

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061020\
 Data File : VN061734.D
 Acq On : 10 Jun 2020 13:38
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061020

Manual Integrations
 APPROVED

MMDadoda
 6/11/2020 12:44:37 PM

Quant Time: Jun 11 03:07:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N061020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 10 12:28:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	77948	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.54	114	422205	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	385321	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.98	65	141674	29.14	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.13%
60) 4-Bromofluorobenzene	12.37	95	169466	29.85	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.50%
63) Toluene-d8	10.06	98	492803	30.11	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.37%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	63248	19.631	ug/l 97
3) Chloromethane	2.03	50	79340	20.598	ug/l 98
4) Vinyl Chloride	2.16	62	103847	19.319	ug/l 100
5) Bromomethane	2.54	94	68410	19.420	ug/l 99
6) Chloroethane	2.67	64	70450	18.748	ug/l 98
7) Trichlorofluoromethane	2.98	101	148203	19.052	ug/l 99
8) Diethyl Ether	3.37	74	46391	19.119	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	76996	19.353	ug/l 100
10) 1,1-Dichloroethene	3.69	96	74733	19.065	ug/l 97
11) Methyl Iodide	3.91	142	106138	19.869	ug/l 98
12) Methyl Acetate	4.28	43	58215	18.664	ug/l 97
13) Acrolein	3.56	56	41350	99.074	ug/l 100
14) Acrylonitrile	4.92	53	144238	89.600	ug/l # 91
15) Acetone	3.77	58	49392	102.604	ug/l 95
16) Carbon Disulfide	4.00	76	177699	21.888	ug/l 99
17) Allyl chloride	4.27	41	83244	18.643	ug/l 97
18) Methylene Chloride	4.50	84	82500	18.341	ug/l 98
19) trans-1,2-Dichloroethene	4.98	96	83772	19.219	ug/l 99
20) Diisopropyl ether	5.90	45	199530	18.705	ug/l 98
21) 1,1-Dichloroethane	5.79	63	128877	18.171	ug/l 99
22) cis-1,2-Dichloroethene	6.78	96	93936	18.374	ug/l 99
23) tert-Butyl Alcohol	4.73	59	60444	97.096	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	227933	18.241	ug/l # 91
25) Chloroform	7.32	83	147573	18.366	ug/l 99
26) Cyclohexane	7.61	56	106231	19.615	ug/l # 100
29) 1,1-Dichloropropene	7.75	75	107383	18.928	ug/l 99
30) 2-Butanone	6.78	43	183333	93.287	ug/l 100
31) 2,2-Dichloropropane	6.77	77	122321	18.416	ug/l 100
32) 1,1,1-Trichloroethane	7.52	97	133663	18.451	ug/l 98
33) Carbon Tetrachloride	7.73	117	107421	18.212	ug/l 97
34) Benzene	8.00	78	329253	18.617	ug/l 98
35) Methacrylonitrile	7.12	41	30560	16.744	ug/l # 77
36) 1,2-Dichloroethane	8.08	62	101202	17.706	ug/l 99
37) Trichloroethene	8.80	130	100451	18.210	ug/l 97
38) Methylcyclohexane	9.04	83	123682	19.477	ug/l 100
39) 1,2-Dichloropropane	9.08	63	77409	18.274	ug/l 96
40) Dibromomethane	9.17	93	58047	18.270	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	116989	18.151	ug/l	99
42) Vinyl Acetate	5.84	43	760948	93.865	ug/l	100
43) Ethyl Acetate	6.87	43	69211	17.343	ug/l	97
44) Isopropyl Acetate	8.12	43	128484	17.794	ug/l	98
45) 1,4-Dioxane	9.16	88	29345	397.655	ug/l	98
46) Methyl methacrylate	9.16	41	54618	17.436	ug/l	98
47) n-amyl Acetate	12.04	43	105338	17.216	ug/l	99
48) t-1,3-Dichloropropene	10.35	75	121260	18.040	ug/l	100
49) cis-1,3-Dichloropropene	9.81	75	132950	18.093	ug/l	96
50) 1,1,2-Trichloroethane	10.53	97	83128	18.005	ug/l	98
51) Ethyl methacrylate	10.40	69	107749	17.962	ug/l	98
52) 1,3-Dichloropropane	10.68	76	134063	18.232	ug/l	100
53) Dibromochloromethane	10.87	129	95554	17.564	ug/l	99
54) 1,2-Dibromoethane	10.98	107	87895	18.172	ug/l	99
55) 2-Chloroethyl vinyl ether	9.66	63	207063	90.816	ug/l	100
56) Bromoform	12.10	173	65534	17.252	ug/l	100
58) 4-Methyl-2-Pentanone	9.95	43	371926	93.331	ug/l	99
59) 2-Hexanone	10.72	43	273215	94.546	ug/l	99
61) Tetrachloroethene	10.60	164	108285	18.403	ug/l	91
62) Toluene	10.12	91	368338	19.040	ug/l	98
64) Chlorobenzene	11.40	112	233331	18.744	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.48	131	89160	18.790	ug/l	99
66) Ethyl Benzene	11.48	91	401127	18.941	ug/l	99
67) m/p-Xylenes	11.59	106	316014	37.513	ug/l	100
68) o-Xylene	11.92	106	150451	18.909	ug/l	100
69) Styrene	11.94	104	245454	18.211	ug/l	100
70) Isopropylbenzene	12.22	105	399789	19.024	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	102178	18.303	ug/l	99
72) 1,2,3-Trichloropropane	12.53	75	93927m	17.848	ug/l	
73) Bromobenzene	12.50	156	107510	18.936	ug/l	96
74) n-propylbenzene	12.56	91	448547	18.882	ug/l	100
75) 2-Chlorotoluene	12.65	91	264420	18.886	ug/l	100
76) 1,3,5-Trimethylbenzene	12.71	105	331634	18.929	ug/l	99
77) t-1,4-Dichloro-2-butene	12.27	75	34728	18.293	ug/l	98
78) 4-Chlorotoluene	12.75	91	270511	18.543	ug/l	100
79) tert-butylbenzene	12.97	119	283976	18.743	ug/l	98
80) 1,2,4-Trimethylbenzene	13.01	105	328938	18.665	ug/l	100
81) sec-Butylbenzene	13.15	105	370016	18.899	ug/l	100
82) p-Isopropyltoluene	13.27	119	337868	18.589	ug/l	100
83) 1,3-Dichlorobenzene	13.26	146	183513	18.110	ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	180903	18.170	ug/l	100
85) n-Butylbenzene	13.59	91	276907	18.445	ug/l	99
86) Hexachloroethane	13.85	117	46894	18.950	ug/l	100
87) 1,2-Dichlorobenzene	13.63	146	177744	18.465	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.25	75	17949	17.308	ug/l	98
89) 1,2,4-Trichlorobenzene	14.88	180	102519	18.162	ug/l	99
90) Hexachlorobutadiene	14.98	225	46392	18.956	ug/l	97
91) Naphthalene	15.10	128	278262	17.764	ug/l	100
92) 1,2,3-Trichlorobenzene	15.28	180	99823	18.054	ug/l	99

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ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

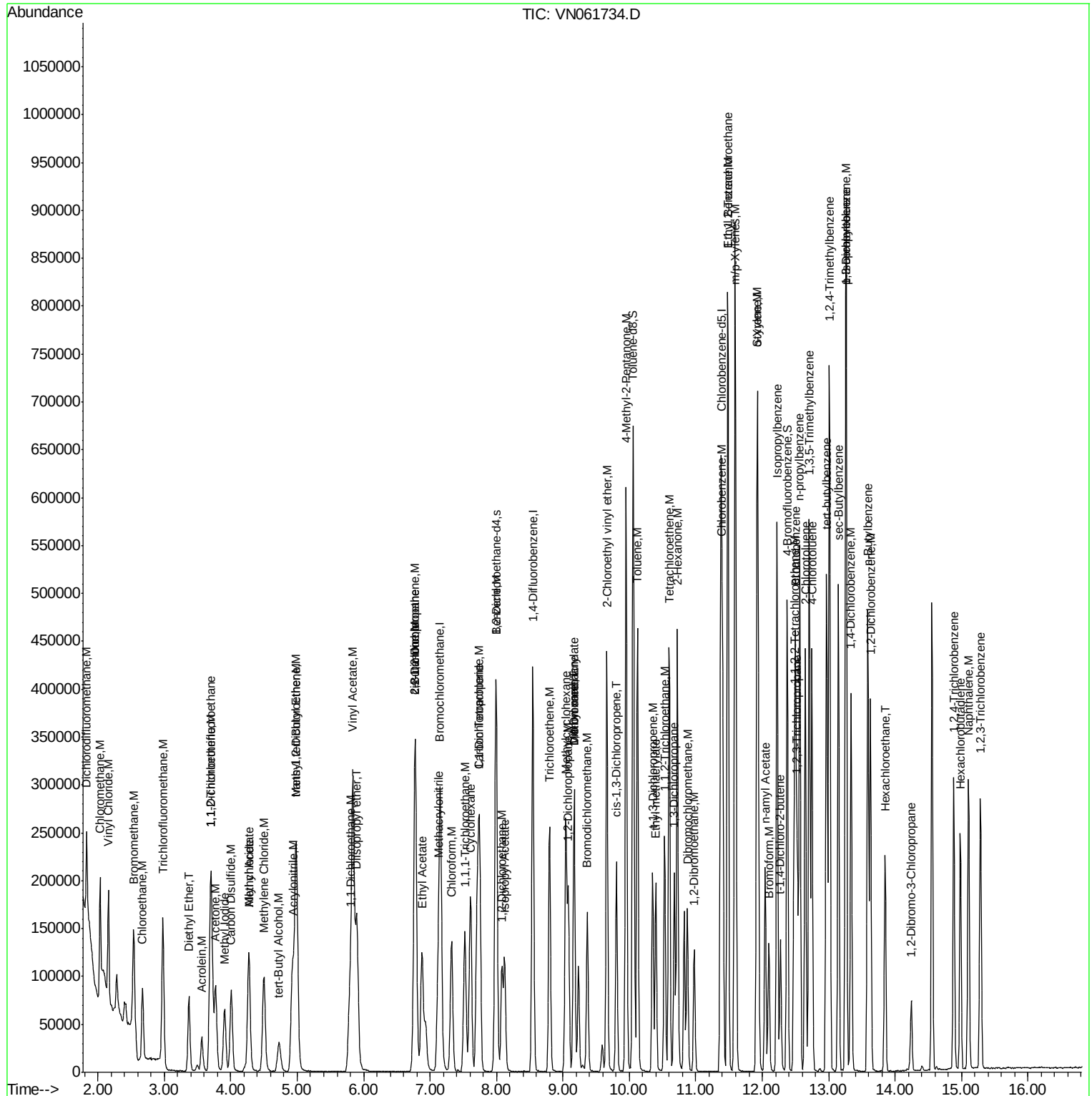
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061020\
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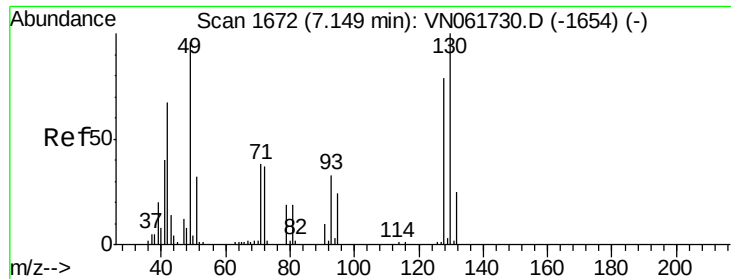
Instrument :
MSVOA_N
Client Sampled :
ICVVN061020

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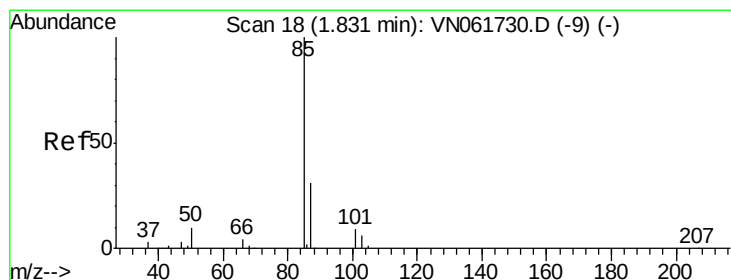
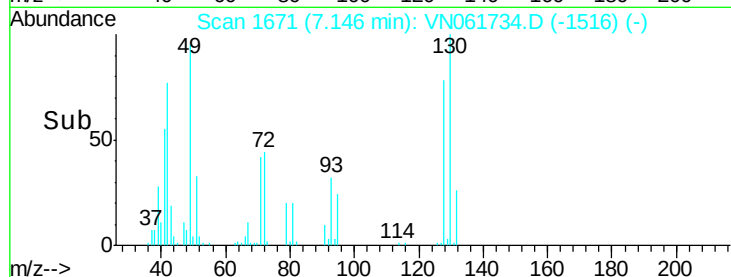
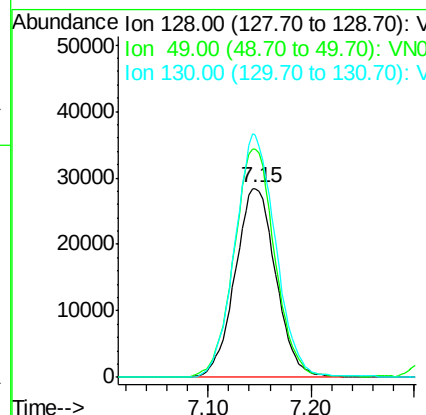
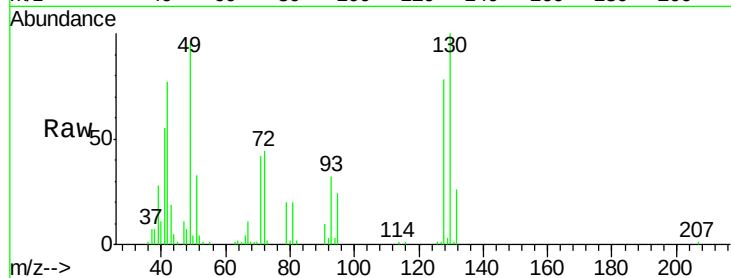
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Instrument :
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ClientSampleId :
ICVVN061020

Tot Ion	Ratio	Lower	Upper
128	100		
49	121.6	0.0	312.3
130	128.4	0.0	328.7

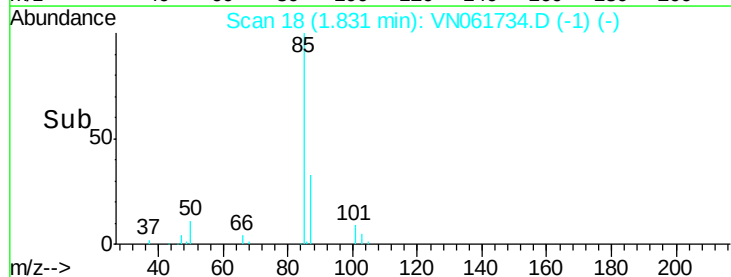
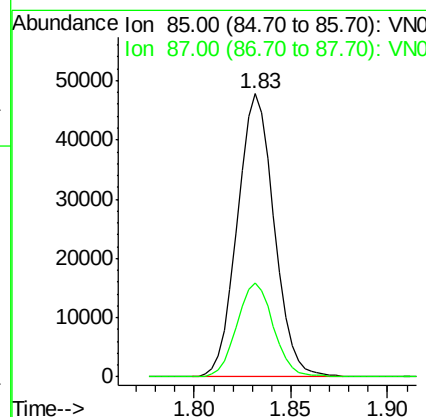
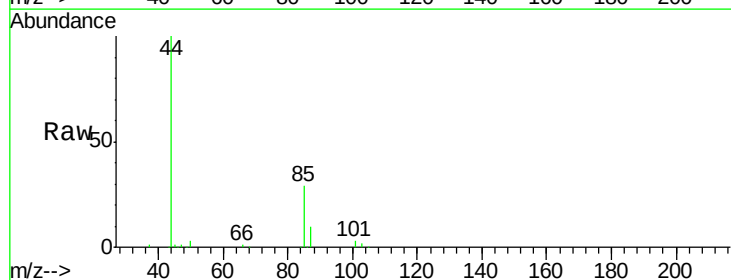
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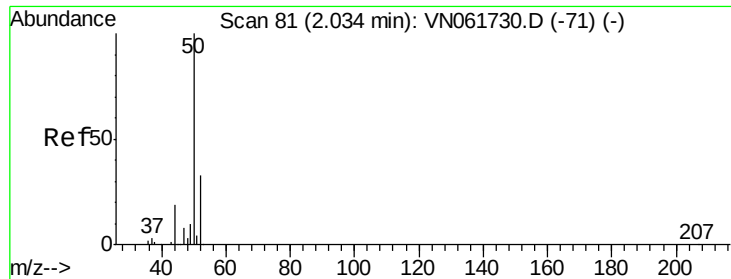
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#2
Dichlorodifluoromethane
Concen: 19.631 ug/l
RT: 1.83 min Scan# 18
Delta R.T. 0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.2	15.7	47.1





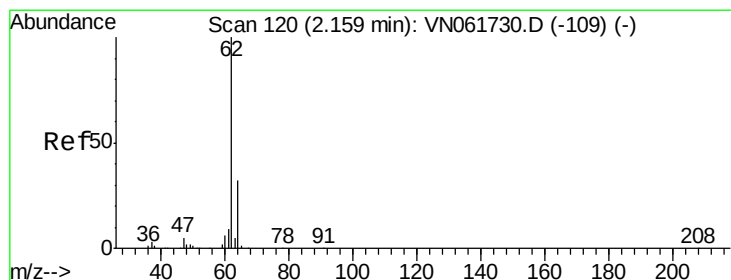
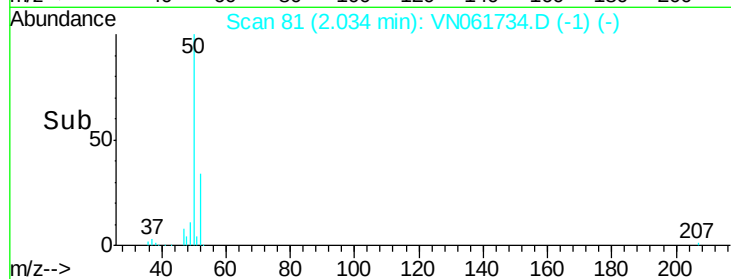
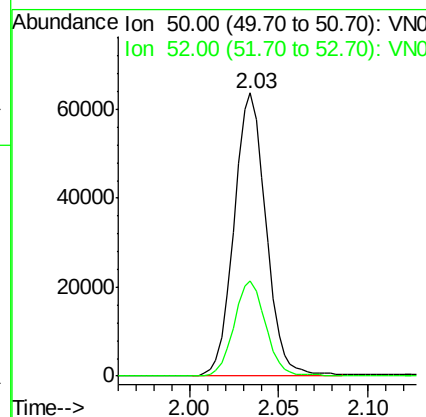
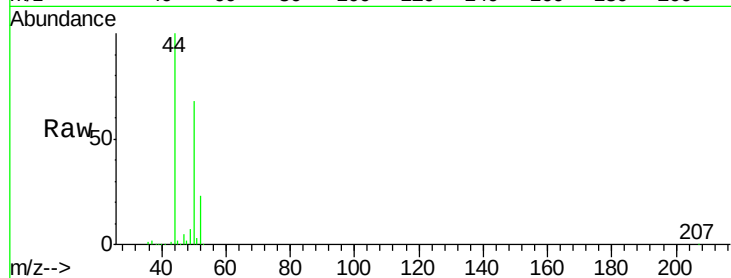
#3
Chloromethane
Concen: 20.598 ug/l
RT: 2.03 min Scan# 81
Delta R.T. 0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

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Tot Ion	50	Resp	79340
Ion Ratio	100	Lower	Upper
52	33.5	26.2	39.2

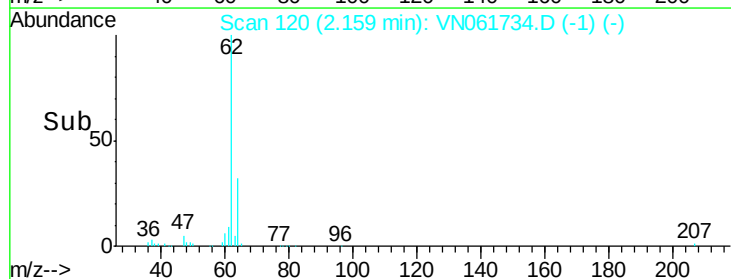
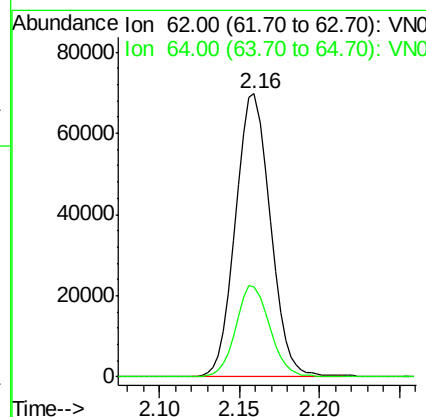
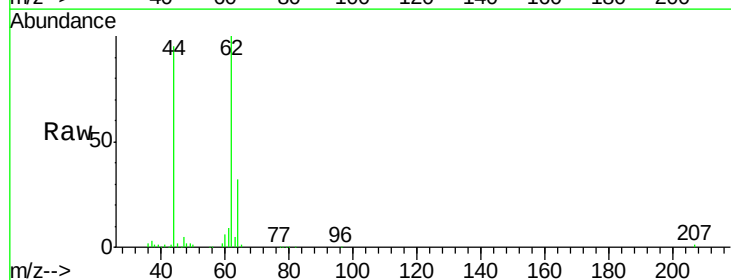
Manual Integrations
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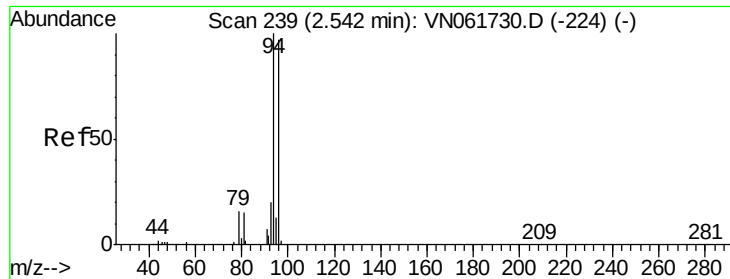
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#4
Vinyl Chloride
Concen: 19.319 ug/l
RT: 2.16 min Scan# 120
Delta R.T. 0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Tgt Ion	62	Resp	103847
Ion Ratio	100	Lower	Upper
64	31.8	25.5	38.3





#5

Bromomethane

Concen: 19.420 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

ICVVN061020

Tot Ion: 94 Resp: 68410

Ion Ratio Lower Upper

94 100

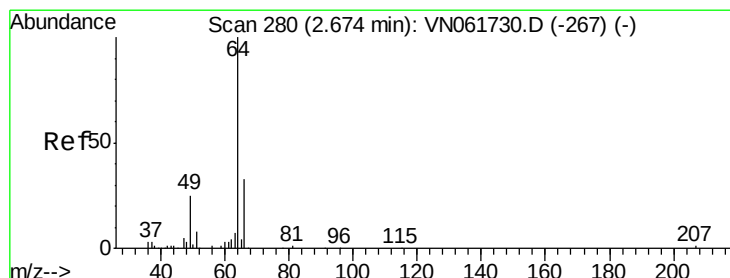
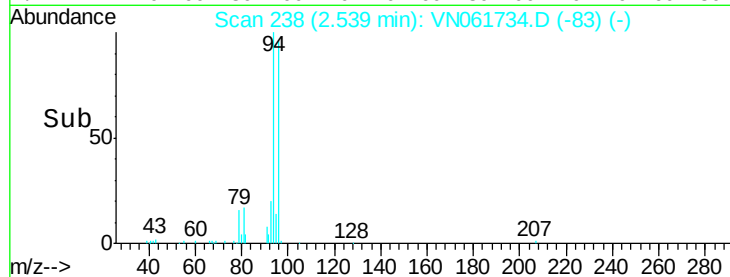
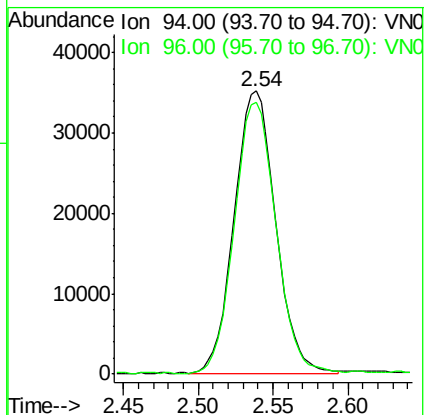
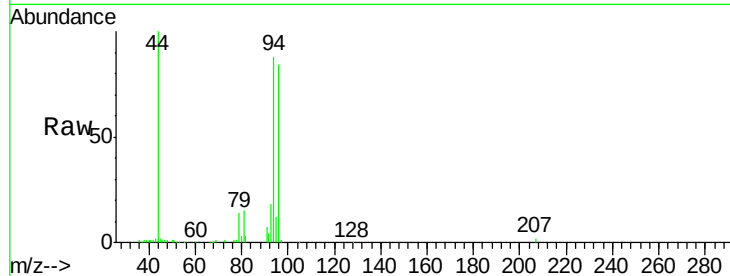
96 96.0 77.4 116.2

Manual Integrations

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#6

Chloroethane

Concen: 18.748 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN061734.D

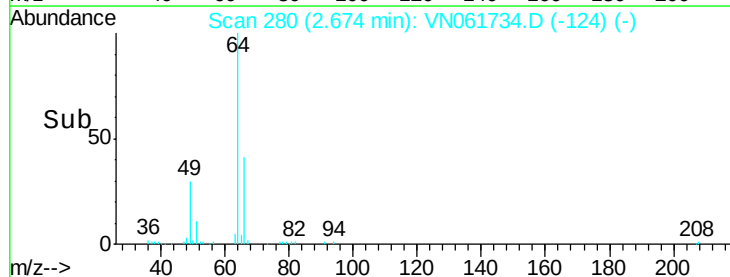
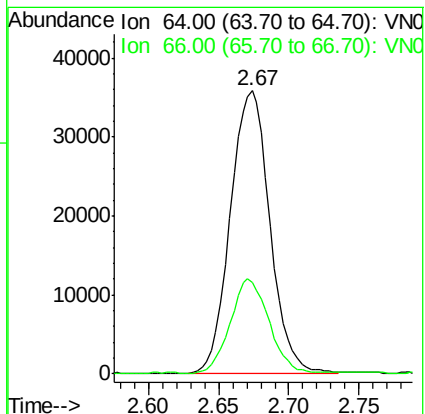
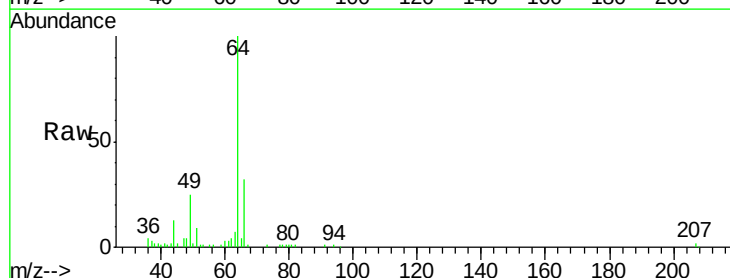
Acq: 10 Jun 2020 13:38

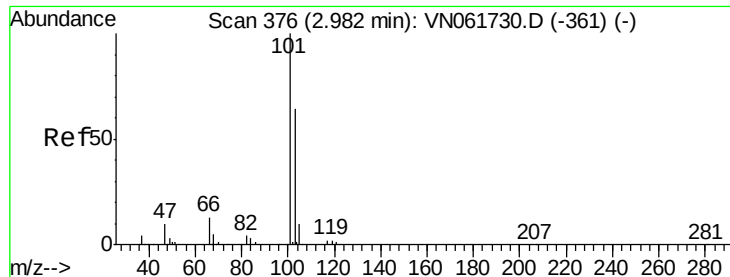
Tgt Ion: 64 Resp: 70450

Ion Ratio Lower Upper

64 100

66 32.3 26.6 39.8





#7

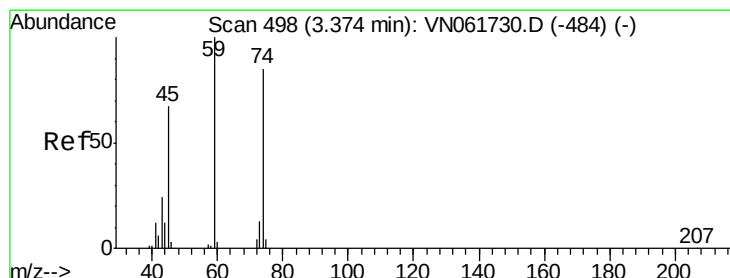
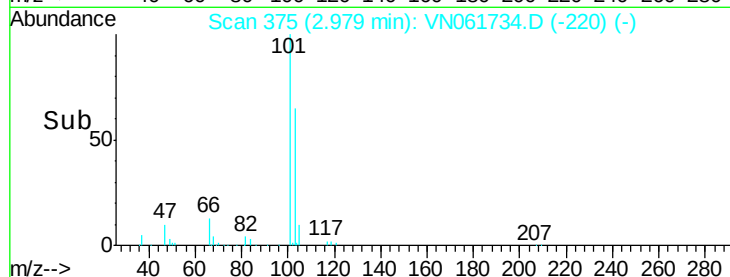
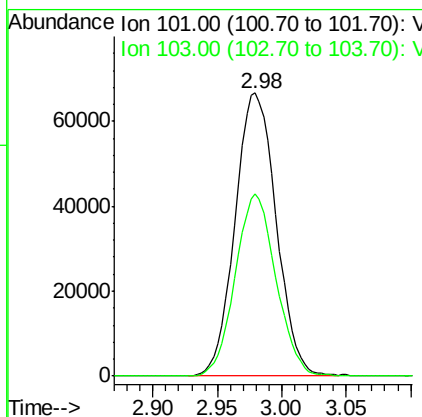
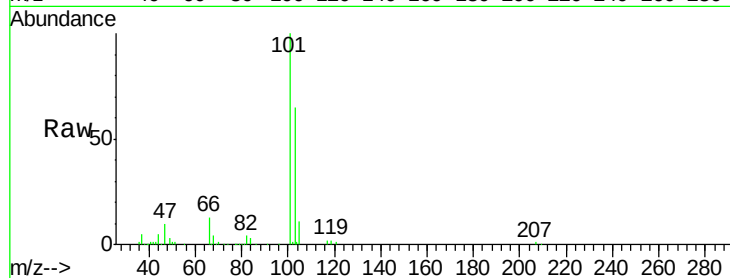
Trichlorofluoromethane
Concen: 19.052 ug/l
RT: 2.98 min Scan# 375
Delta R.T. -0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Instrument :
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ClientSampleId :
ICVVN061020

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.1	76.7

Manual Integrations
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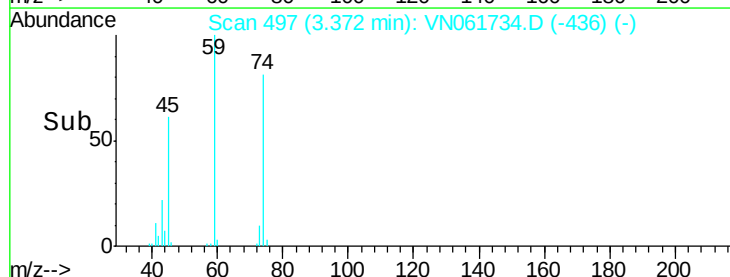
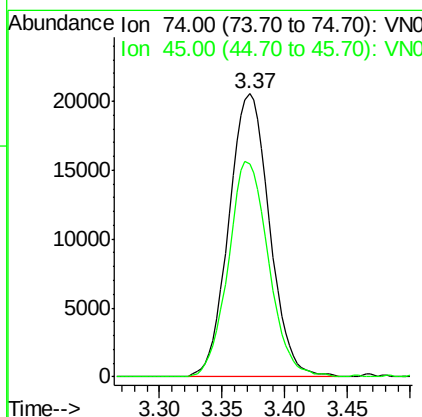
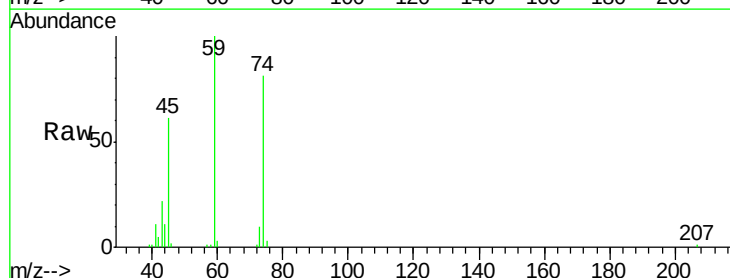
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6/11/2020 12:44:37 PM

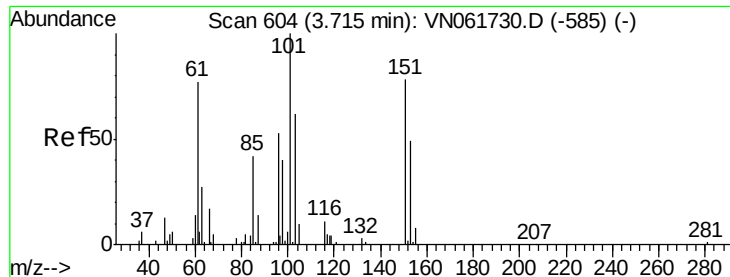


#8

Diethyl Ether
Concen: 19.119 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	75.1	15.4	138.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.353 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

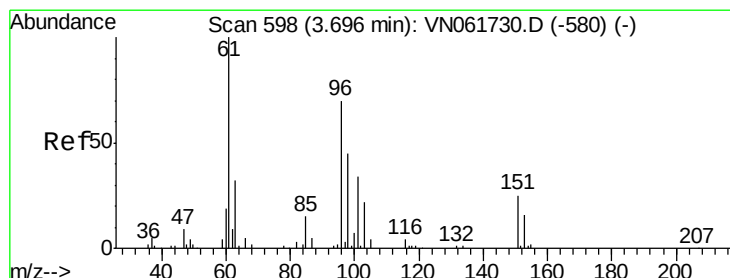
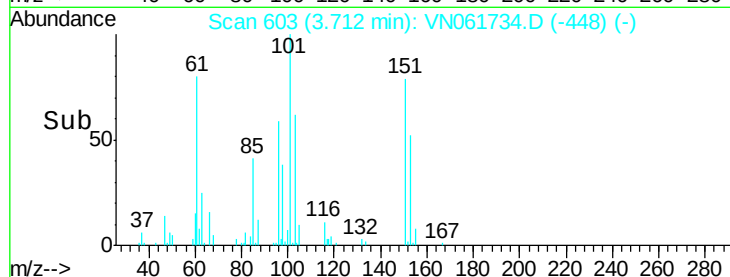
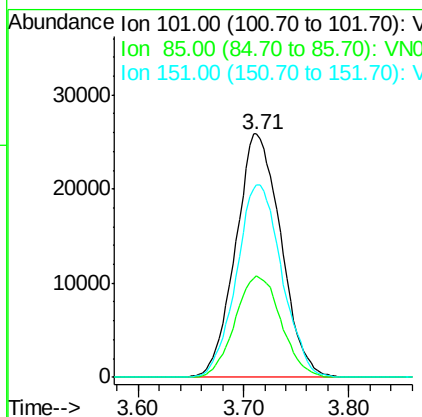
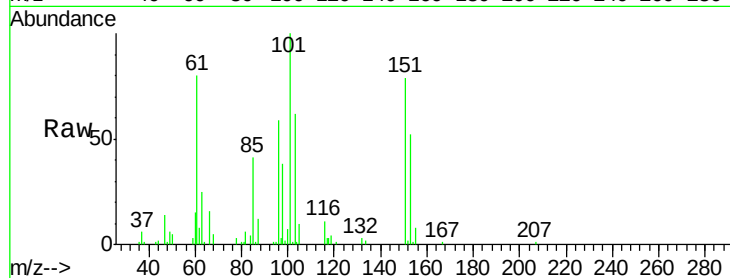
ClientSampleId :

ICVVN061020

Tot Ion:	101	Resp:	76996
Ion Ratio	Lower	Upper	
101	100		
85	42.3	0.0	84.8
151	79.4	0.0	159.0

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 19.065 ug/l

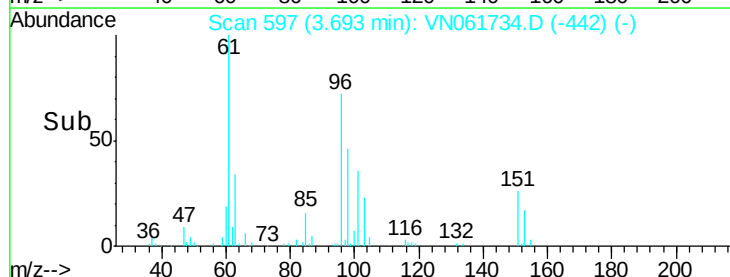
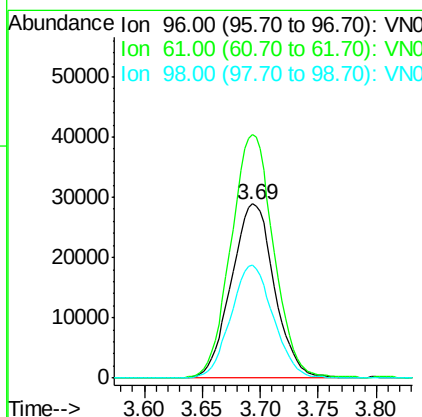
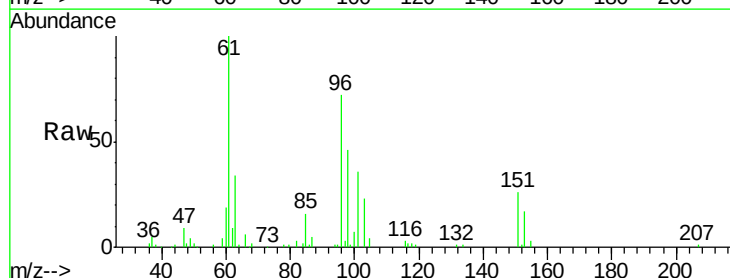
RT: 3.69 min Scan# 597

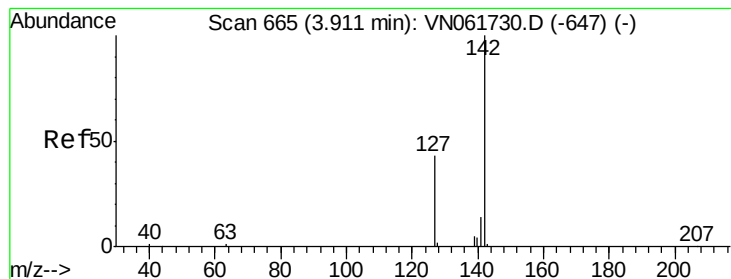
Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Tgt Ion:	96	Resp:	74733
Ion Ratio	Lower	Upper	
96	100		
61	138.9	114.9	172.3
98	64.6	52.2	78.2





#11

Methyl Iodide

Concen: 19.869 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.01 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

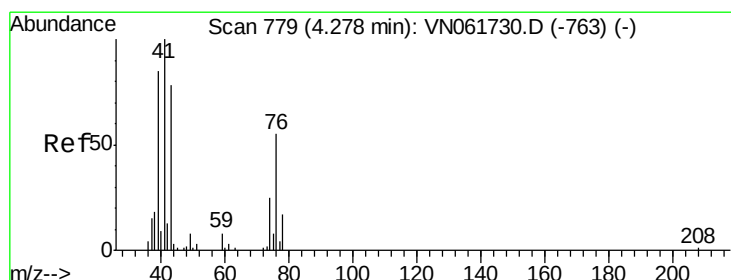
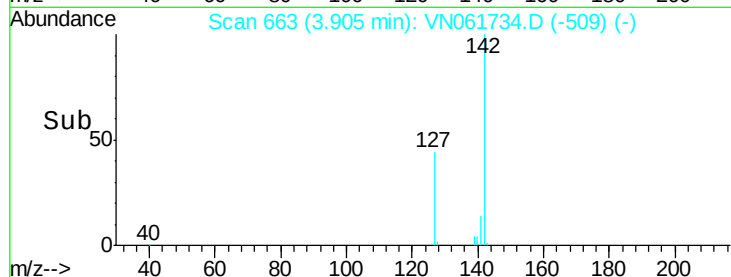
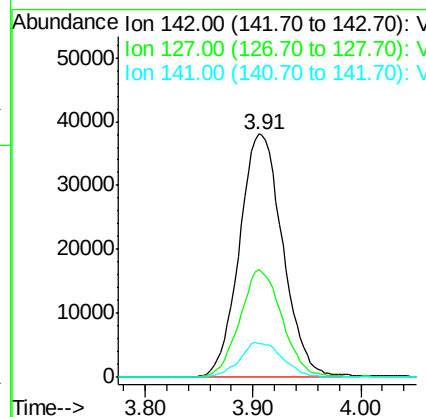
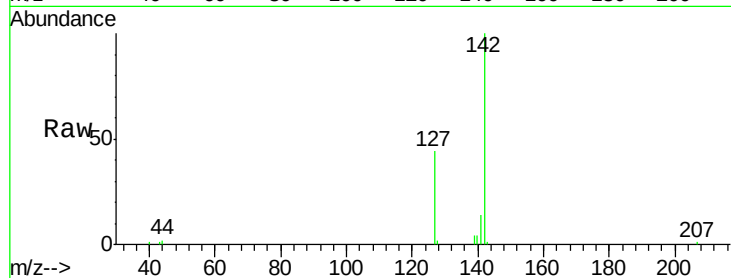
ClientSampleId :

ICVVN061020

Tot Ion:	142	Resp:	106138
Ion Ratio	Lower	Upper	
142	100		
127	44.4	21.6	64.6
141	13.8	7.2	21.6

Manual Integrations
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#12

Methyl Acetate

Concen: 18.664 ug/l

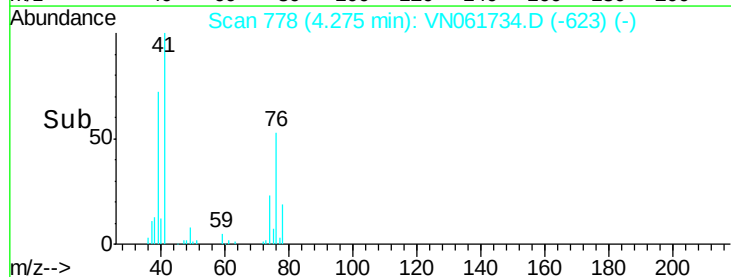
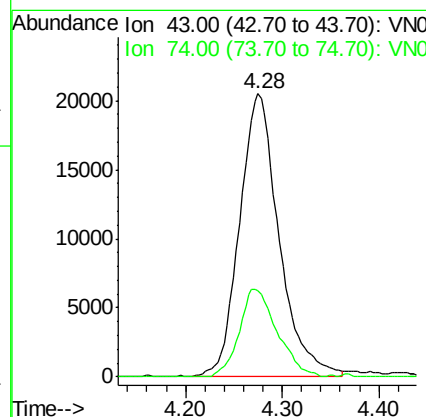
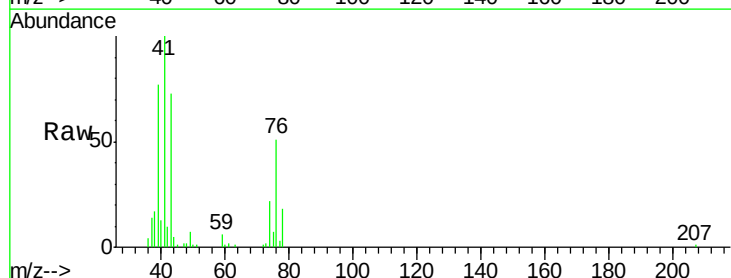
RT: 4.28 min Scan# 778

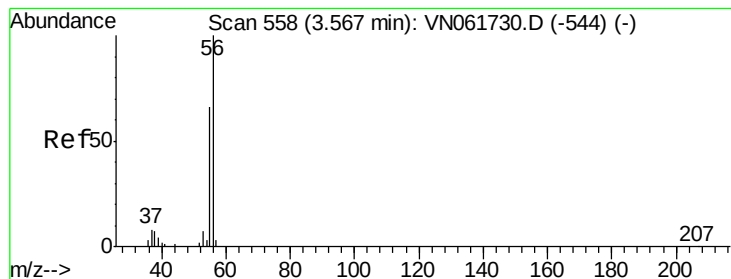
Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Tgt Ion:	43	Resp:	58215
Ion Ratio	Lower	Upper	
43	100		
74	30.3	25.8	38.6





#13

Acrolein

Concen: 99.074 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

ICVVN061020

Tot Ion: 56 Resp: 41350

Ion Ratio Lower Upper

56 100

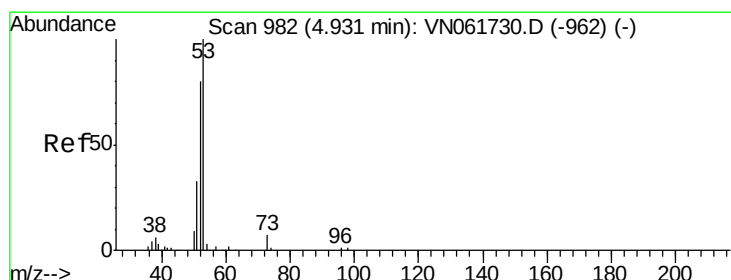
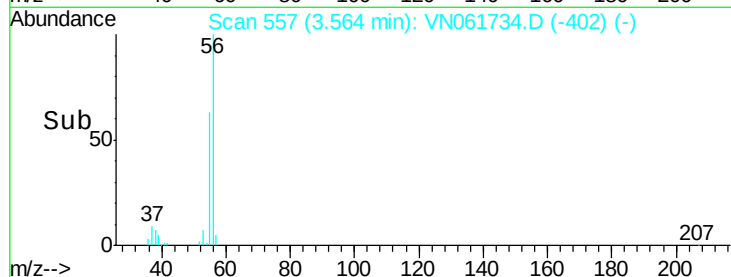
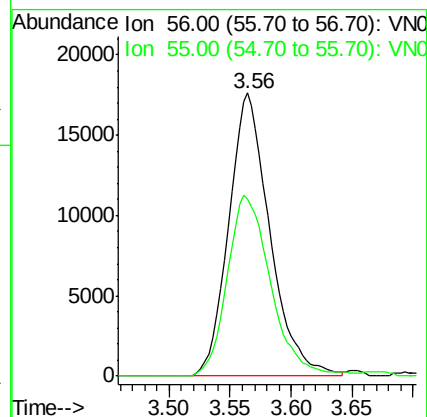
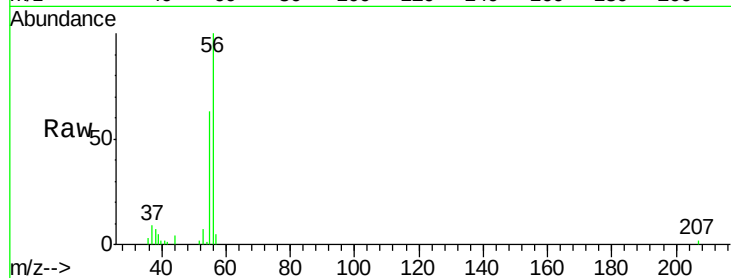
55 67.1 53.9 80.9

Manual Integrations

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#14

Acrylonitrile

Concen: 89.600 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.01 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

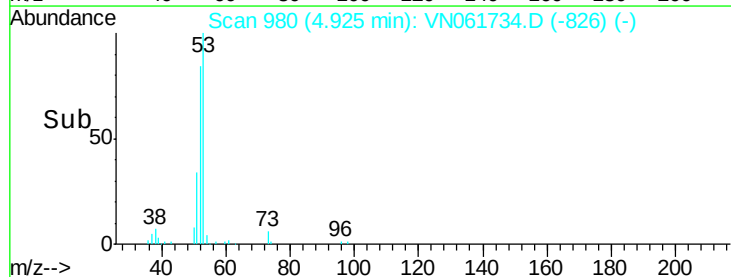
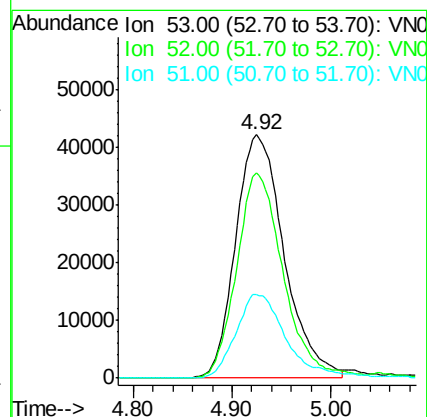
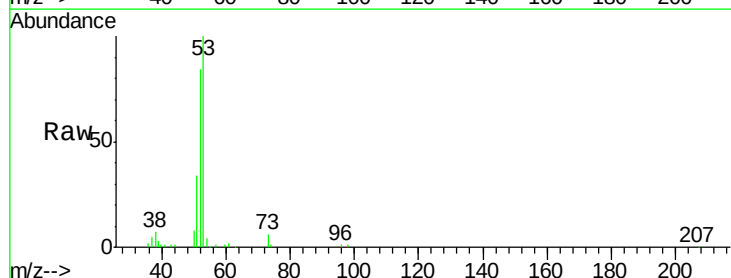
Tgt Ion: 53 Resp: 144238

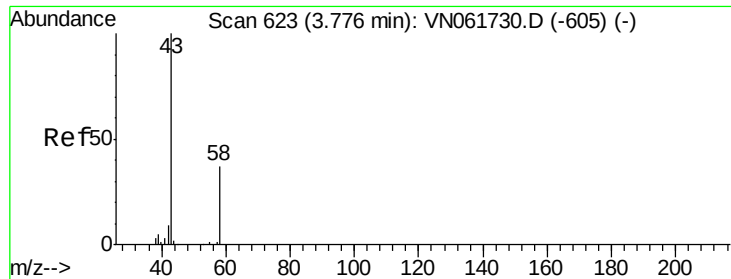
Ion Ratio Lower Upper

53 100

52 81.2 41.3 123.7

51 35.7 8.0 23.8#





#15

Acetone

Concen: 102.604 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.01 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampled :

ICVVN061020

Tot Ion: 58 Resp: 49392

Ion Ratio Lower Upper

58 100

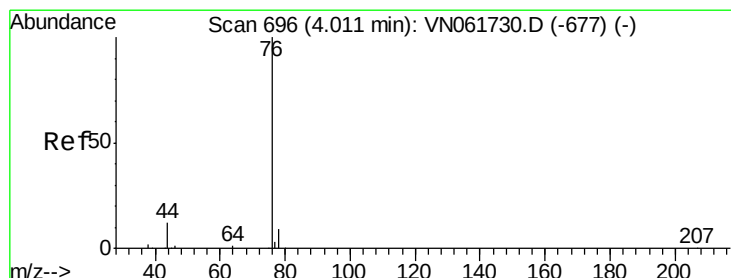
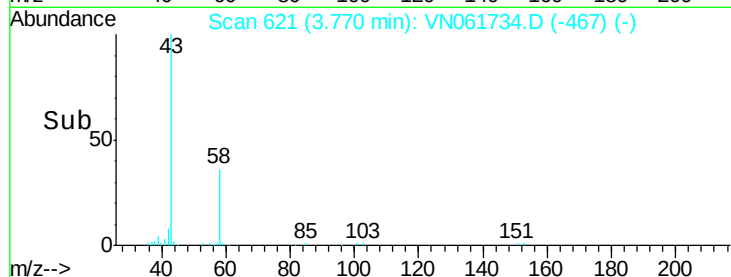
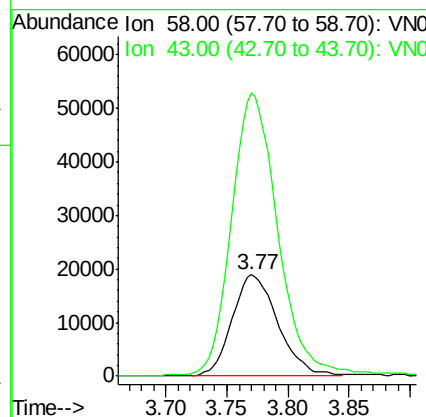
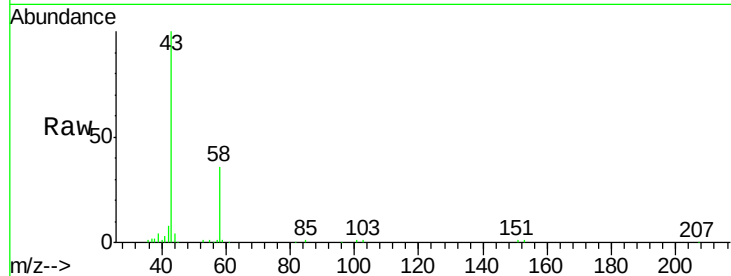
43 277.0 213.7 320.5

Manual Integrations

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#16

Carbon Disulfide

Concen: 21.888 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.01 min

Lab File: VN061734.D

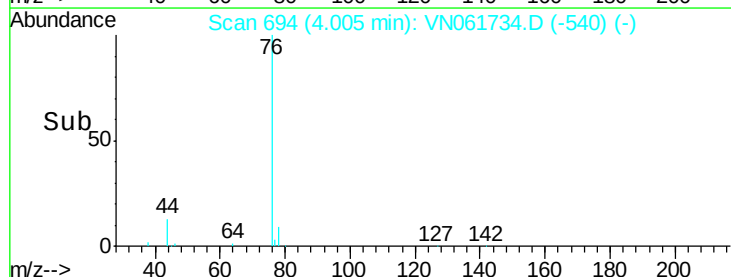
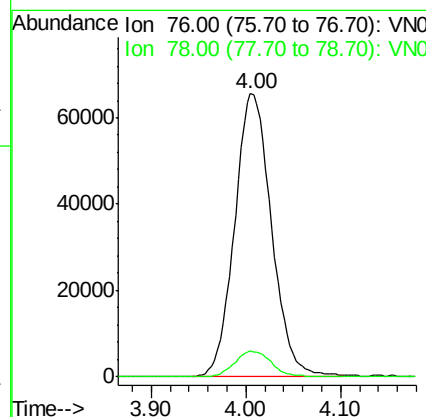
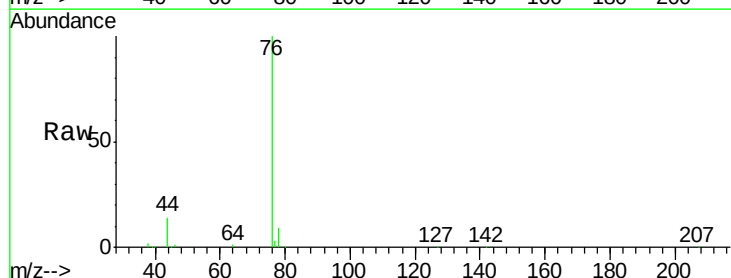
Acq: 10 Jun 2020 13:38

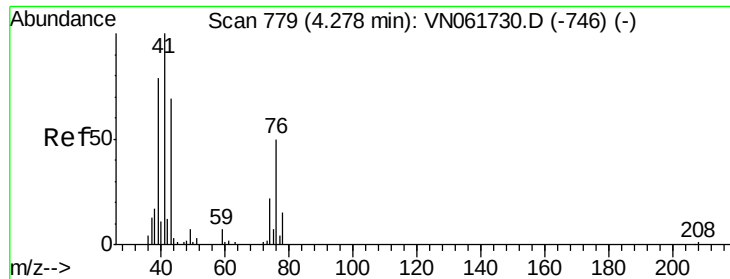
Tgt Ion: 76 Resp: 177699

Ion Ratio Lower Upper

76 100

78 9.2 7.6 11.4





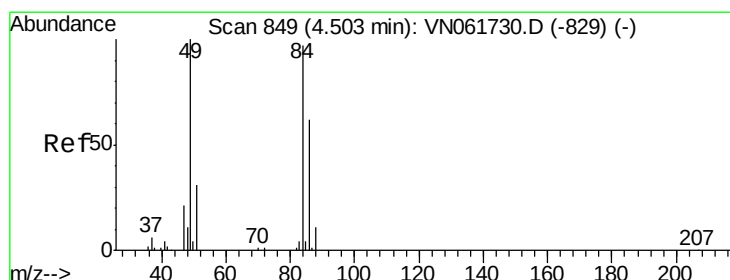
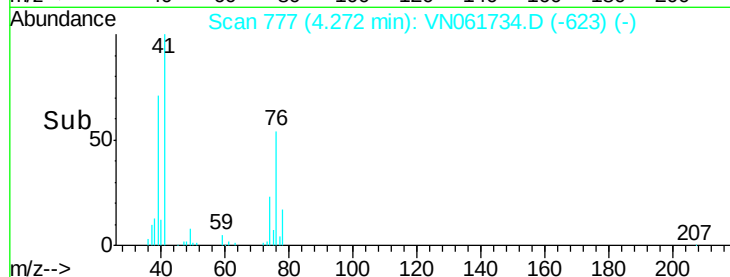
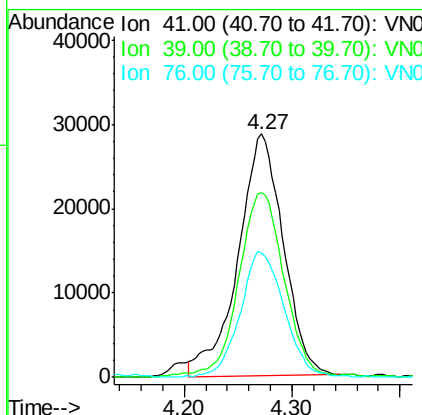
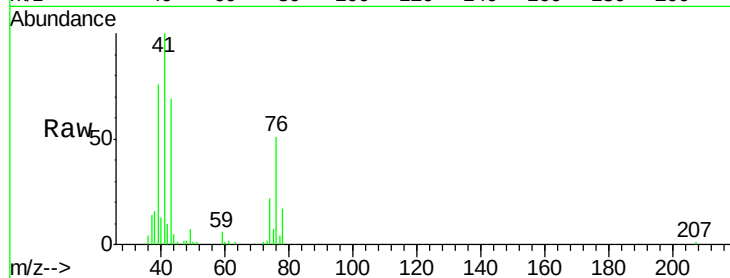
#17
Allvl chloride
Concen: 18.643 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.01 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Instrument :
MSVOA_N
ClientSampled :
ICVVN061020

Tot Ion:	41	Resp:	83244
Ion	Ratio	Lower	Upper
41	100		
39	75.6	39.5	118.5
76	51.4	24.9	74.7

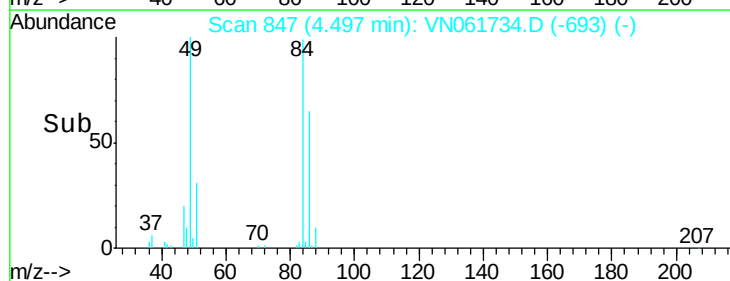
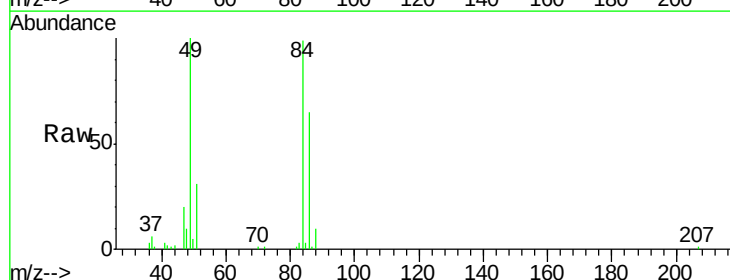
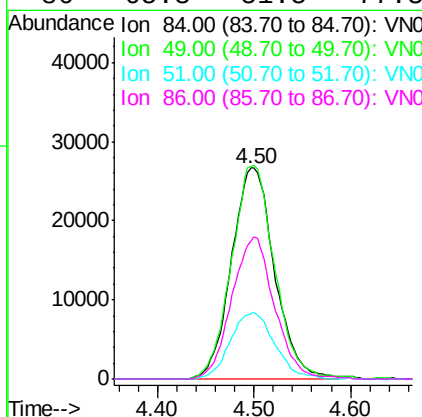
Manual Integrations
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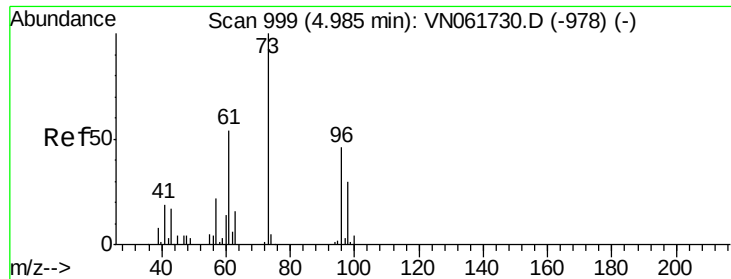
MMDadoda
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#18
Methylene Chloride
Concen: 18.341 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Tgt Ion:	84	Resp:	82500
Ion	Ratio	Lower	Upper
84	100		
49	101.0	82.6	124.0
51	31.2	25.4	38.0
86	65.3	51.5	77.3





#19

trans-1,2-Dichloroethene

Concen: 19.219 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

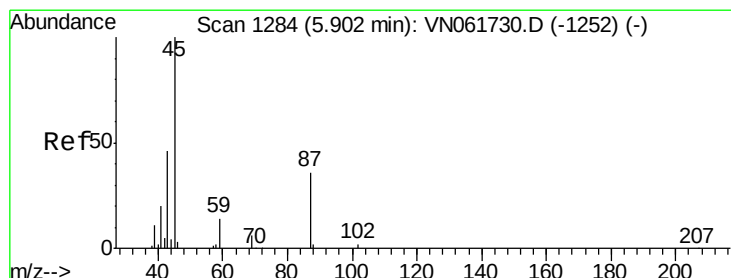
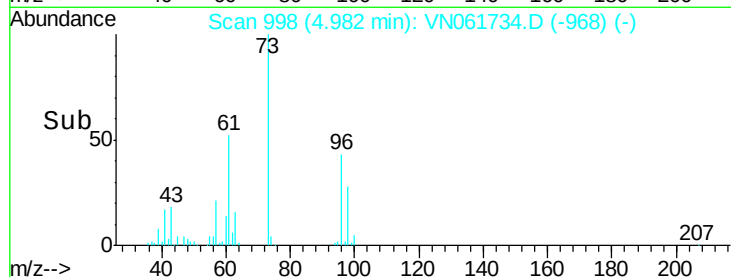
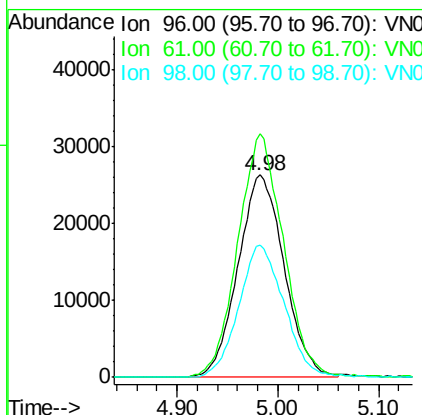
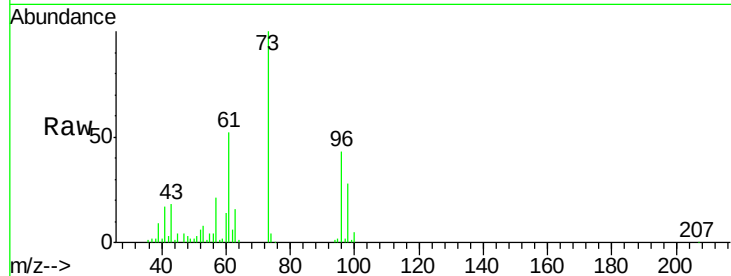
ClientSampleId :

ICVVN061020

Tot Ion:	96	Resp:	83772
Ion	Ratio	Lower	Upper
96	100		
61	120.5	95.4	143.0
98	65.2	52.6	79.0

Manual Integrations
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#20

Diisopropyl ether

Concen: 18.705 ug/l

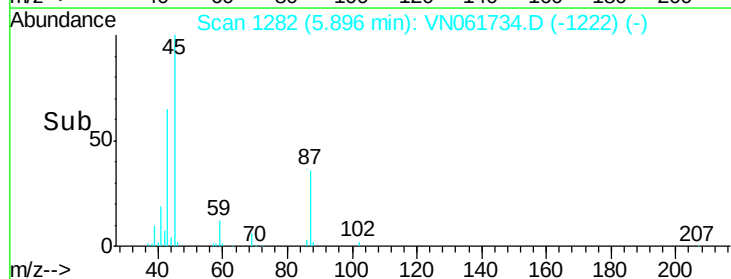
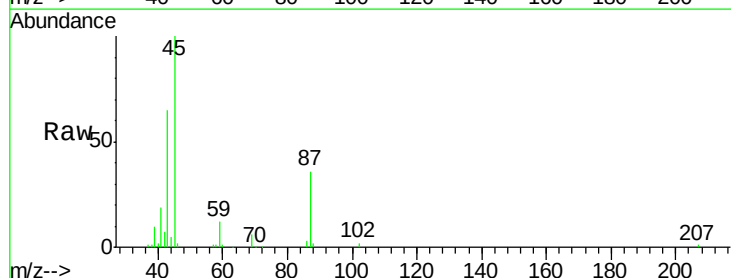
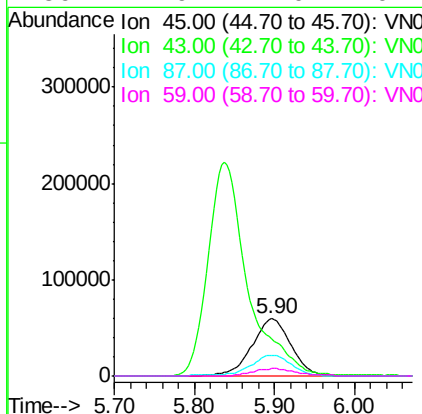
RT: 5.90 min Scan# 1282

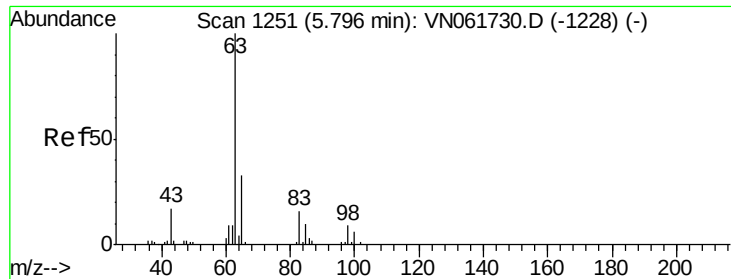
Delta R.T. -0.01 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Tgt Ion:	45	Resp:	199530
Ion	Ratio	Lower	Upper
45	100		
43	62.3	50.7	76.1
87	36.2	30.1	45.1
59	11.9	11.0	16.4





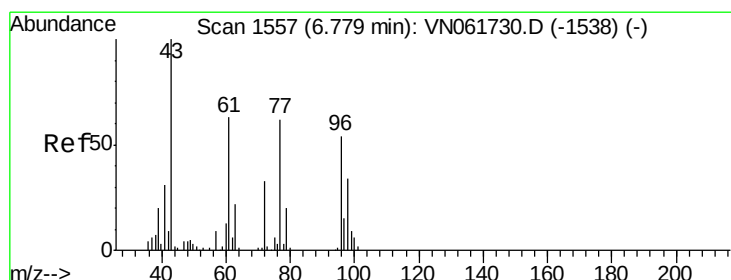
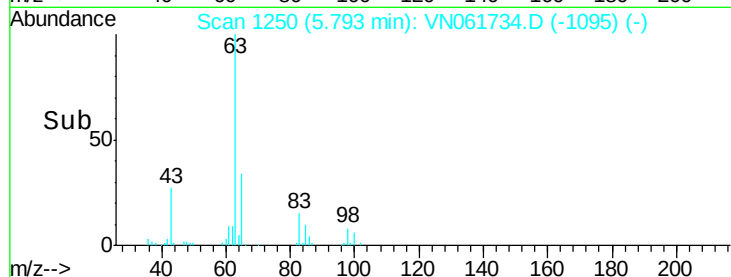
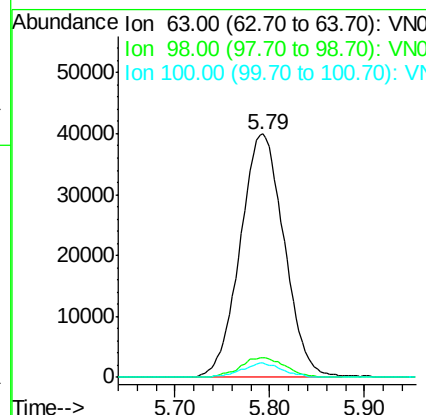
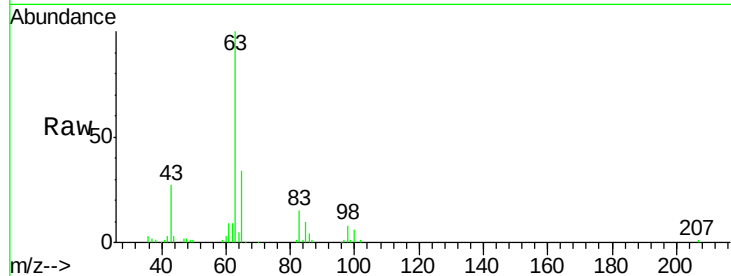
#21
 1,1-Dichloroethane
 Concen: 18.171 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061020

Tot Ion	Ratio	Resp	Lower	Upper
63	100	128877		
98	8.3		4.5	13.7
100	5.8		2.9	8.7

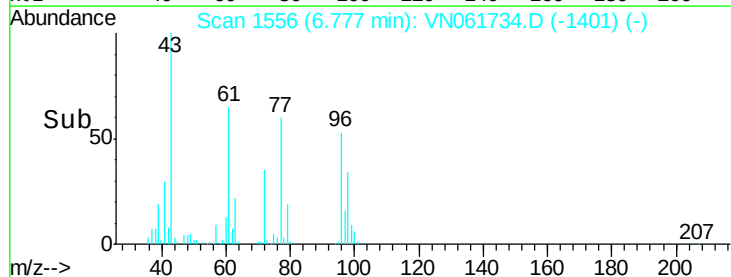
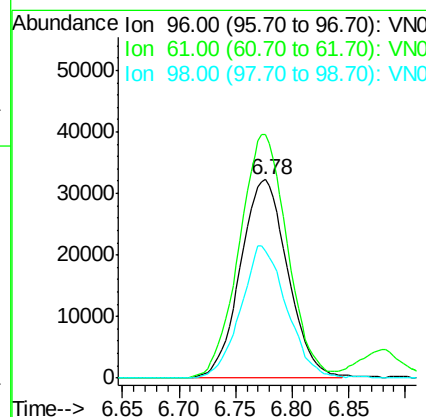
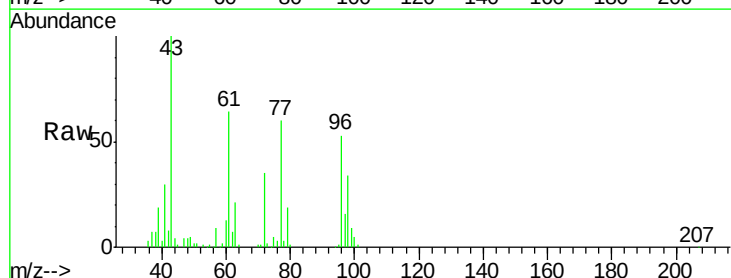
Manual Integrations
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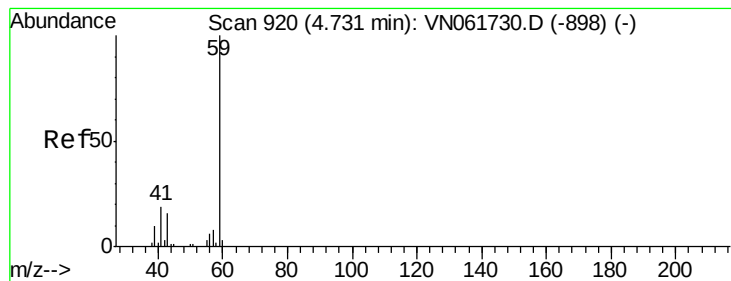
MMDadoda
 6/11/2020 12:44:37 PM



#22
 cis-1,2-Dichloroethene
 Concen: 18.374 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	93936		
61	124.2		100.6	151.0
98	64.6		52.6	79.0





#23

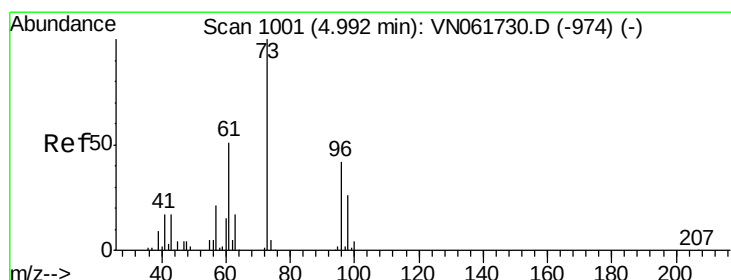
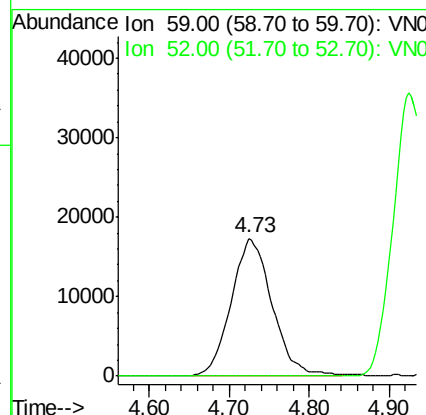
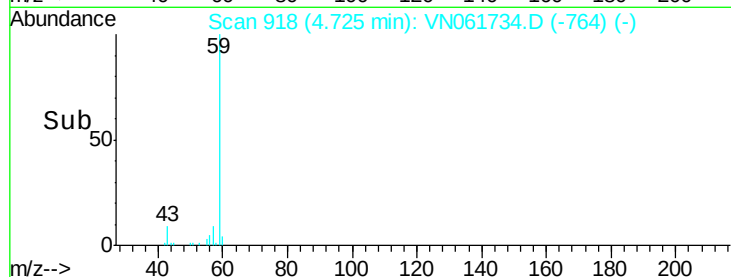
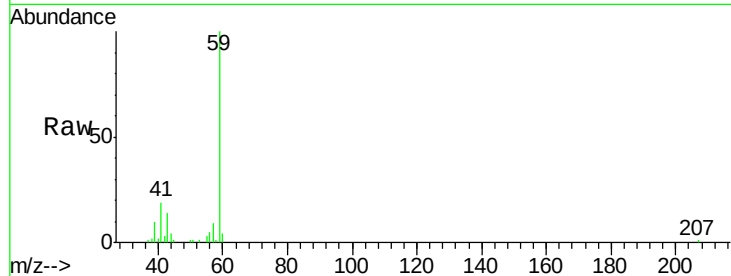
tert-Butyl Alcohol
Concen: 97.096 ug/l
RT: 4.73 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Instrument :
MSVOA_N
ClientSampled :
ICVVN061020

Tot Ion	59	52
Resp: 60444	100	0.1
Ratio		
Lower	0.0	0.0
Upper		

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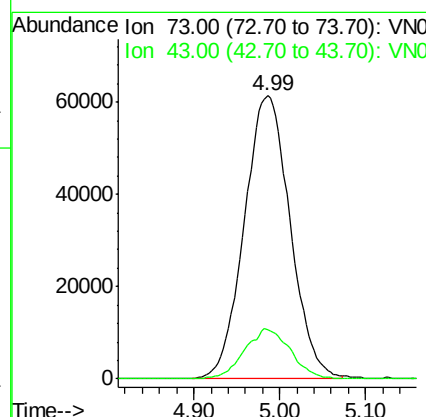
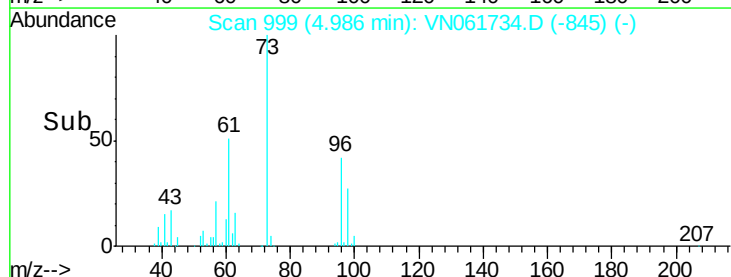
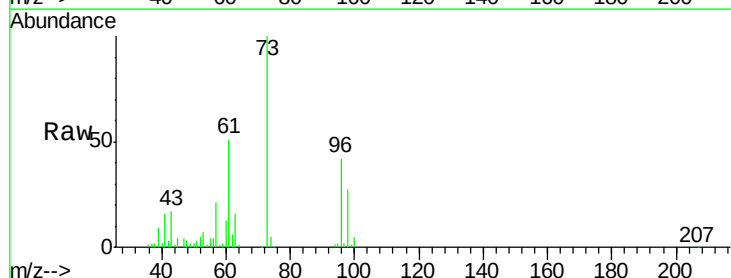
MMDadoda
6/11/2020 12:44:37 PM

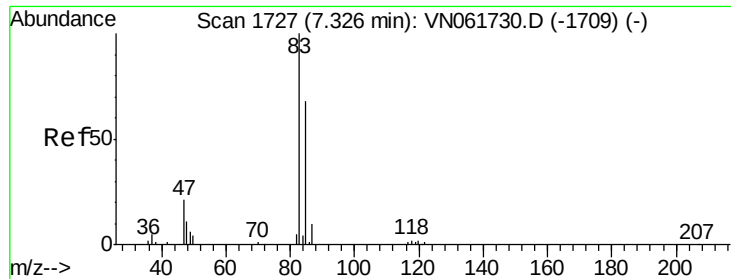


#24

Methyl tert-Butyl Ether
Concen: 18.241 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.01 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Tgt Ion	73	43
Resp: 227933	100	11.9
Ratio		
Lower	7.0	
Upper		10.4





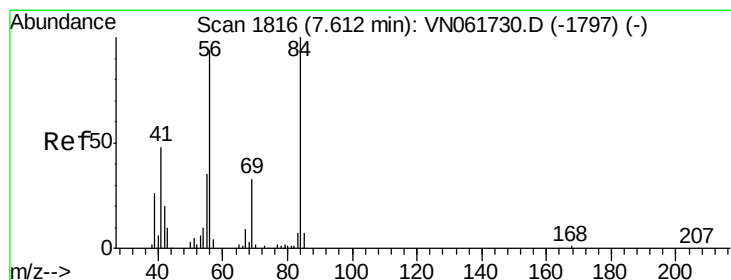
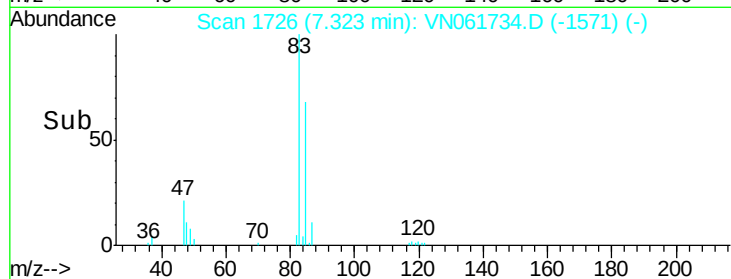
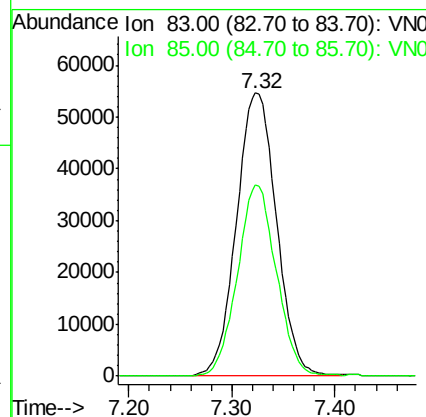
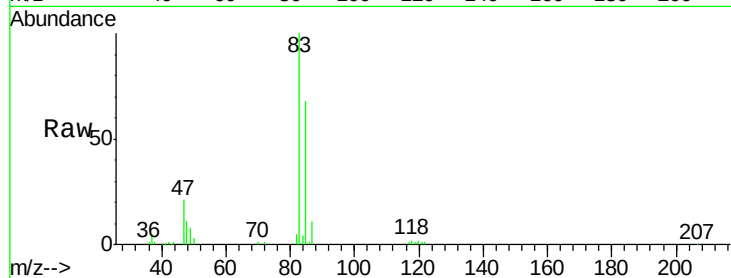
#25
Chloroform
Concen: 18.366 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Instrument :
MSVOA_N
ClientSampleId :
ICVVN061020

Tot Ion	83	Resp	147573
Ion Ratio	100	Lower	Upper
85	67.3	54.2	81.4

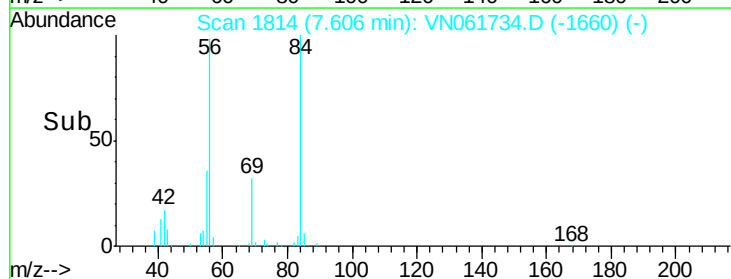
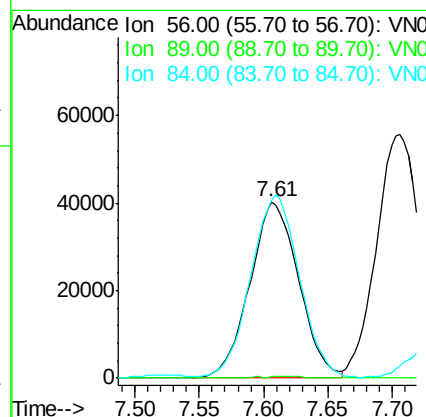
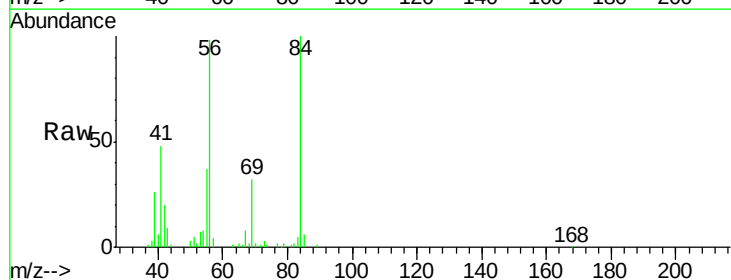
Manual Integrations
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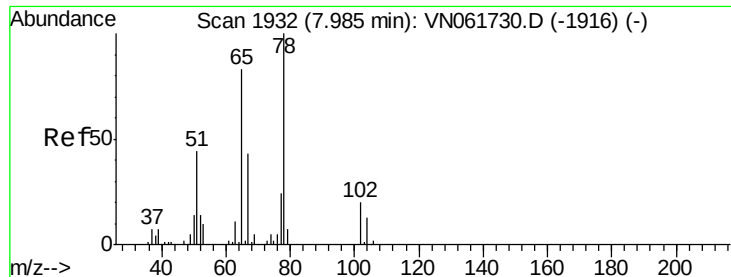
MMDadoda
6/11/2020 12:44:37 PM



#26
Cyclohexane
Concen: 19.615 ug/l
RT: 7.61 min Scan# 1814
Delta R.T. -0.01 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Tgt Ion	56	Resp	106231
Ion Ratio	100	Lower	Upper
89	0.2	0.0	0.0#
84	104.1	83.5	125.3





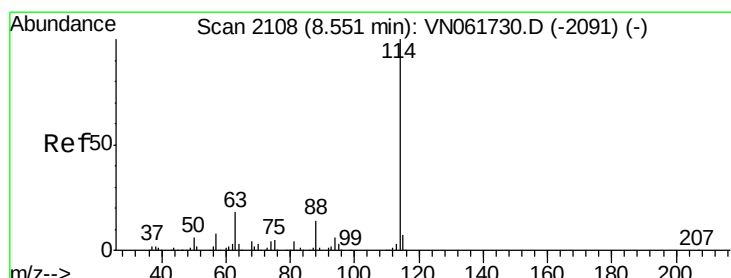
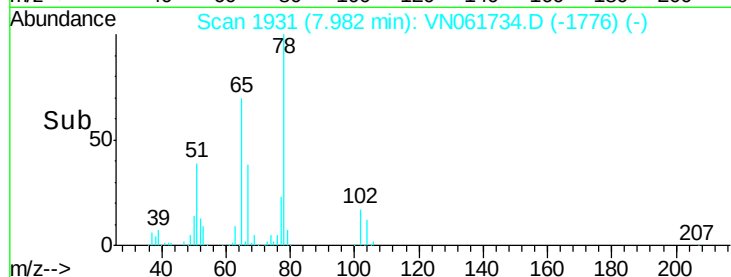
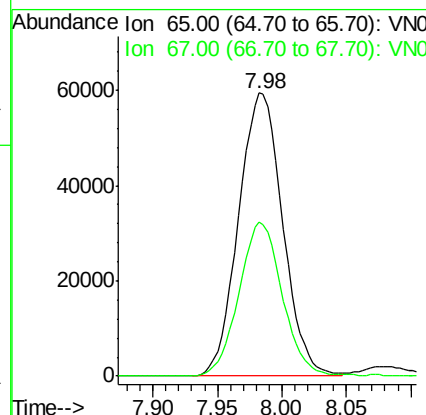
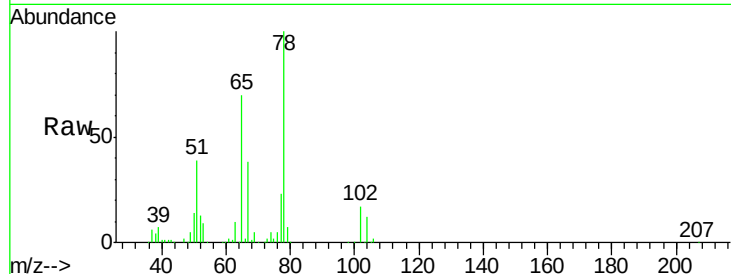
#27
 1,2-Dichloroethane-d4
 Concen: 29.140 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061020

Tot Ion: 65 Resp: 141674
 Ion Ratio Lower Upper
 65 100
 67 53.0 42.2 63.4

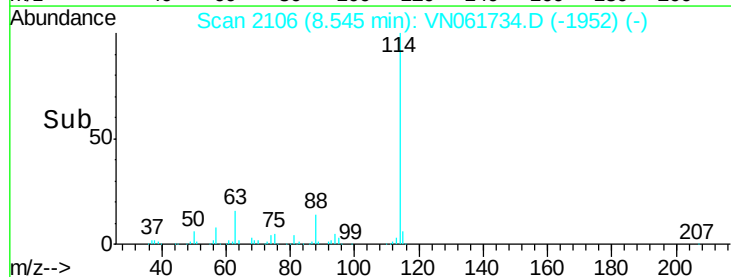
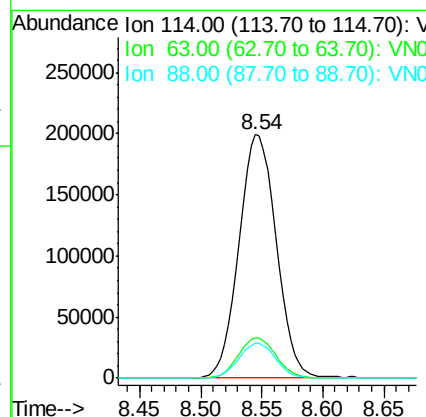
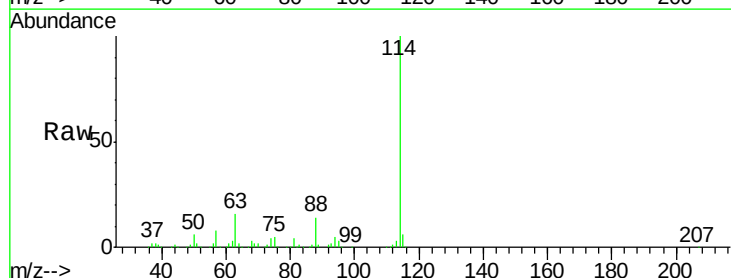
Manual Integrations
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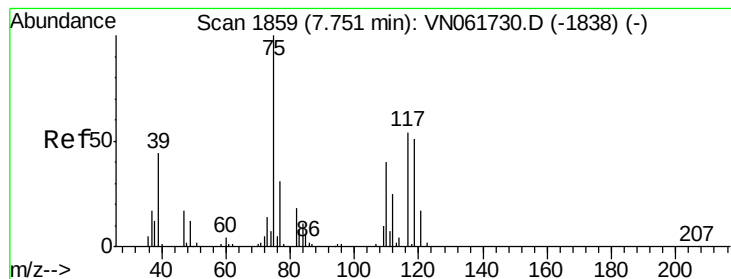
MMDadoda
 6/11/2020 12:44:37 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.54 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

Tgt Ion: 114 Resp: 422205
 Ion Ratio Lower Upper
 114 100
 63 16.7 14.2 21.2
 88 14.2 11.4 17.2





#29

1,1-Dichloropropene

Concen: 18.928 ug/l

RT: 7.75 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

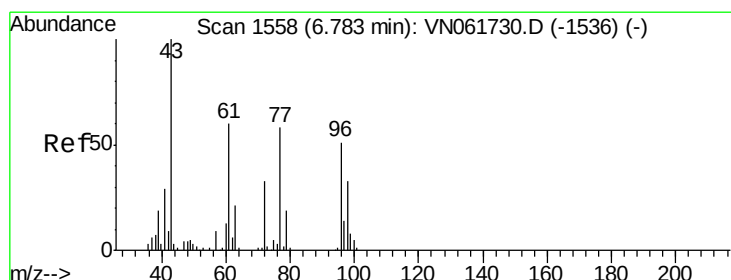
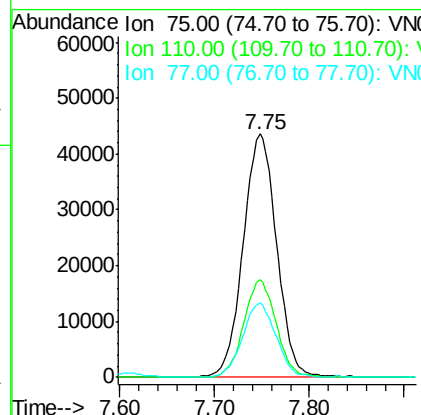
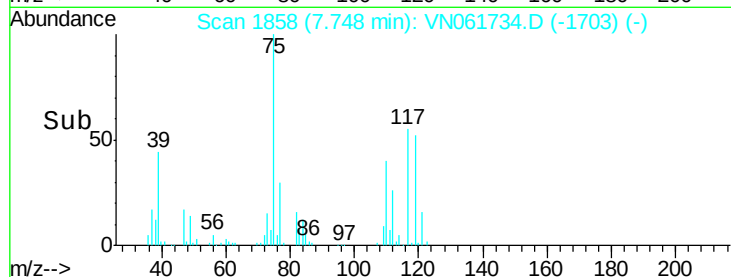
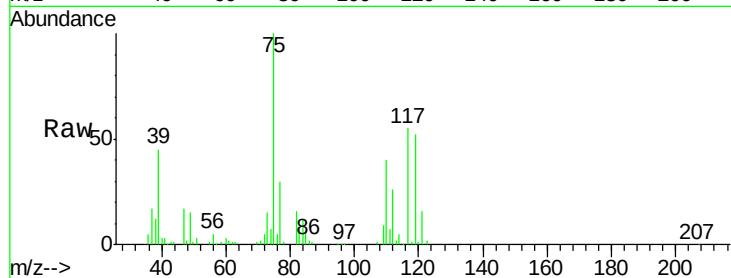
ClientSampled :

ICVVN061020

Tot Ion:	75	Resp:	107383
Ion Ratio	Lower	Upper	
75	100		
110	38.8	0.0	78.6
77	30.5	0.0	62.4

Manual Integrations
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6/11/2020 12:44:37 PM



#30

2-Butanone

Concen: 93.287 ug/l

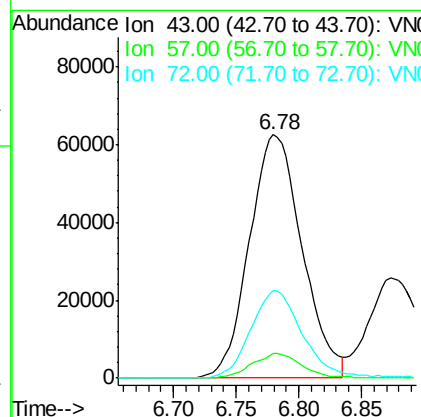
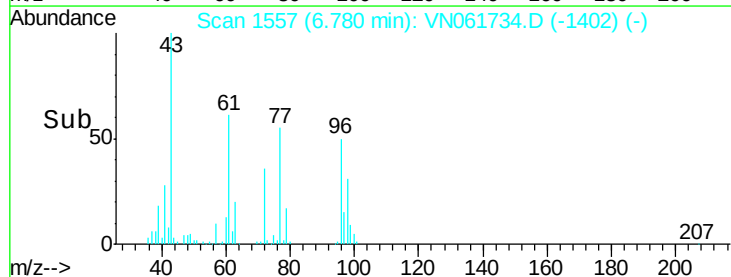
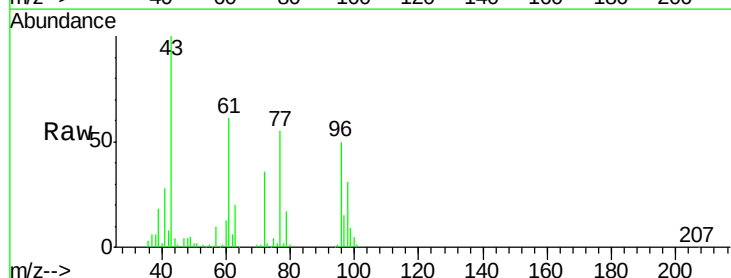
RT: 6.78 min Scan# 1557

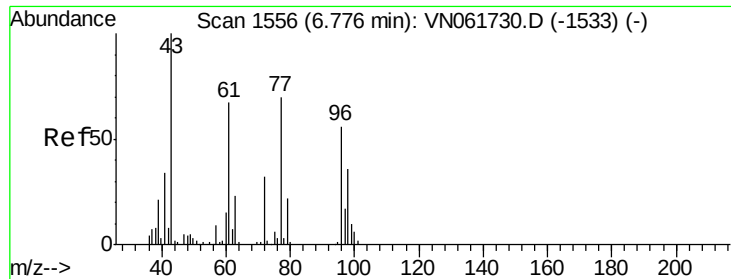
Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Tgt Ion:	43	Resp:	183333
Ion Ratio	Lower	Upper	
43	100		
57	9.5	7.6	11.4
72	35.0	27.8	41.6





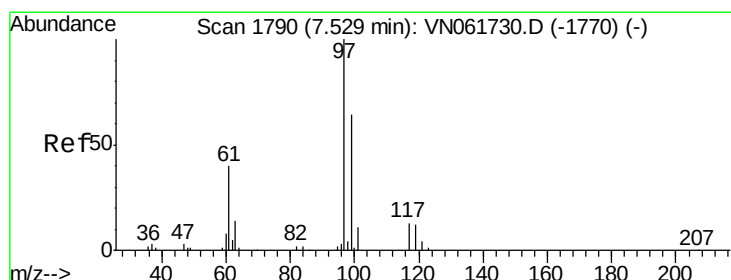
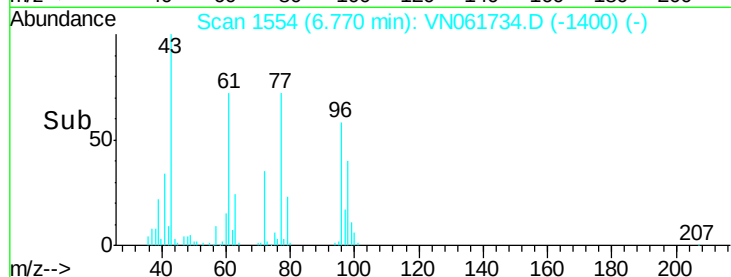
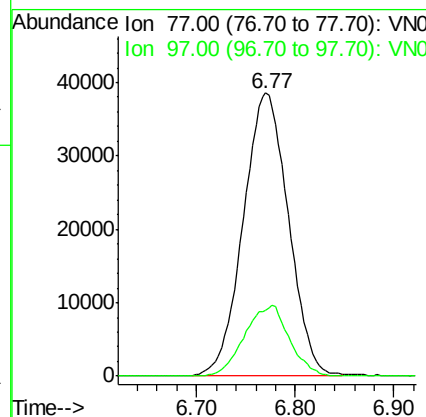
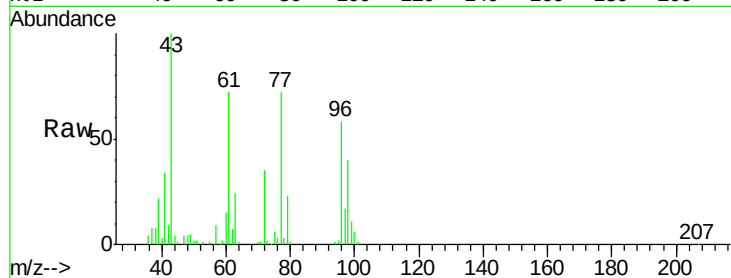
#31
 2,2-Dichloropropane
 Concen: 18.416 ug/l
 RT: 6.77 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN061020

Tot Ion	Ratio	Lower	Upper
77	100		
97	24.7	19.6	29.4

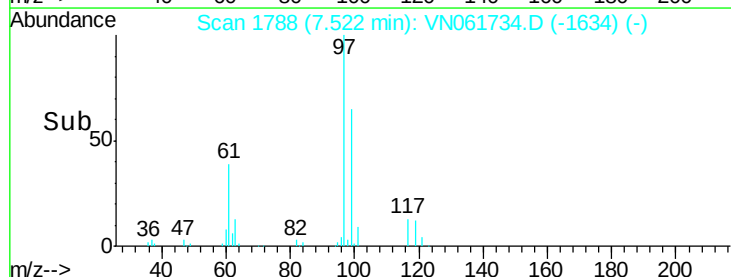
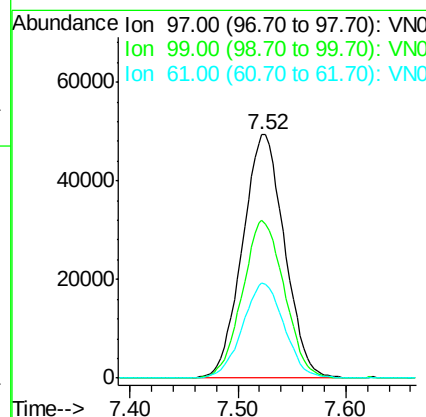
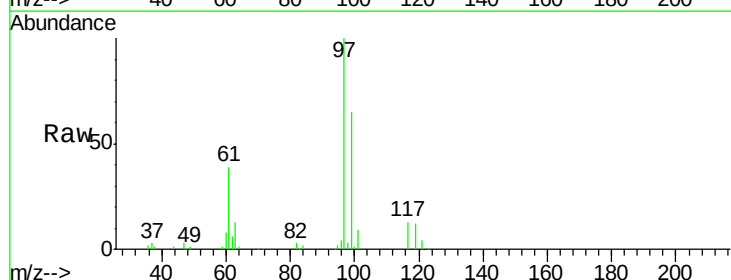
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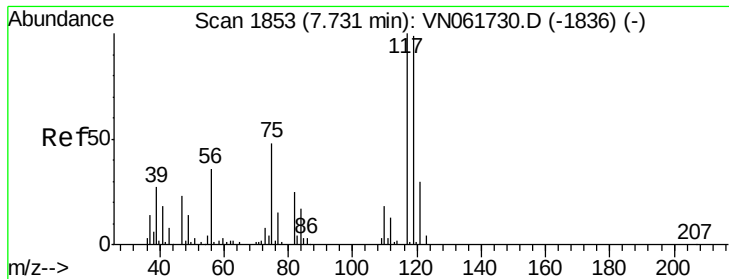
MMDadoda
 6/11/2020 12:44:37 PM



#32
 1,1,1-Trichloroethane
 Concen: 18.451 ug/l
 RT: 7.52 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.9	77.9
61	38.4	32.3	48.5





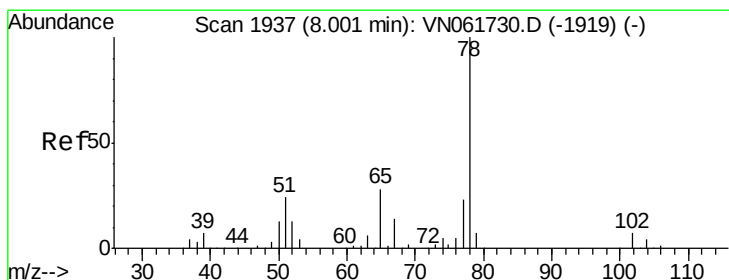
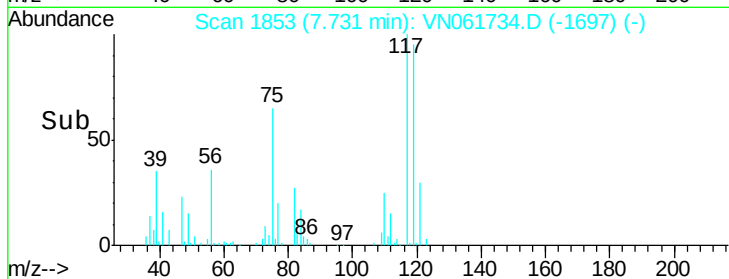
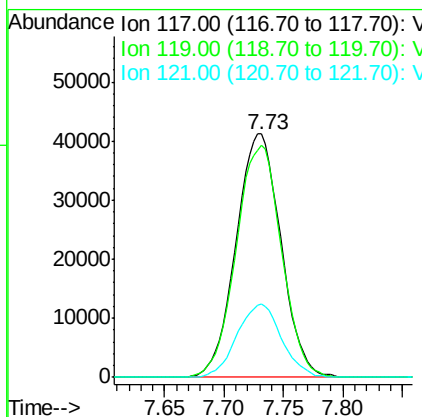
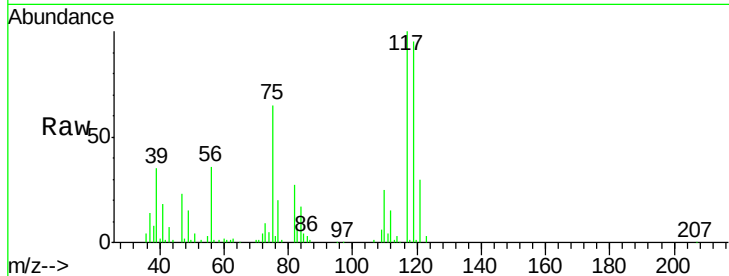
#33
Carbon Tetrachloride
Concen: 18.212 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Instrument :
MSVOA_N
ClientSampleId :
ICVVN061020

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.3	79.3	118.9
121	30.2	24.2	36.4

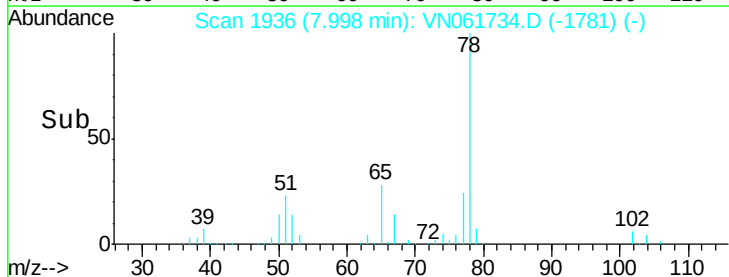
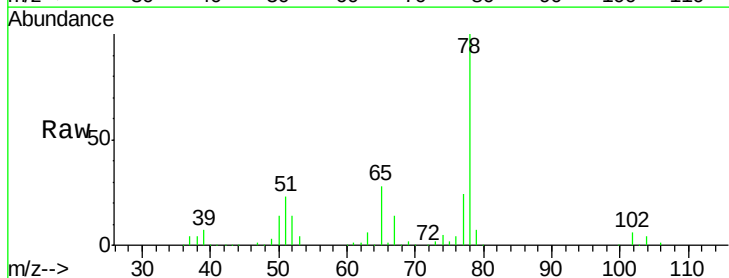
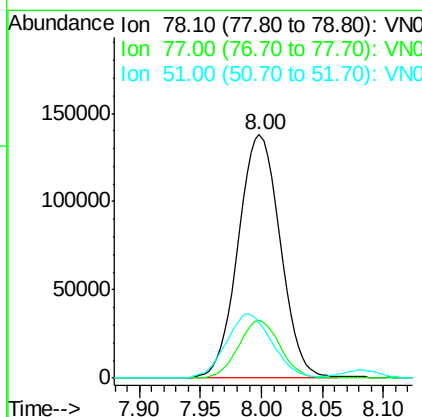
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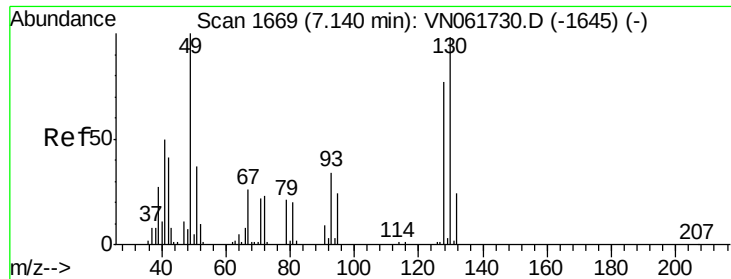
MMDadoda
6/11/2020 12:44:37 PM



#34
Benzene
Concen: 18.617 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.4	27.6
51	22.6	19.1	28.7





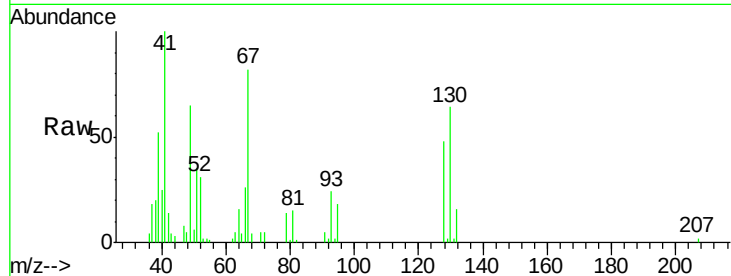
#35
Methacrylonitrile
Concen: 16.744 ug/l
RT: 7.12 min Scan# 1662
Delta R.T. -0.02 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Instrument :
MSVOA_N
ClientSampleId :
ICVVN061020

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.3	26.5	79.5
67	82.3	25.4	76.2
52	30.9	10.4	31.2

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6/11/2020 12:44:37 PM

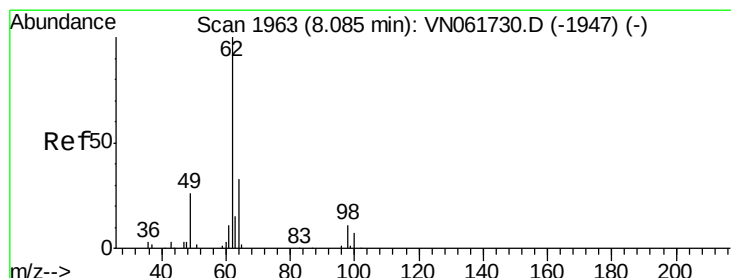
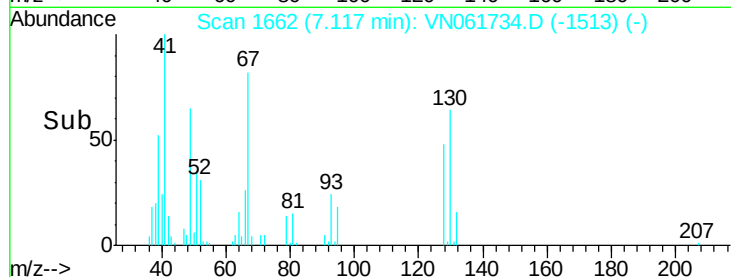
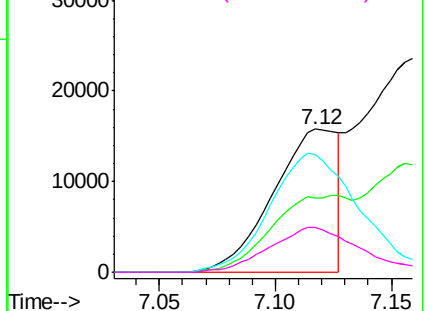


Abundance Ion 41.00 (40.70 to 41.70): VN061734.D (-1513) (-)

Ion 39.00 (38.70 to 39.70): VN061734.D (-1513) (-)

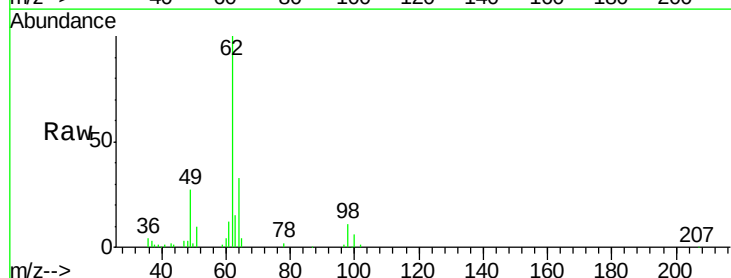
Ion 67.00 (66.70 to 67.70): VN061734.D (-1513) (-)

Ion 52.00 (51.70 to 52.70): VN061734.D (-1513) (-)



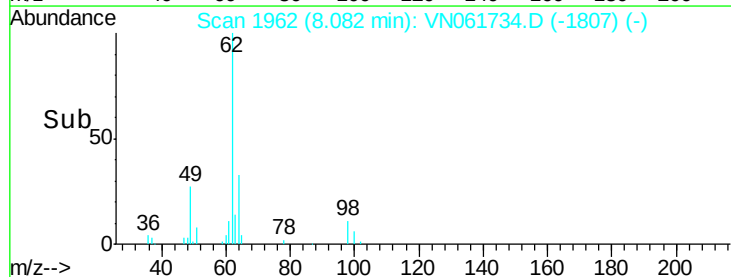
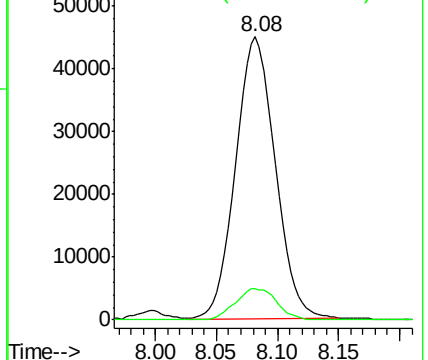
#36
1,2-Dichloroethane
Concen: 17.706 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

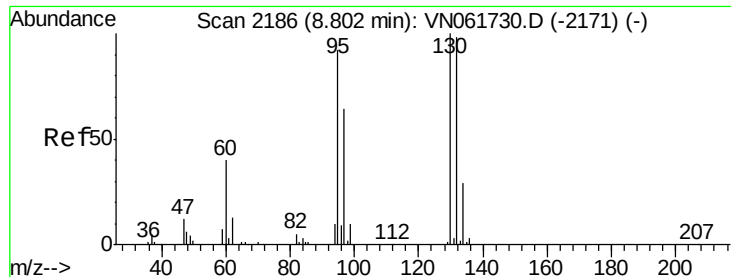
Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.5	9.4	14.2



Abundance Ion 62.00 (61.70 to 62.70): VN061734.D (-1807) (-)

Ion 98.00 (97.70 to 98.70): VN061734.D (-1807) (-)





#37

Trichloroethene

Concen: 18.210 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampled :

ICV061020

Tot Ion:130 Resp: 100451

Ion Ratio Lower Upper

130 100

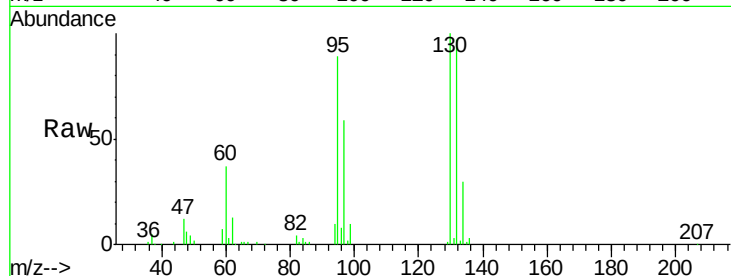
95 89.1 73.9 110.9

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6/11/2020 12:44:37 PM



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN

8.80

50000

40000

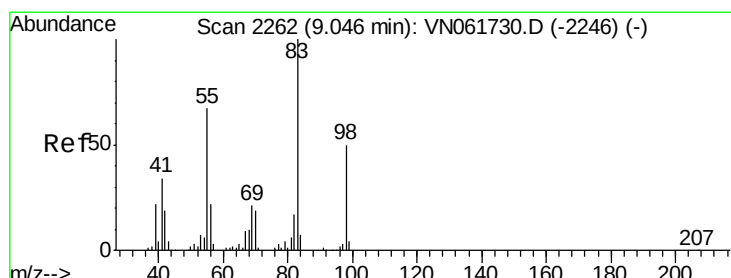
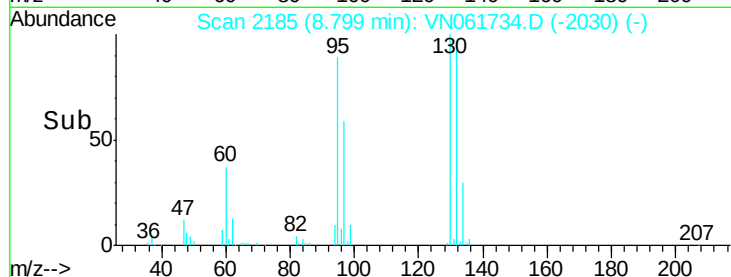
30000

20000

10000

0

Time--> 8.70 8.75 8.80 8.85



#38

Methylcyclohexane

Concen: 19.477 ug/l

RT: 9.04 min Scan# 2261

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

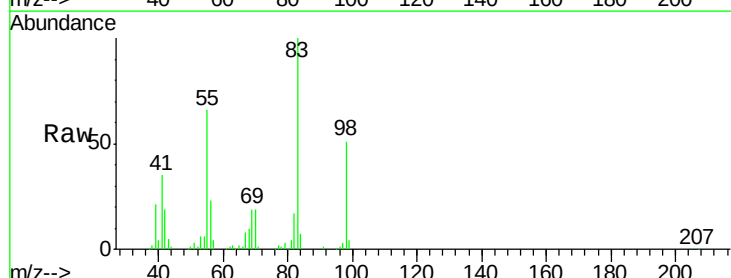
Tgt Ion: 83 Resp: 123682

Ion Ratio Lower Upper

83 100

55 65.0 32.7 98.1

98 50.8 25.4 76.4



Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

9.04

80000

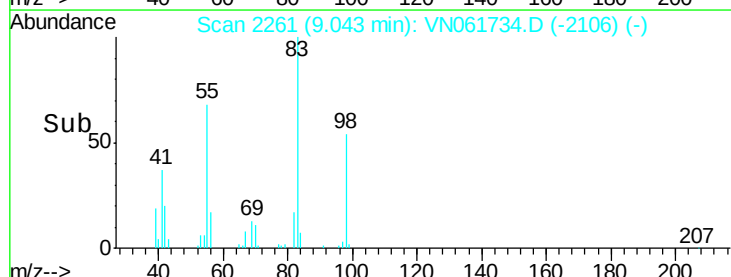
60000

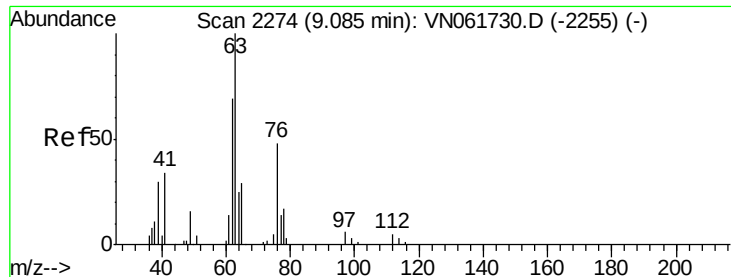
40000

20000

0

Time--> 8.95 9.00 9.05 9.10





#39

1,2-Dichloropropane

Concen: 18.274 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

ICVVN061020

Tot Ion: 63 Resp: 77409

Ion Ratio Lower Upper

63 100

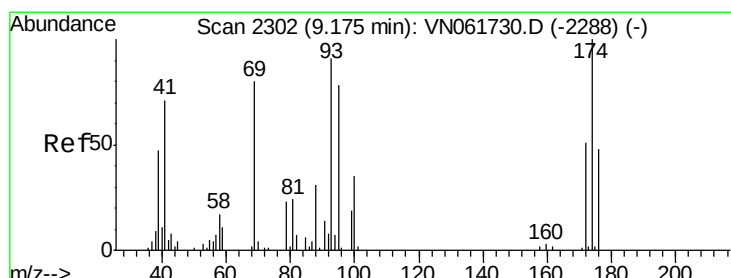
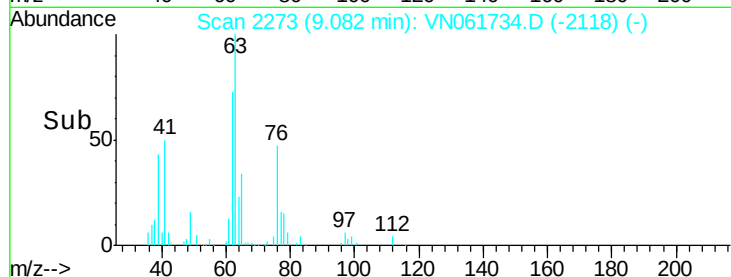
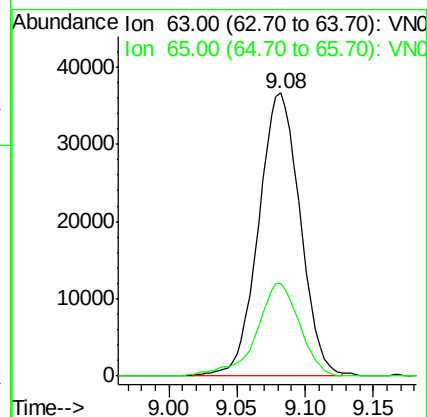
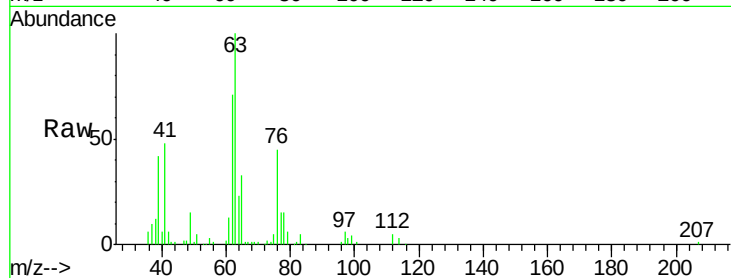
65 32.7 24.3 36.5

Manual Integrations

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6/11/2020 12:44:37 PM



#40

Dibromomethane

Concen: 18.270 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

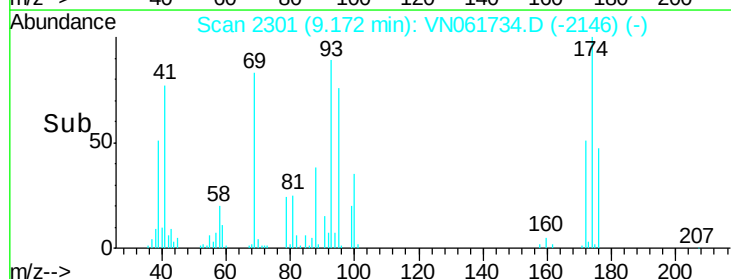
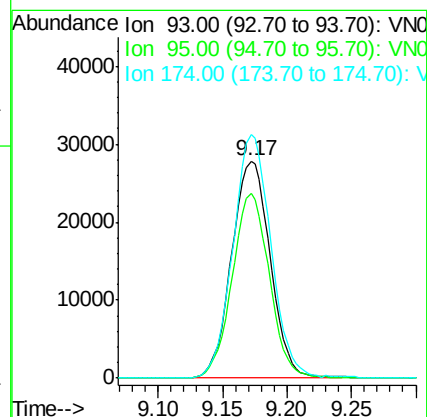
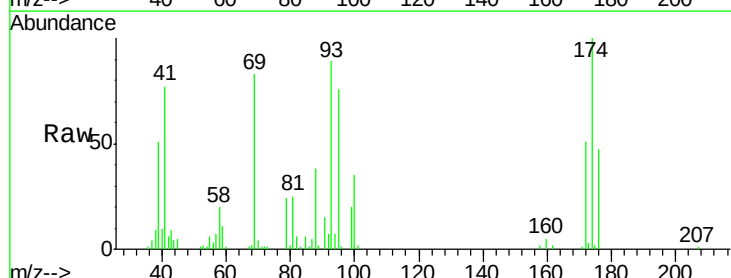
Tgt Ion: 93 Resp: 58047

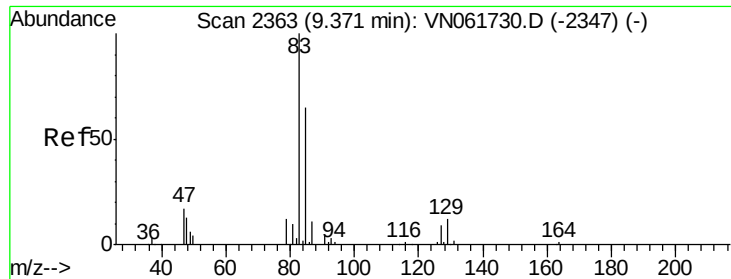
Ion Ratio Lower Upper

93 100

95 81.6 0.0 165.8

174 109.9 0.0 217.8





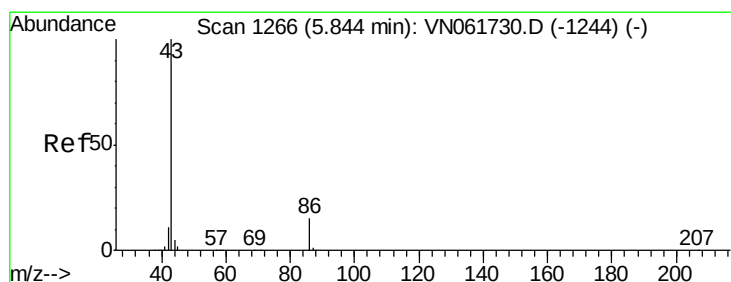
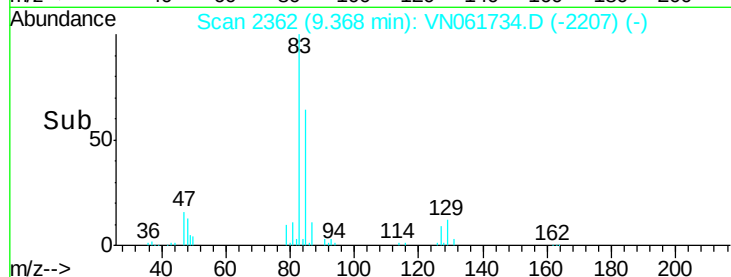
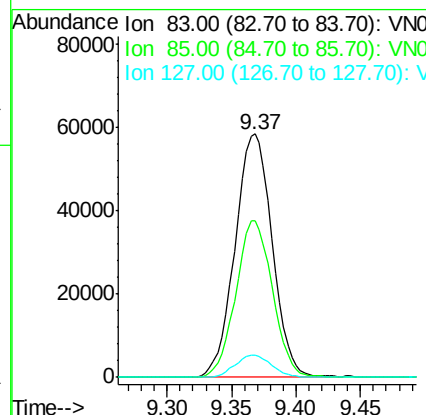
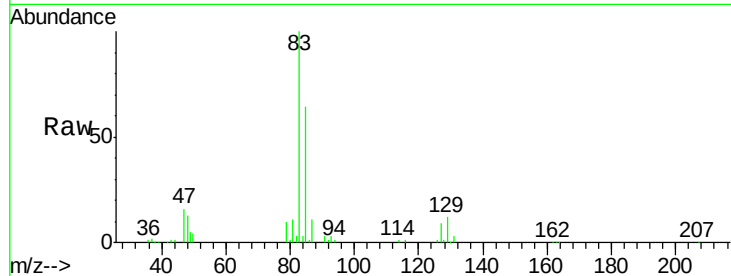
#41
Bromodichloromethane
Concen: 18.151 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Instrument :
MSVOA_N
ClientSampleId :
ICVVN061020

Tot Ion	83	Resp	116989
Ion Ratio	100	Lower	Upper
83	100		
85	64.5	52.2	78.4
127	9.9	7.2	10.8

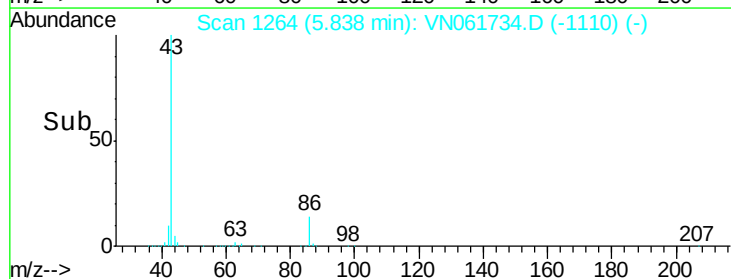
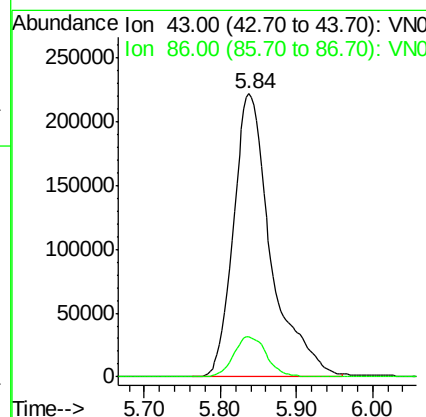
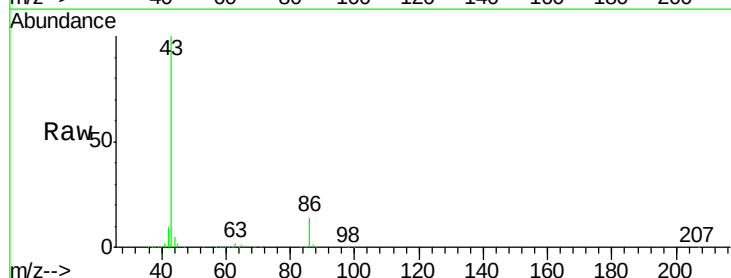
Manual Integrations
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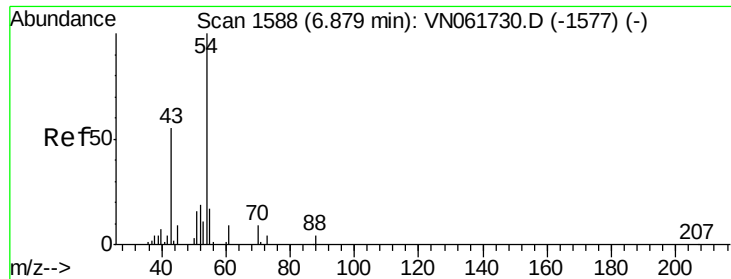
MMDadoda
6/11/2020 12:44:37 PM



#42
Vinyl Acetate
Concen: 93.865 ug/l
RT: 5.84 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Tgt Ion	43	Resp	760948
Ion Ratio	100	Lower	Upper
43	100		
86	12.6	10.0	15.0





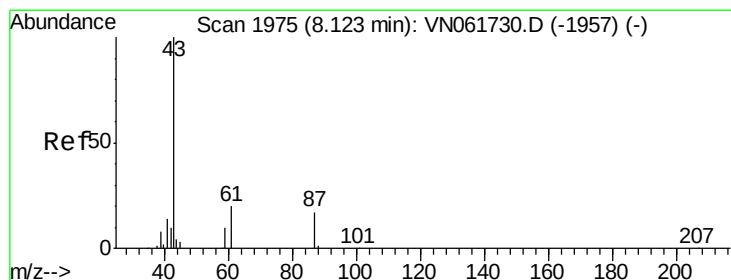
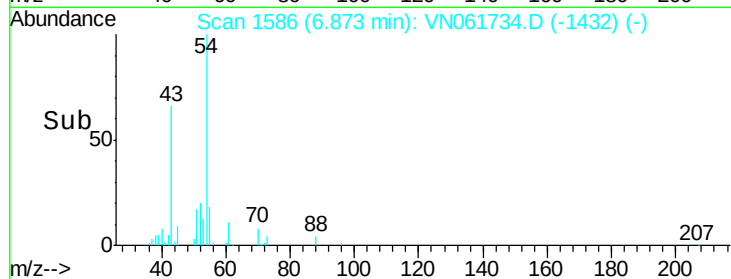
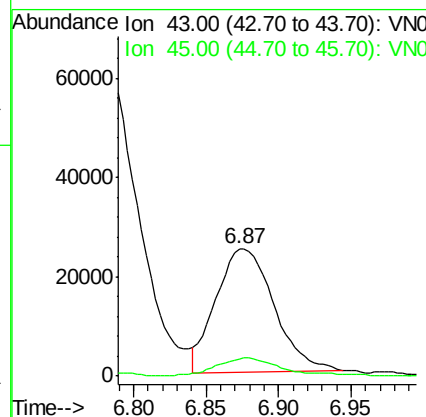
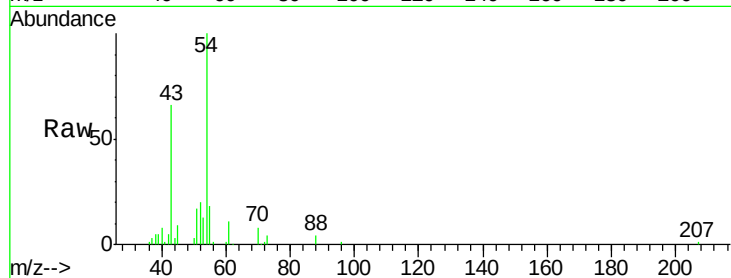
#43
Ethyl Acetate
Concen: 17.343 ug/l
RT: 6.87 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Instrument :
MSVOA_N
ClientSampleId :
ICVVN061020

Tot Ion	43	Resp	69211
Ion Ratio	100	Lower	Upper
45	15.3	11.4	17.2

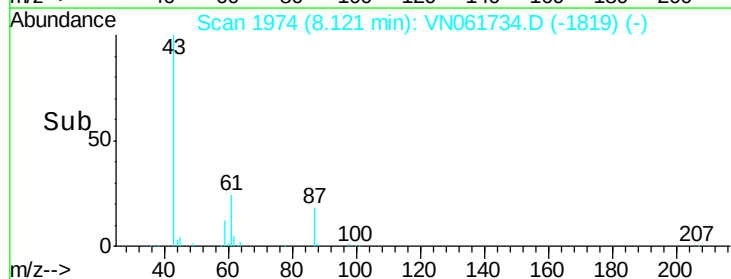
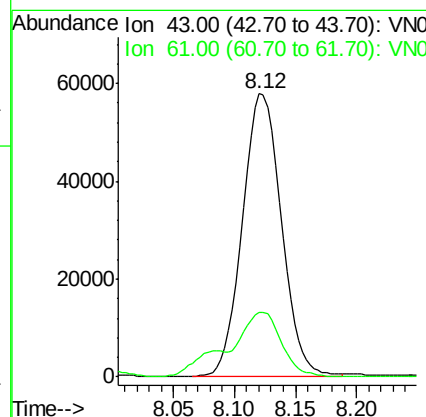
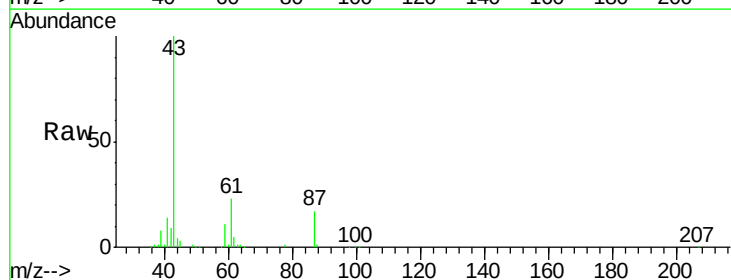
Manual Integrations
APPROVED

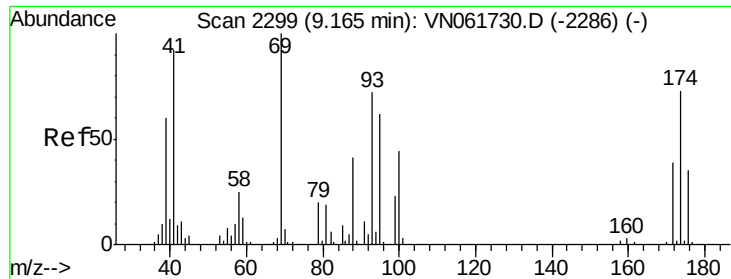
MMDadoda
6/11/2020 12:44:37 PM



#44
Isopropyl Acetate
Concen: 17.794 ug/l
RT: 8.12 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Tgt Ion	43	Resp	128484
Ion Ratio	100	Lower	Upper
61	22.6	18.9	28.3





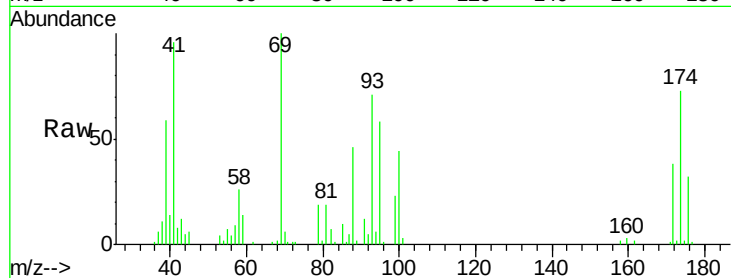
#45
 1,4-Dioxane
 Concen: 397.655 ug/l
 RT: 9.16 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061020

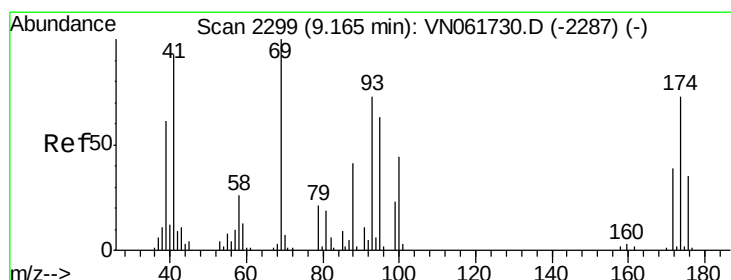
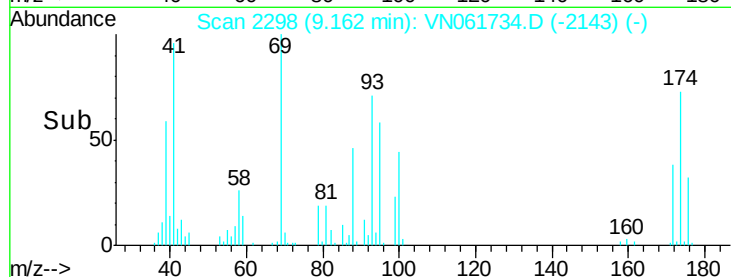
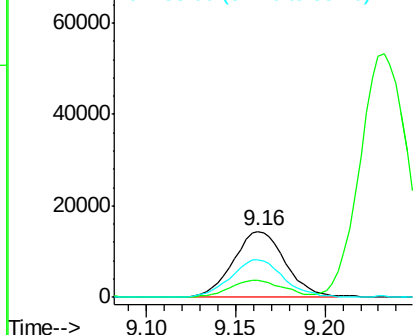
Tot Ion	88	Resp	29345
Ion	Ratio	Lower	Upper
88	100		
43	27.0	21.8	32.8
58	58.5	48.4	72.6

Manual Integrations
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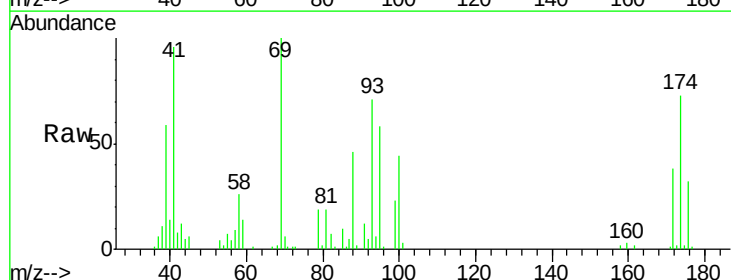


Abundance Ion 88.00 (87.70 to 88.70): VNO
 Ion 43.00 (42.70 to 43.70): VNO
 Ion 58.00 (57.70 to 58.70): VNO

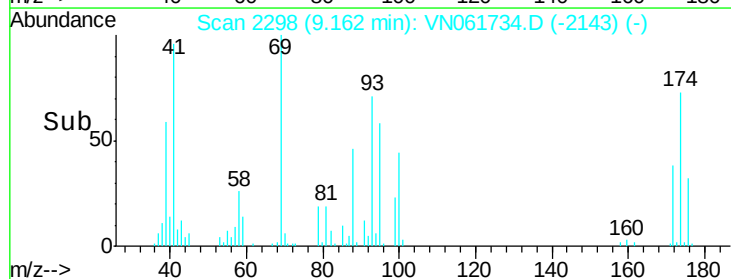
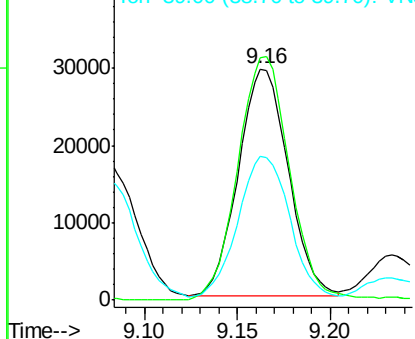


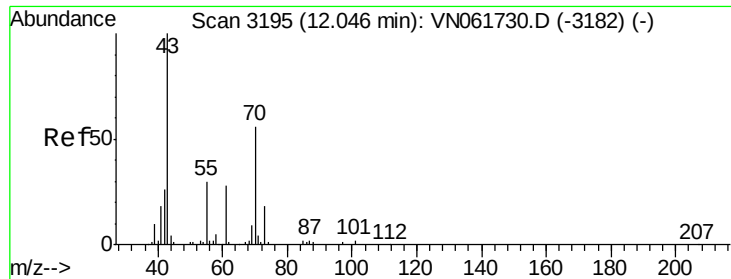
#46
 Methyl methacrylate
 Concen: 17.436 ug/l
 RT: 9.16 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

Tgt Ion	41	Resp	54618
Ion	Ratio	Lower	Upper
41	100		
69	106.9	53.8	161.4
39	61.9	33.0	98.9



Abundance Ion 41.00 (40.70 to 41.70): VNO
 Ion 69.00 (68.70 to 69.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO





#47

n-amvl Acetate

Concen: 17.216 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

ICVVN061020

Tot Ion: 43 Resp: 105338

Ion Ratio Lower Upper

43 100

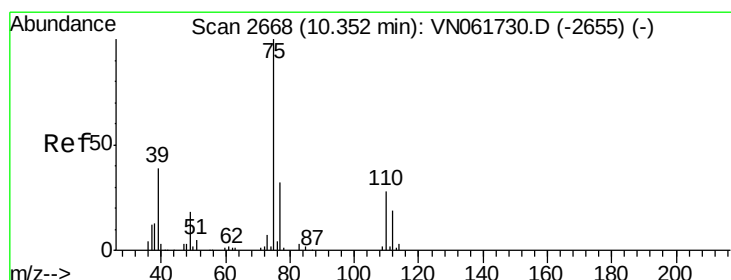
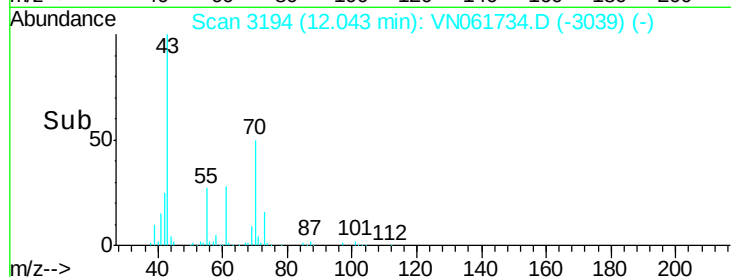
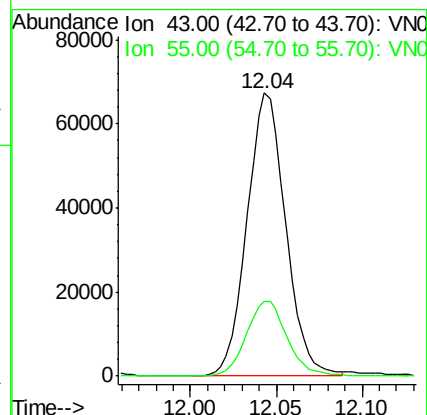
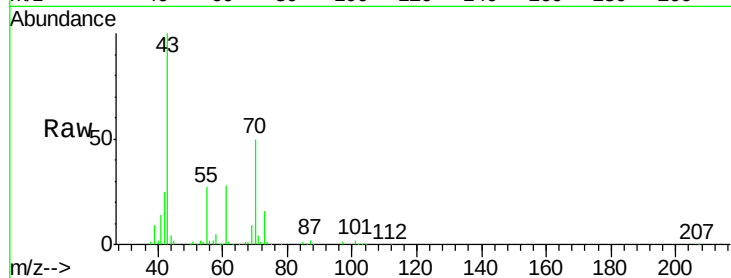
55 27.9 22.7 34.1

Manual Integrations

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6/11/2020 12:44:37 PM



#48

t-1,3-Dichloropropene

Concen: 18.040 ug/l

RT: 10.35 min Scan# 2667

Delta R.T. -0.00 min

Lab File: VN061734.D

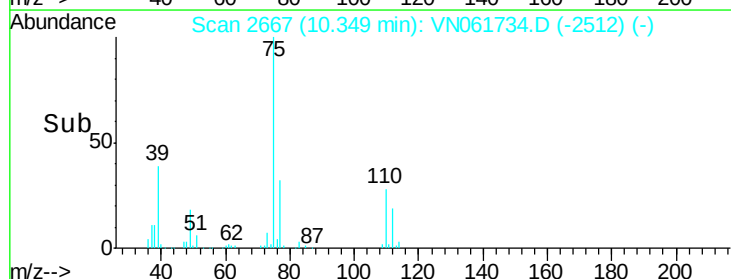
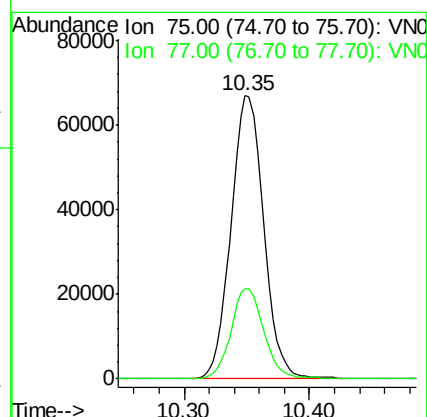
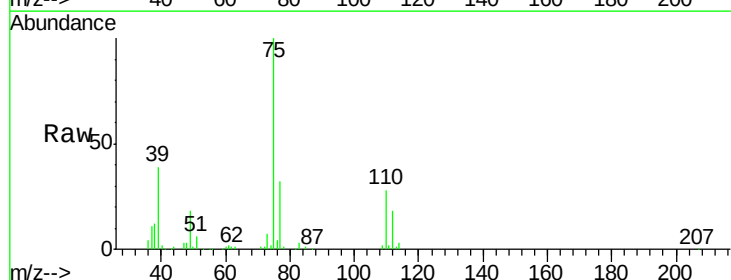
Acq: 10 Jun 2020 13:38

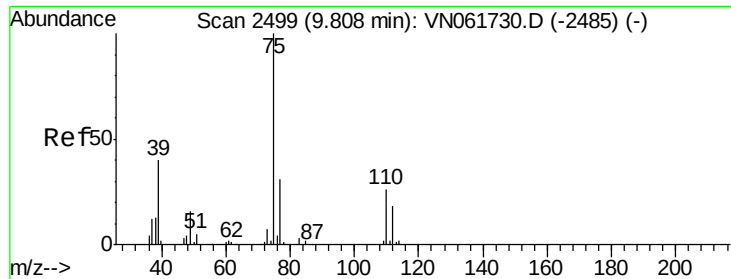
Tgt Ion: 75 Resp: 121260

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2





#49

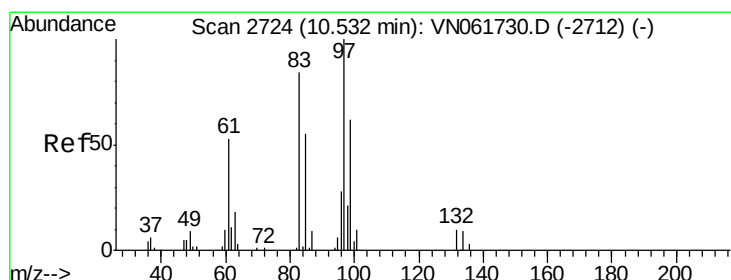
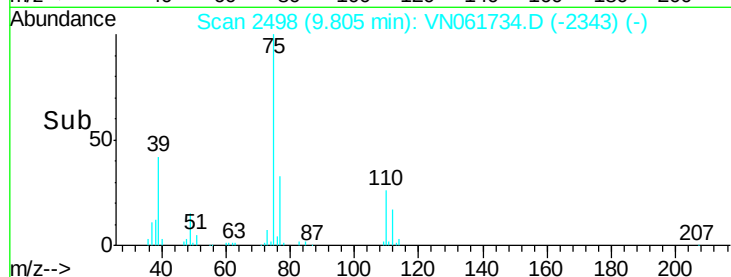
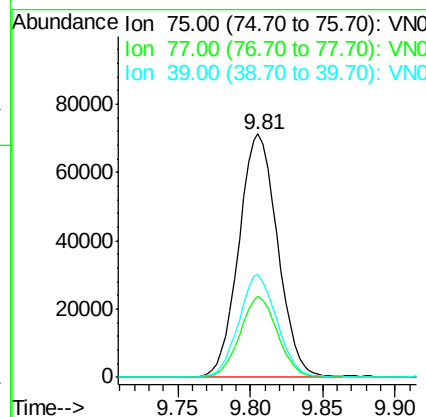
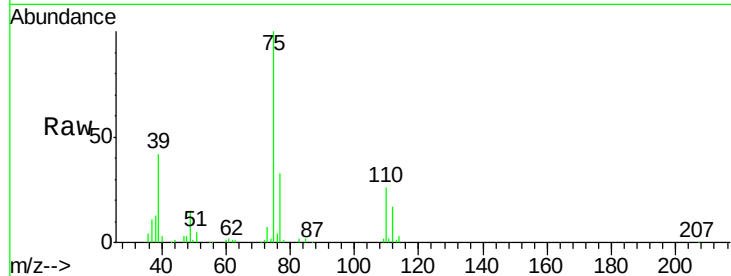
cis-1,3-Dichloropropene
Concen: 18.093 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Instrument :
MSVOA_N
ClientSampleId :
ICVVN061020

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.3	24.8	37.2
39	42.1	31.8	47.6

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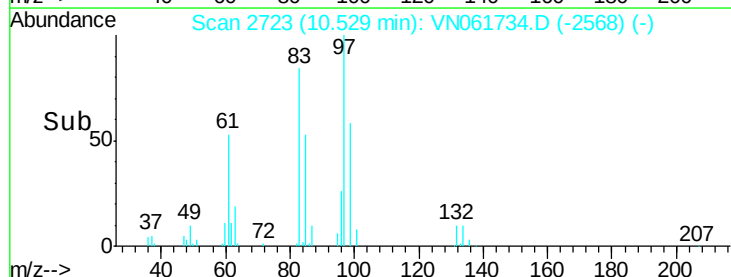
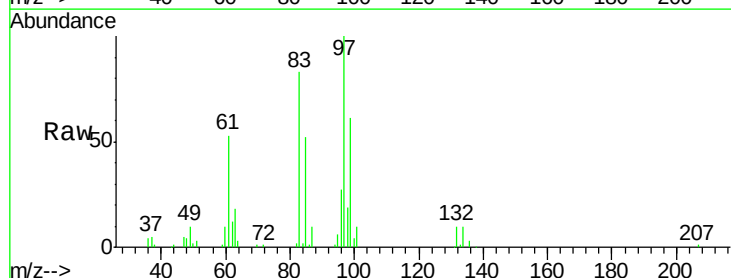
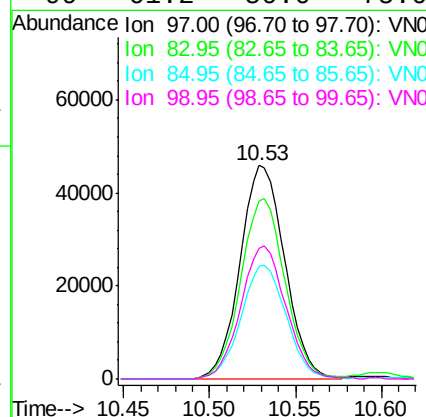
MMDadoda
6/11/2020 12:44:37 PM

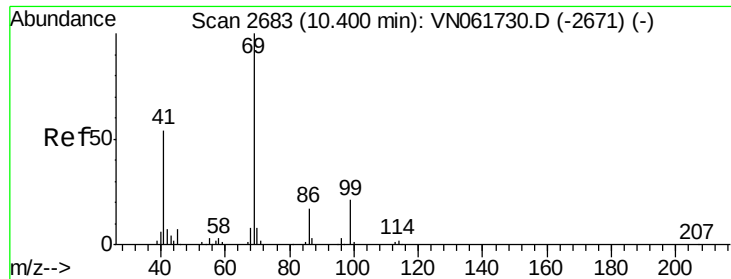


#50

1,1,2-Trichloroethane
Concen: 18.005 ug/l
RT: 10.53 min Scan# 2723
Delta R.T. -0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.1	67.6	101.4
85	52.5	44.0	66.0
99	61.2	50.0	75.0





#51

Ethyl methacrylate

Concen: 17.962 ug/l

RT: 10.40 min Scan# 2682

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

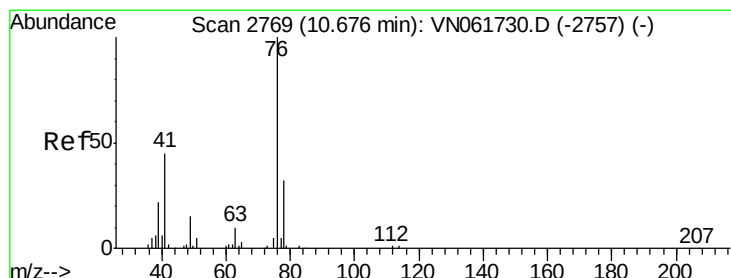
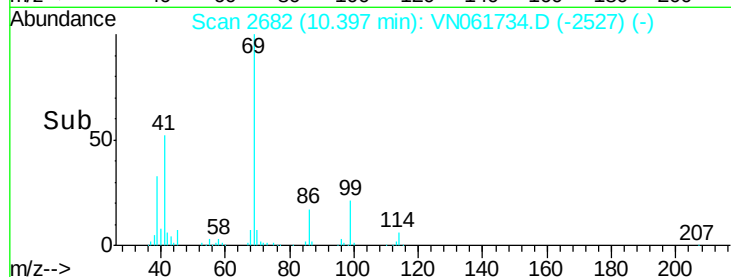
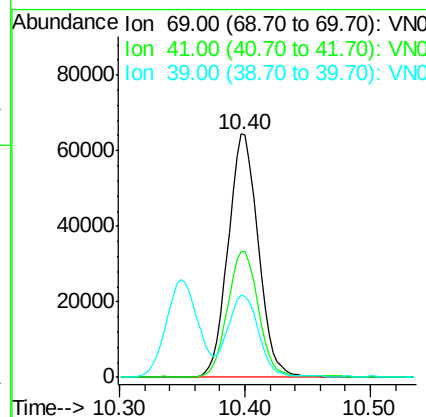
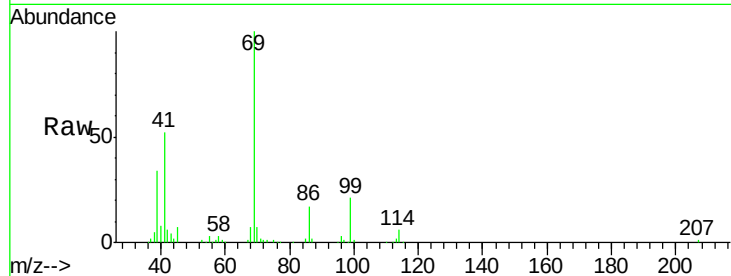
ClientSampleId :

ICVVN061020

Tot Ion:	69	Resp:	107749
Ion	Ratio	Lower	Upper
69	100		
41	51.7	26.9	80.7
39	33.2	16.7	50.1

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 18.232 ug/l

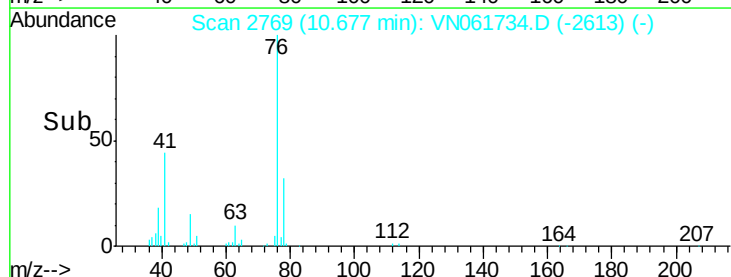
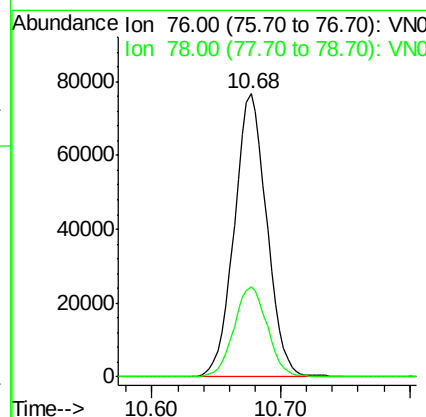
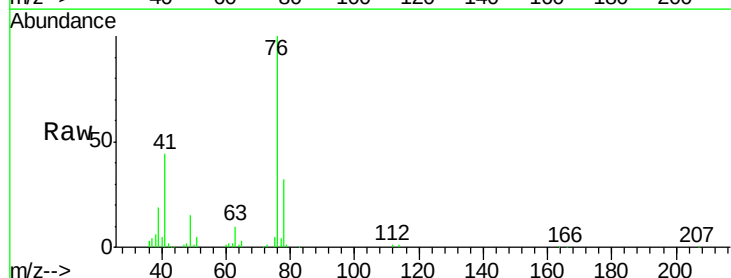
RT: 10.68 min Scan# 2769

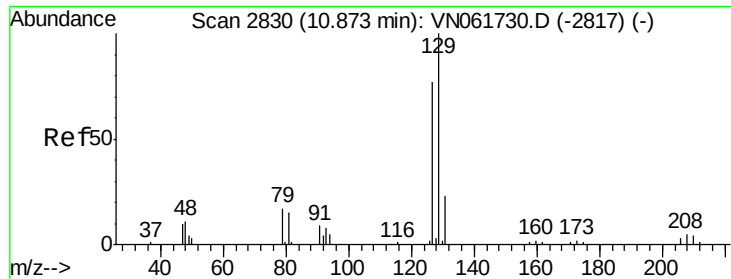
Delta R.T. 0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Tgt Ion:	76	Resp:	134063
Ion	Ratio	Lower	Upper
76	100		
78	32.8	0.0	65.8





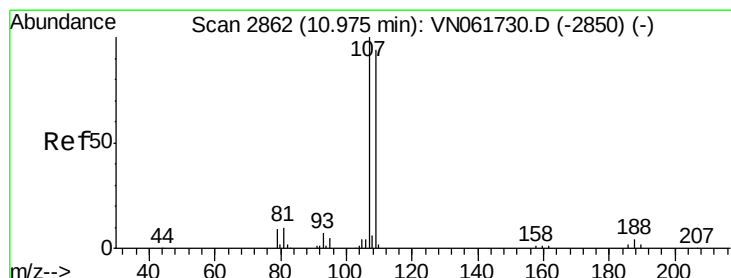
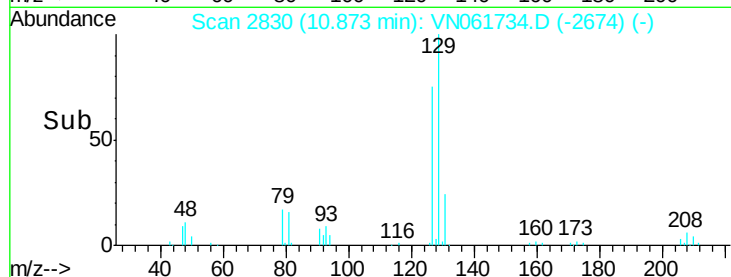
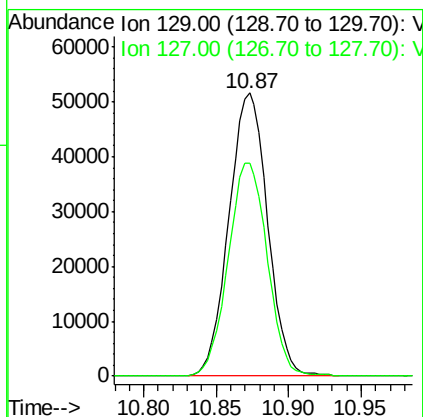
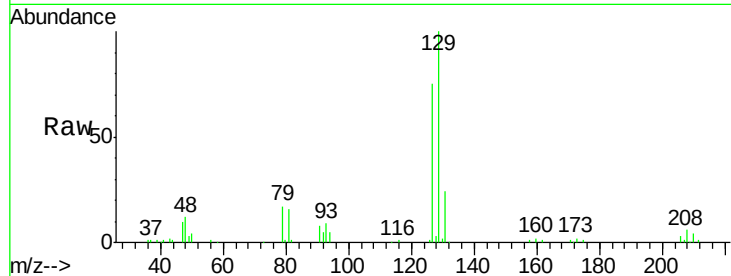
#53
 Dibromochloromethane
 Concen: 17.564 ug/l
 RT: 10.87 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061020

Tot Ion	Ratio	Lower	Upper
129	100		
127	76.2	38.6	116.0

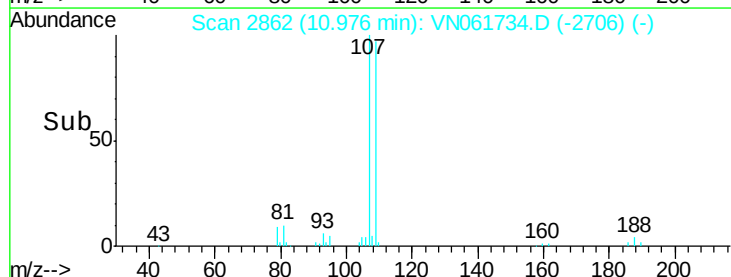
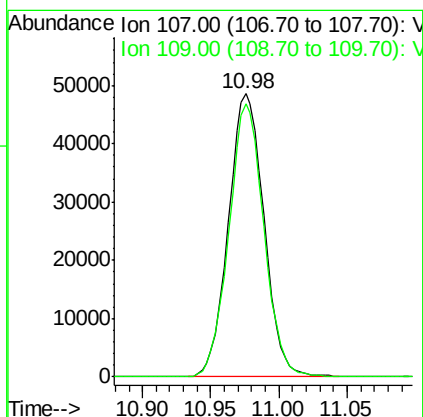
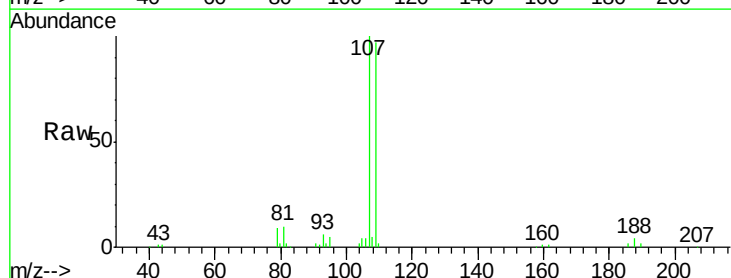
Manual Integrations
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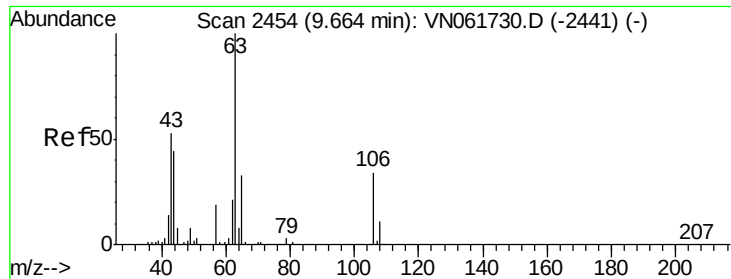
MMDadoda
 6/11/2020 12:44:37 PM



#54
 1,2-Dibromoethane
 Concen: 18.172 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
107	100		
109	95.0	76.6	114.8





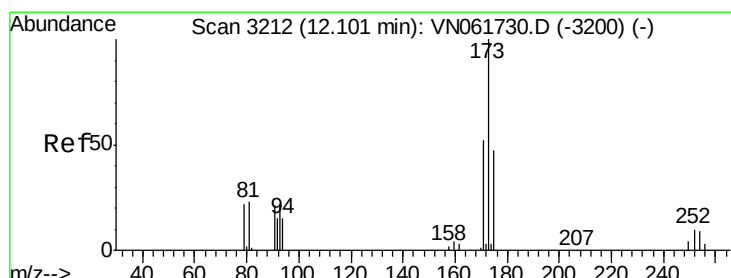
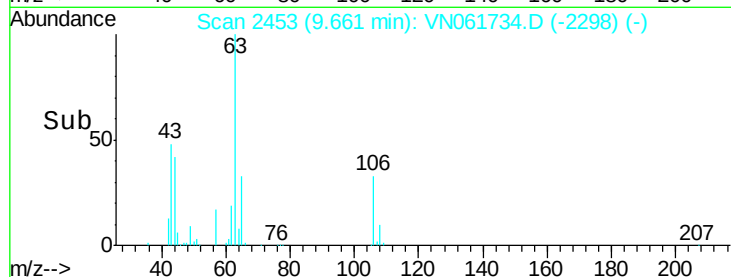
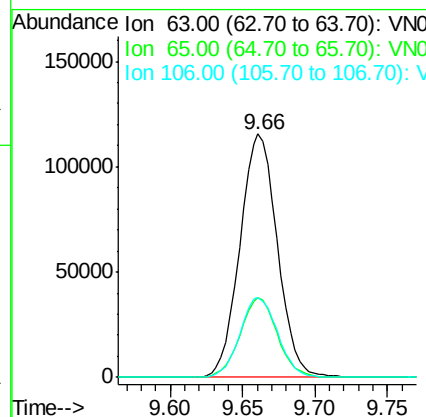
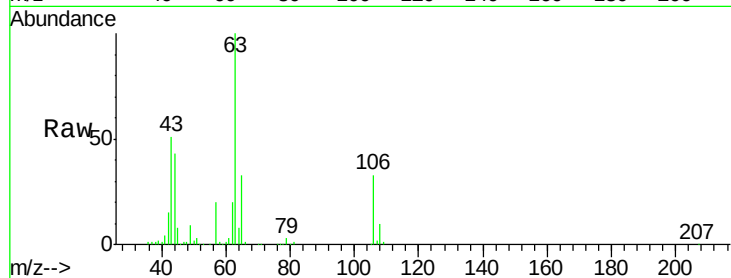
#55
2-Chloroethyl vinyl ether
Concen: 90.816 ug/l
RT: 9.66 min Scan# 2453
Delta R.T. -0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Instrument :
MSVOA_N
ClientSampleId :
ICVVN061020

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.8	38.8
106	33.0	26.5	39.7

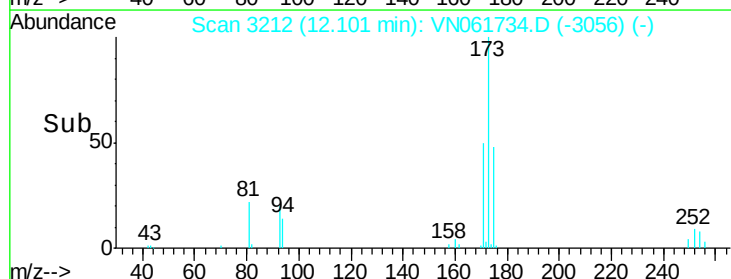
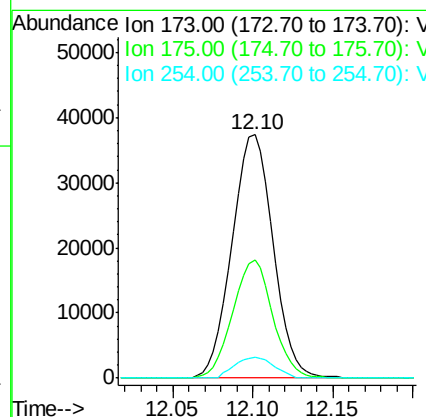
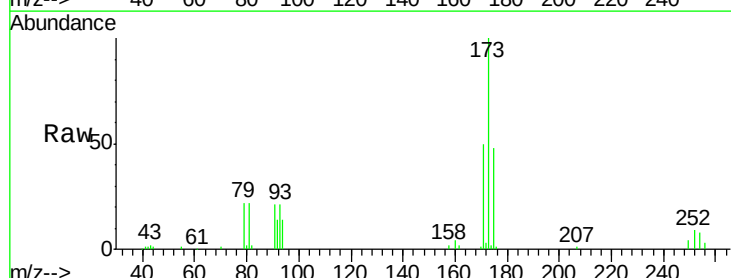
Manual Integrations
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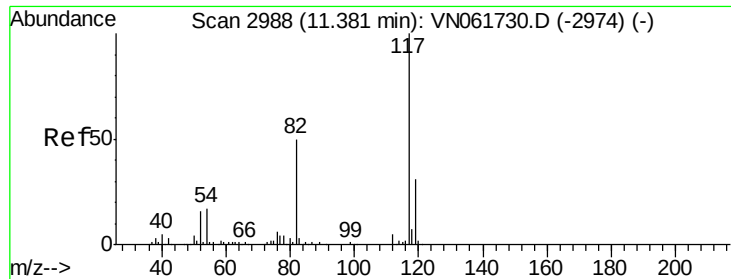
MMDadoda
6/11/2020 12:44:37 PM



#56
Bromoform
Concen: 17.252 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.0	37.5	56.3
254	8.2	6.9	10.3





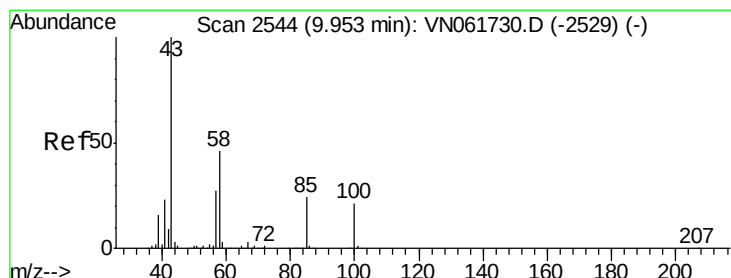
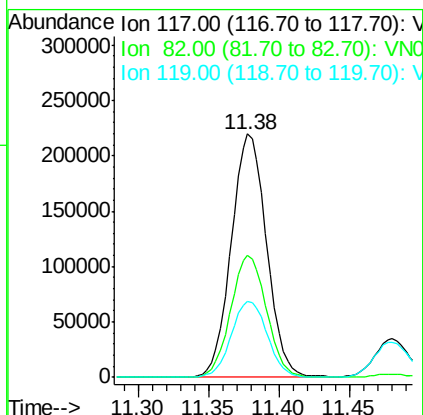
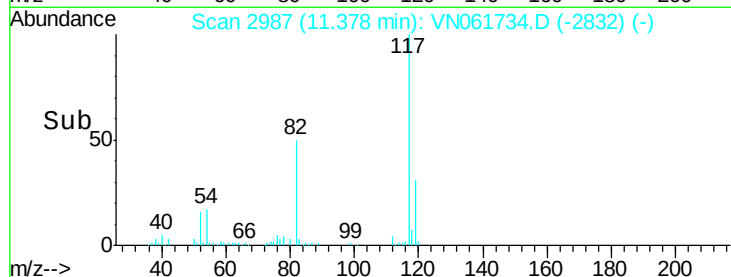
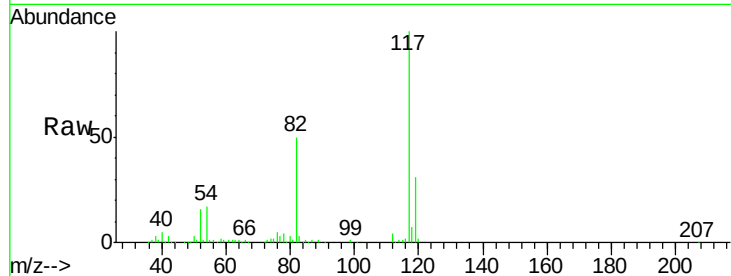
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Instrument :
MSVOA_N
ClientSampled :
ICVVN061020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	385321		
82	50.6		40.6	60.8
119	32.0		25.4	38.2

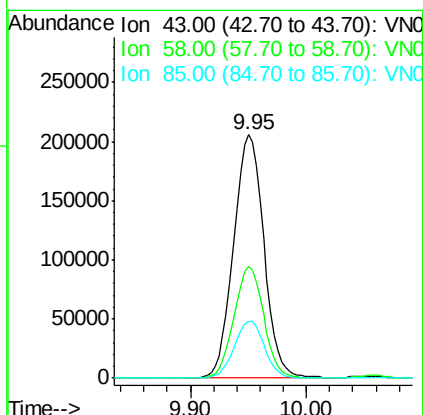
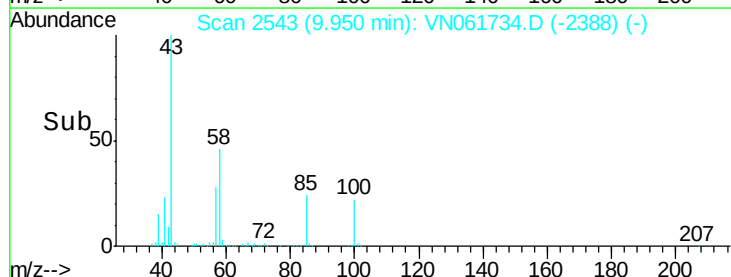
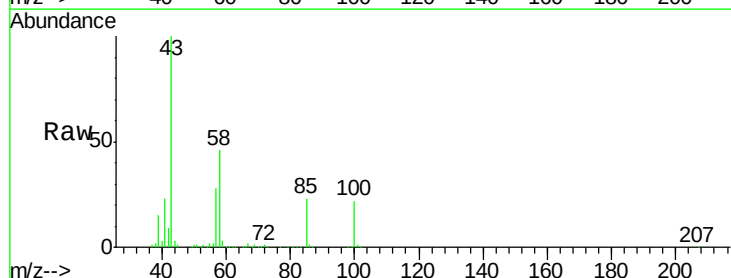
Manual Integrations
APPROVED

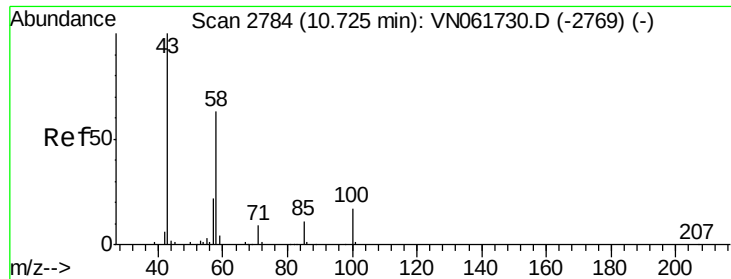
MMDadoda
6/11/2020 12:44:37 PM



#58
4-Methyl-2-Pentanone
Concen: 93.331 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	371926		
58	45.0		36.6	54.8
85	23.3		19.0	28.6





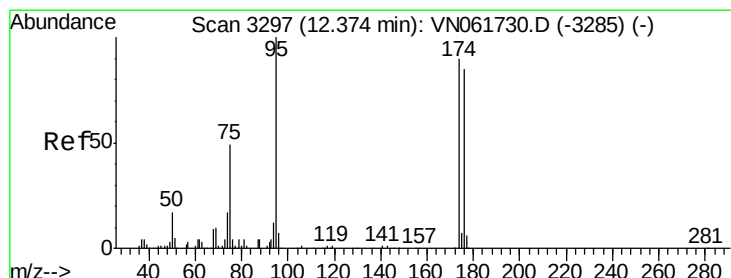
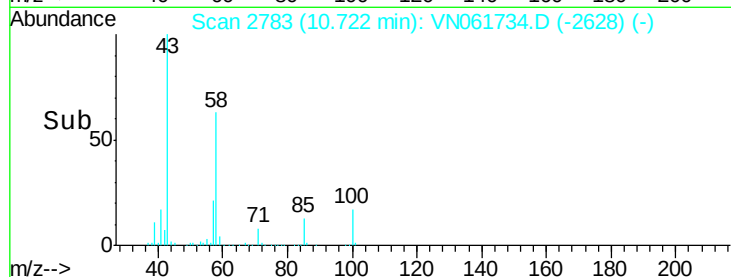
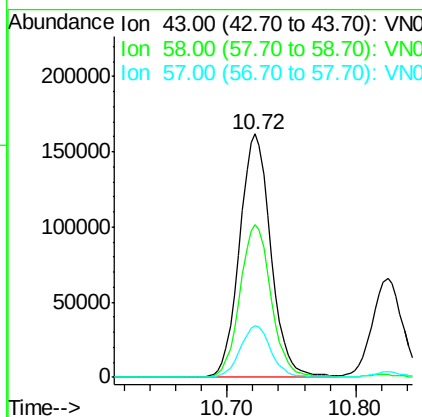
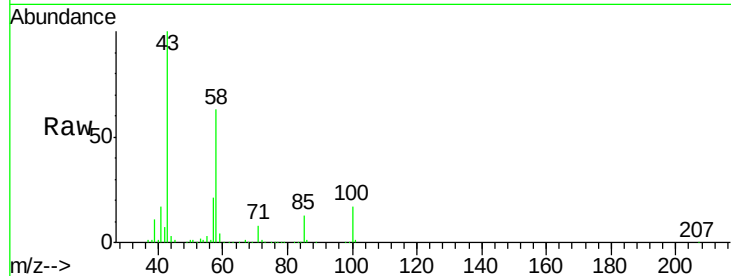
#59
2-Hexanone
Concen: 94.546 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Instrument :
MSVOA_N
ClientSampled :
ICVVN061020

Tot Ion	Ratio	Lower	Upper
43	100		
58	62.6	50.4	75.6
57	21.0	17.2	25.8

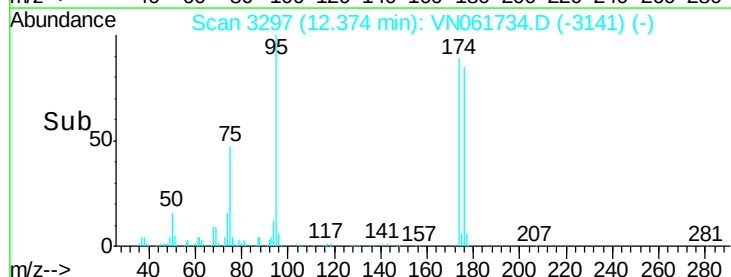
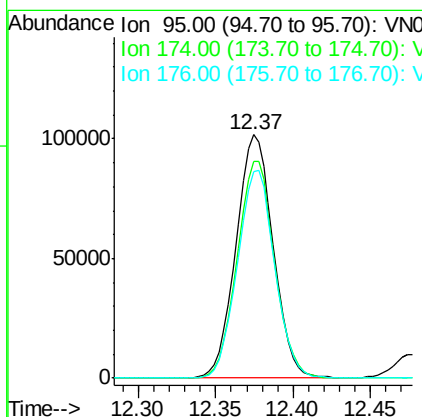
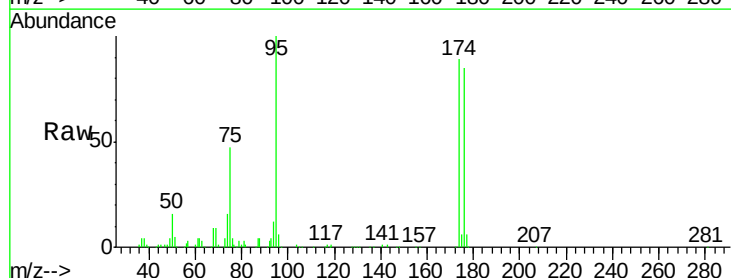
Manual Integrations
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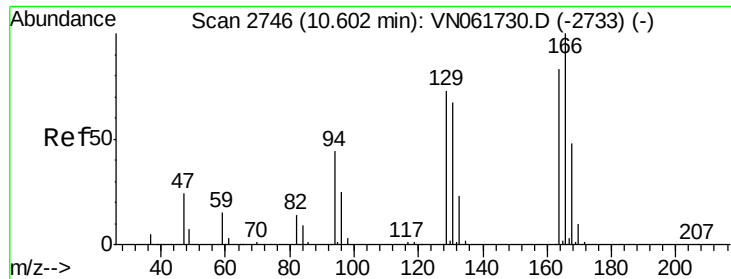
MMDadoda
6/11/2020 12:44:37 PM



#60
4-Bromofluorobenzene
Concen: 29.846 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.6	72.8	109.2
176	85.8	69.2	103.8





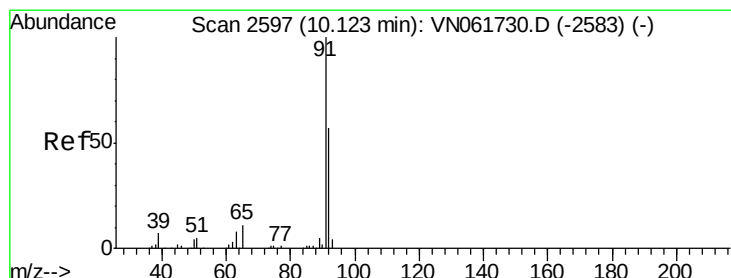
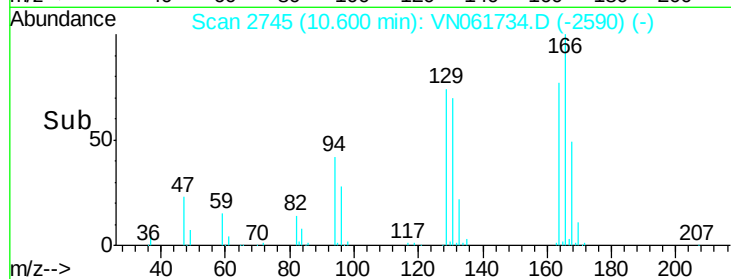
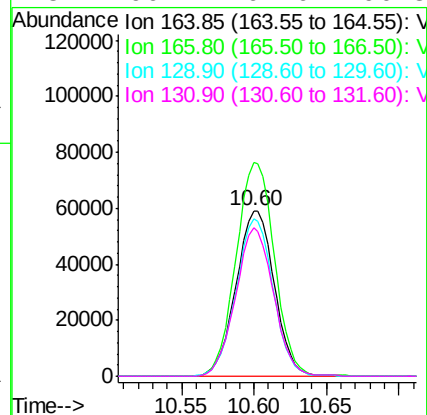
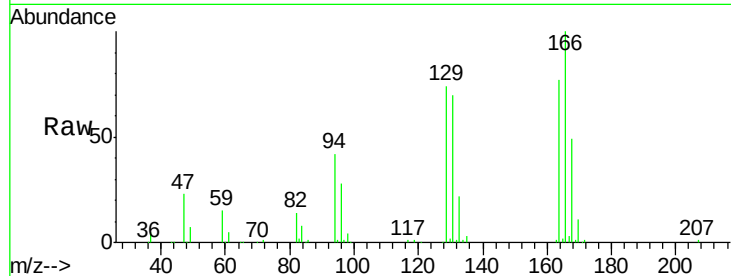
#61
Tetrachloroethene
Concen: 18.403 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Instrument :
MSVOA_N
ClientSampleId :
ICVVN061020

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	129.2	96.6	144.8	
129	95.2	70.1	105.1	
131	90.2	64.6	96.8	

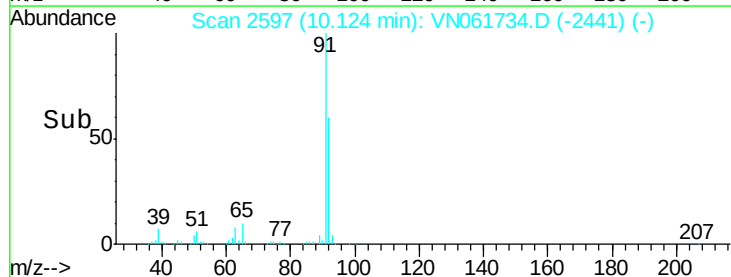
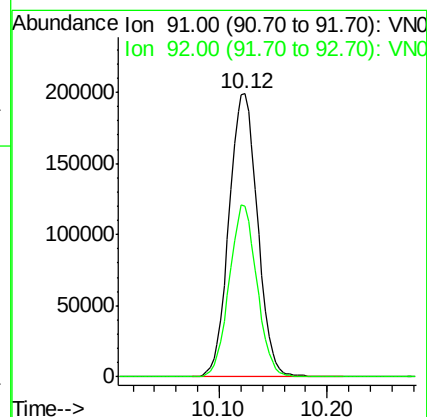
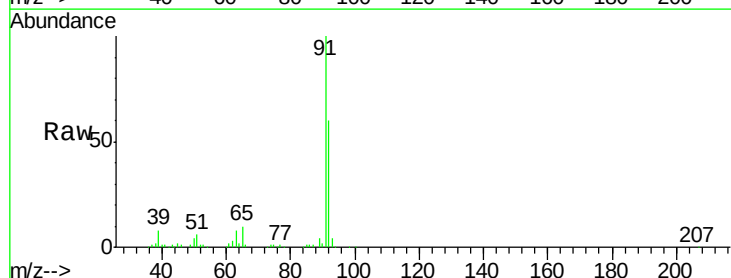
Manual Integrations
APPROVED

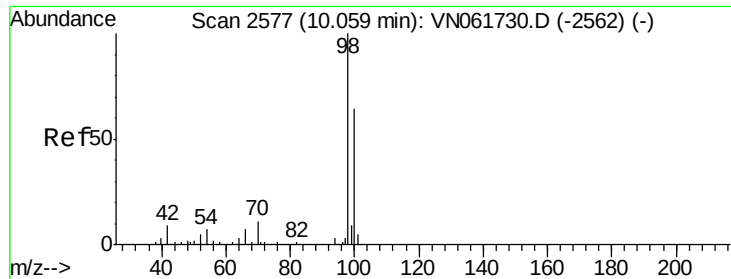
MMDadoda
6/11/2020 12:44:37 PM



#62
Toluene
Concen: 19.040 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. 0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
91	100			
92	58.8	45.8	68.8	





#63

Toluene-d8

Concen: 30.109 ug/l

RT: 10.06 min Scan# 2576

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampled :

ICVVN061020

Tot Ion: 98 Resp: 492803

Ion Ratio Lower Upper

98 100

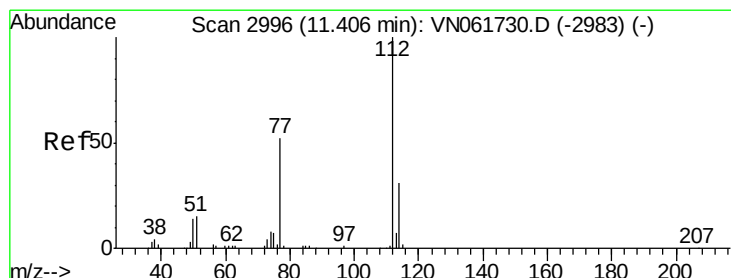
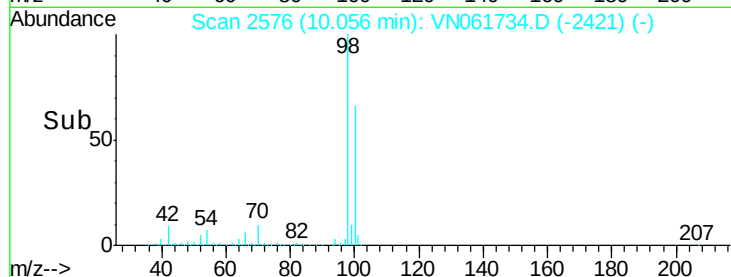
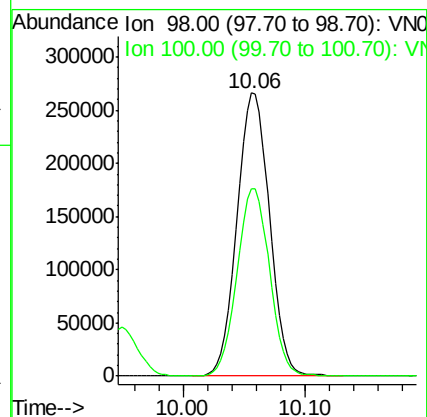
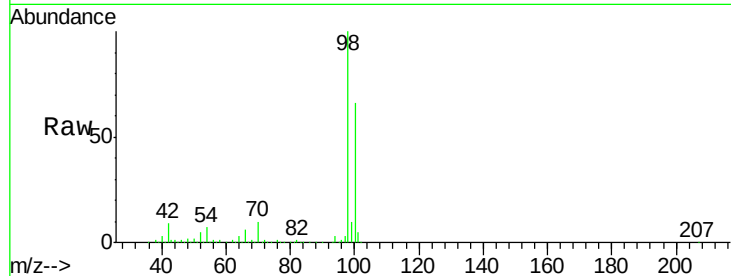
100 66.1 52.2 78.4

Manual Integrations

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6/11/2020 12:44:37 PM



#64

Chlorobenzene

Concen: 18.744 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN061734.D

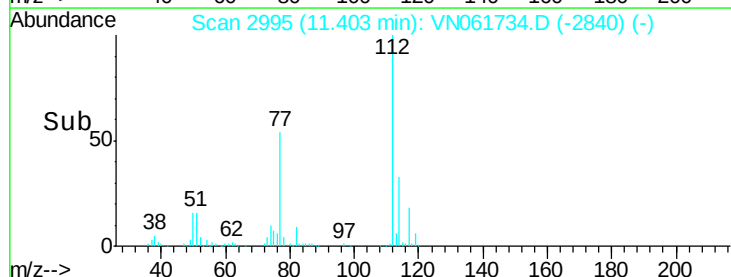
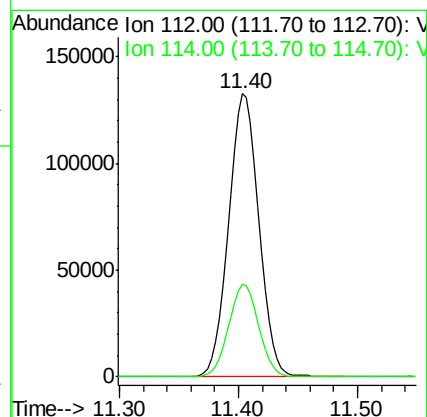
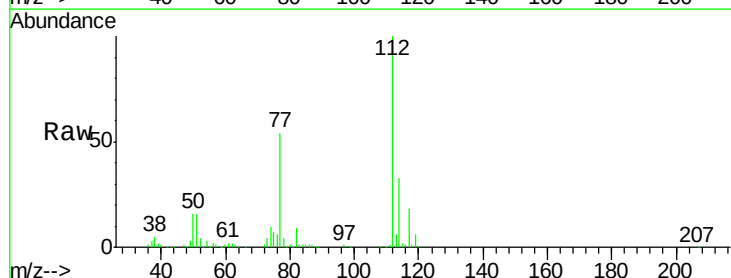
Acq: 10 Jun 2020 13:38

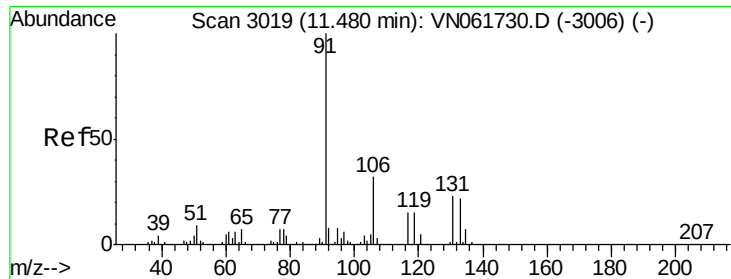
Tgt Ion: 112 Resp: 233331

Ion Ratio Lower Upper

112 100

114 32.9 24.9 37.3





#65

1,1,1,2-Tetrachloroethane

Concen: 18.790 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

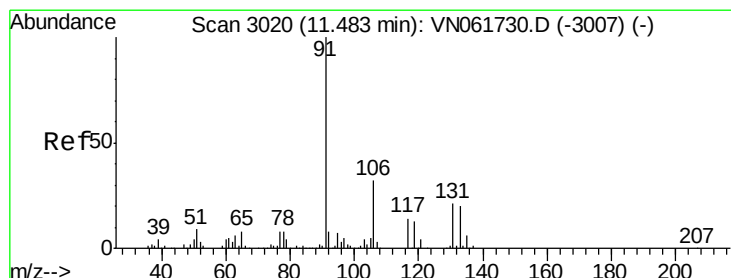
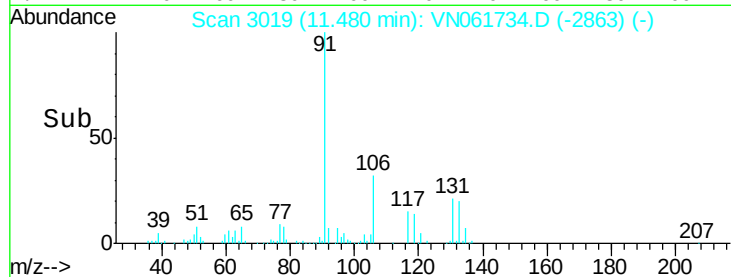
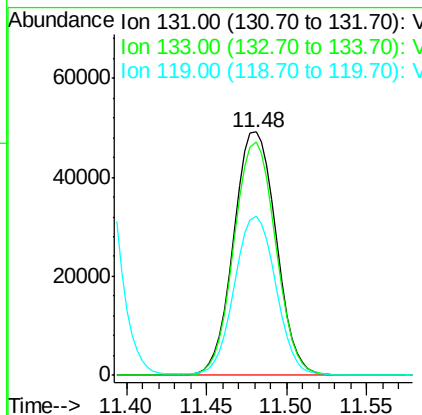
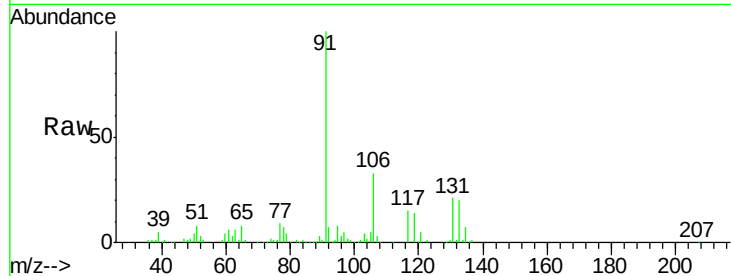
ClientSampled :

ICVVN061020

Tot Ion:	131	Resp:	89160
Ion	Ratio	Lower	Upper
131	100		
133	94.1	0.0	189.4
119	63.8	0.0	130.8

Manual Integrations
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#66

Ethyl Benzene

Concen: 18.941 ug/l

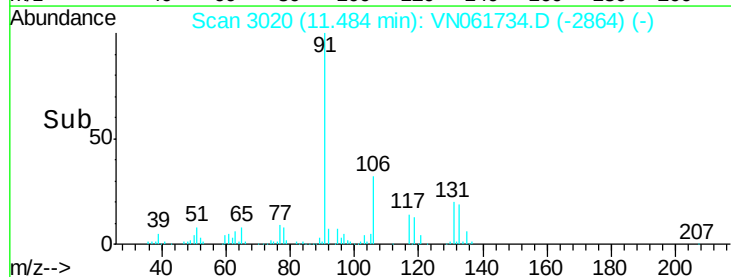
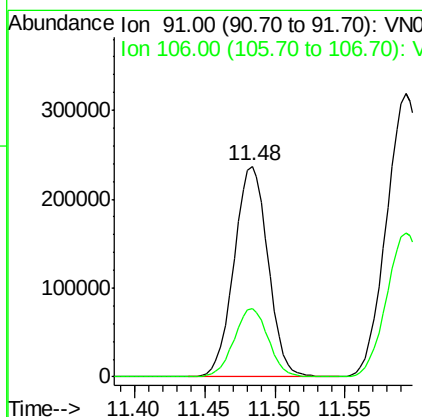
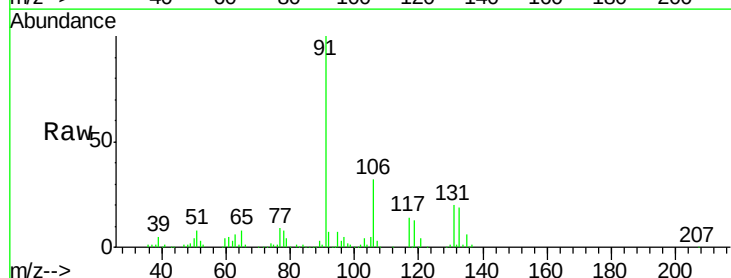
RT: 11.48 min Scan# 3020

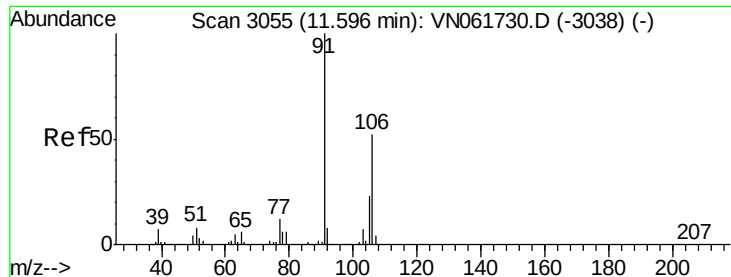
Delta R.T. 0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Tgt Ion:	91	Resp:	401127
Ion	Ratio	Lower	Upper
91	100		
106	32.5	25.7	38.5





#67

m/p-Xylenes

Concen: 37.513 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

ICV061020

Tot Ion:106 Resp: 316014

Ion Ratio Lower Upper

106 100

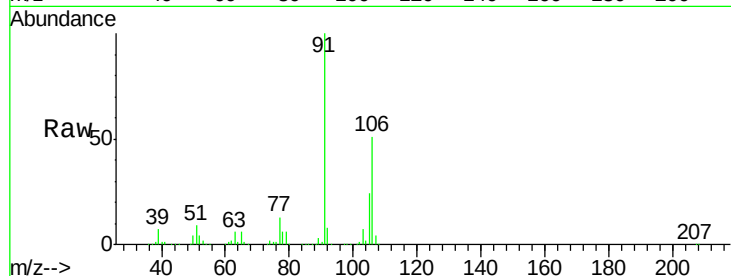
91 194.6 156.2 234.4

Manual Integrations

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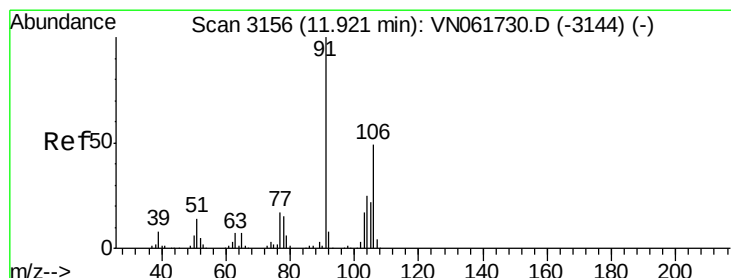
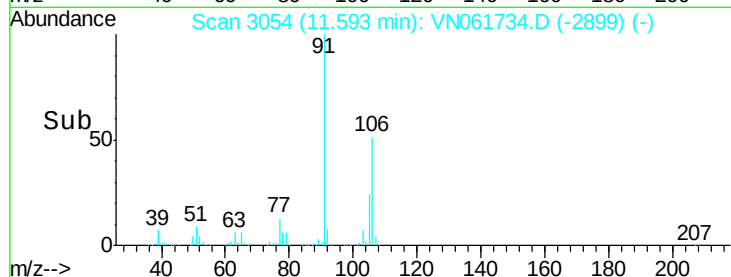
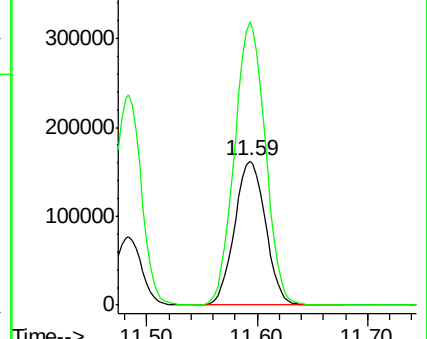
MMDadoda

6/11/2020 12:44:37 PM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#68

o-Xylene

Concen: 18.909 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN061734.D

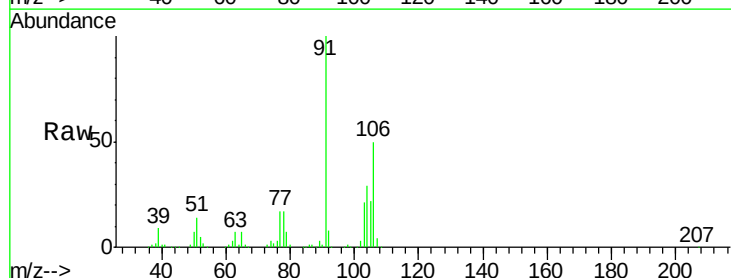
Acq: 10 Jun 2020 13:38

Tgt Ion:106 Resp: 150451

Ion Ratio Lower Upper

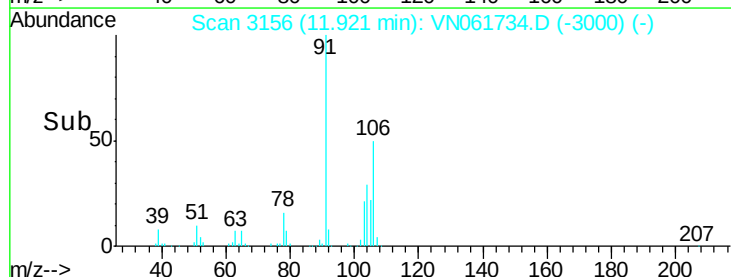
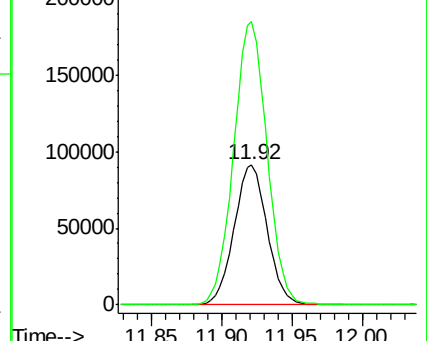
106 100

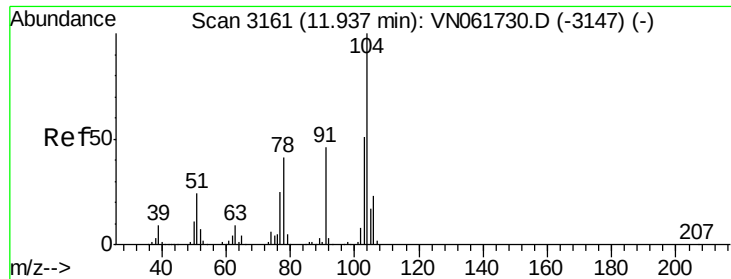
91 204.0 101.9 305.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





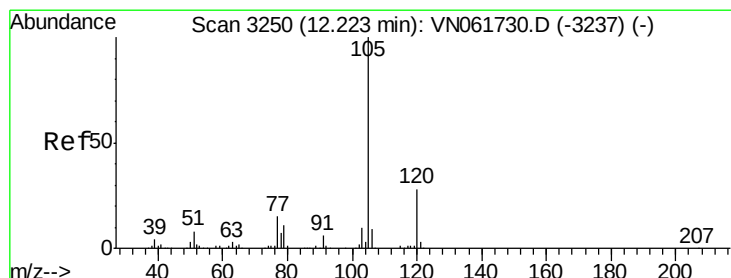
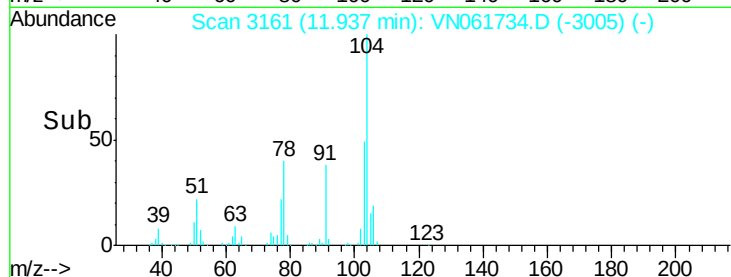
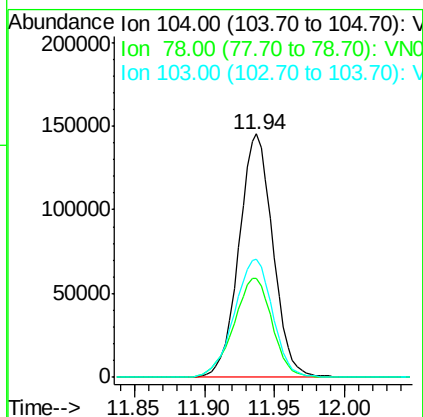
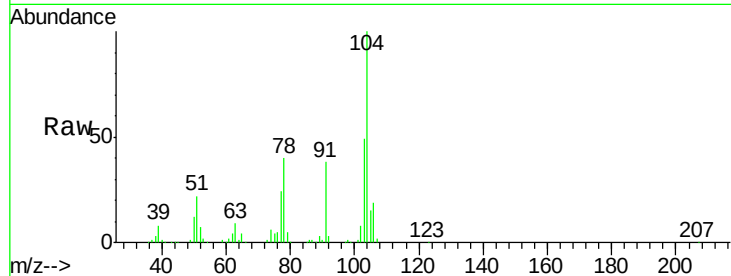
#69
Stvrene
Concen: 18.211 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Instrument :
MSVOA_N
ClientSampleId :
ICVVN061020

Tot Ion	Ratio	Lower	Upper
104	100		
78	46.0	36.5	54.7
103	54.4	43.4	65.2

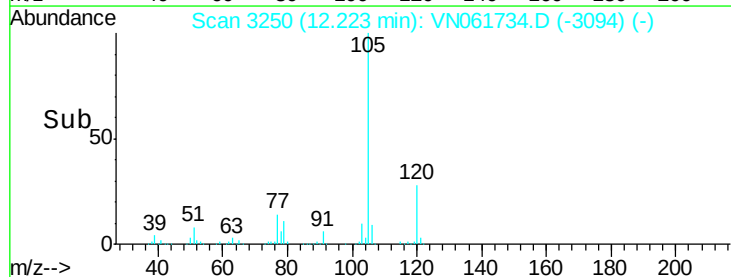
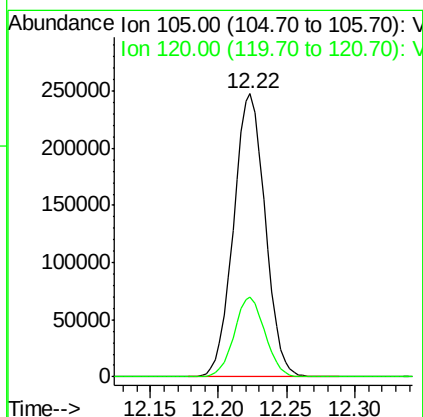
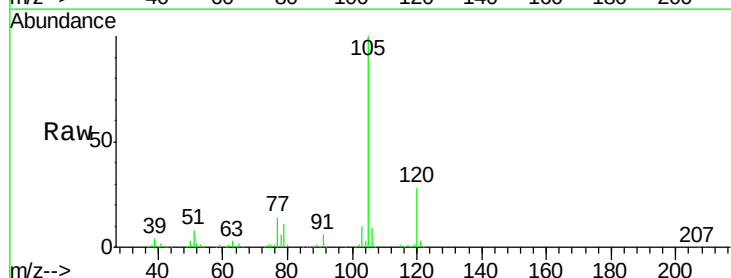
Manual Integrations
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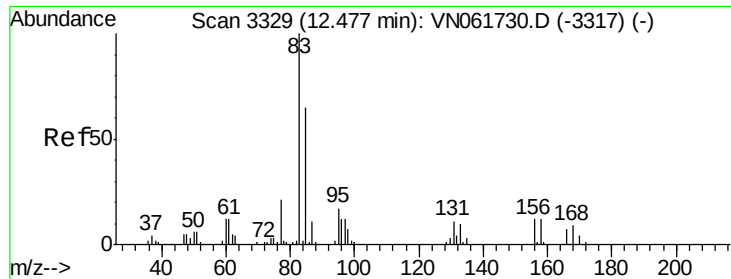
MMDadoda
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#70
Isopropylbenzene
Concen: 19.024 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.4	19.3	35.8





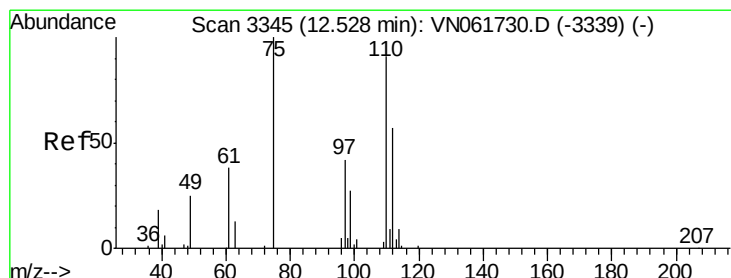
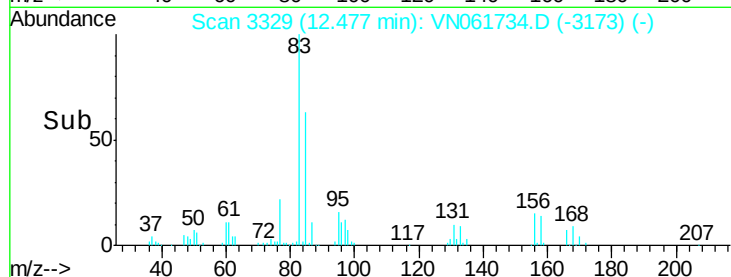
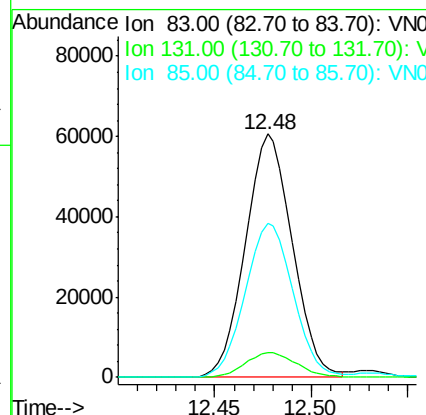
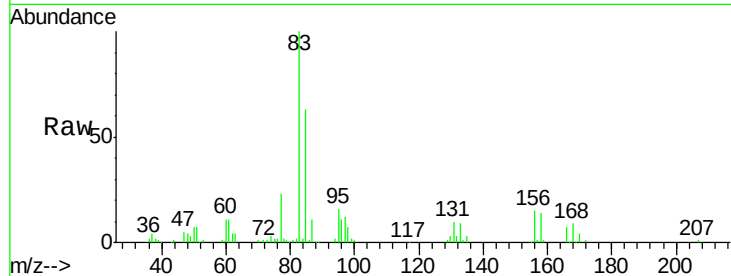
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.303 ug/l
 RT: 12.48 min Scan# 3329
 Delta R.T. 0.00 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061020

Tot Ion	83	Resp	102178
Ion Ratio	100	Lower	Upper
83	100		
131	11.1	5.7	17.0
85	64.7	33.0	98.9

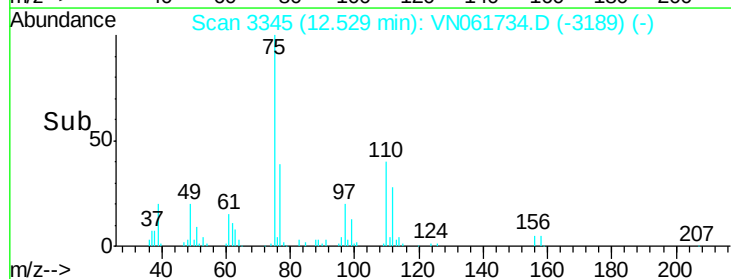
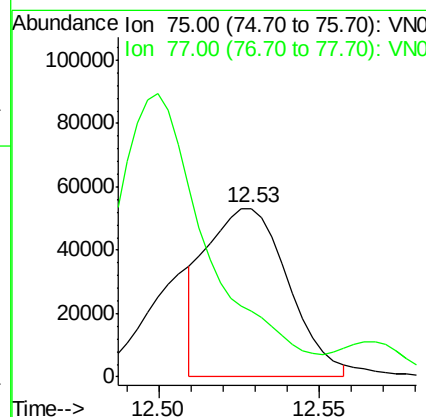
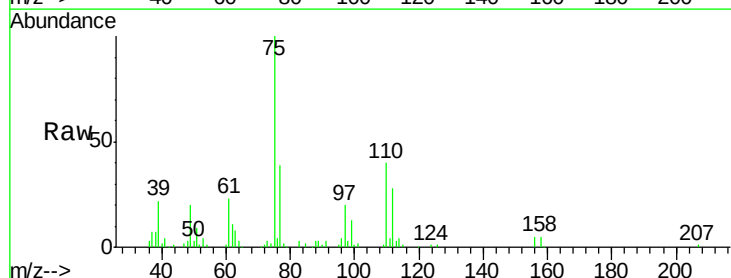
Manual Integrations
 APPROVED

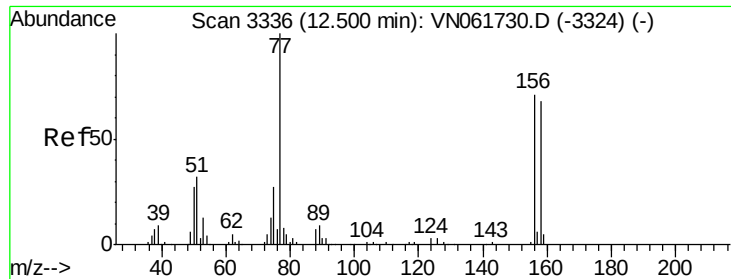
MMDadoda
 6/11/2020 12:44:37 PM



#72
 1,2,3-Trichloropropane
 Concen: 17.848 ug/l m
 RT: 12.53 min Scan# 3345
 Delta R.T. 0.00 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

Tgt Ion	75	Resp	93927
Ion Ratio	100	Lower	Upper
75	100		
77	193.8	0.0	371.8





#73

Bromobenzene

Concen: 18.936 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

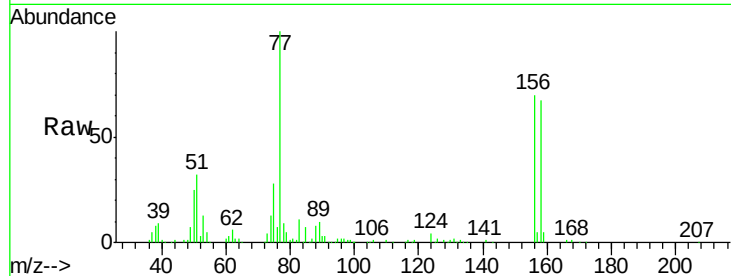
ClientSampled :

ICVVN061020

Tot Ion:	156	Resp:	107510
Ion Ratio	Lower	Upper	
156	100		
77	169.3	0.0	350.0
158	94.4	0.0	195.4

Manual Integrations
APPROVED

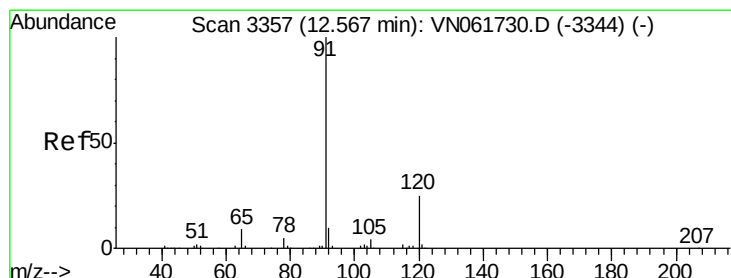
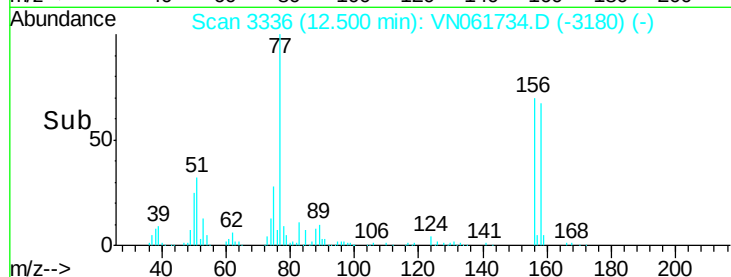
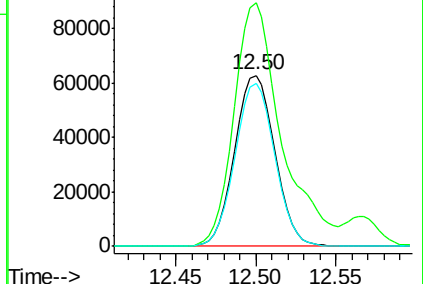
MMDadoda
6/11/2020 12:44:37 PM



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.882 ug/l

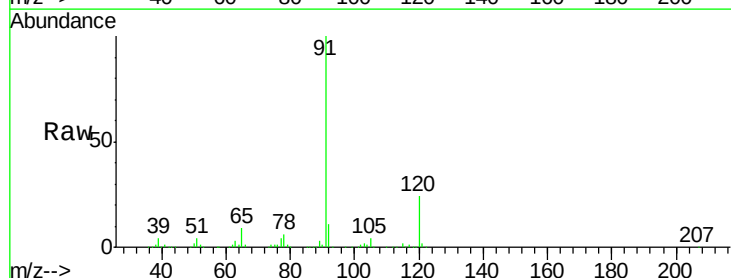
RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061734.D

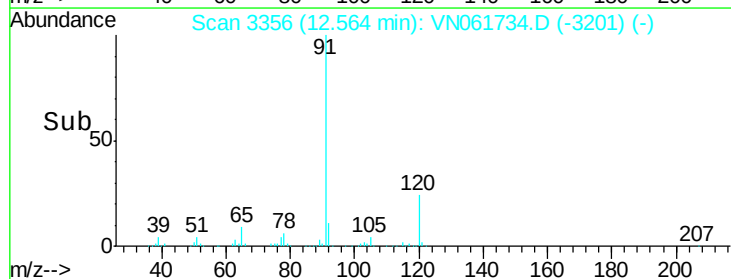
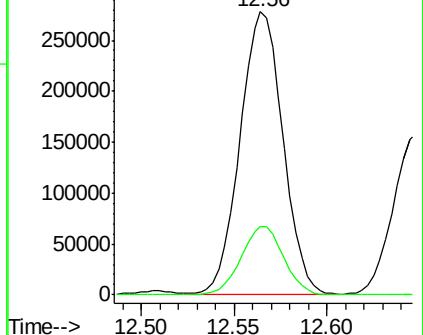
Acq: 10 Jun 2020 13:38

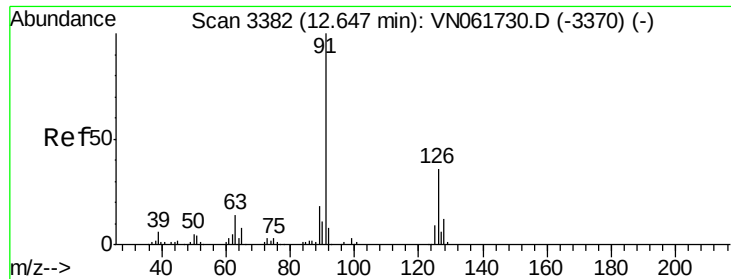
Tgt Ion:	91	Resp:	448547
Ion Ratio	Lower	Upper	
91	100		
120	24.0	0.0	48.4



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.886 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampled :

ICVVN061020

Tot Ion: 91 Resp: 264420

Ion Ratio Lower Upper

91 100

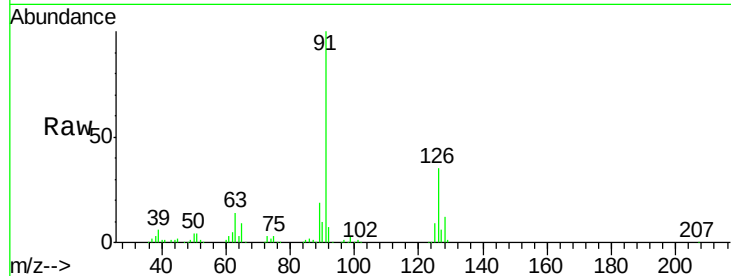
126 35.7 0.0 72.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN061730.D (-3370) (-)

Ion 126.00 (125.70 to 126.70): VN061730.D (-3370) (-)

300000

250000

200000

150000

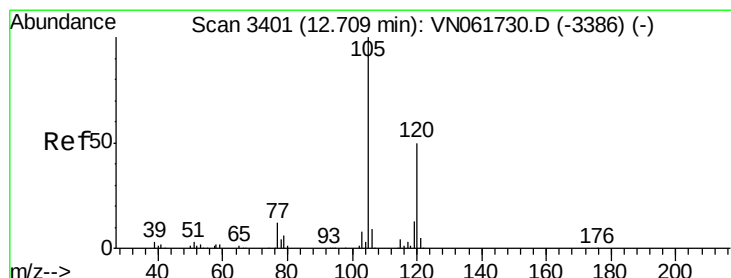
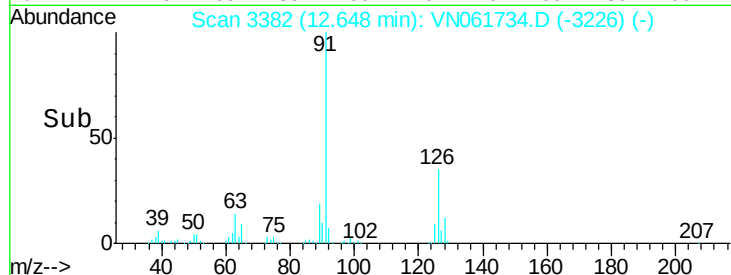
100000

50000

0

12.60 12.65 12.70

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 18.929 ug/l

RT: 12.71 min Scan# 3400

Delta R.T. -0.00 min

Lab File: VN061734.D

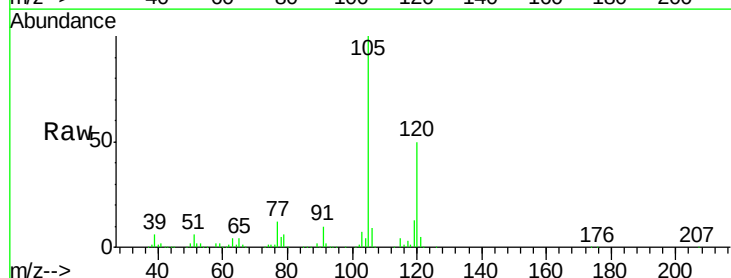
Acq: 10 Jun 2020 13:38

Tgt Ion: 105 Resp: 331634

Ion Ratio Lower Upper

105 100

120 50.0 0.0 101.6



Abundance Ion 105.00 (104.70 to 105.70): VN061730.D (-3386) (-)

Ion 120.00 (119.70 to 120.70): VN061730.D (-3386) (-)

200000

150000

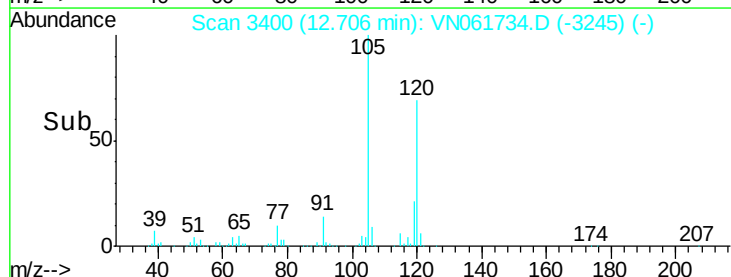
100000

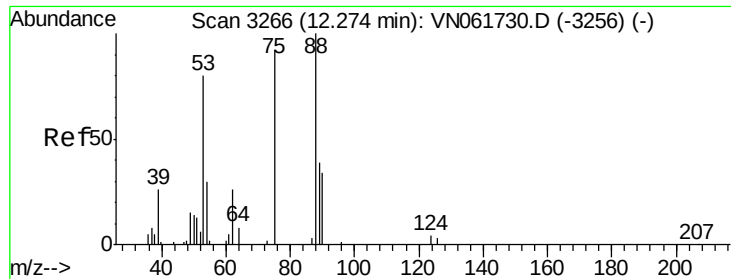
50000

0

12.60 12.70 12.80

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 18.293 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

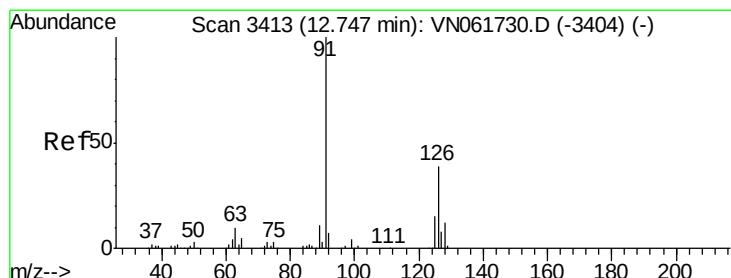
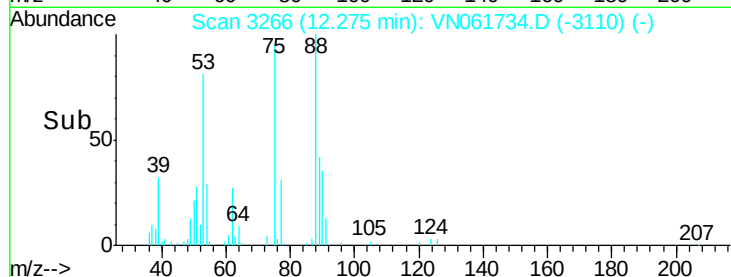
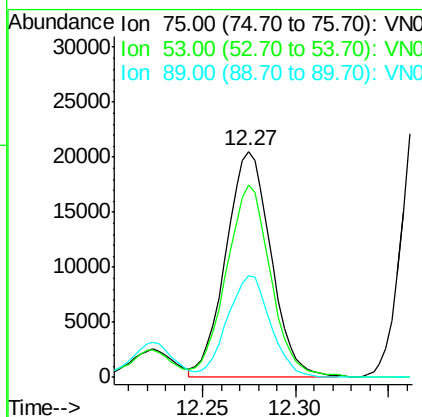
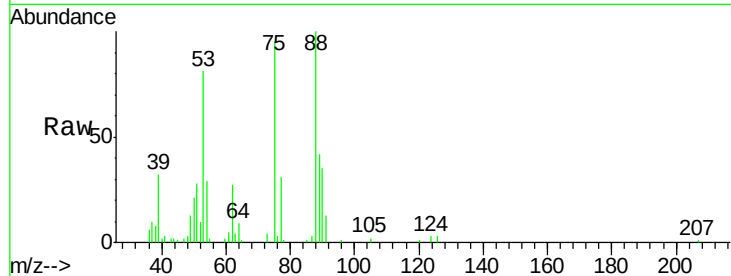
ClientSampled :

ICVVN061020

Tot Ion:	75	Resp:	34728
Ion	Ratio	Lower	Upper
75	100		
53	84.9	43.8	131.4
89	45.2	23.1	69.2

Manual Integrations
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#78

4-Chlorotoluene

Concen: 18.543 ug/l

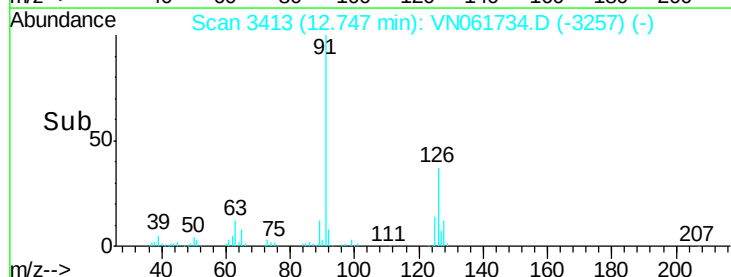
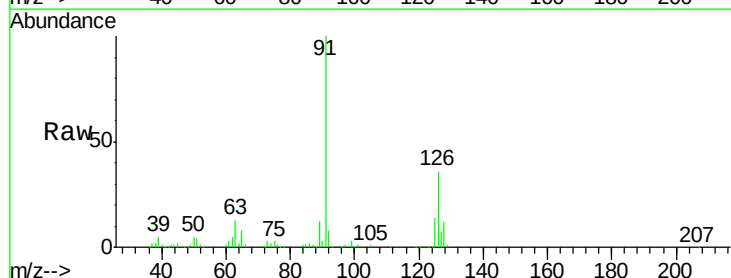
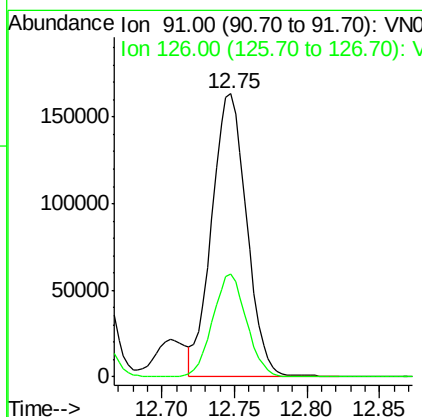
RT: 12.75 min Scan# 3413

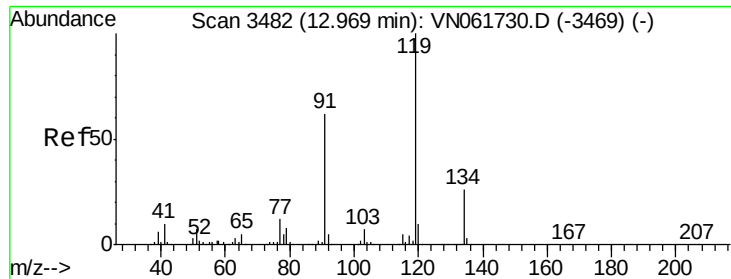
Delta R.T. 0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Tgt Ion:	91	Resp:	270511
Ion	Ratio	Lower	Upper
91	100		
126	35.2	0.0	70.4





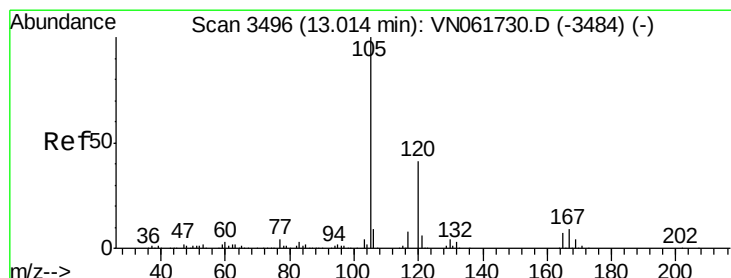
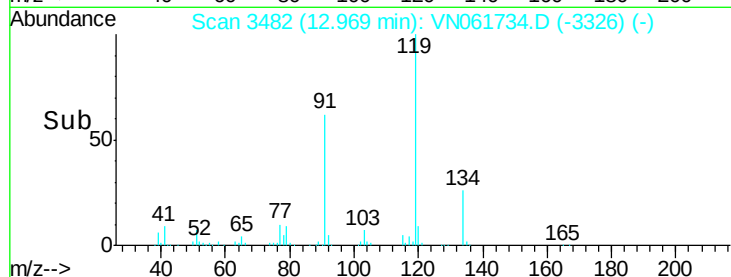
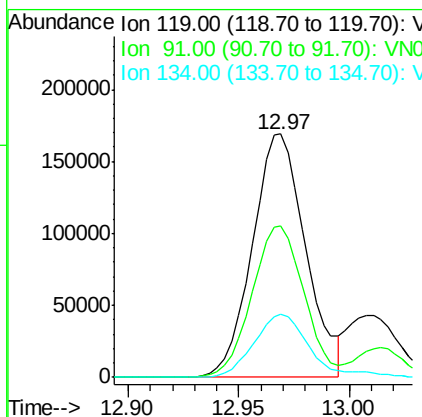
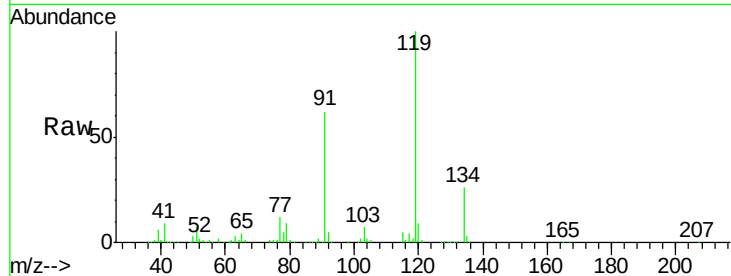
#79
tert-butylbenzene
Concen: 18.743 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Instrument :
MSVOA_N
ClientSampled :
ICVVN061020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	283976		
91	60.7		0.0	124.6
134	27.2		0.0	51.4

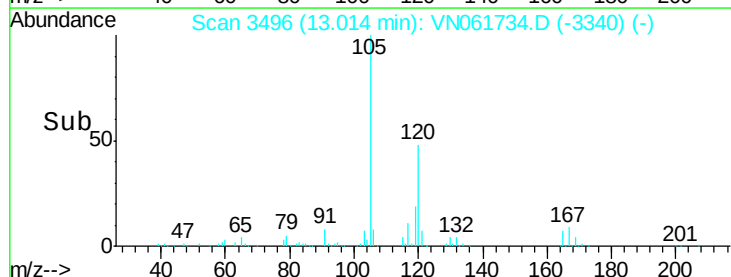
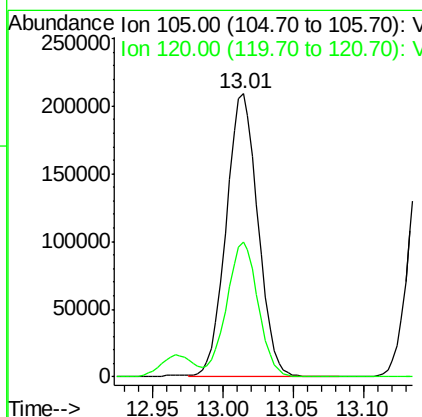
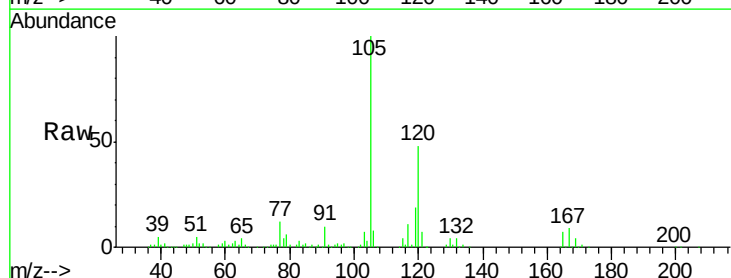
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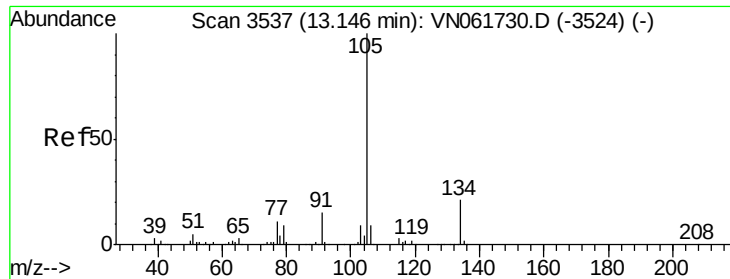
MMDadoda
6/11/2020 12:44:37 PM



#80
1,2,4-Trimethylbenzene
Concen: 18.665 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	328938		
120	47.6		0.0	95.4





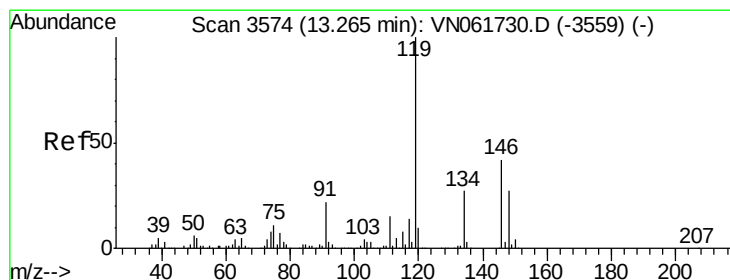
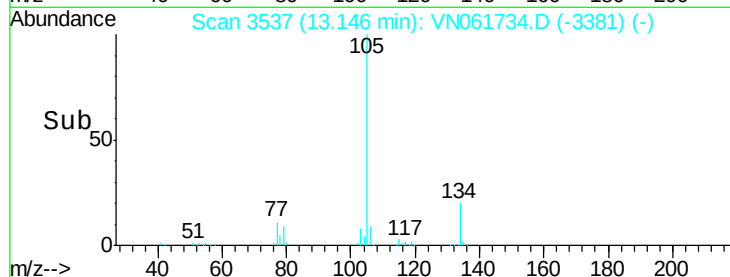
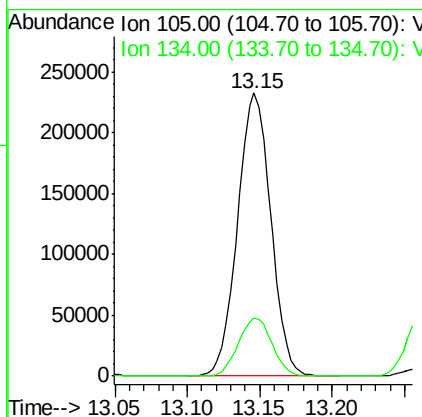
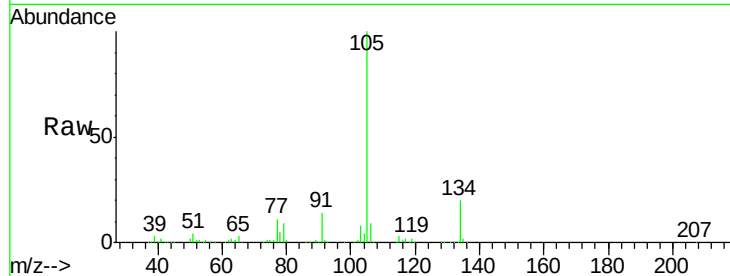
#81
 sec-Butylbenzene
 Concen: 18.899 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN061020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	370016		
134	20.8	0.0	41.8	

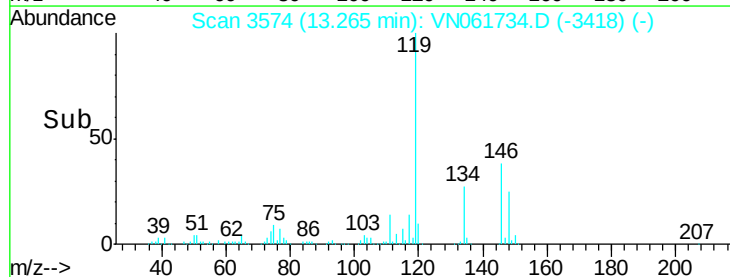
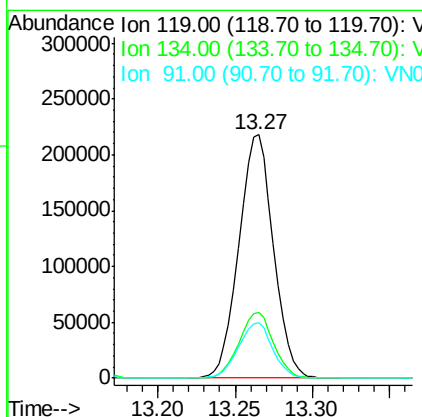
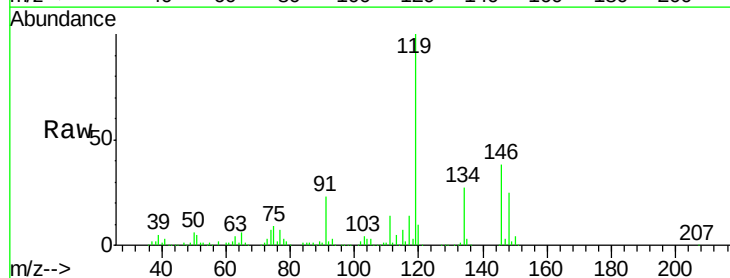
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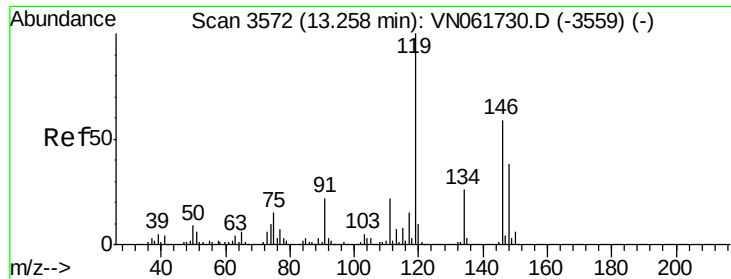
MMDadoda
 6/11/2020 12:44:37 PM



#82
 p-Isopropyltoluene
 Concen: 18.589 ug/l
 RT: 13.27 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	337868		
134	26.9	0.0	53.4	
91	22.7	0.0	45.2	





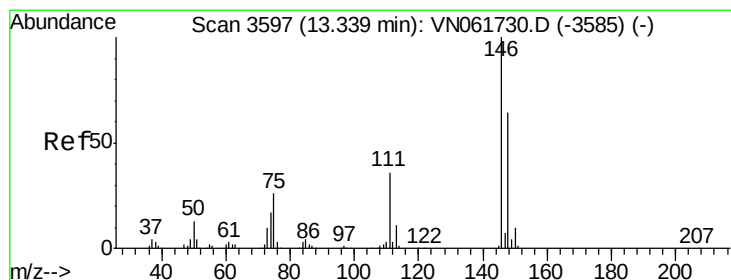
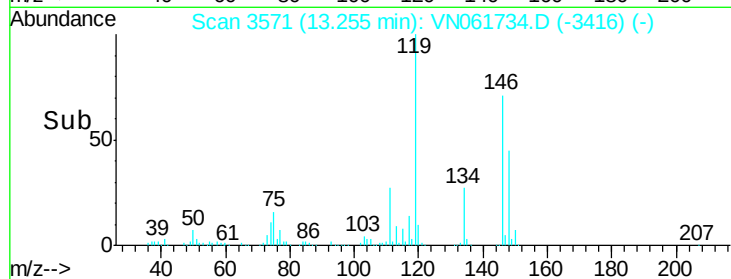
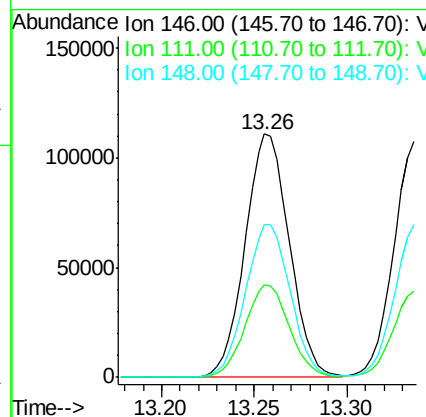
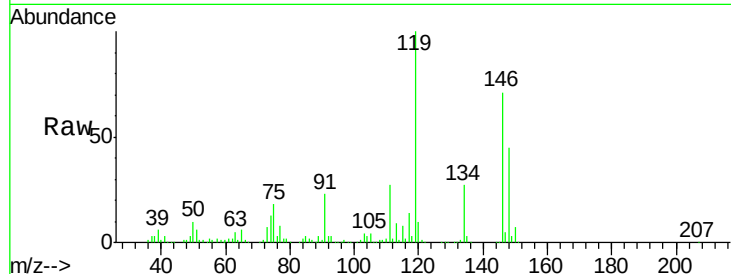
#83
 1,3-Dichlorobenzene
 Concen: 18.110 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN061020

Tot Ion	Ratio	Resp	Lower	Upper
146	100	183513		
111	38.1	18.7	56.1	
148	63.6	31.9	95.5	

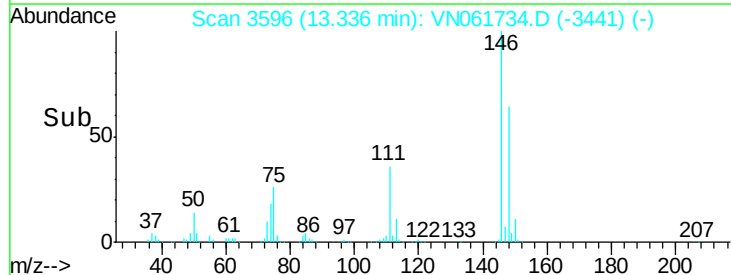
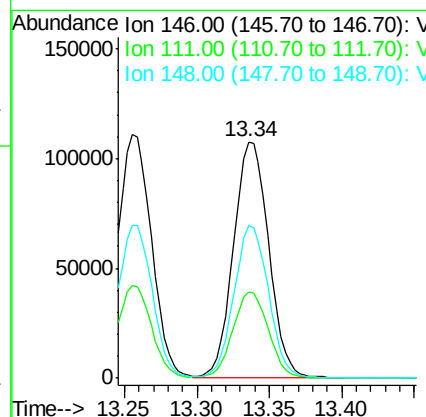
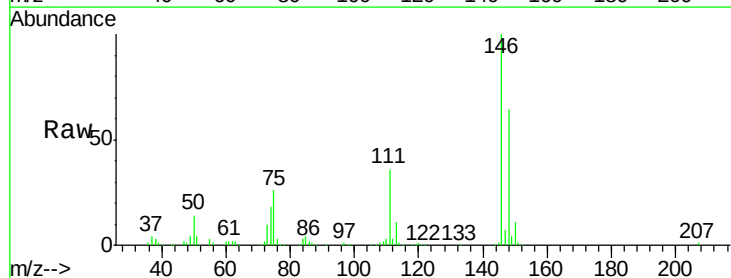
Manual Integrations
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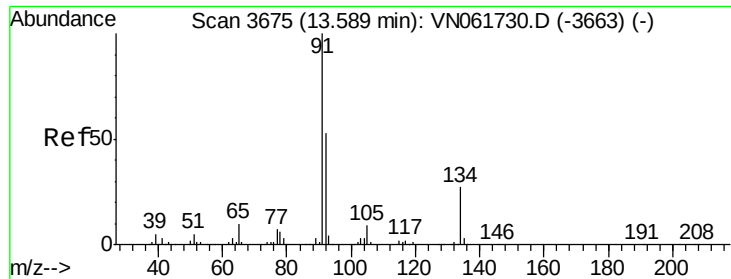
MMDadoda
 6/11/2020 12:44:37 PM



#84
 1,4-Dichlorobenzene
 Concen: 18.170 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	180903		
111	37.2	18.6	55.8	
148	63.9	32.2	96.6	





#85

n-Butylbenzene

Concen: 18.445 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

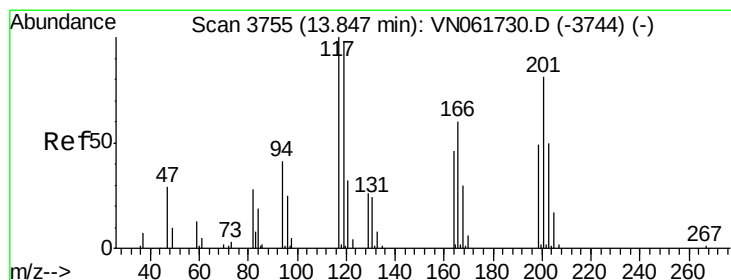
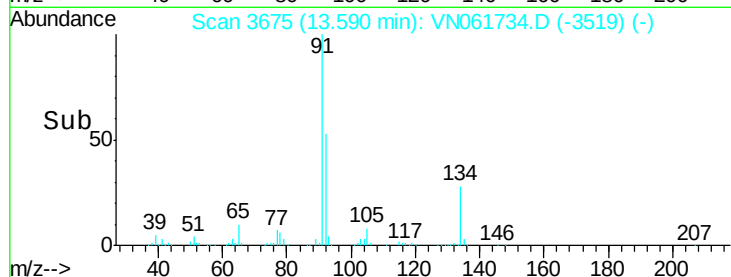
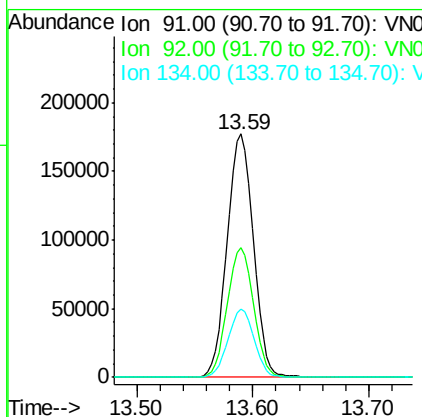
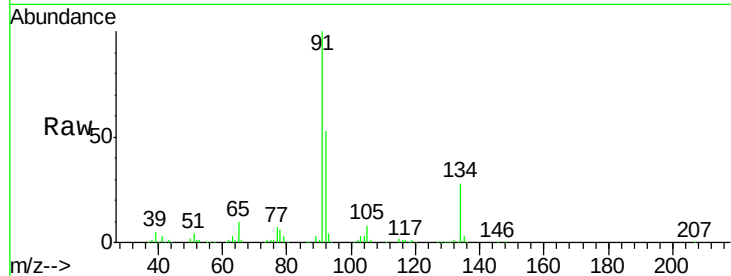
ClientSampleId :

ICVVN061020

Tot Ion:	91	Resp:	276907
Ion	Ratio	Lower	Upper
91	100		
92	53.2	0.0	107.2
134	27.7	0.0	55.8

Manual Integrations
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#86

Hexachloroethane

Concen: 18.950 ug/l

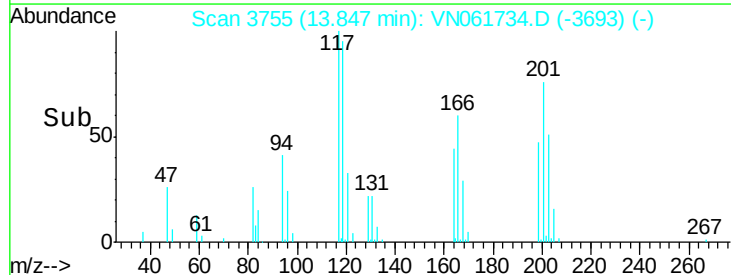
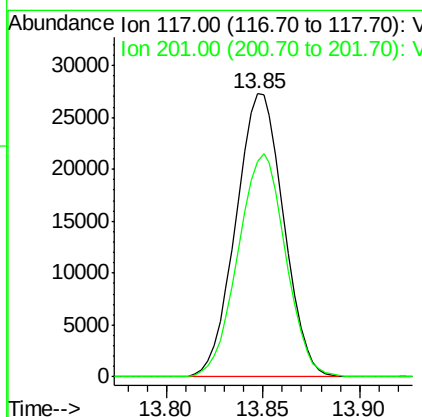
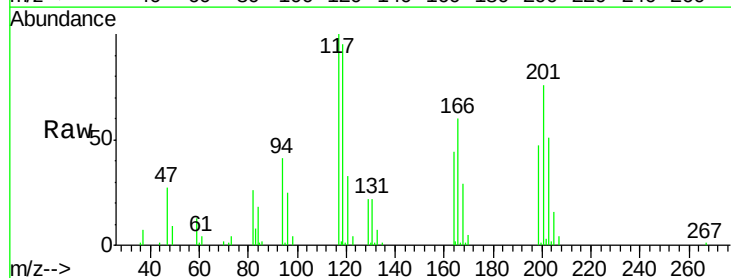
RT: 13.85 min Scan# 3755

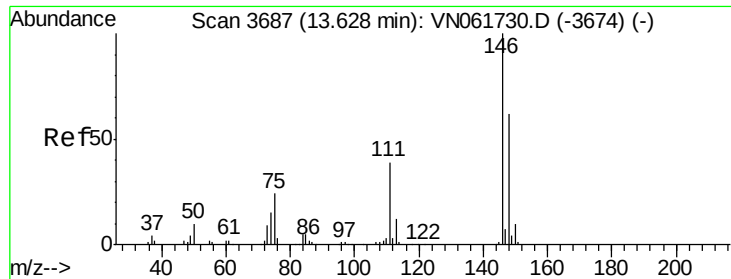
Delta R.T. 0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Tgt Ion:	117	Resp:	46894
Ion	Ratio	Lower	Upper
117	100		
201	78.3	39.1	117.5





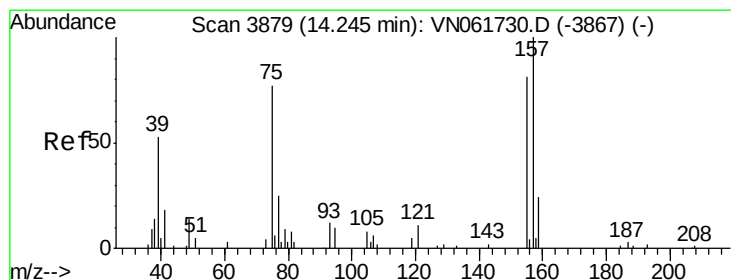
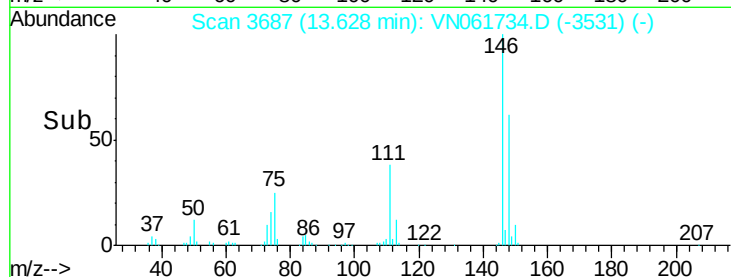
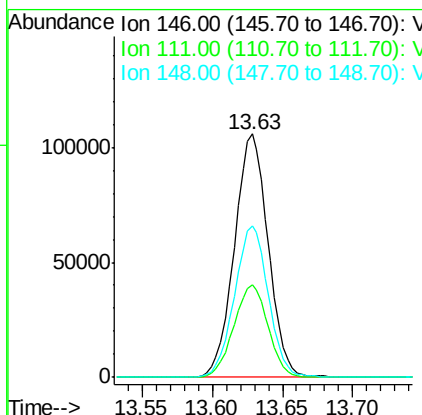
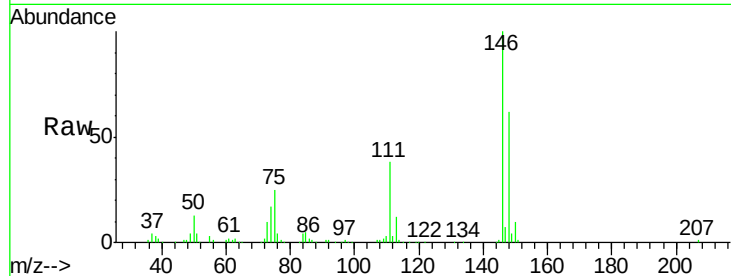
#87
 1,2-Dichlorobenzene
 Concen: 18.465 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN061020

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.9
148	62.5	31.4	94.0

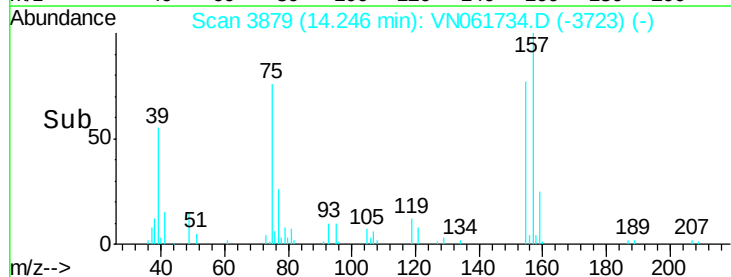
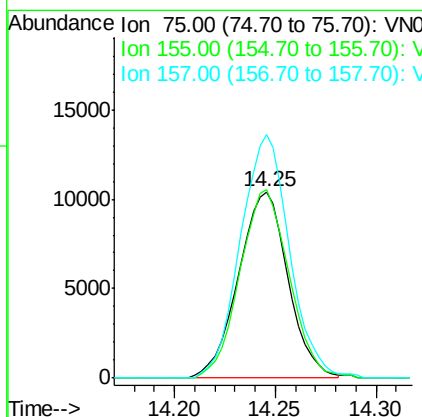
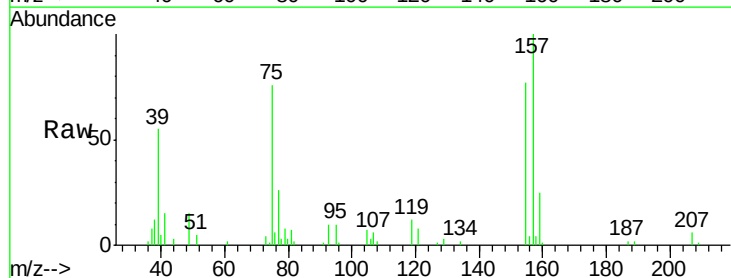
Manual Integrations
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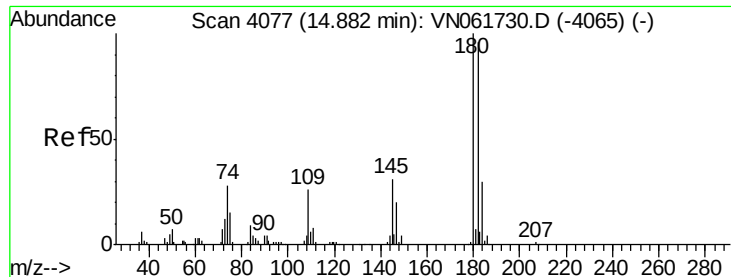
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.308 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.4	79.6	119.4
157	129.3	100.8	151.2





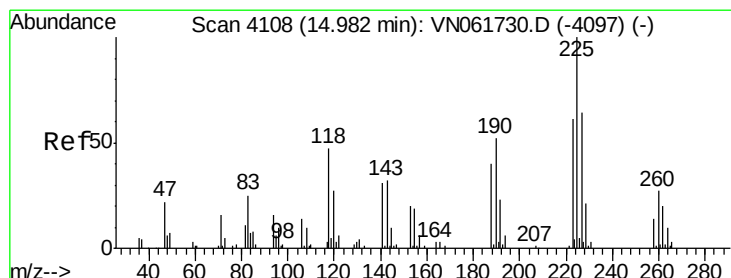
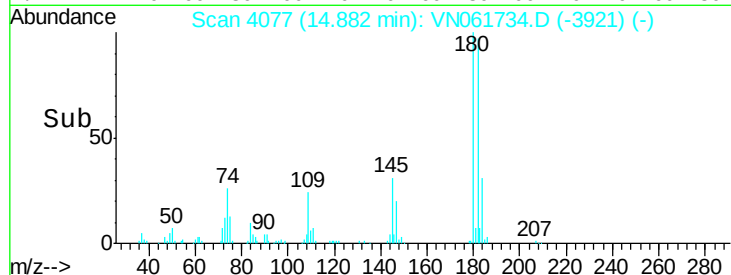
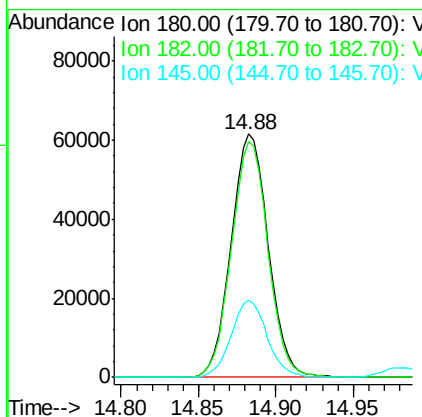
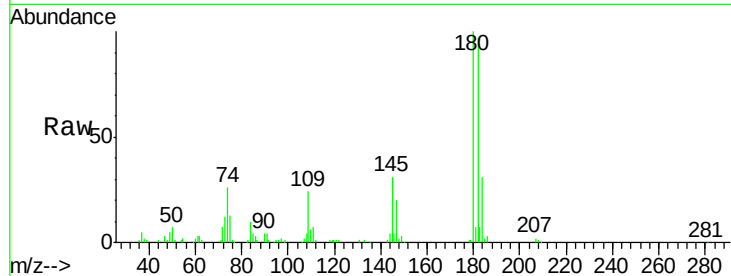
#89
 1,2,4-Trichlorobenzene
 Concen: 18.162 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	102519		
182	95.4	75.6	113.4	
145	30.5	24.5	36.7	

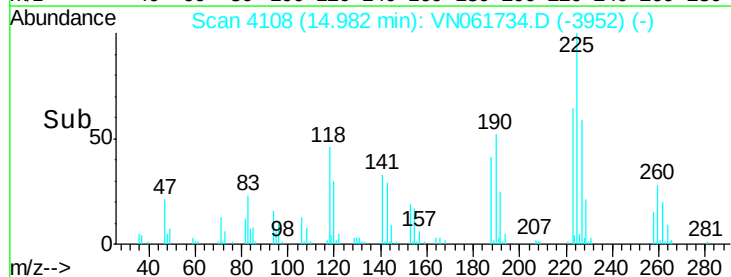
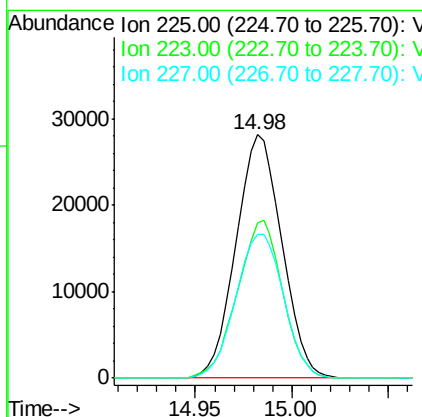
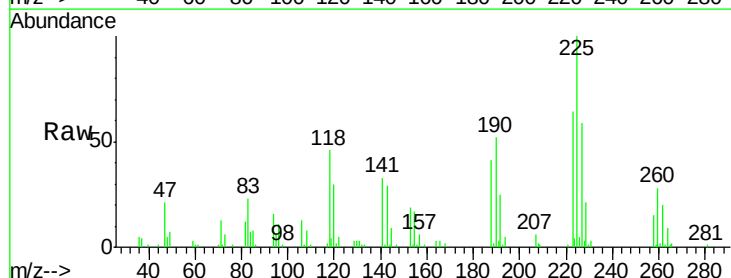
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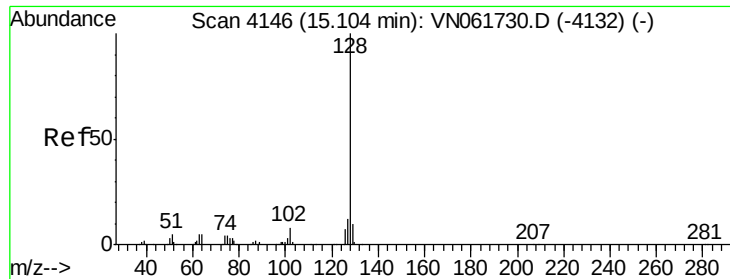
MMDadoda
 6/11/2020 12:44:37 PM



#90
 Hexachlorobutadiene
 Concen: 18.956 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	46392		
223	64.0	0.0	121.6	
227	61.7	0.0	126.8	





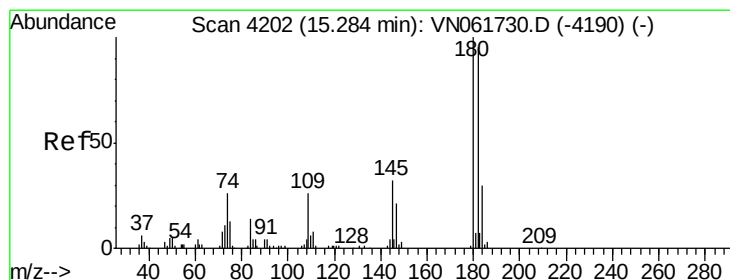
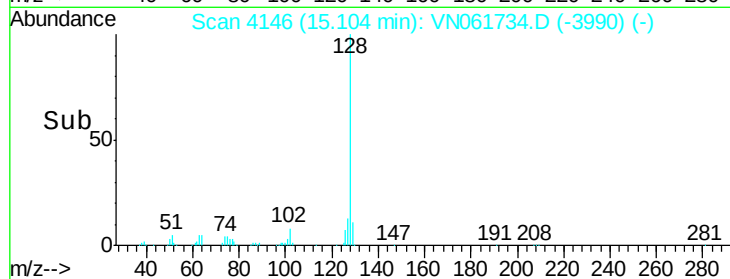
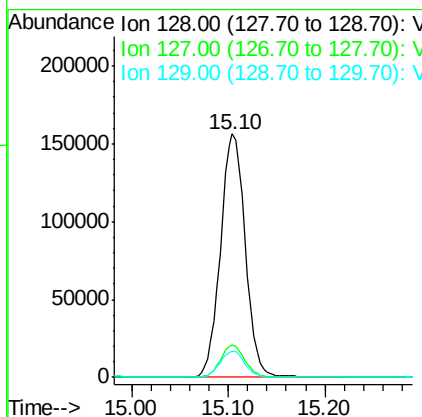
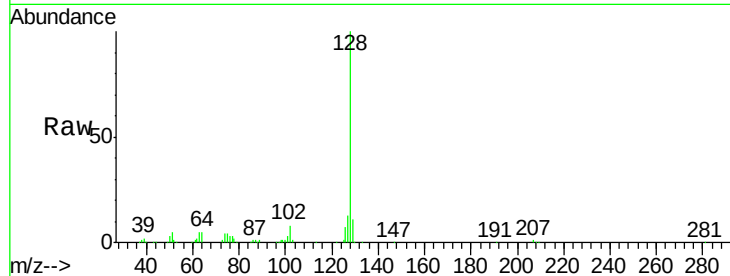
#91
Naphthalene
Concen: 17.764 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Instrument :
MSVOA_N
ClientSampleId :
ICVVN061020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.7	8.6	12.8

Manual Integrations
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6/11/2020 12:44:37 PM



#92
1,2,3-Trichlorobenzene
Concen: 18.054 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	0.0	191.0
145	32.9	0.0	64.6

