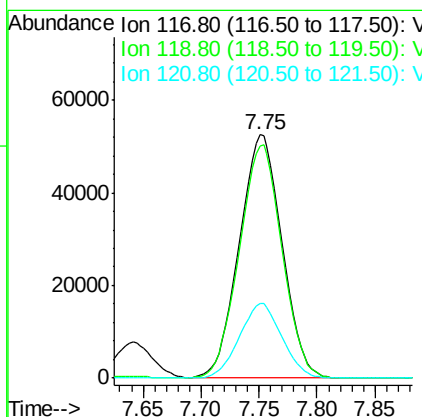
Manual Integrations
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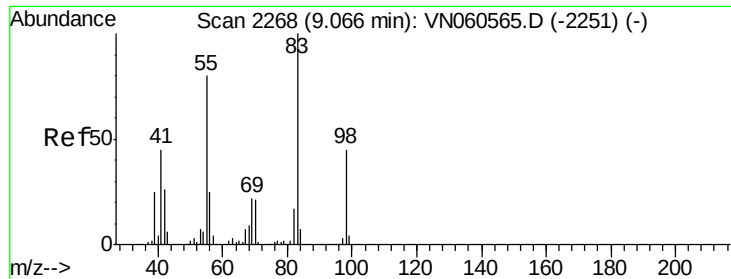
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#38
Carbon Tetrachloride
Concen: 48.539 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.2	114.2
121	30.8	23.7	35.5





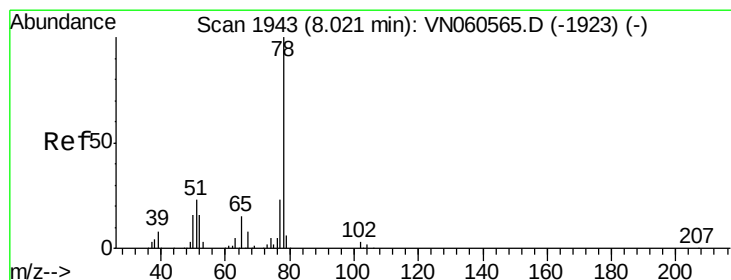
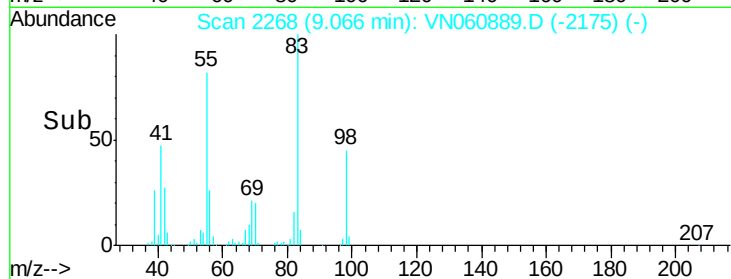
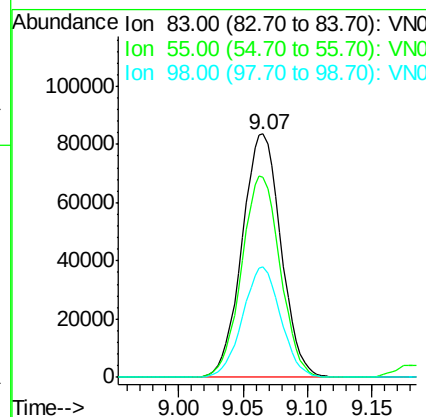
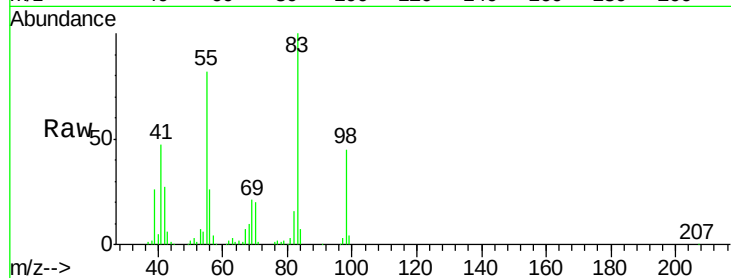
#39
Methylvlcyclohexane
Concen: 47.875 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.2	63.6	95.4
98	45.5	36.0	54.0

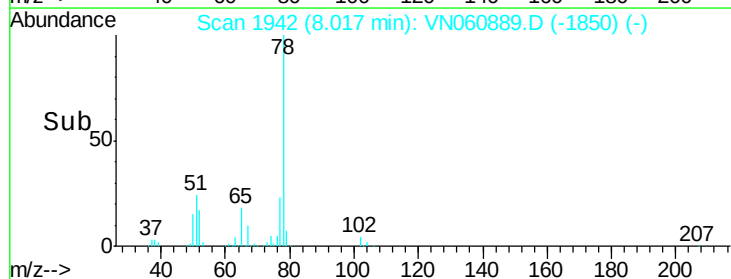
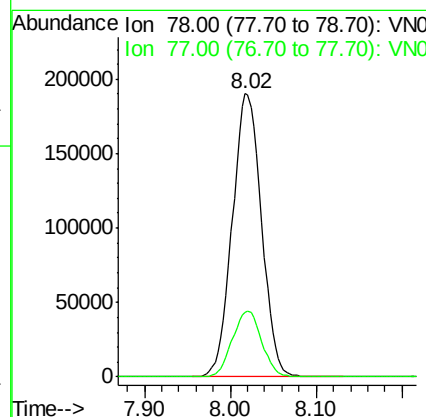
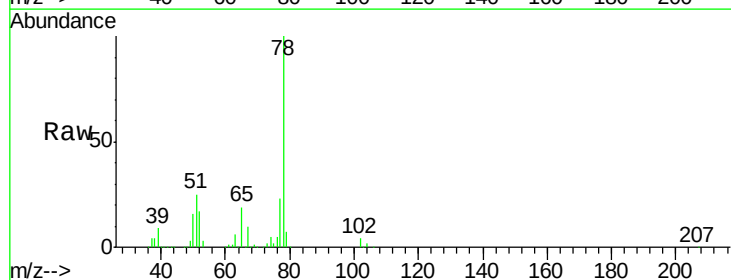
Manual Integrations
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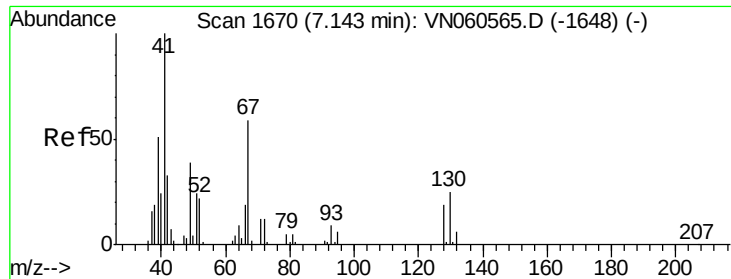
MMDadoda
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#40
Benzene
Concen: 47.998 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.6	28.0





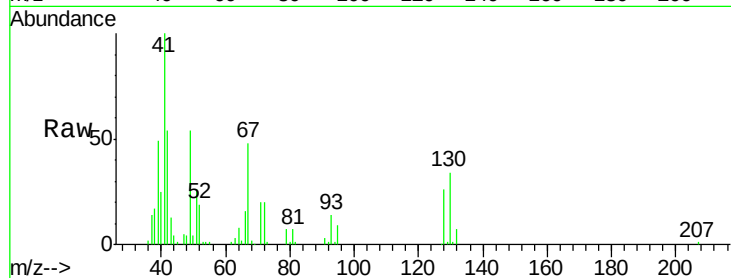
#41
Methacrylonitrile
Concen: 51.280 ug/l m
RT: 7.15 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

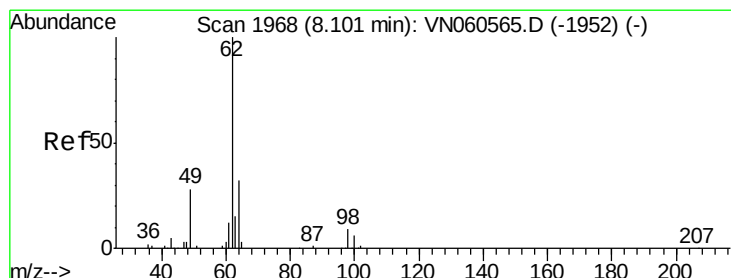
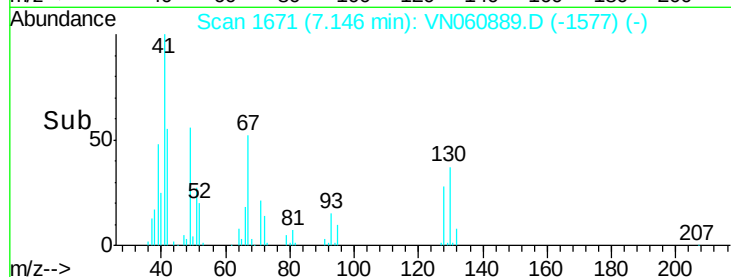
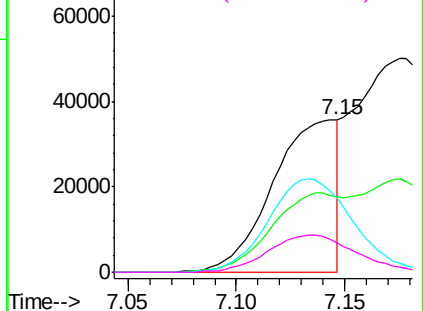
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Manual Integrations
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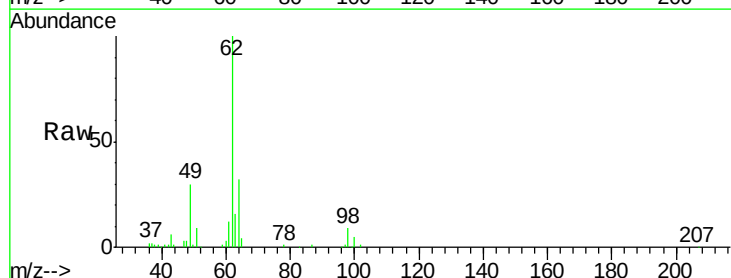


Abundance Ion 41.00 (40.70 to 41.70): VN060889.D (-1577) (-)
Ion 39.00 (38.70 to 39.70): VN060889.D (-1577) (-)
Ion 67.00 (66.70 to 67.70): VN060889.D (-1577) (-)
Ion 52.00 (51.70 to 52.70): VN060889.D (-1577) (-)

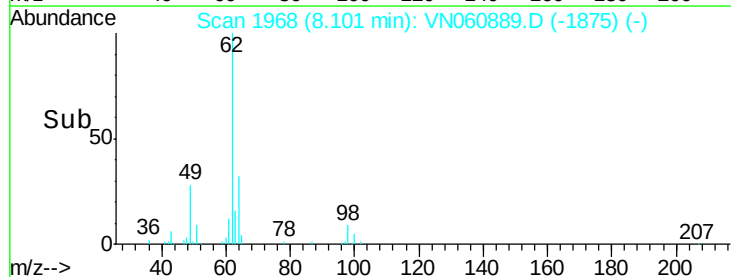
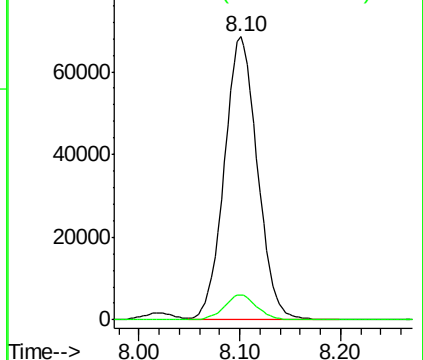


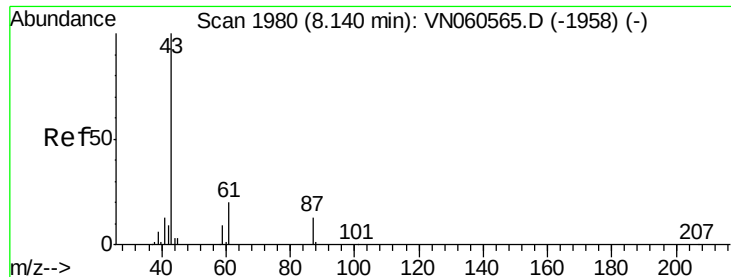
#42
1,2-Dichloroethane
Concen: 49.090 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VN060889.D (-1875) (-)
Ion 97.90 (97.60 to 98.60): VN060889.D (-1875) (-)





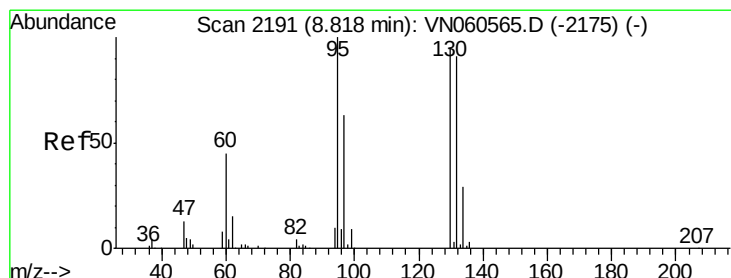
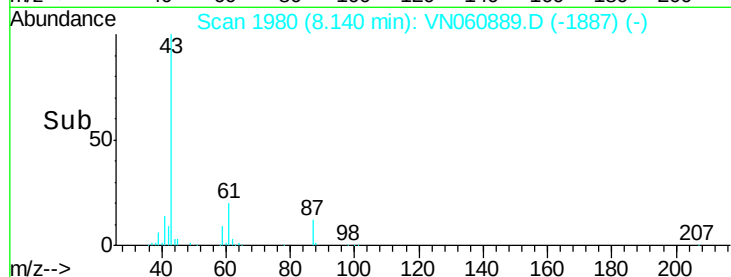
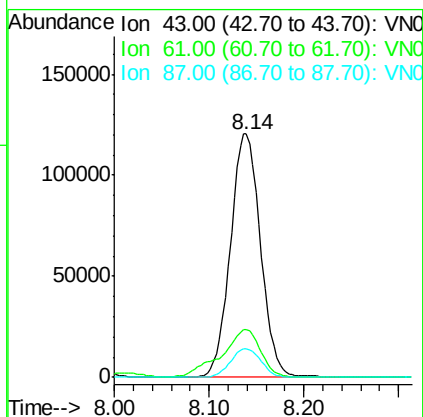
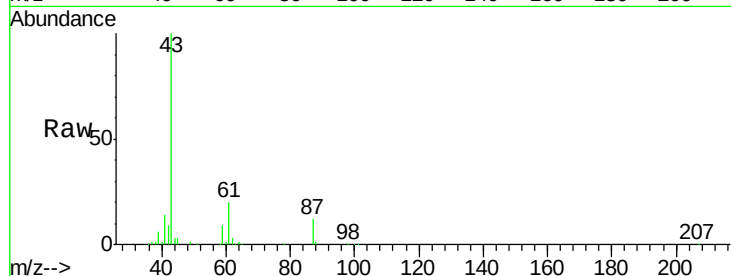
#43
Isopropyl Acetate
Concen: 48.370 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	25.7	20.7	31.1
87	12.0	9.8	14.8

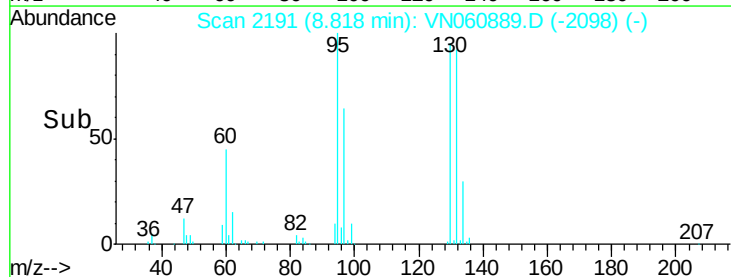
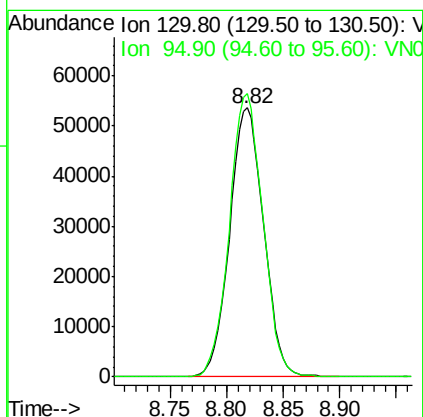
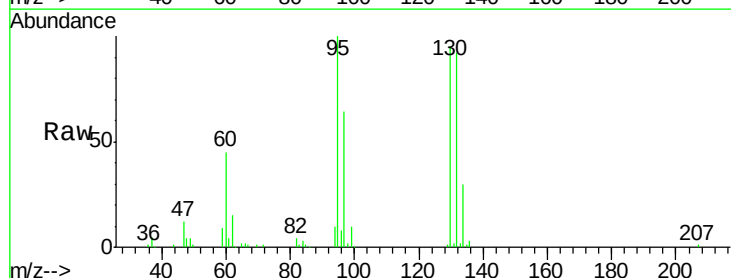
Manual Integrations
APPROVED

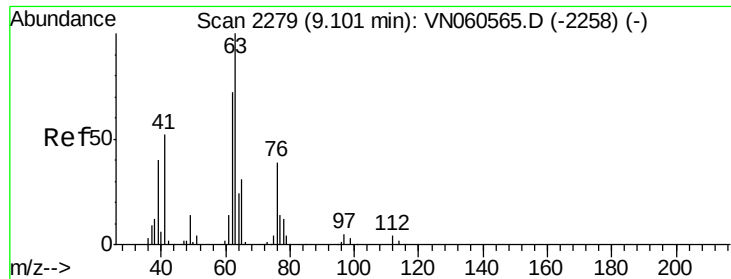
MMDadoda
4/8/2020 9:38:59 AM



#44
Trichloroethene
Concen: 47.684 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.2	0.0	211.2





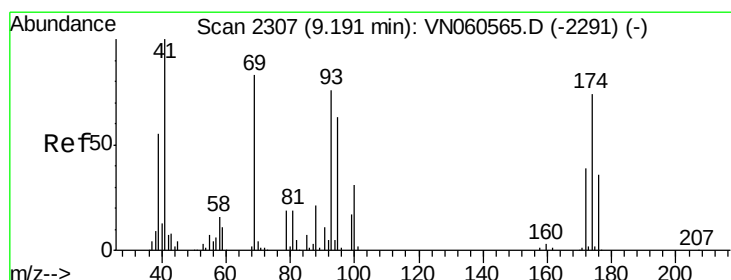
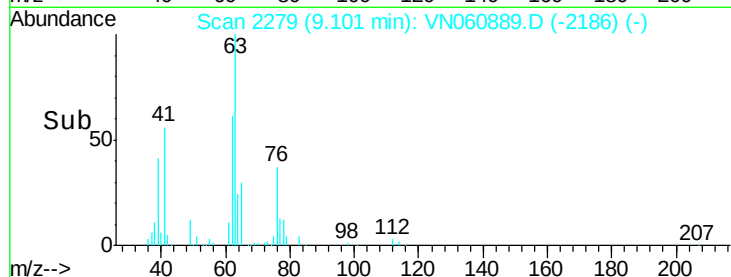
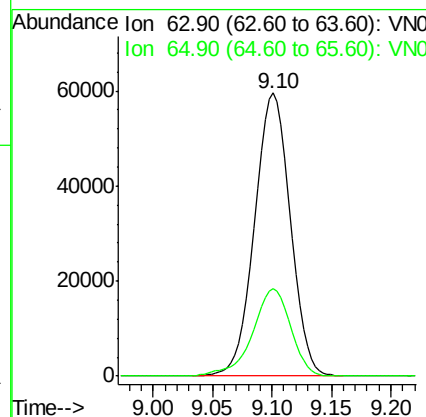
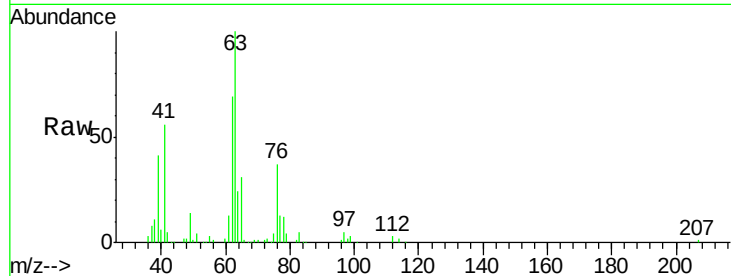
#45
 1,2-Dichloropropane
 Concen: 50.390 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060889.D
 Acq: 7 Apr 2020 19:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 124062
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.4 38.0

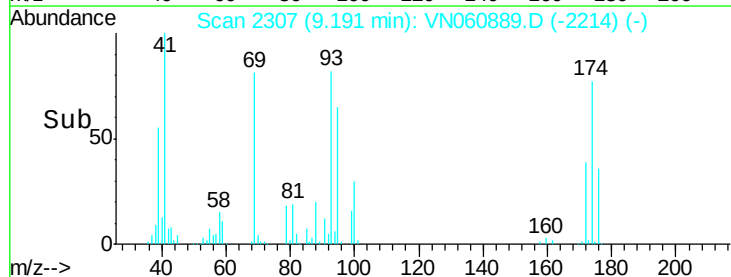
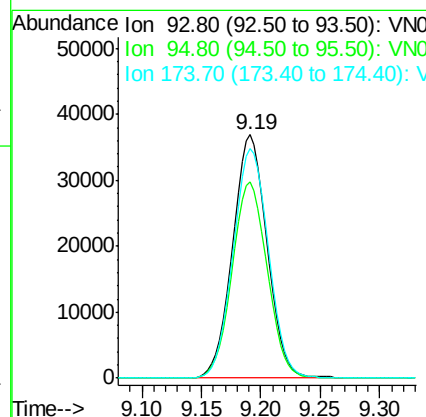
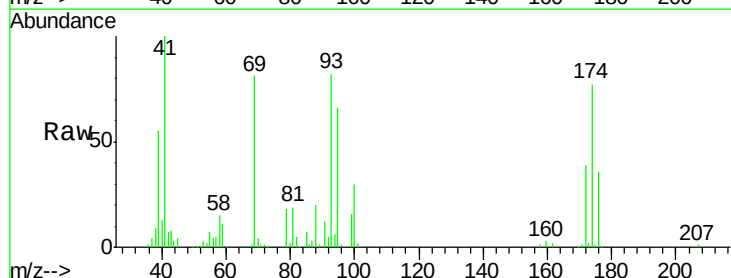
Manual Integrations
 APPROVED

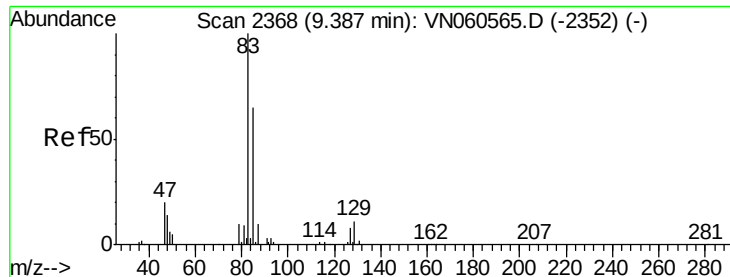
MMDadoda
 4/8/2020 9:38:59 AM



#46
 Dibromomethane
 Concen: 49.767 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN060889.D
 Acq: 7 Apr 2020 19:50

Tgt Ion: 93 Resp: 74076
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.2 99.4
 174 96.5 77.9 116.9





#47

Bromodichloromethane

Concen: 50.340 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN060889.D

Acq: 7 Apr 2020 19:50

Instrument :

MSVOA_N

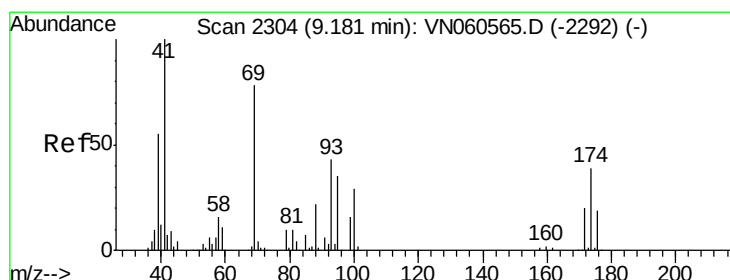
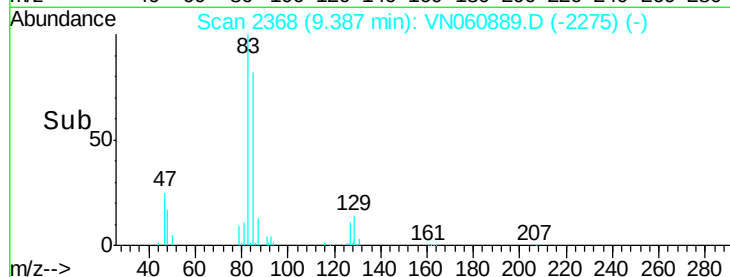
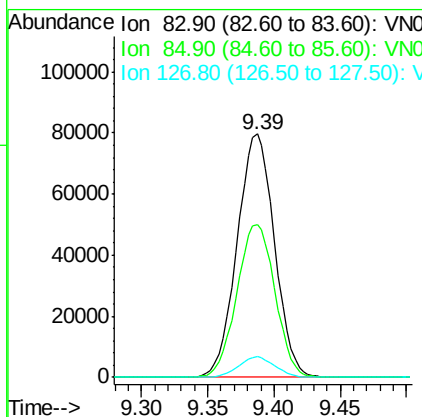
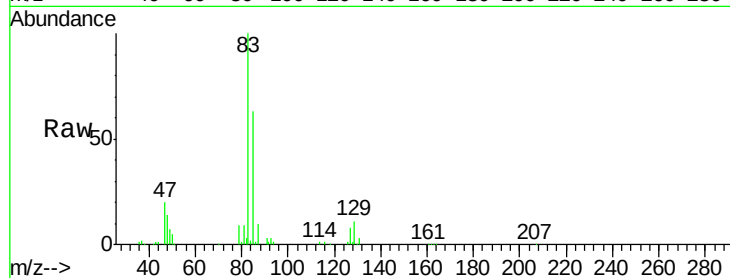
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	155701
Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.8	77.6
127	8.5	6.5	9.7

Manual Integrations
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MMDadoda
4/8/2020 9:38:59 AM



#48

Methyl methacrylate

Concen: 48.147 ug/l

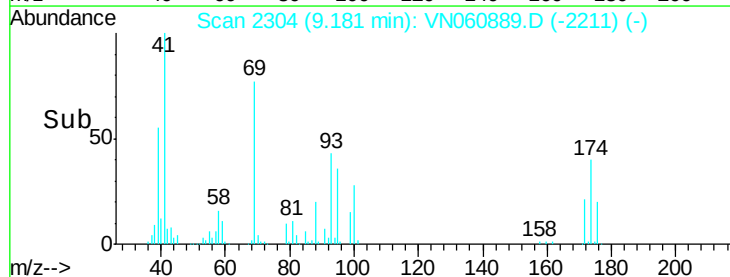
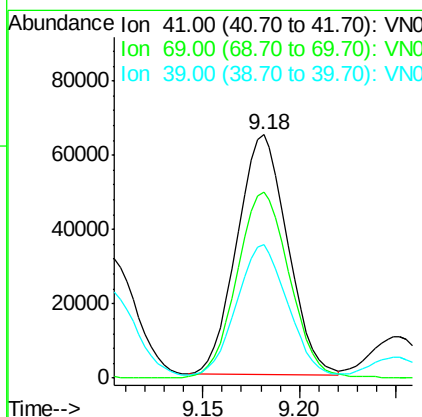
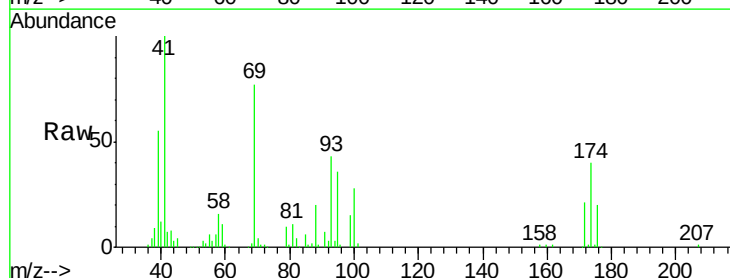
RT: 9.18 min Scan# 2304

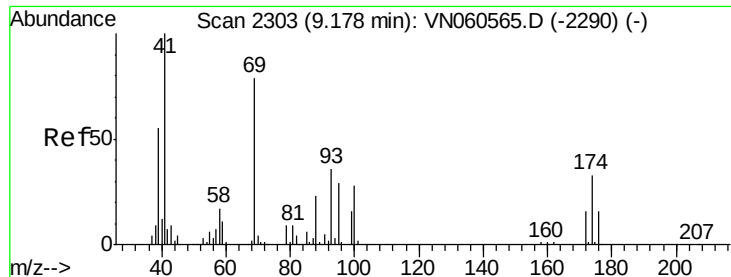
Delta R.T. -0.00 min

Lab File: VN060889.D

Acq: 7 Apr 2020 19:50

Tgt Ion:	41	Resp:	118068
Ion	Ratio	Lower	Upper
41	100		
69	80.5	65.4	98.0
39	54.4	44.0	66.0





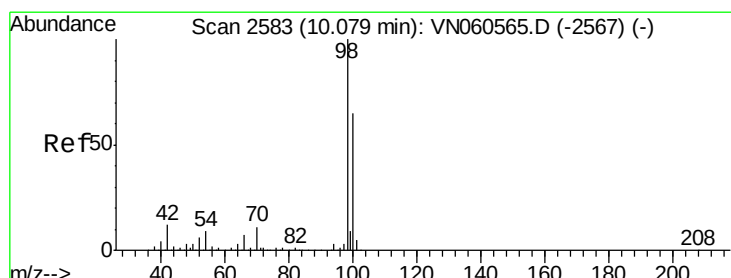
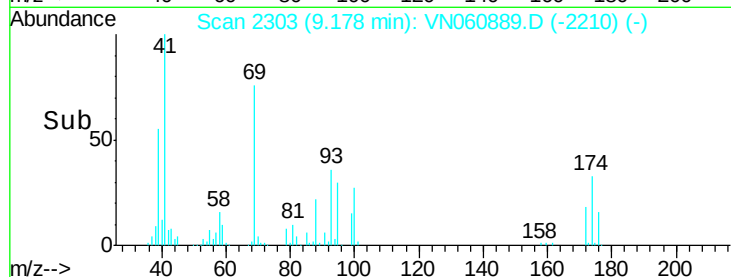
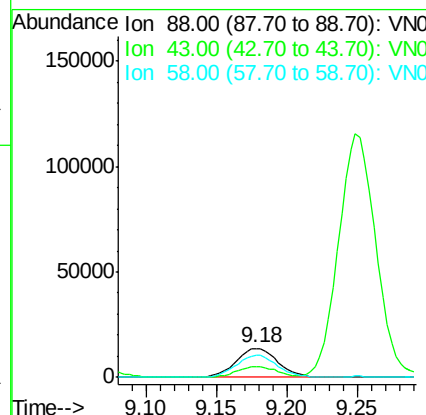
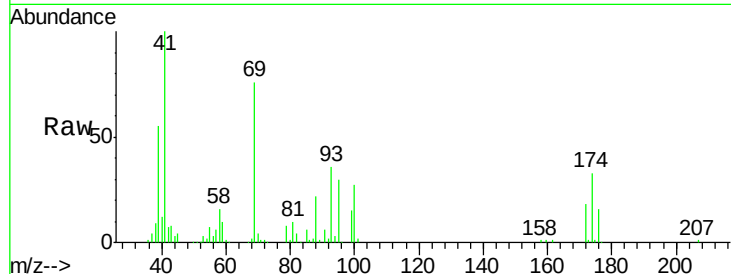
#49
1,4-Dioxane
Concen: 973.584 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.2	30.8	46.2
58	74.9	59.8	89.8

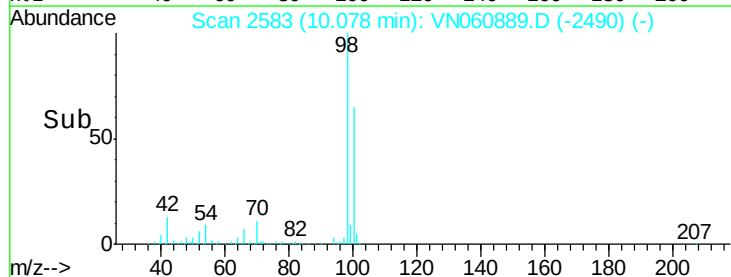
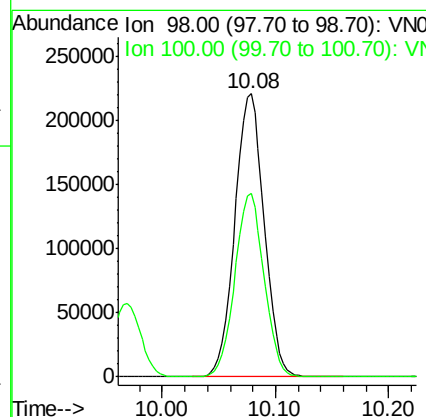
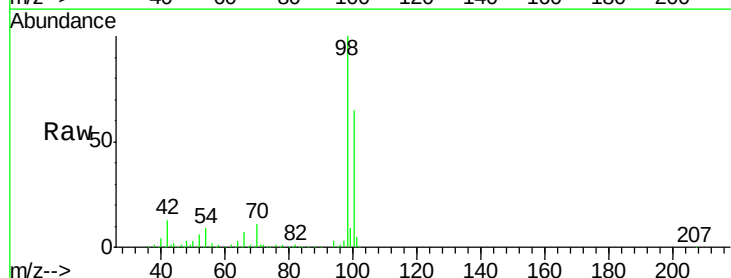
Manual Integrations
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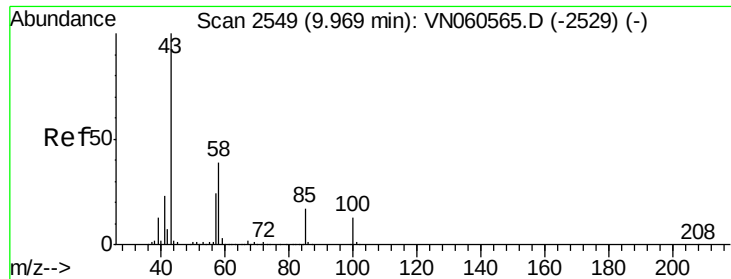
MMDadoda
4/8/2020 9:38:59 AM



#50
Toluene-d8
Concen: 50.637 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.8	77.8





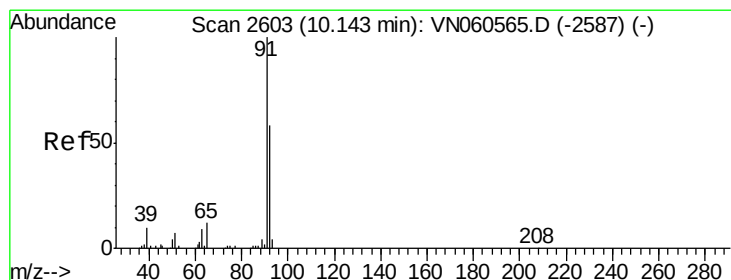
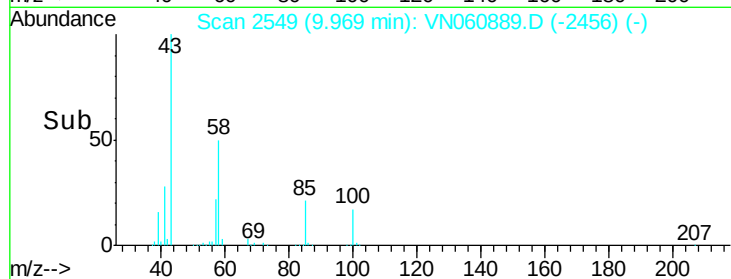
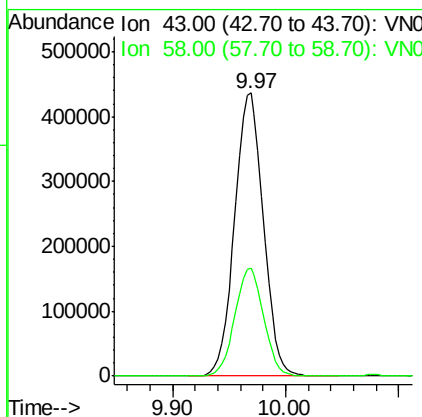
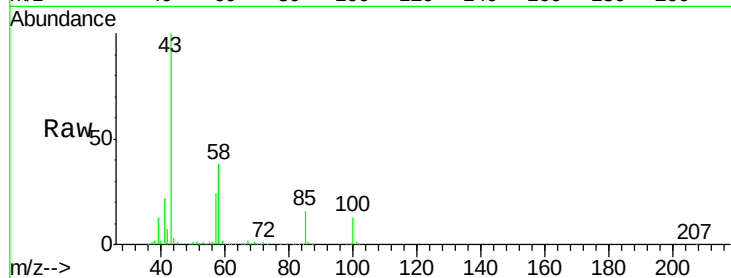
#51
4-Methyl-2-Pentanone
Concen: 246.744 ug/l
RT: 9.97 min Scan# 2549
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.1	30.8	46.2

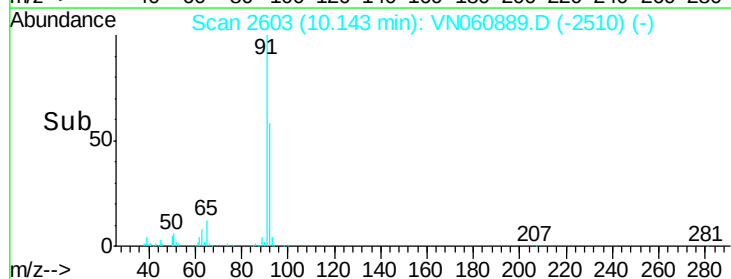
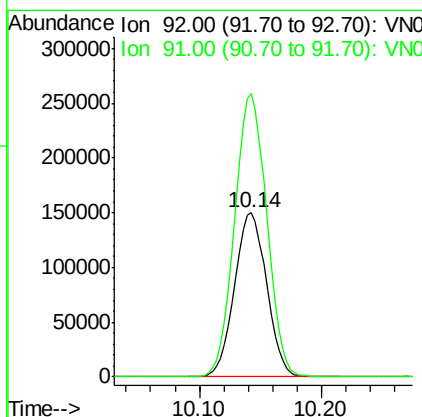
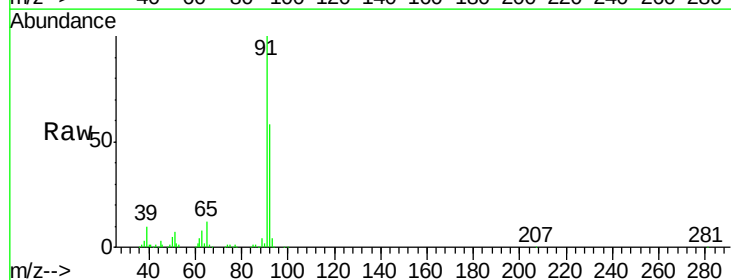
Manual Integrations
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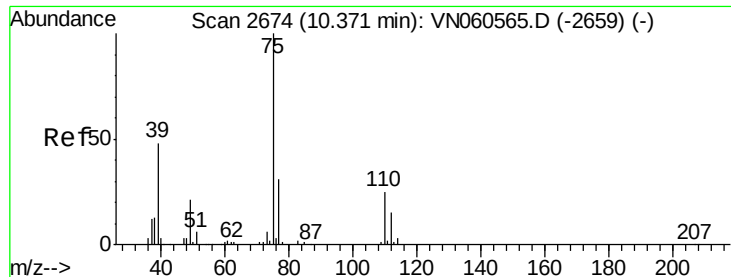
MMDadoda
4/8/2020 9:38:59 AM



#52
Toluene
Concen: 48.415 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.8	137.6	206.4





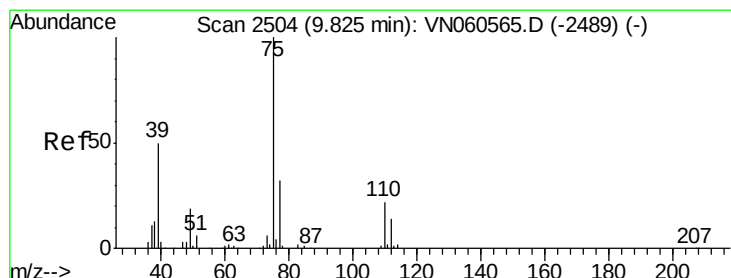
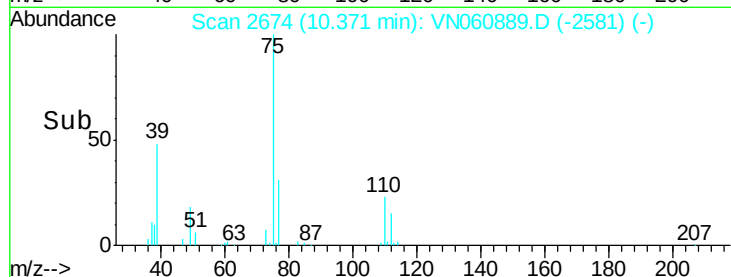
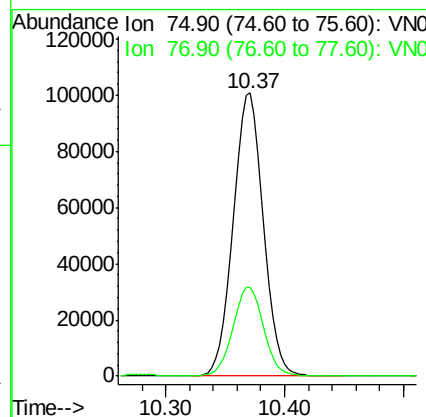
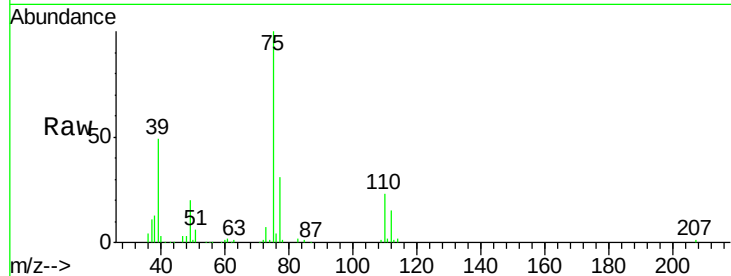
#53
t-1,3-Dichloropropene
Concen: 49.685 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.1	37.7

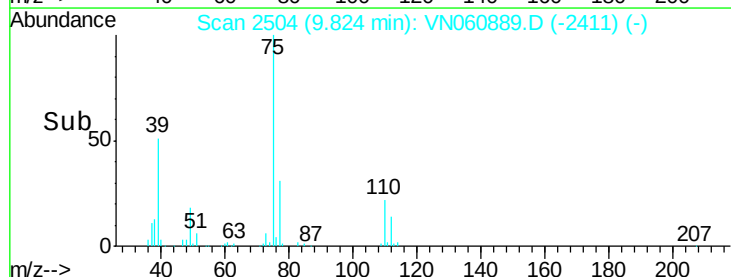
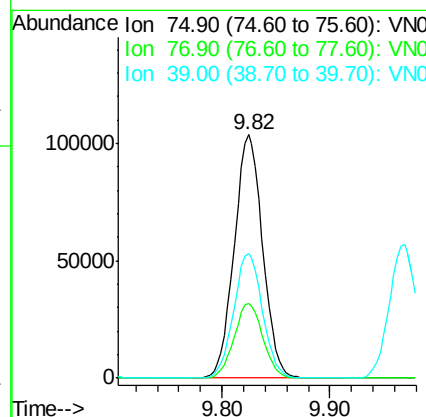
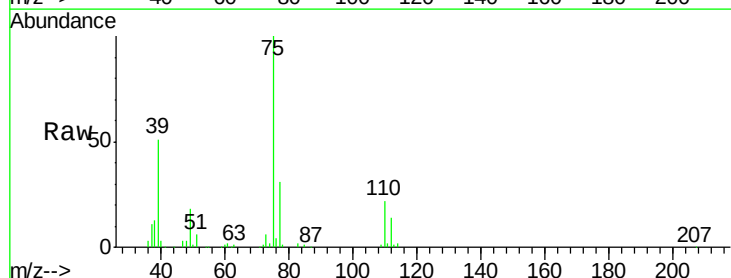
Manual Integrations
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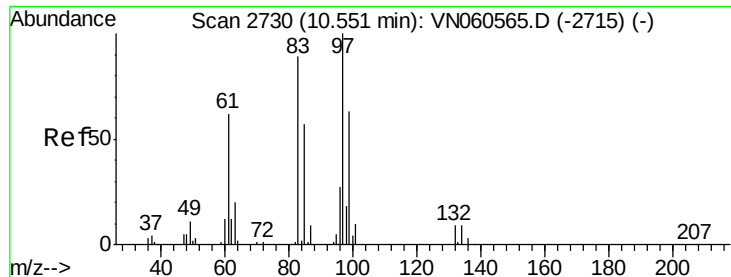
MMDadoda
4/8/2020 9:38:59 AM



#54
cis-1,3-Dichloropropene
Concen: 48.867 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.4	38.0
39	51.3	40.2	60.4





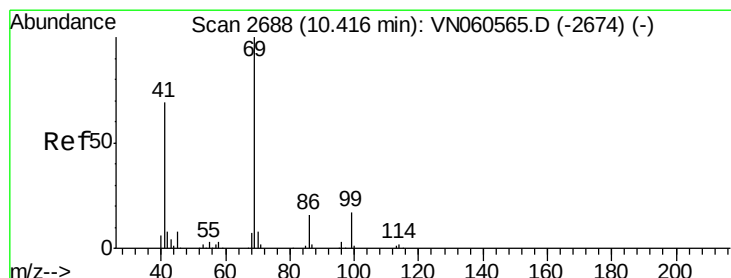
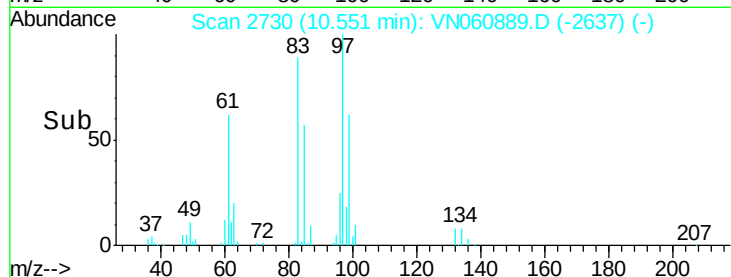
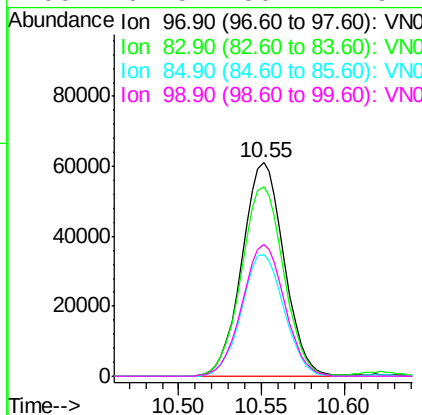
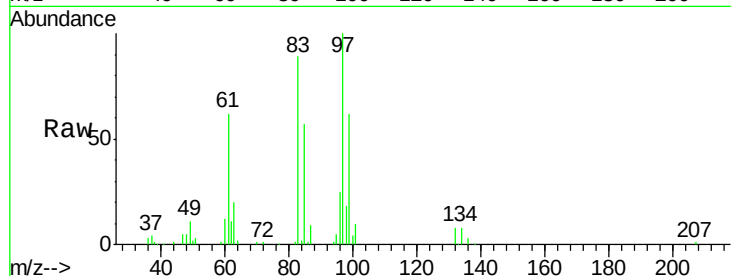
#55
 1,1,2-Trichloroethane
 Concen: 49.547 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN060889.D
 Acq: 7 Apr 2020 19:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	107412
Ion	Ratio	Lower	Upper
97	100		
83	89.0	71.3	106.9
85	57.1	45.2	67.8
99	61.5	50.1	75.1

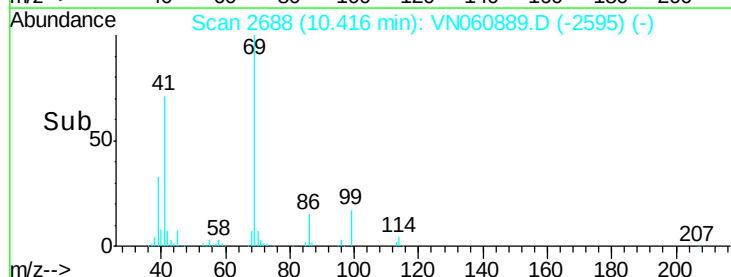
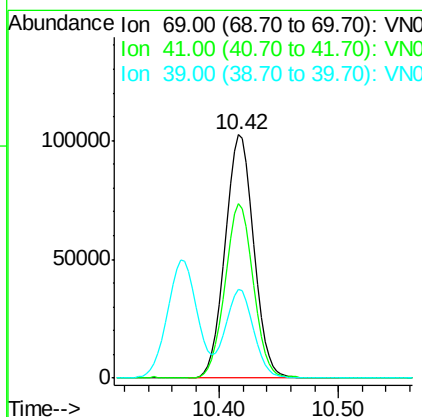
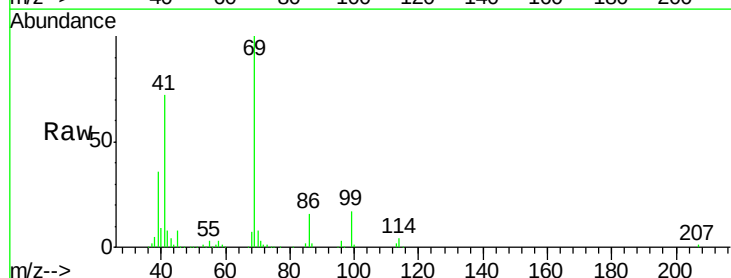
Manual Integrations
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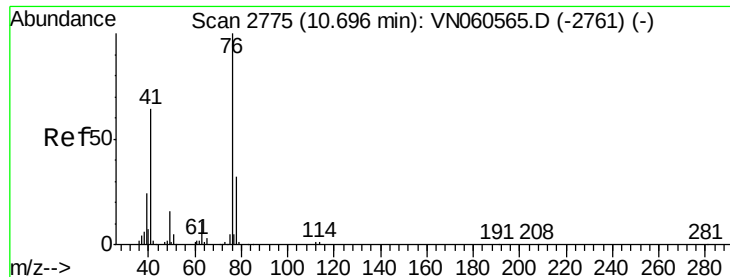
MMDadoda
 4/8/2020 9:38:59 AM



#56
 Ethyl methacrylate
 Concen: 50.569 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060889.D
 Acq: 7 Apr 2020 19:50

Tgt Ion:	69	Resp:	170933
Ion	Ratio	Lower	Upper
69	100		
41	70.2	55.4	83.2
39	36.0	29.4	44.0





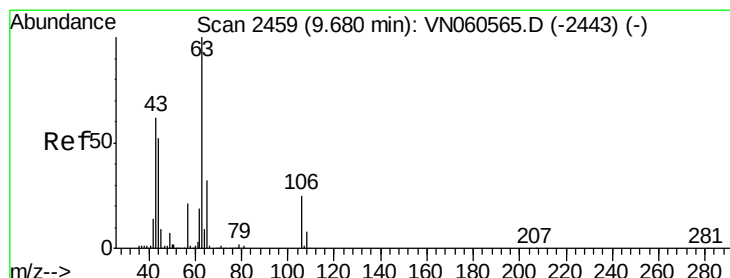
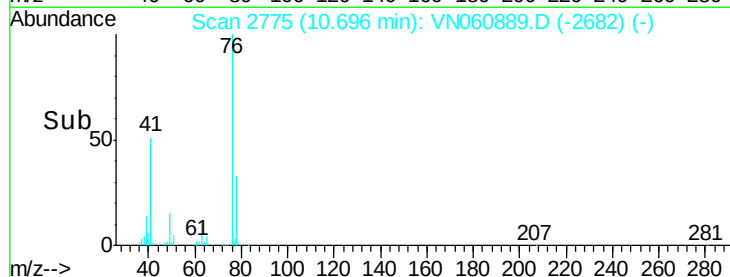
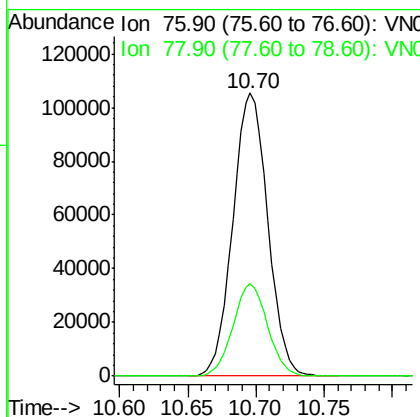
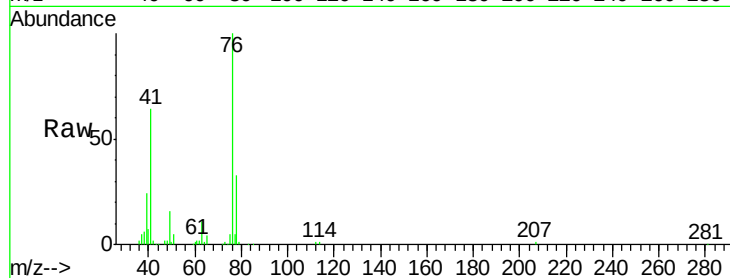
#57
 1,3-Dichloropropane
 Concen: 49.725 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. -0.00 min
 Lab File: VN060889.D
 Acq: 7 Apr 2020 19:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.6

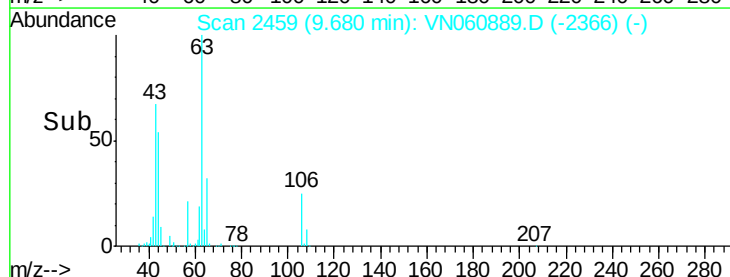
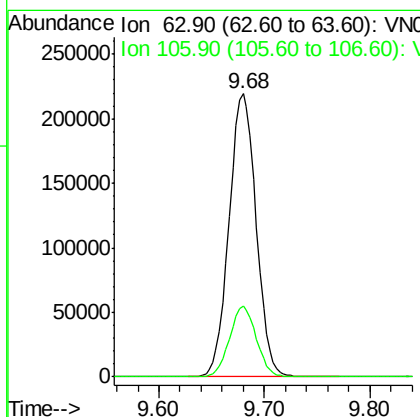
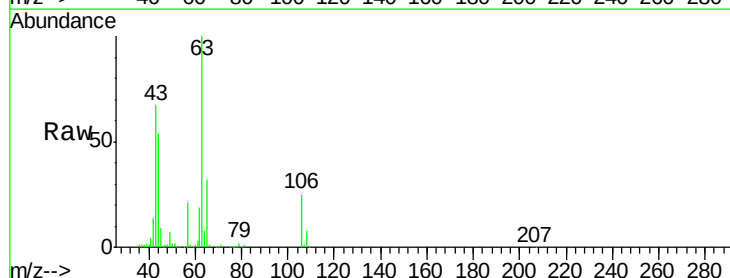
Manual Integrations
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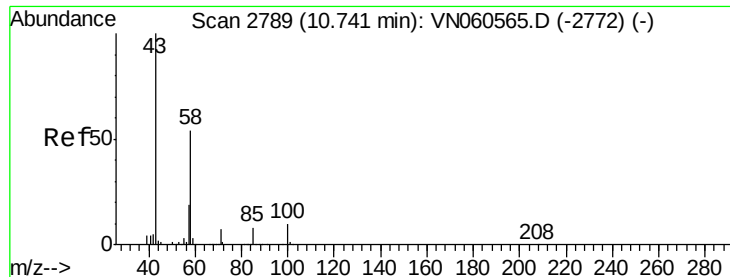
MMDadoda
 4/8/2020 9:38:59 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 231.790 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. -0.00 min
 Lab File: VN060889.D
 Acq: 7 Apr 2020 19:50

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.7	20.0	30.0





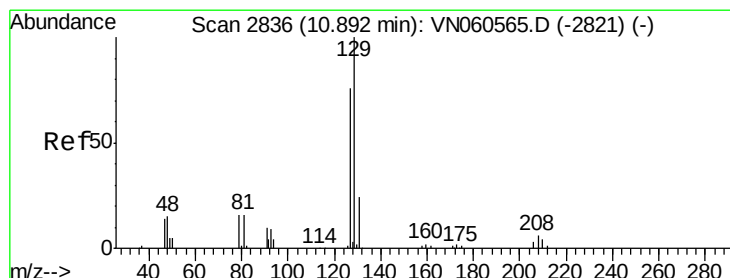
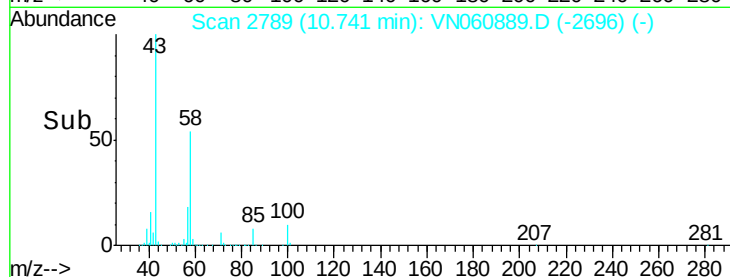
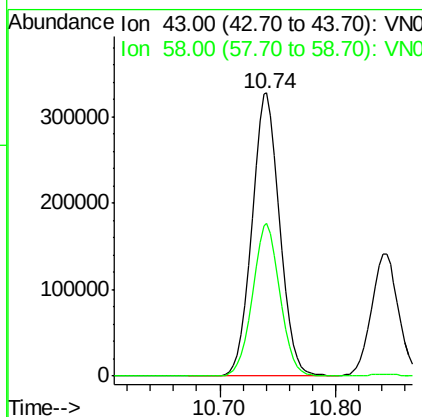
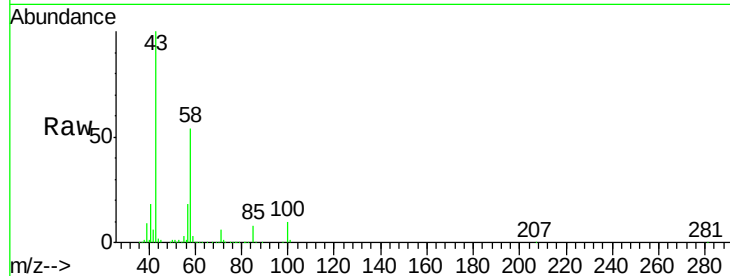
#59
2-Hexanone
Concen: 242.415 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 547312
Ion Ratio Lower Upper
43 100
58 53.4 26.7 80.1

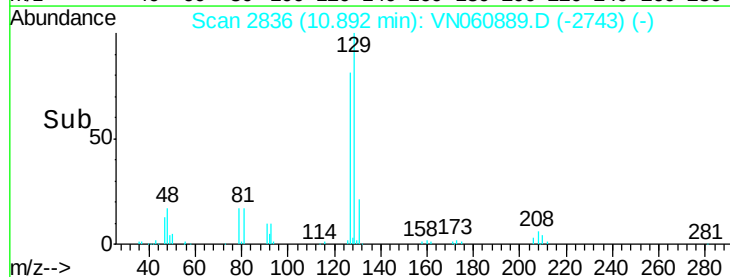
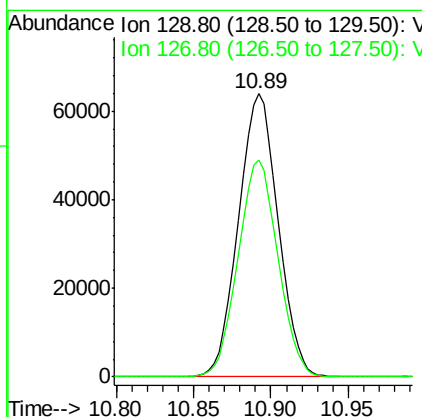
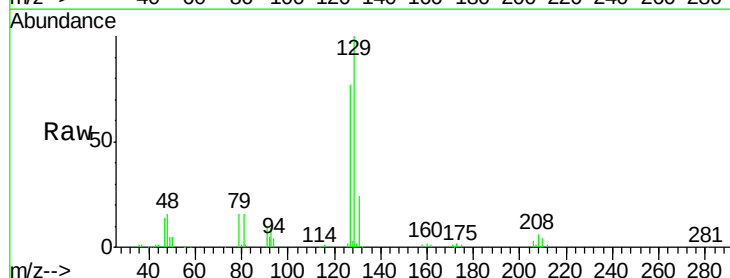
Manual Integrations
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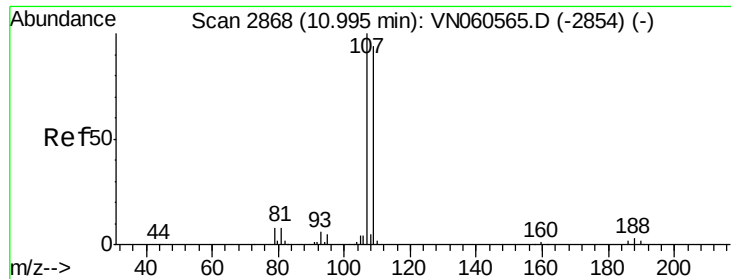
MMDadoda
4/8/2020 9:38:59 AM



#60
Dibromochloromethane
Concen: 50.949 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Tgt Ion: 129 Resp: 114090
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.314 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. -0.00 min

Lab File: VN060889.D

Acq: 7 Apr 2020 19:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 107500

Ion Ratio Lower Upper

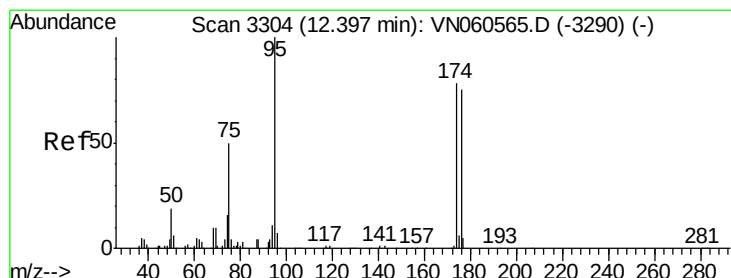
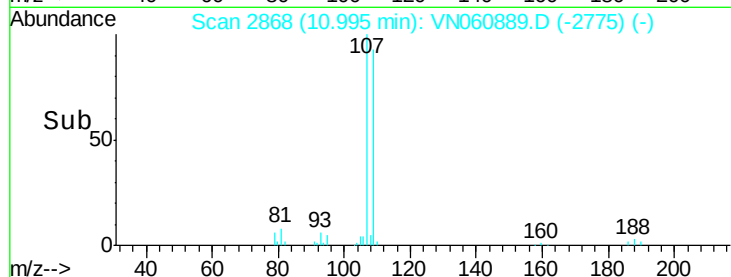
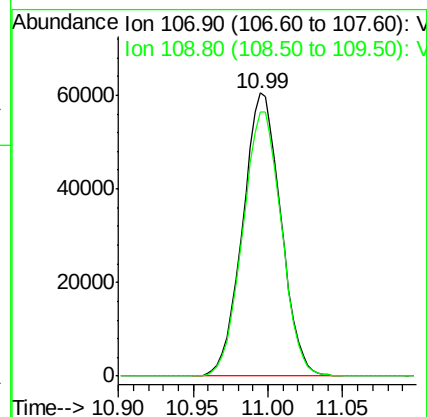
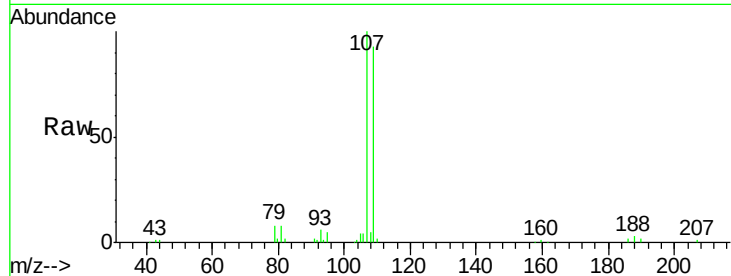
107 100

109 94.8 75.4 113.2

Manual Integrations
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MMDadoda

4/8/2020 9:38:59 AM



#62

4-Bromofluorobenzene

Concen: 51.317 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060889.D

Acq: 7 Apr 2020 19:50

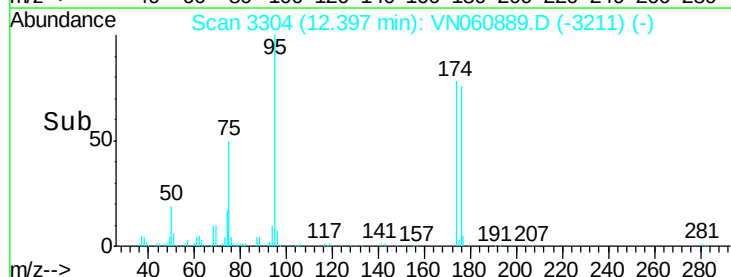
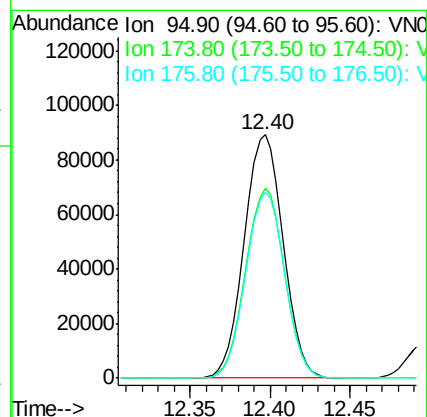
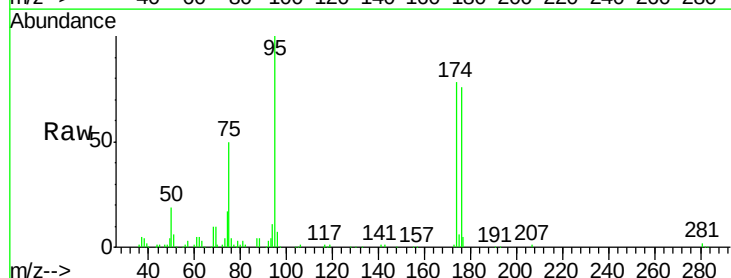
Tgt Ion: 95 Resp: 148270

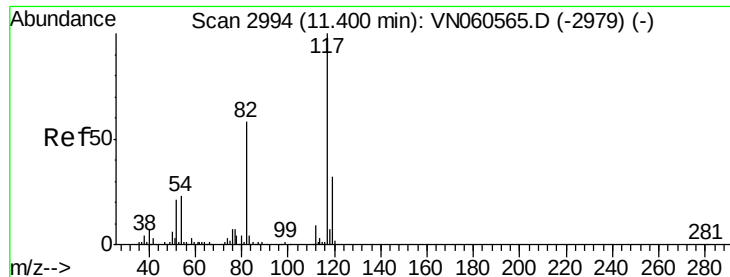
Ion Ratio Lower Upper

95 100

174 77.7 0.0 157.6

176 76.3 0.0 150.6





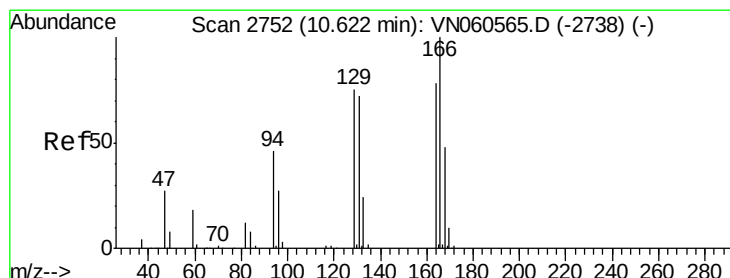
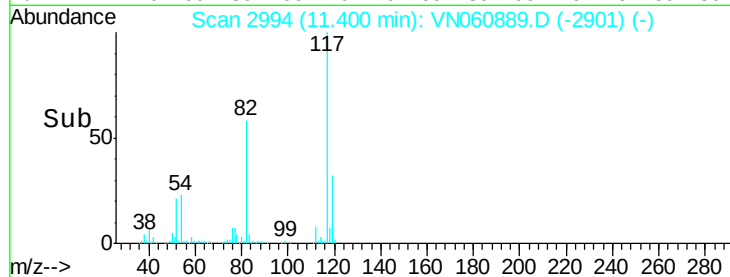
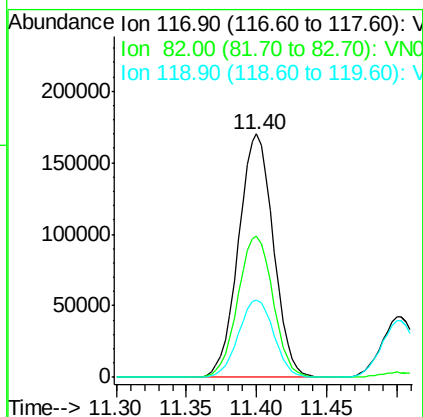
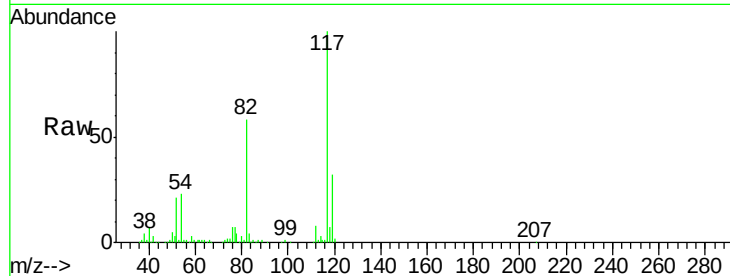
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.7	46.7	70.1
119	32.0	25.5	38.3

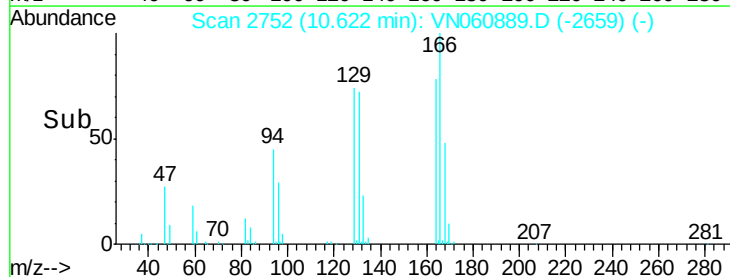
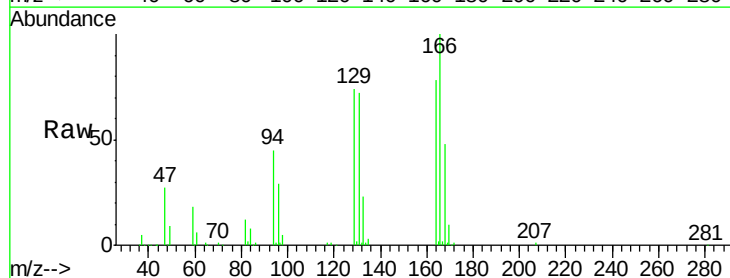
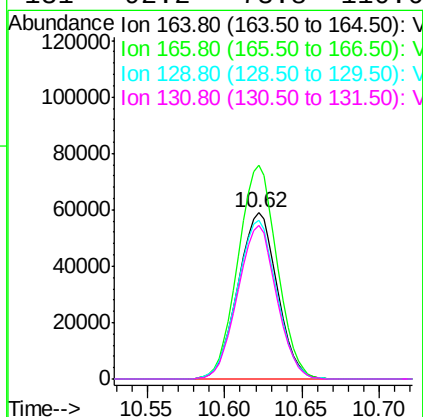
Manual Integrations
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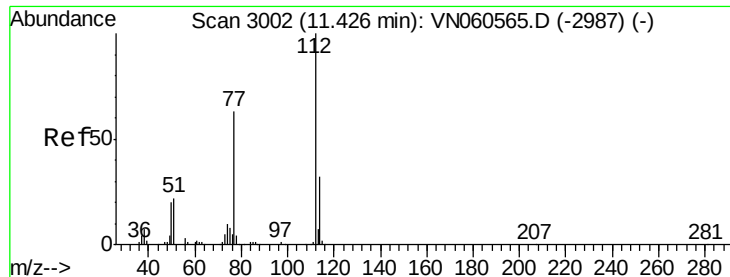
MMDadoda
4/8/2020 9:38:59 AM



#64
Tetrachloroethene
Concen: 45.107 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.5	102.7	154.1
129	95.1	77.2	115.8
131	92.2	73.8	110.6





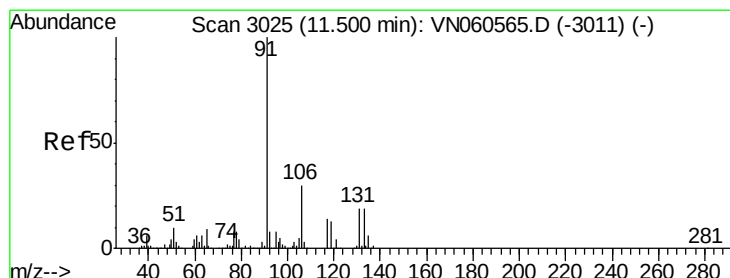
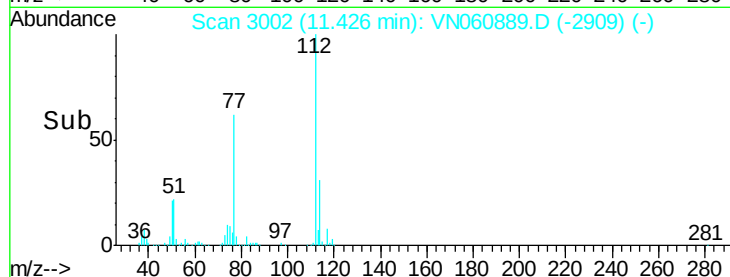
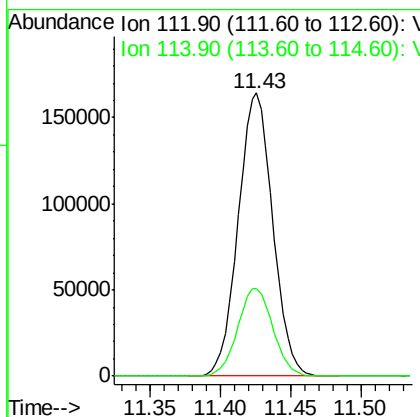
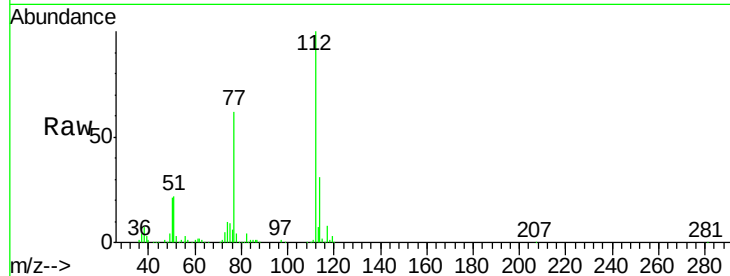
#65
Chlorobenzene
Concen: 48.125 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.1	25.8	38.6

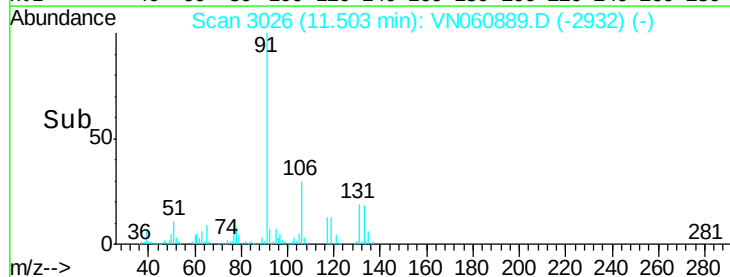
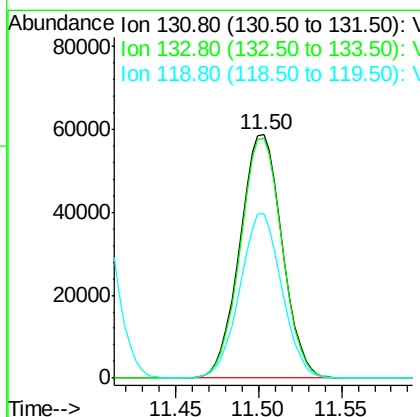
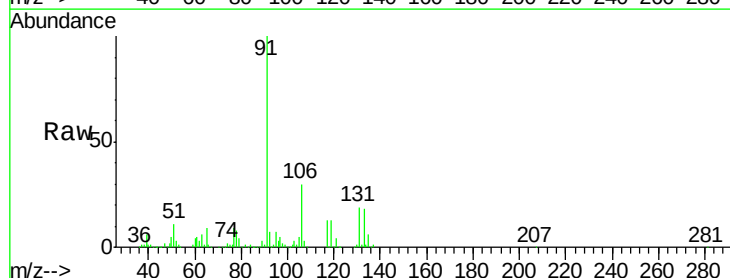
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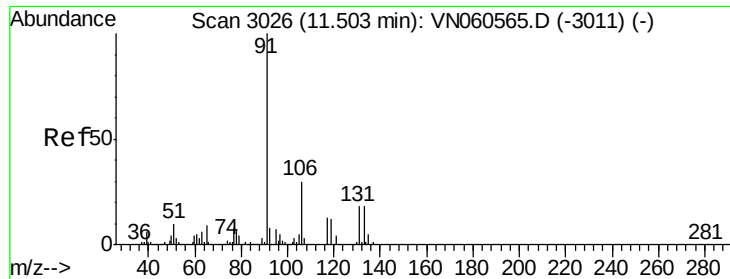
MMDadoda
4/8/2020 9:38:59 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.378 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.3	48.9	146.8
119	66.7	33.9	101.7





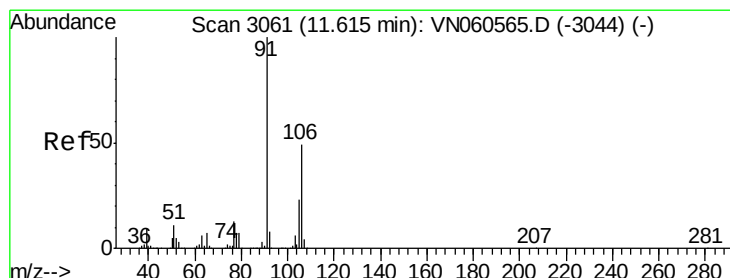
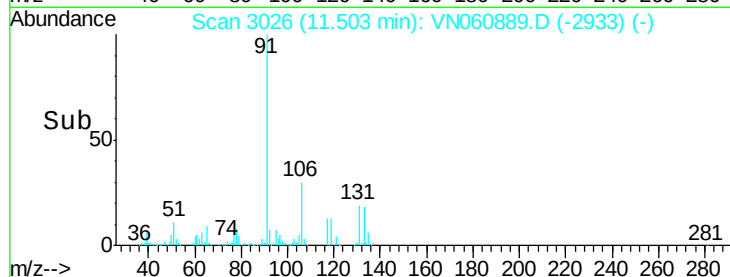
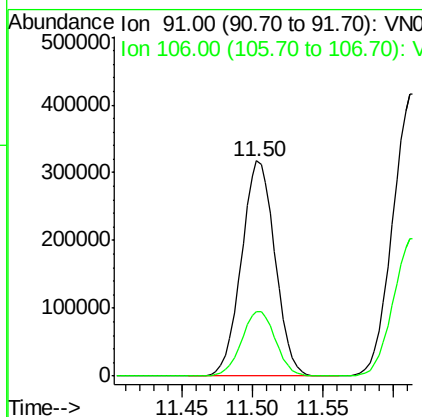
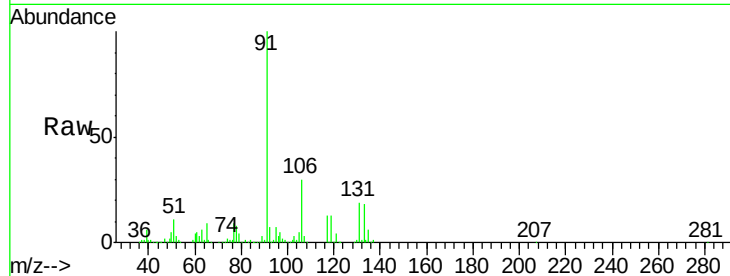
#67
Ethyl Benzene
Concen: 48.749 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 529765
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.2

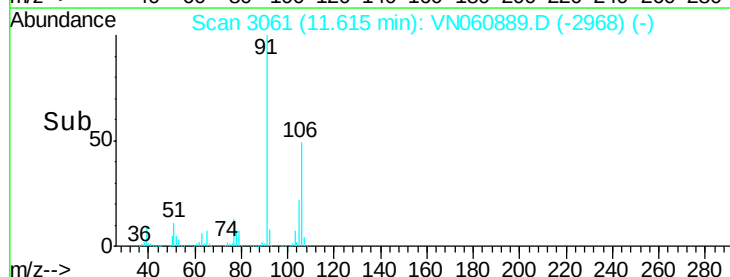
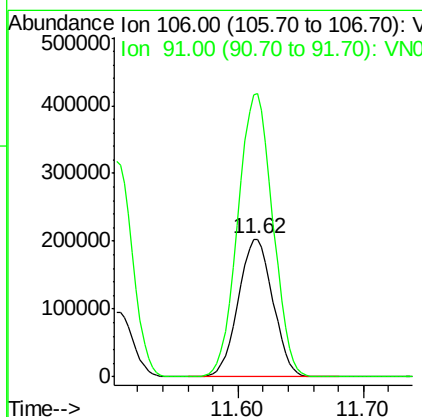
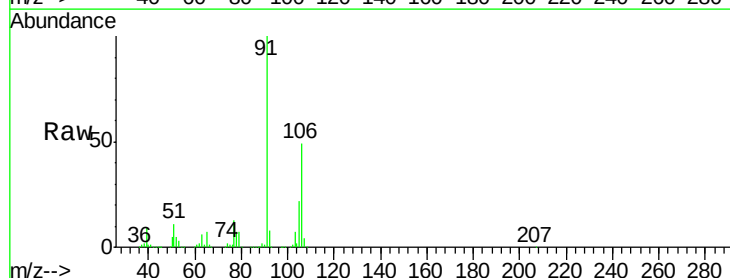
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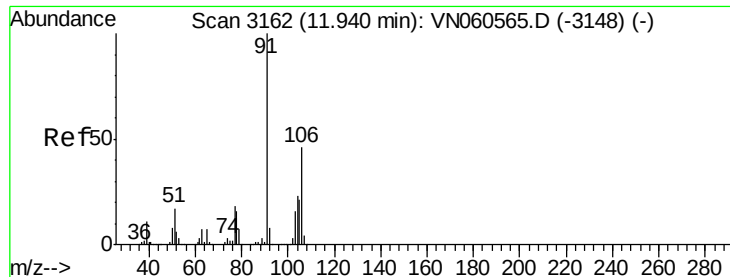
MMDadoda
4/8/2020 9:38:59 AM



#68
m/p-Xylenes
Concen: 96.356 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Tgt Ion: 106 Resp: 389118
Ion Ratio Lower Upper
106 100
91 207.3 165.0 247.4





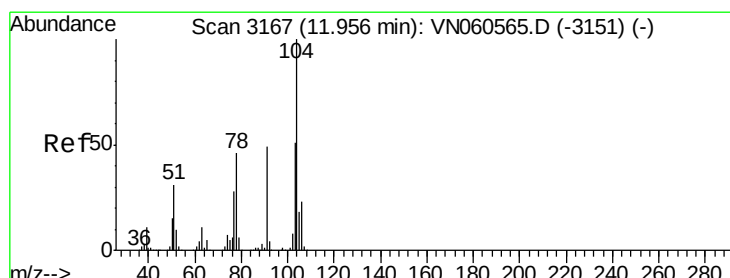
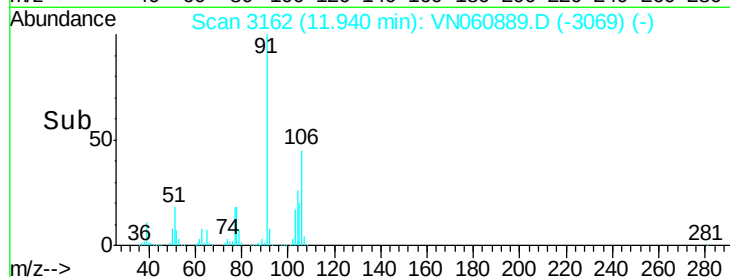
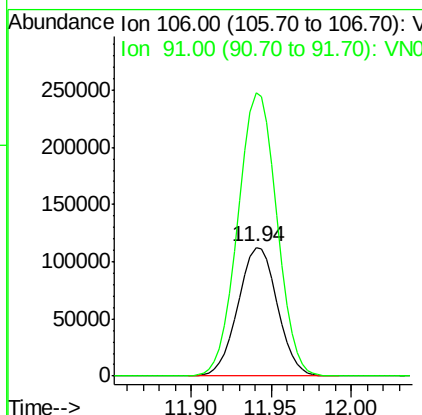
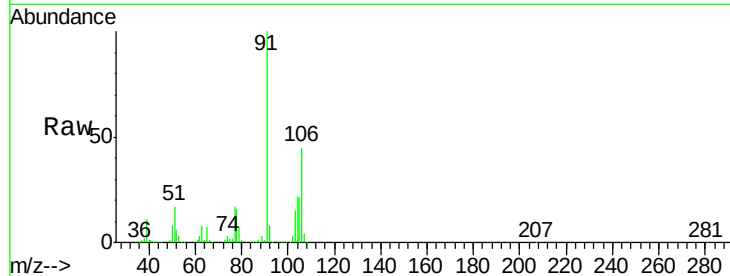
#69
o-Xylene
Concen: 48.796 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	188113		
91	91	218.4	109.5	328.4	

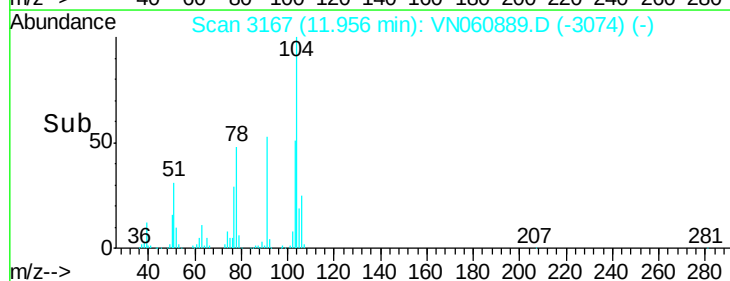
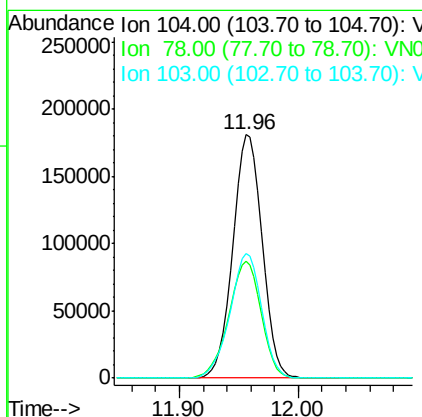
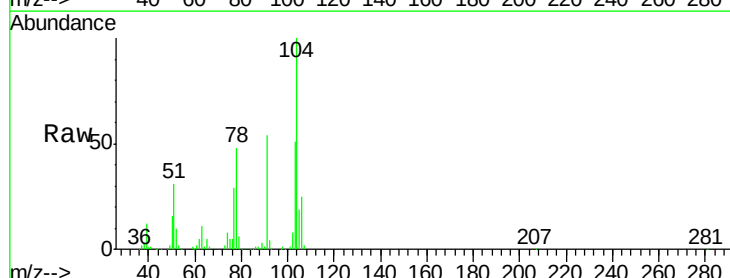
Manual Integrations
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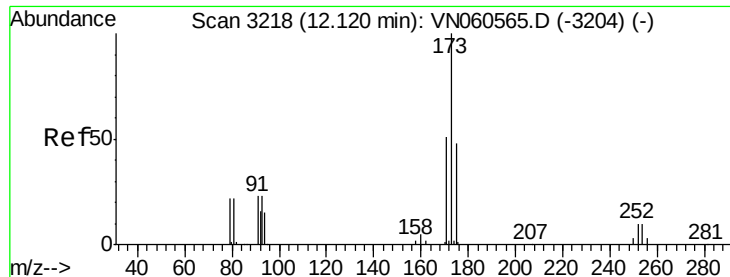
MMDadoda
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#70
Styrene
Concen: 49.242 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	310466		
78	78	52.7	41.2	61.8	
103	103	54.9	44.0	66.0	





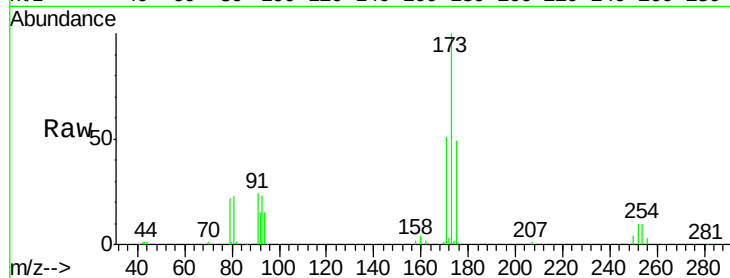
#71
Bromoform
Concen: 46.595 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.1	72.4
254	0.0	0.0	0.0

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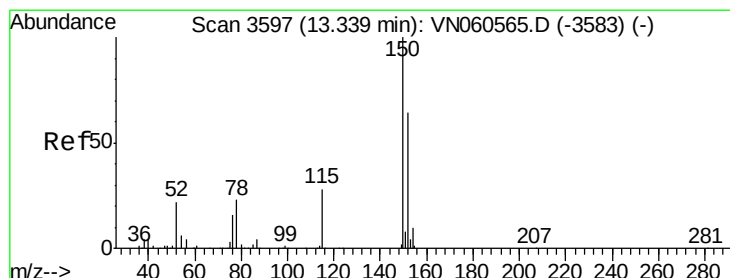
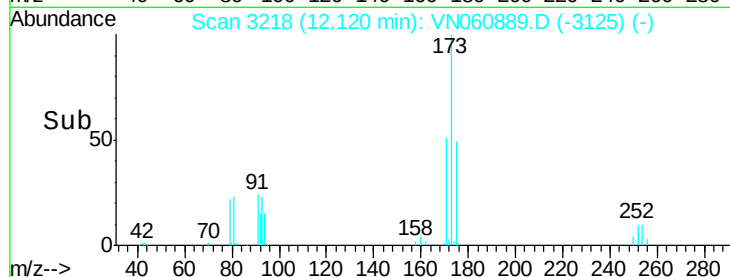
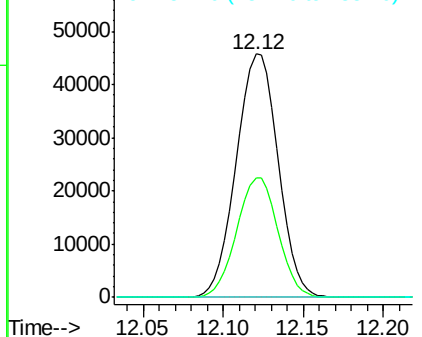


Abundance

Ion 172.70 (172.40 to 173.40): V

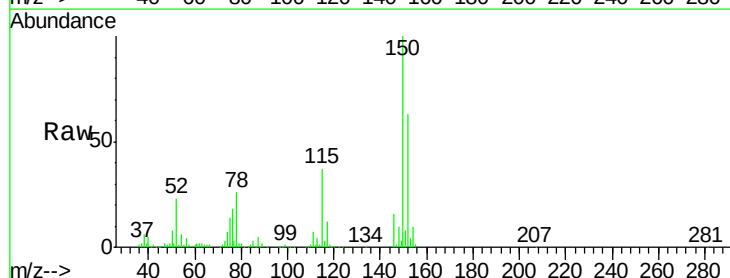
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	30.2	90.6
150	174.0	0.0	350.2

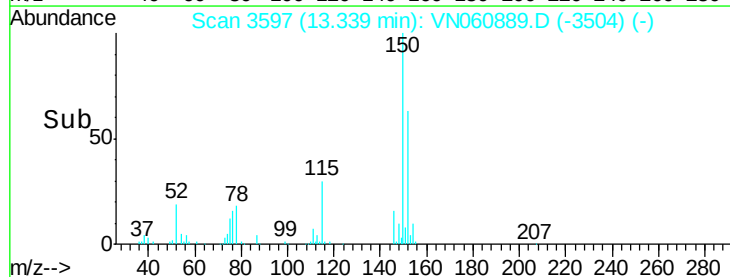
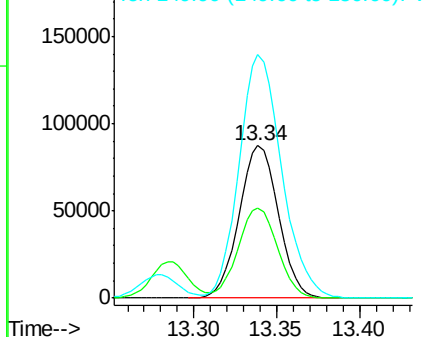


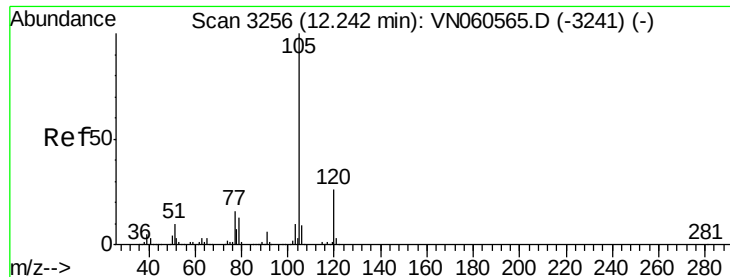
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.895 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060889.D

Acq: 7 Apr 2020 19:50

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 105 Resp: 504695

Ion Ratio Lower Upper

105 100

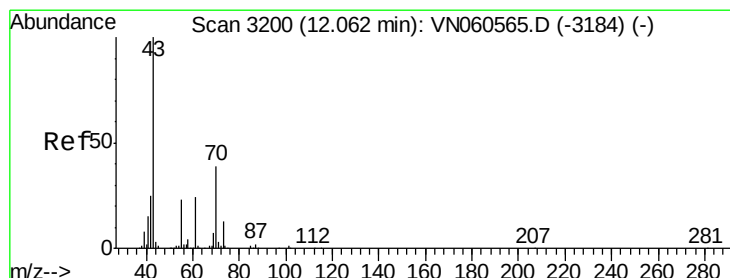
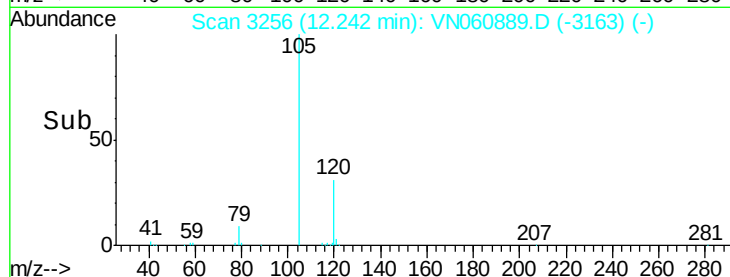
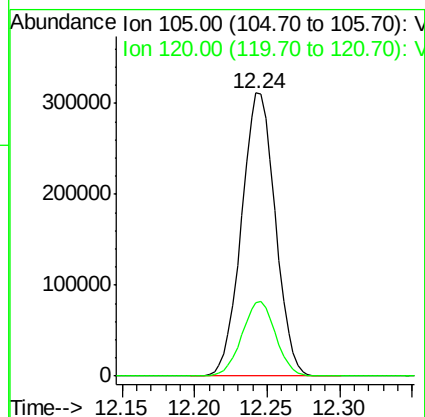
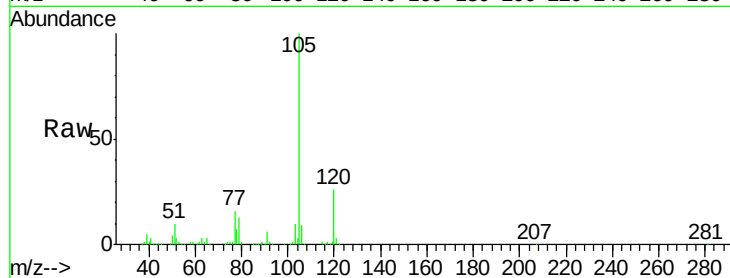
120 26.2 13.1 39.1

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#74

N-ethyl acetate

Concen: 46.089 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060889.D

Acq: 7 Apr 2020 19:50

Tgt Ion: 43 Resp: 229208

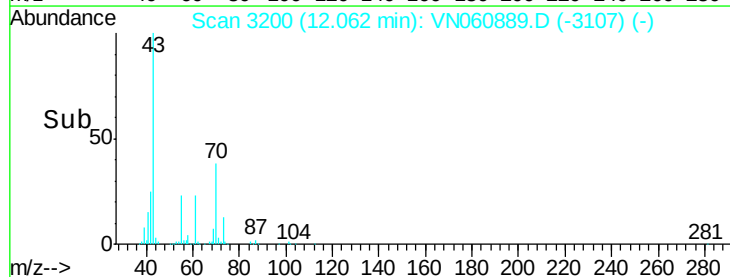
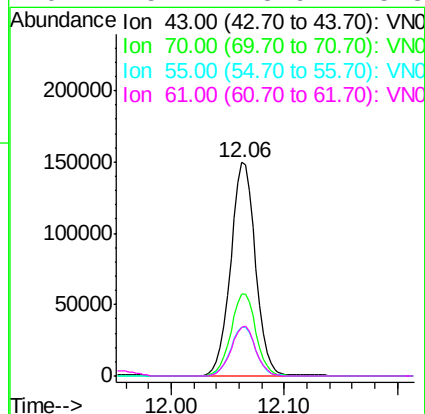
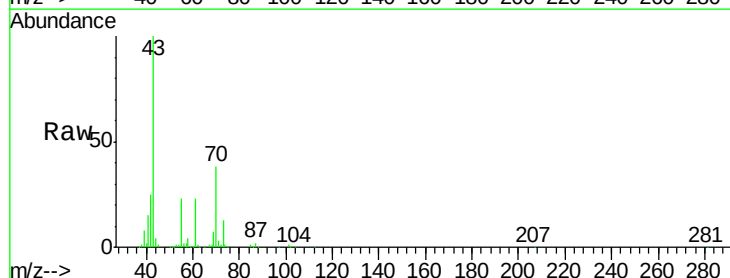
Ion Ratio Lower Upper

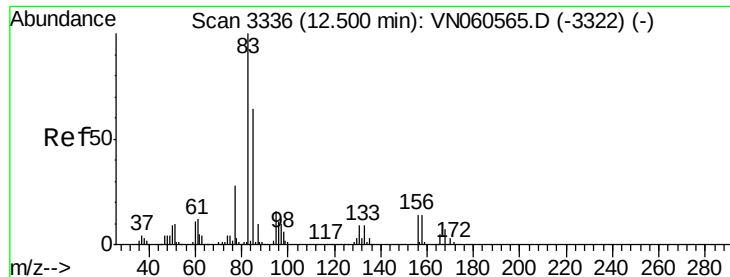
43 100

70 38.8 31.1 46.7

55 23.4 18.6 27.8

61 23.2 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 47.940 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060889.D

Acq: 7 Apr 2020 19:50

Instrument :

MSVOA_N

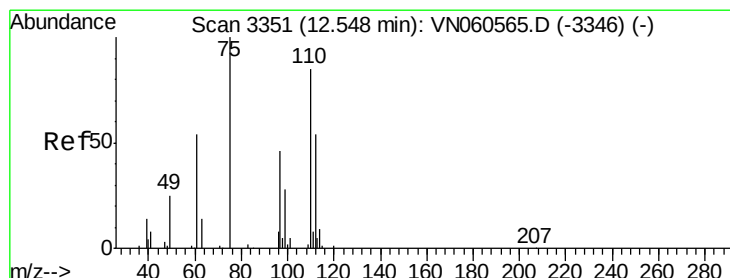
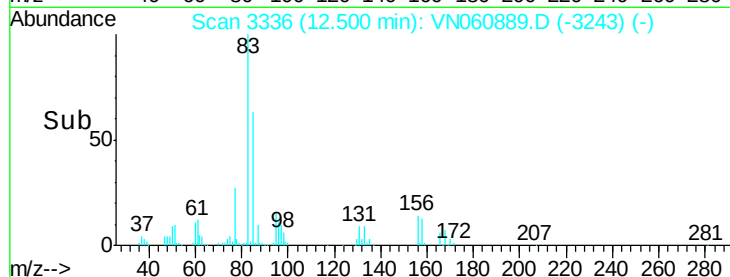
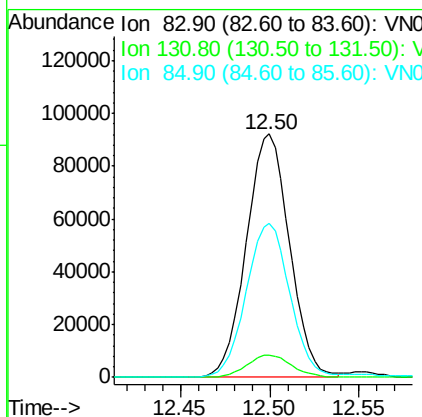
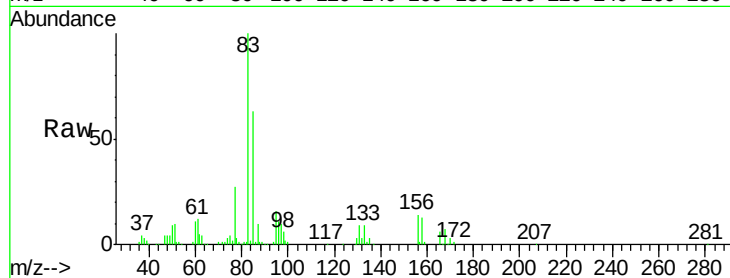
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	156026
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.9	14.7
85	63.8	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 46.190 ug/l m

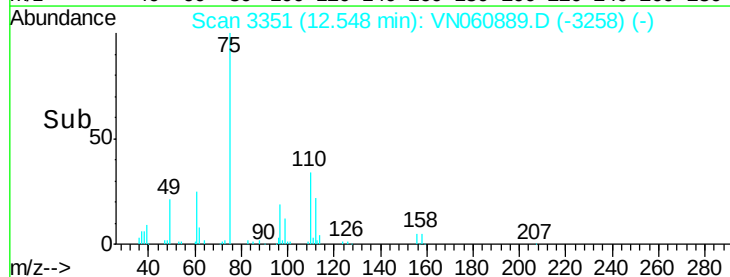
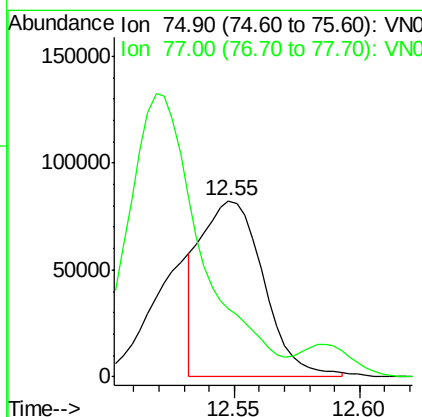
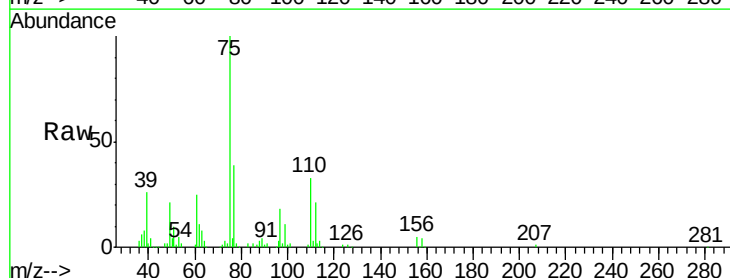
RT: 12.55 min Scan# 3351

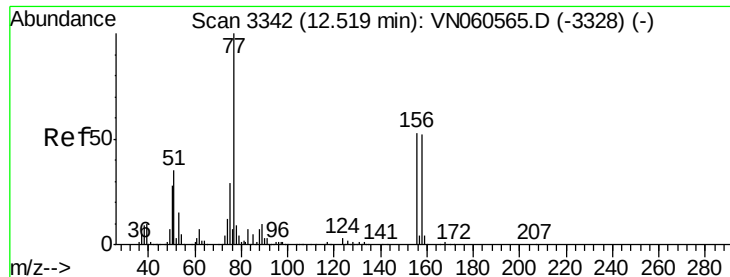
Delta R.T. -0.00 min

Lab File: VN060889.D

Acq: 7 Apr 2020 19:50

Tgt Ion:	75	Resp:	142935
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 46.975 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060889.D

Acq: 7 Apr 2020 19:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 121823

Ion Ratio Lower Upper

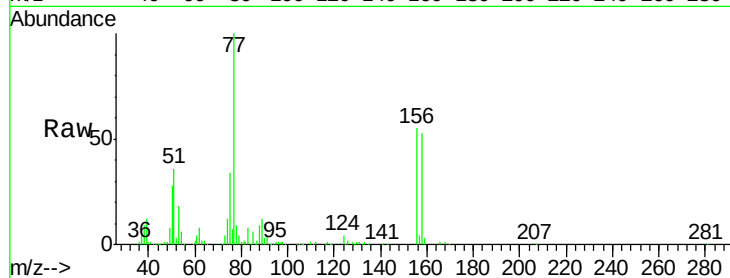
156 100

77 221.0 112.3 337.0

158 97.1 48.6 145.8

Manual Integrations
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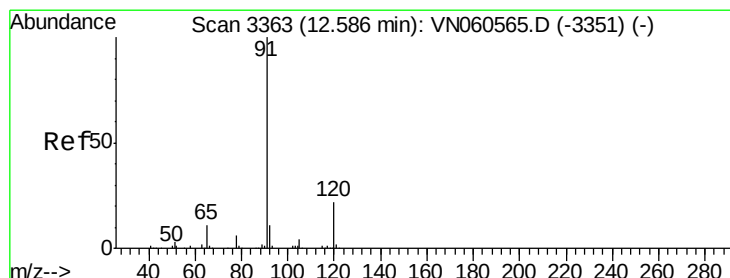
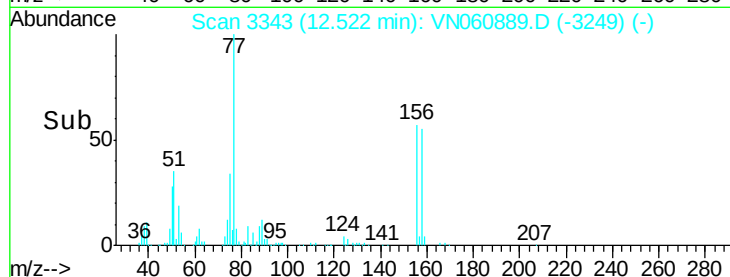
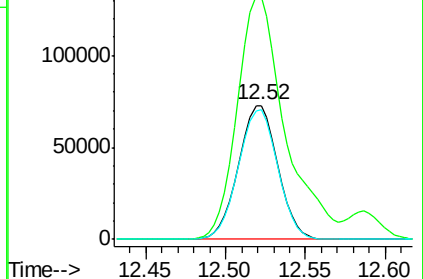
MMDadoda
4/8/2020 9:38:59 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.462 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060889.D

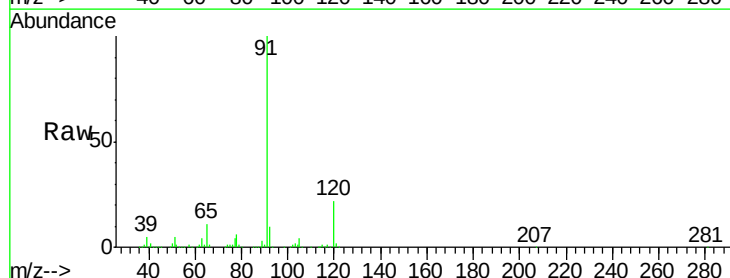
Acq: 7 Apr 2020 19:50

Tgt Ion: 91 Resp: 603472

Ion Ratio Lower Upper

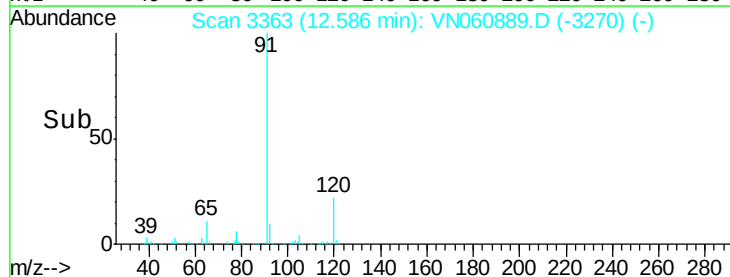
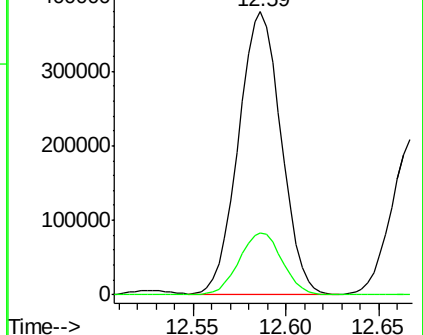
91 100

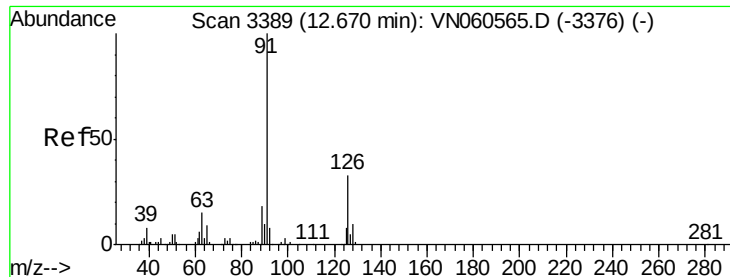
120 22.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.348 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060889.D

Acq: 7 Apr 2020 19:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 352117

Ion Ratio Lower Upper

91 100

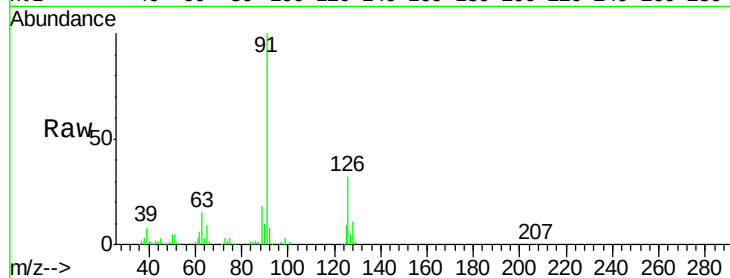
126 32.3 16.4 49.1

Manual Integrations

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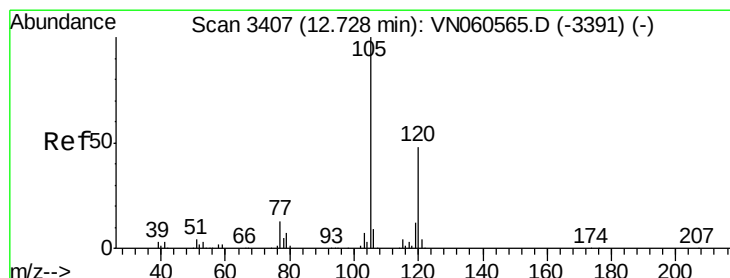
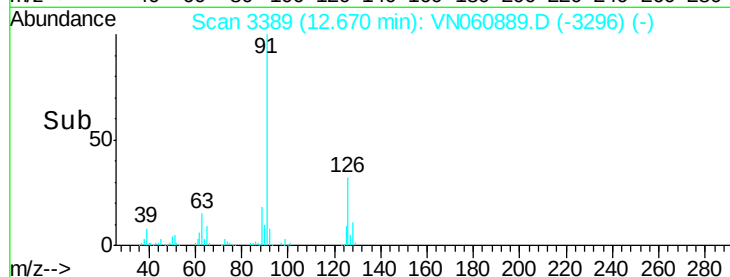
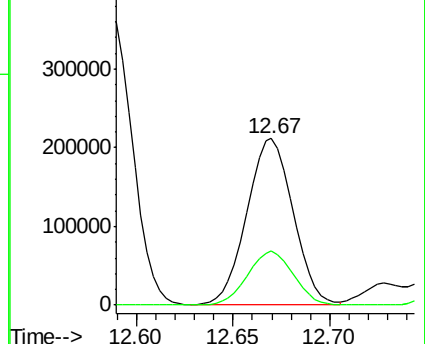
MMDadoda

4/8/2020 9:38:59 AM



Abundance Ion 91.00 (90.70 to 91.70): VN060889.D (-3296) (-)

Ion 125.90 (125.60 to 126.60): VN060889.D (-3296) (-)



#80

1,3,5-Trimethylbenzene

Concen: 46.877 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060889.D

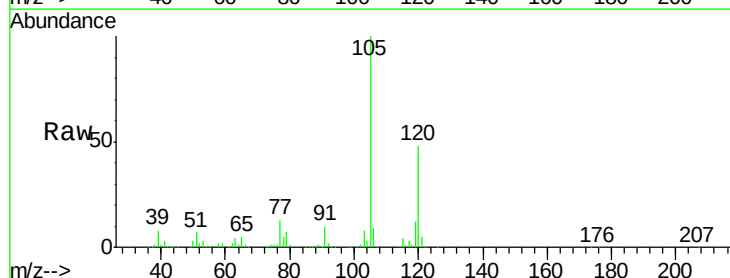
Acq: 7 Apr 2020 19:50

Tgt Ion: 105 Resp: 428136

Ion Ratio Lower Upper

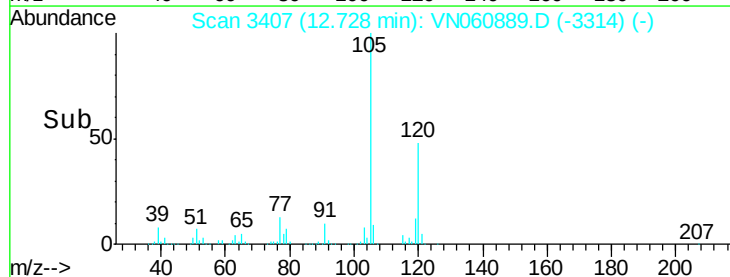
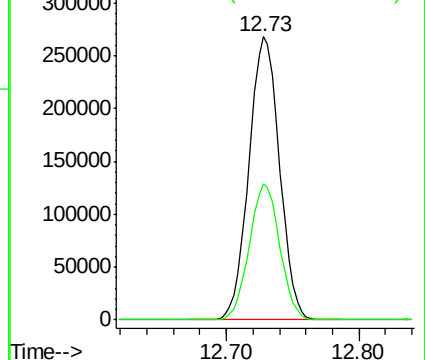
105 100

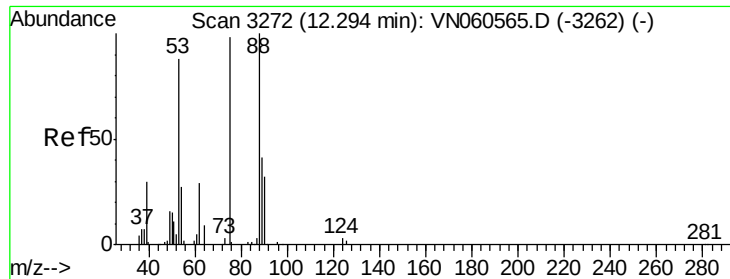
120 47.9 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060889.D (-3314) (-)

Ion 120.00 (119.70 to 120.70): VN060889.D (-3314) (-)





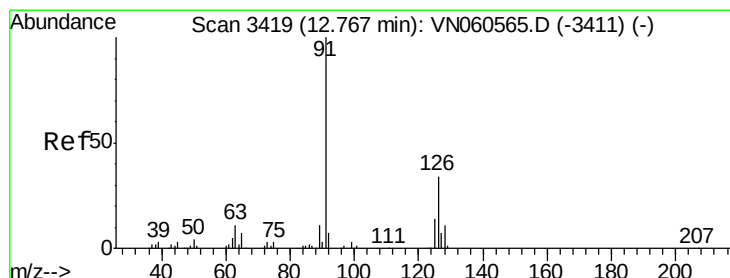
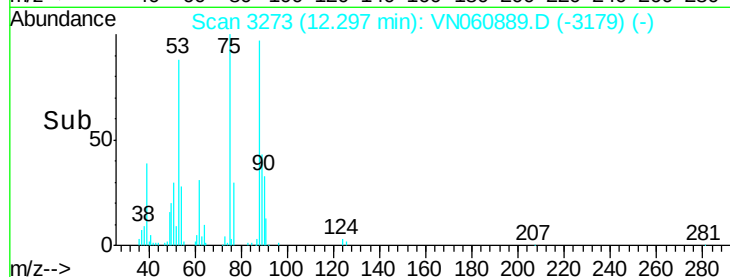
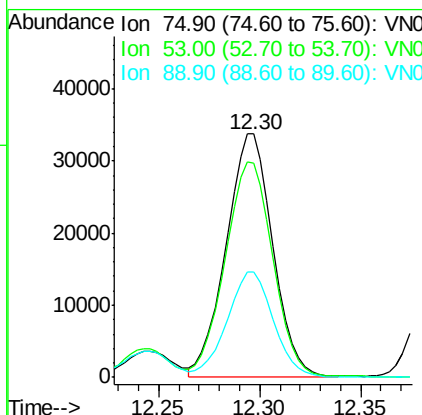
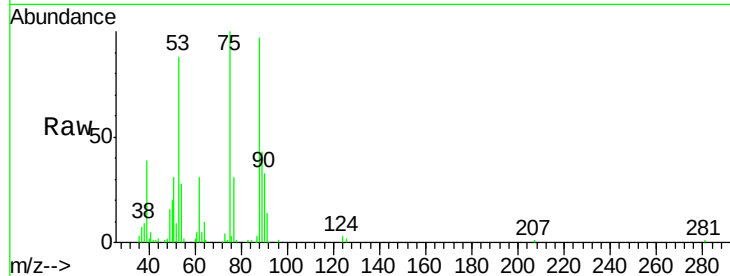
#81
trans-1,4-Dichloro-2-butene
Concen: 45.305 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. 0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.8	73.0	109.4
89	42.9	34.8	52.2

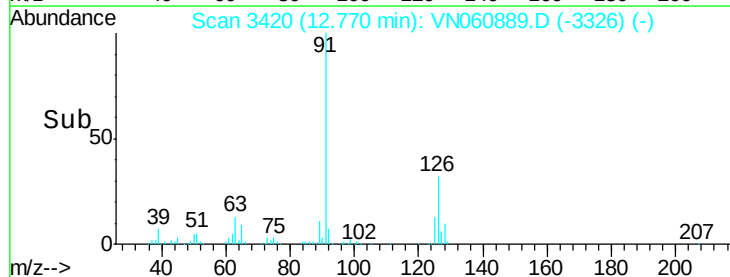
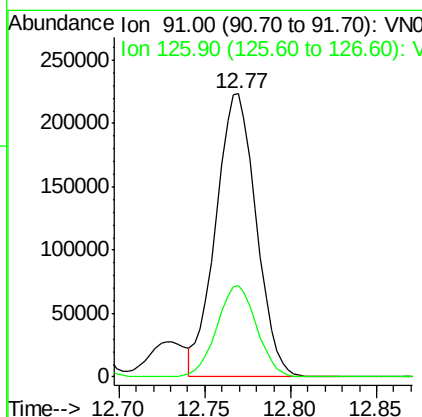
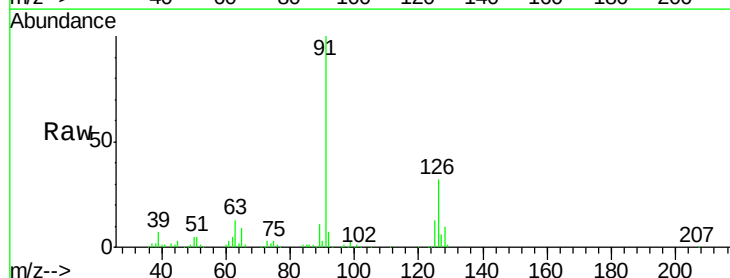
Manual Integrations
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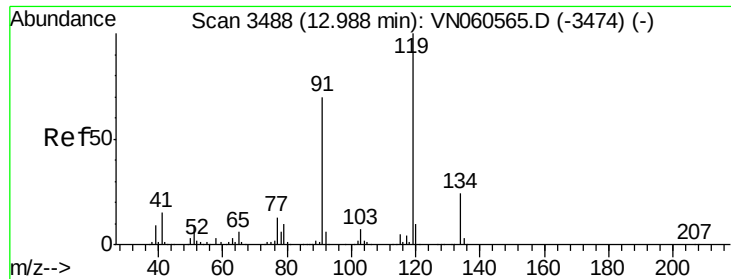
MMDadoda
4/8/2020 9:38:59 AM



#82
4-Chlorotoluene
Concen: 47.314 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.0	16.2	48.5





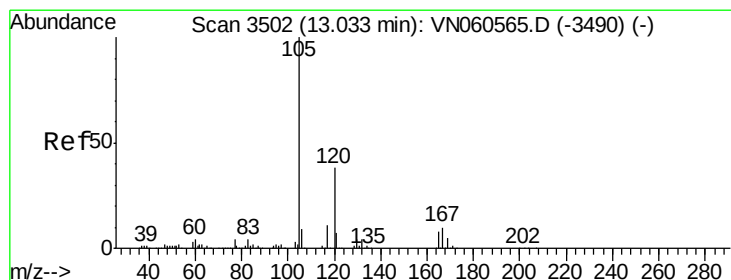
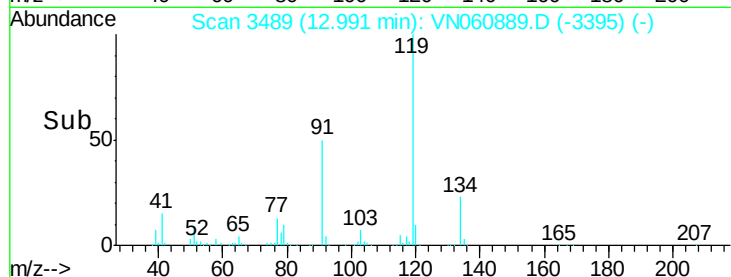
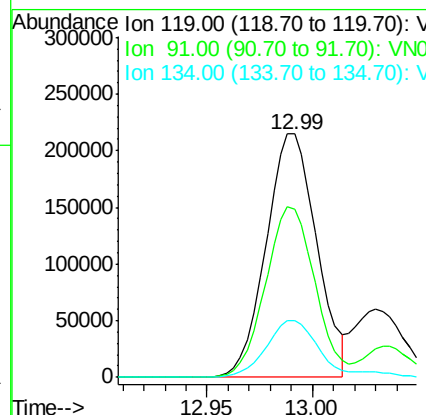
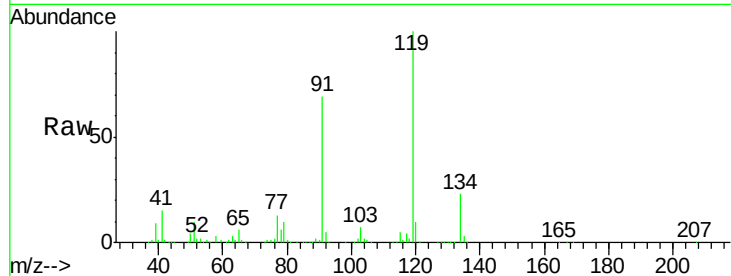
#83
 tert-Butylbenzene
 Concen: 47.378 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN060889.D
 Acq: 7 Apr 2020 19:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.5	34.0	101.8
134	25.2	12.7	38.0

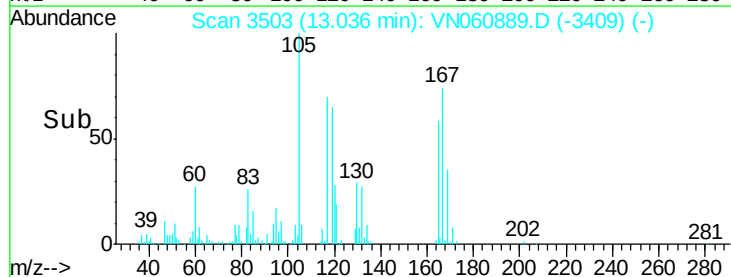
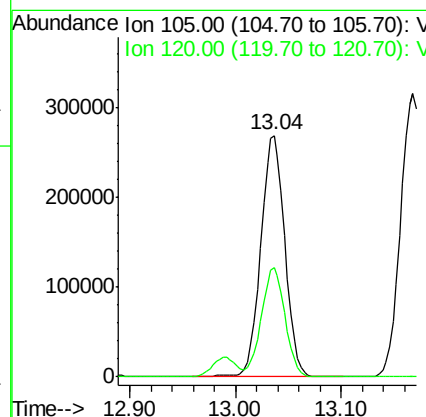
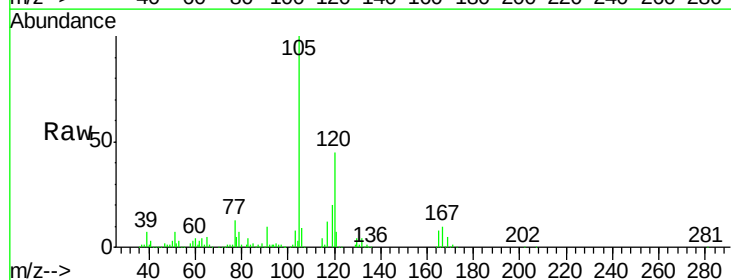
Manual Integrations
 APPROVED

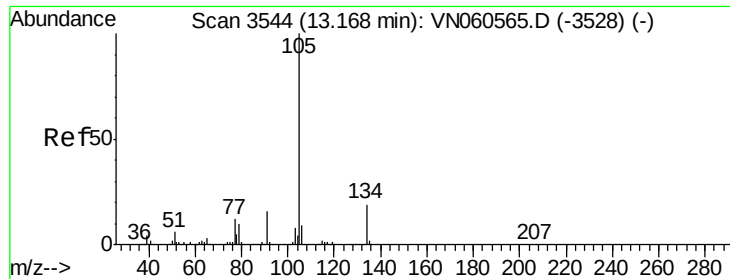
MMDadoda
 4/8/2020 9:38:59 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 47.282 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060889.D
 Acq: 7 Apr 2020 19:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.1	66.5





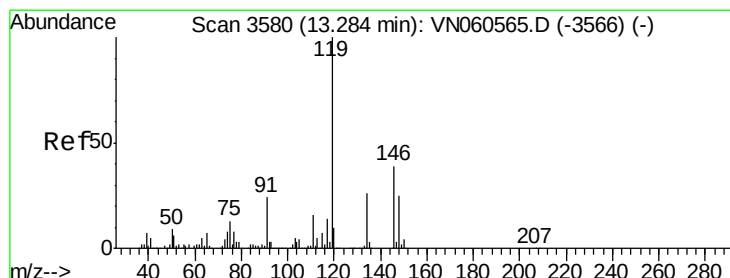
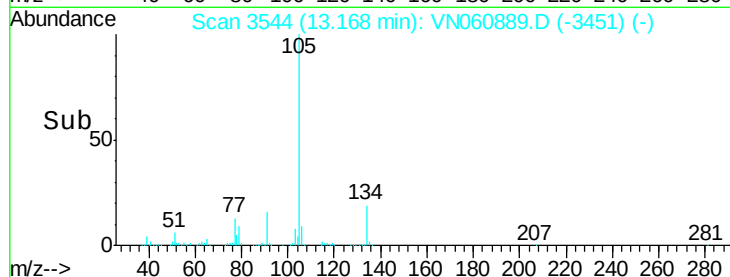
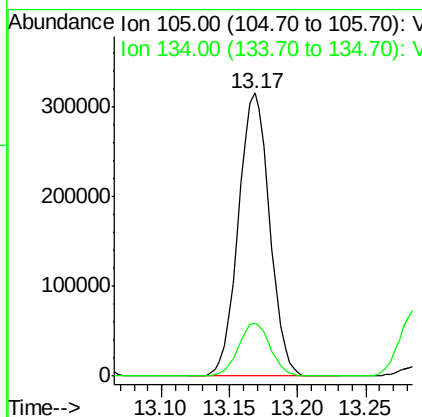
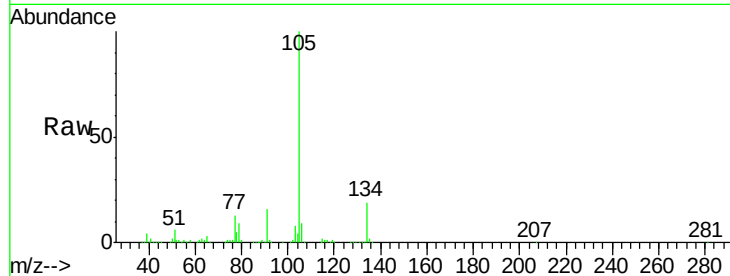
#85
 sec-Butylbenzene
 Concen: 49.073 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN060889.D
 Acq: 7 Apr 2020 19:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	499607		
134	19.0	9.6	28.8	

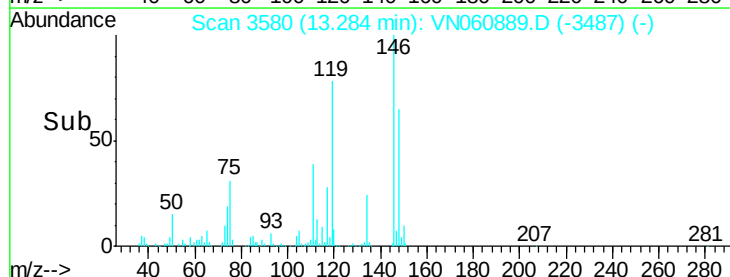
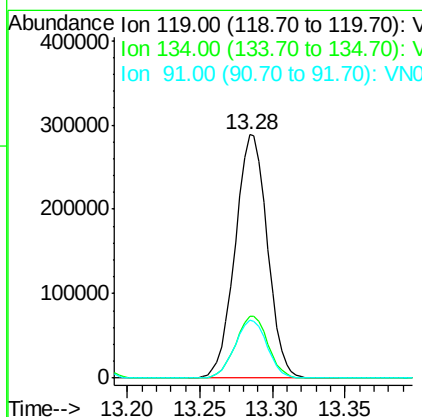
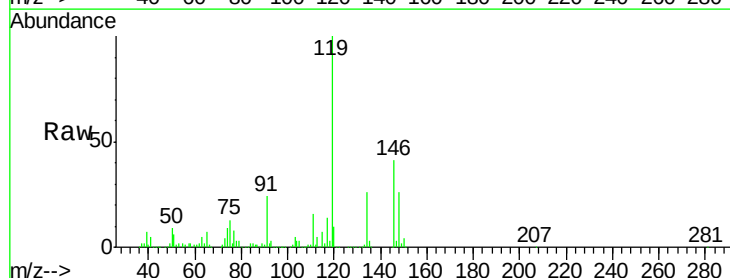
Manual Integrations
 APPROVED

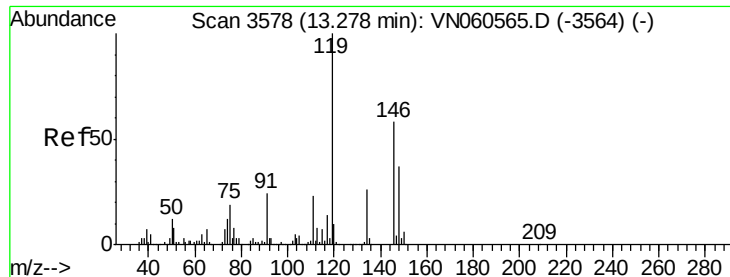
MMDadoda
 4/8/2020 9:38:59 AM



#86
 p-Isopropyltoluene
 Concen: 48.385 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN060889.D
 Acq: 7 Apr 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	442960		
134	25.7	13.0	39.0	
91	24.0	12.0	36.0	





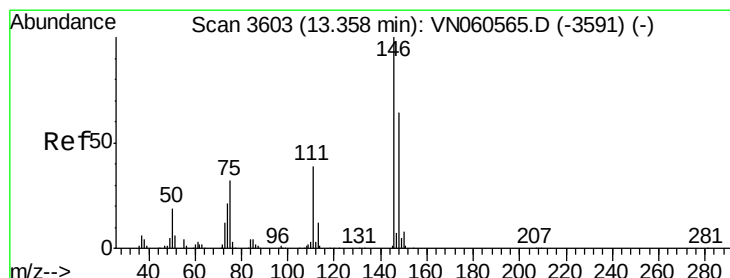
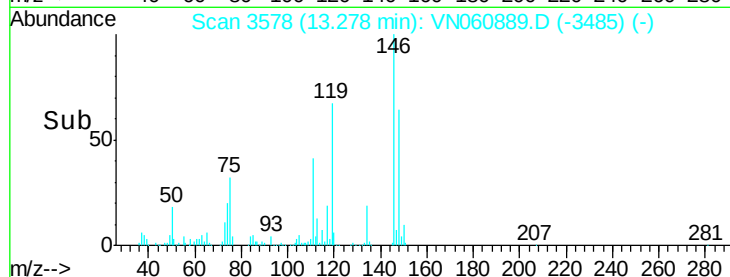
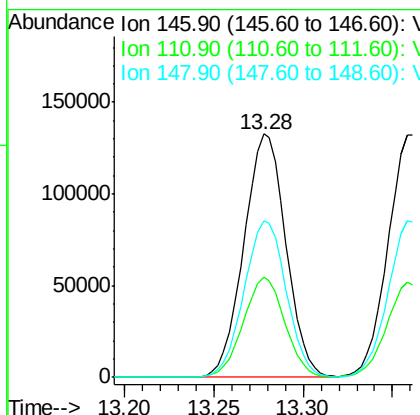
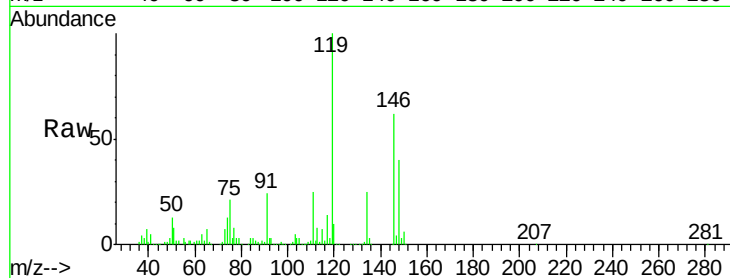
#87
 1,3-Dichlorobenzene
 Concen: 47.758 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060889.D
 Acq: 7 Apr 2020 19:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	60.8
148	64.7	32.5	97.4

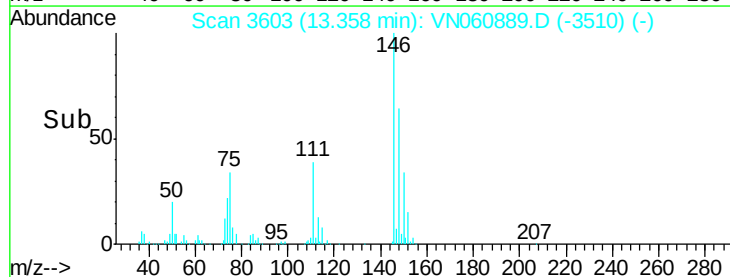
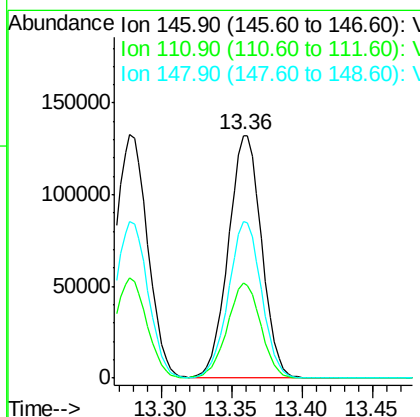
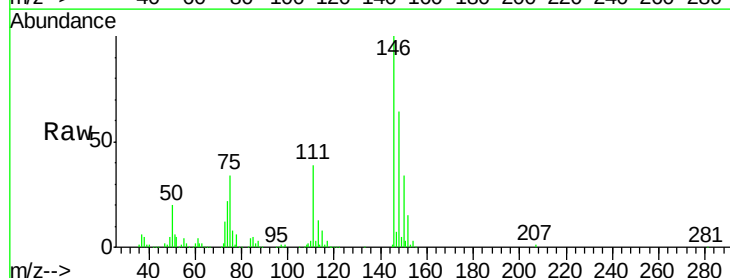
Manual Integrations
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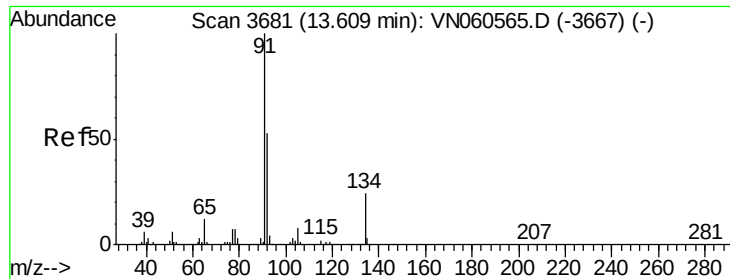
MMDadoda
 4/8/2020 9:38:59 AM



#88
 1,4-Dichlorobenzene
 Concen: 47.490 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN060889.D
 Acq: 7 Apr 2020 19:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.6	58.7
148	64.2	32.1	96.3





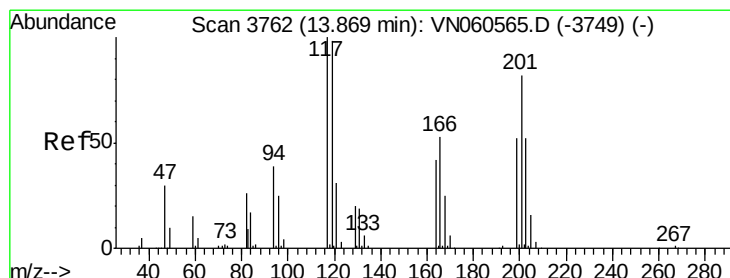
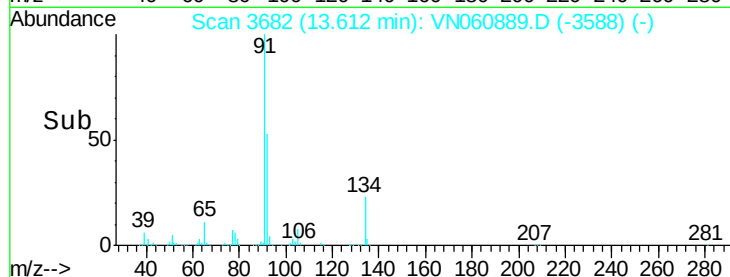
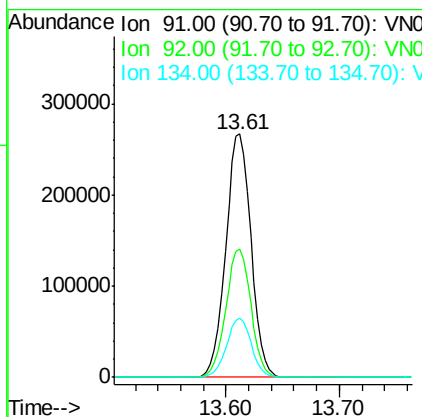
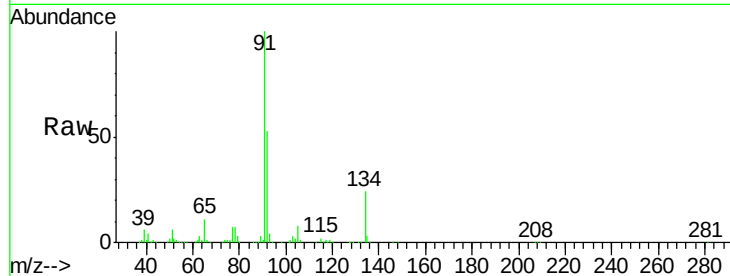
#89
n-Butylbenzene
Concen: 49.921 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.2	78.5
134	24.0	12.3	36.9

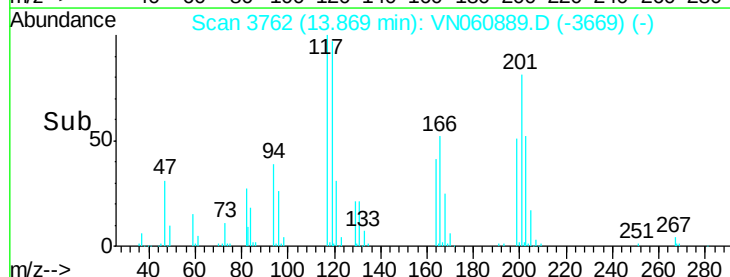
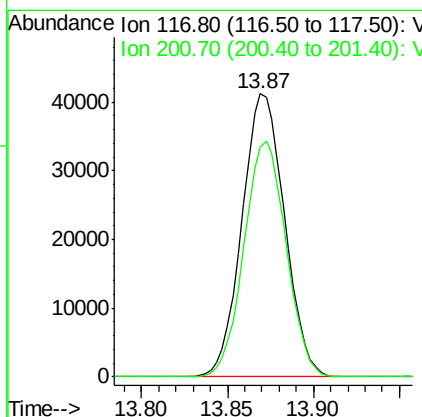
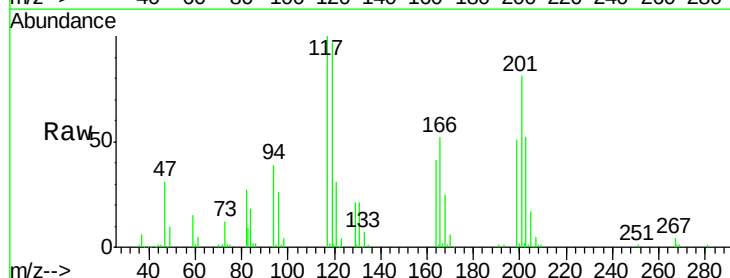
Manual Integrations
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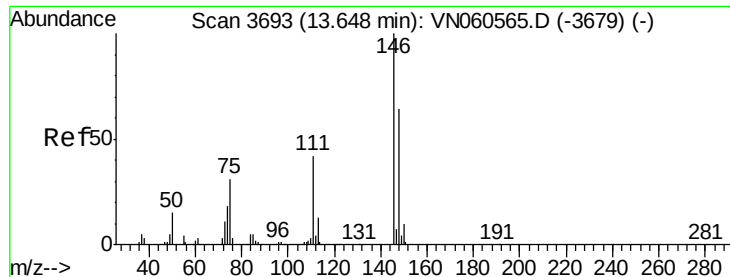
MMDadoda
4/8/2020 9:38:59 AM



#90
Hexachloroethane
Concen: 53.168 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN060889.D
Acq: 7 Apr 2020 19:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.2	40.8	122.5





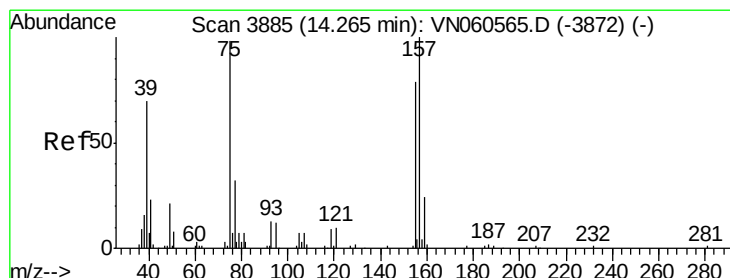
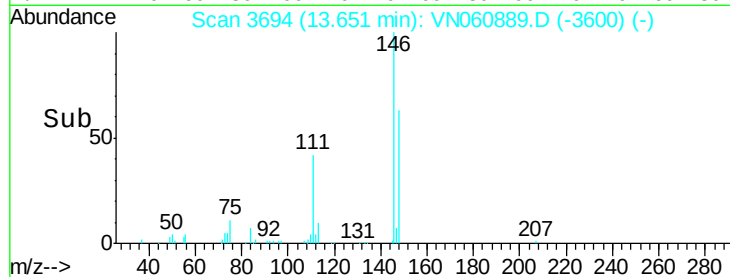
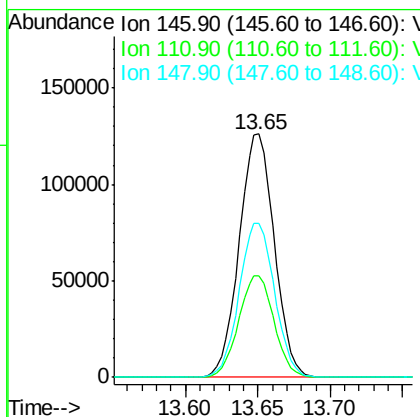
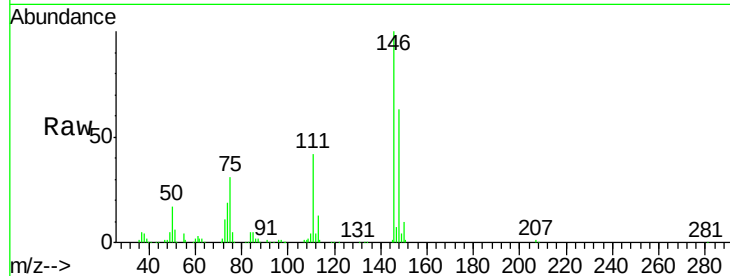
#91
 1,2-Dichlorobenzene
 Concen: 48.525 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN060889.D
 Acq: 7 Apr 2020 19:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.0	63.0
148	63.9	31.9	95.5

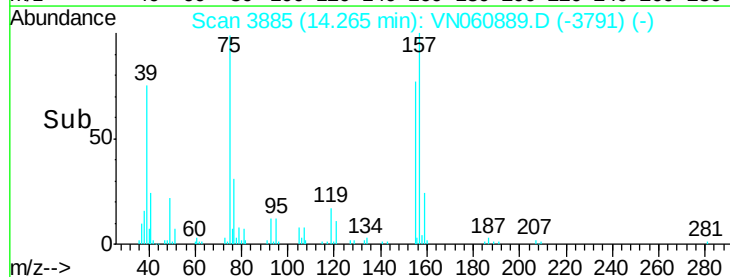
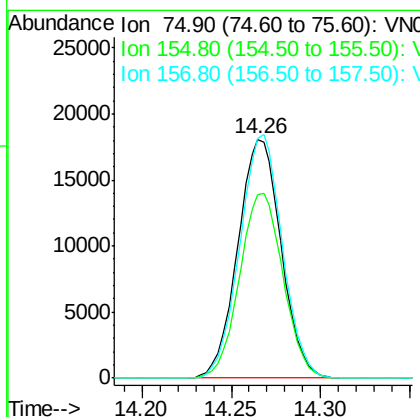
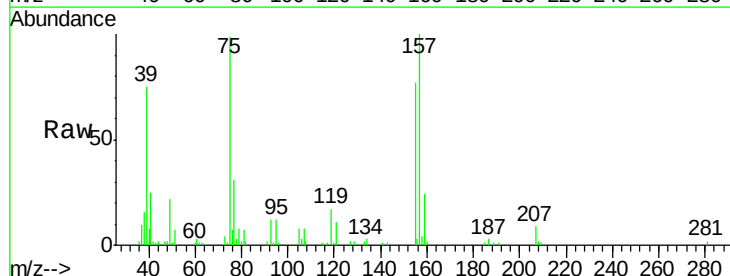
Manual Integrations
 APPROVED

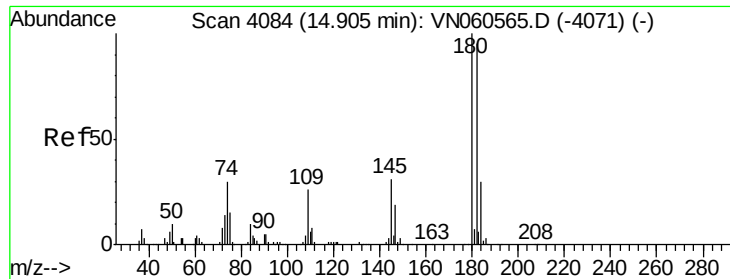
MMDadoda
 4/8/2020 9:38:59 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.929 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060889.D
 Acq: 7 Apr 2020 19:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.3	40.7	122.1
157	100.0	51.5	154.7





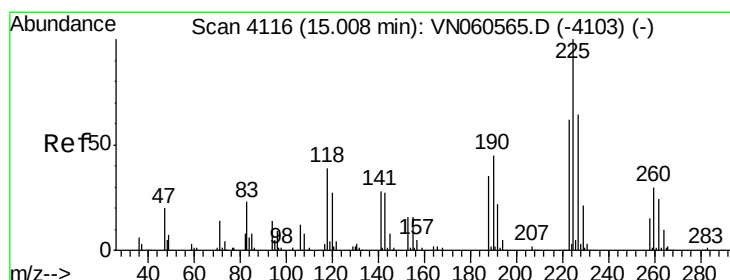
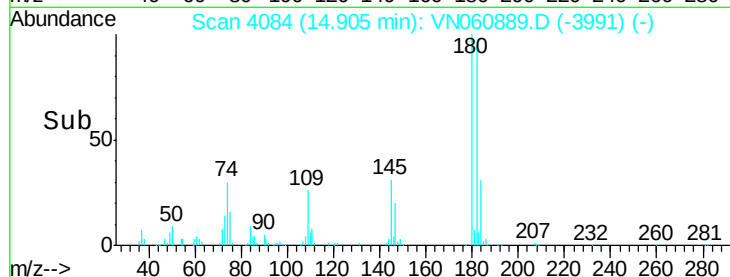
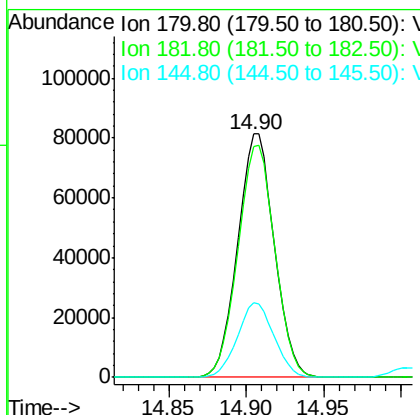
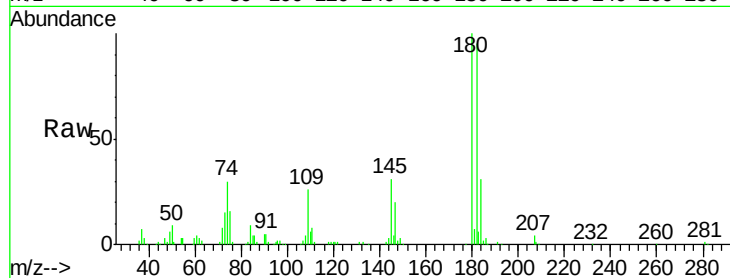
#93
 1,2,4-Trichlorobenzene
 Concen: 49.707 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060889.D
 Acq: 7 Apr 2020 19:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.9	143.8
145	30.7	15.4	46.2

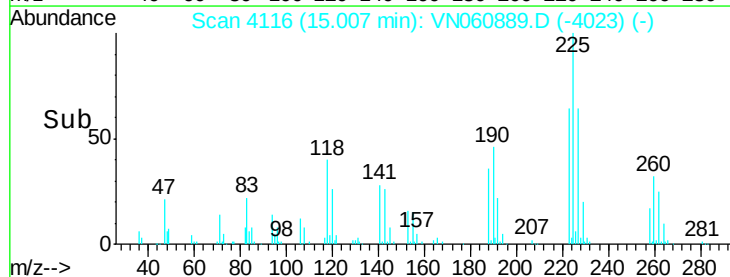
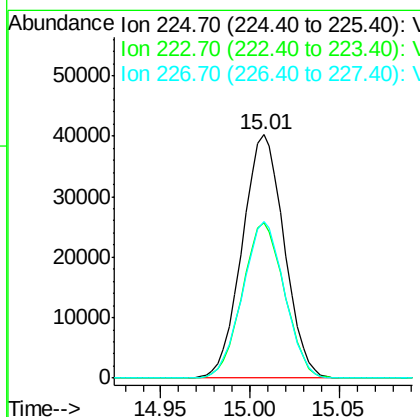
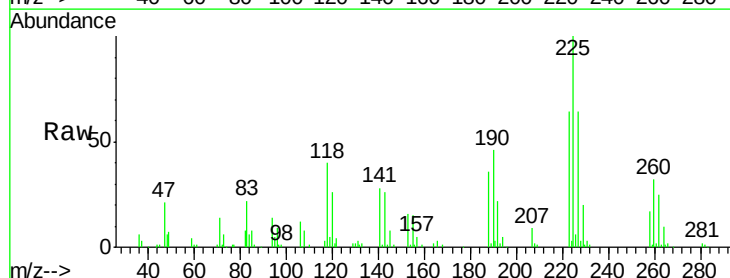
Manual Integrations
 APPROVED

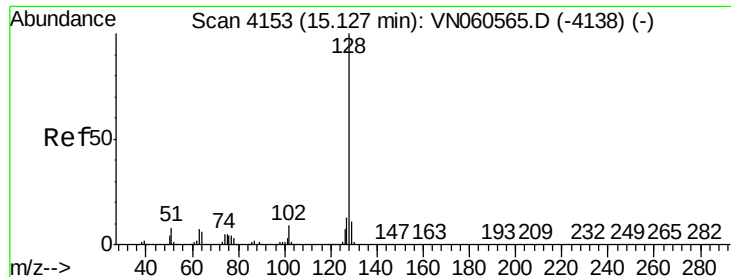
MMDadoda
 4/8/2020 9:38:59 AM



#94
 Hexachlorobutadiene
 Concen: 50.337 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060889.D
 Acq: 7 Apr 2020 19:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.6	95.0
227	64.2	32.3	96.8





#95

Naphthalene

Concen: 45.342 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060889.D

Acq: 7 Apr 2020 19:50

Instrument :

MSVOA_N

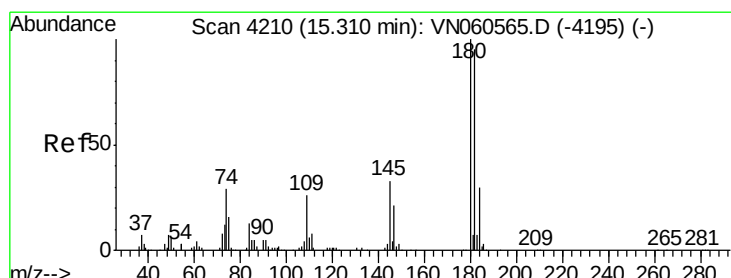
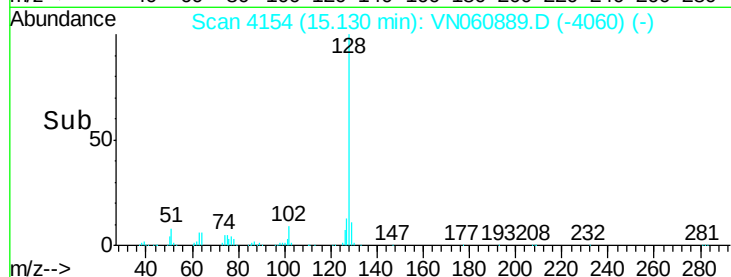
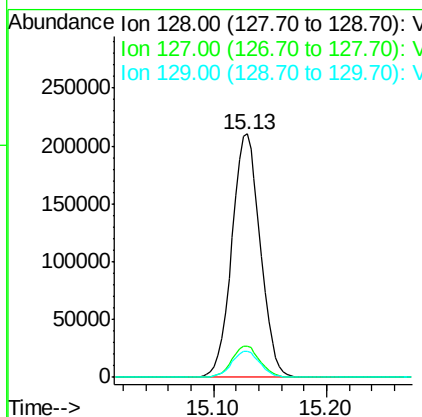
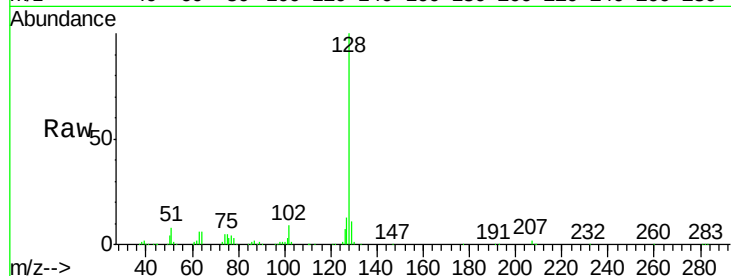
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	366283
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.2
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
4/8/2020 9:38:59 AM



#96

1,2,3-Trichlorobenzene

Concen: 47.624 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN060889.D

Acq: 7 Apr 2020 19:50

Tgt Ion:	180	Resp:	125985
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.5	142.6
145	32.5	16.3	48.8

