

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062373.D
 Acq On : 6 Jul 2020 19:31
 Operator : JC/MD
 Sample : VN0706WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/7/2020 10:08:03 AM

Quant Time: Jul 07 05:40:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 07 05:08:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	1134187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1894613	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1755552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	791674	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	1029316	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
35) Dibromofluoromethane	7.55	113	678093	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
50) Toluene-d8	10.06	98	2515983	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
62) 4-Bromofluorobenzene	12.38	95	914631	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	245289	19.111	ug/l	97
3) Chloromethane	2.04	50	358513	18.802	ug/l	98
4) Vinyl Chloride	2.16	62	302764	18.595	ug/l	100
5) Bromomethane	2.53	94	178497	21.140	ug/l	94
6) Chloroethane	2.67	64	182454	19.275	ug/l	97
7) Trichlorofluoromethane	2.98	101	429148	19.096	ug/l	96
8) Diethyl Ether	3.38	74	170595	19.648	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	232092	18.483	ug/l	98
10) Methyl Iodide	3.91	142	284428	18.865	ug/l	96
11) Tert butyl alcohol	4.73	59	296308	104.322	ug/l	97
12) 1,1-Dichloroethene	3.70	96	231780	19.884	ug/l	98
13) Acrolein	3.57	56	102794	85.471	ug/l	98
14) Allyl chloride	4.27	41	567380	19.973	ug/l	96
15) Acrylonitrile	4.93	53	748373	100.320	ug/l	100
16) Acetone	3.78	43	750533	79.350	ug/l	99
17) Carbon Disulfide	4.01	76	685031	18.560	ug/l	98
18) Methyl Acetate	4.28	43	376196	19.625	ug/l	95
19) Methyl tert-butyl Ether	4.99	73	875671	19.629	ug/l	97
20) Methylene Chloride	4.50	84	281547	19.439	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	240117	18.652	ug/l	98
22) Diisopropyl ether	5.91	45	1128814	19.867	ug/l	98
23) Vinyl Acetate	5.84	43	4883955	96.932	ug/l	98
24) 1,1-Dichloroethane	5.80	63	557090	19.785	ug/l	98
25) 2-Butanone	6.79	43	1135485	95.328	ug/l	99
26) 2,2-Dichloropropane	6.78	77	435123	18.761	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	288025	19.532	ug/l	99
28) Bromochloromethane	7.15	49	329070	20.914	ug/l	99
29) Tetrahydrofuran	7.17	42	764529	100.985	ug/l	100
30) Chloroform	7.33	83	524104	19.127	ug/l	98
31) Cyclohexane	7.62	56	499846	19.213	ug/l #	92
32) 1,1,1-Trichloroethane	7.53	97	448873	19.495	ug/l	99
36) 1,1-Dichloropropene	7.75	75	379728	19.074	ug/l	99
37) Ethyl Acetate	6.88	43	482118	20.413	ug/l	98
38) Carbon Tetrachloride	7.73	117	394791	19.720	ug/l	99

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Manual Integrations
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	400493	18.707	ug/l	95
40) Benzene	8.00	78	1145414	20.253	ug/l	99
41) Methacrylonitrile	7.13	41	227683	19.098	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	492832	19.778	ug/l	99
43) Isopropyl Acetate	8.13	43	792524	20.077	ug/l	98
44) Trichloroethene	8.80	130	261478	19.339	ug/l	99
45) 1,2-Dichloropropane	9.09	63	328623	19.823	ug/l	100
46) Dibromomethane	9.18	93	201197	19.609	ug/l	98
47) Bromodichloromethane	9.37	83	424006	19.388	ug/l	99
48) Methyl methacrylate	9.17	41	396817	19.695	ug/l	98
49) 1,4-Dioxane	9.17	88	107673	393.510	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	2429849	97.661	ug/l	96
52) Toluene	10.13	92	674255	19.937	ug/l	97
53) t-1,3-Dichloropropene	10.36	75	453131	19.256	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	494177	19.681	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	261798	19.318	ug/l	97
56) Ethyl methacrylate	10.40	69	428589	19.635	ug/l	98
57) 1,3-Dichloropropane	10.68	76	501521	19.927	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	767060	97.703	ug/l	99
59) 2-Hexanone	10.72	43	1755547	109.727	ug/l	96
60) Dibromochloromethane	10.87	129	303006	19.633	ug/l	99
61) 1,2-Dibromoethane	10.98	107	274199	19.708	ug/l	98
64) Tetrachloroethene	10.60	164	215373	19.067	ug/l	99
65) Chlorobenzene	11.41	112	708217	19.670	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	274454	20.272	ug/l	98
67) Ethyl Benzene	11.48	91	1320280	20.766	ug/l	99
68) m/p-Xylenes	11.60	106	936187	40.061	ug/l	94
69) o-Xylene	11.92	106	455784	19.829	ug/l	100
70) Styrene	11.94	104	761133	20.039	ug/l	99
71) Bromoform	12.10	173	198830	18.704	ug/l	99
73) Isopropylbenzene	12.22	105	1255558	19.844	ug/l	100
74) N-amyl acetate	12.05	43	653432	20.764	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	406777	19.860	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	374860m	19.604	ug/l	
77) Bromobenzene	12.50	156	286057	20.668	ug/l	97
78) n-propylbenzene	12.57	91	1455772	19.503	ug/l	100
79) 2-Chlorotoluene	12.65	91	879747	20.691	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1035872	21.032	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	129498	19.366	ug/l	99
82) 4-Chlorotoluene	12.75	91	893946	20.556	ug/l	100
83) tert-Butylbenzene	12.97	119	872046	20.893	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	1018572	20.921	ug/l	99
85) sec-Butylbenzene	13.15	105	1160927	21.714	ug/l	99
86) p-Isopropyltoluene	13.26	119	1021645	21.202	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	500583	20.095	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	500703	19.450	ug/l	98
89) n-Butylbenzene	13.59	91	835264	20.074	ug/l	100
90) Hexachloroethane	13.85	117	200459	19.455	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	491204	20.590	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	78861	19.646	ug/l	98

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VN0706WBSD01

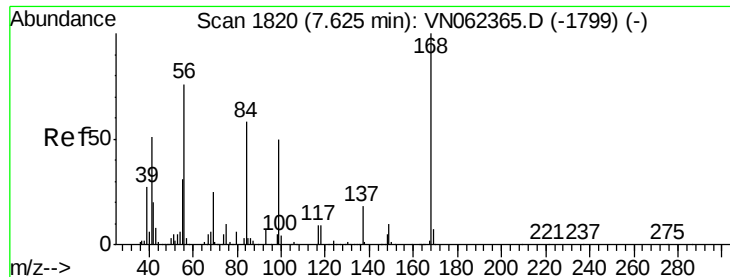
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	222828	19.341	ug/l	99
94) Hexachlorobutadiene	14.99	225	135528	20.792	ug/l	100
95) Naphthalene	15.10	128	618176	19.635	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	227955	19.853	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

VN0706WBSD01

Tot Ion:168 Resp: 1134187

Ion Ratio Lower Upper

168 100

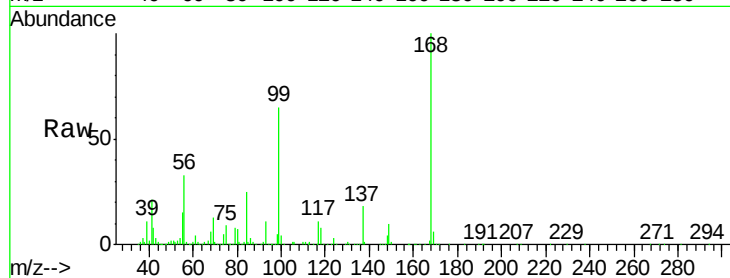
99 65.0 52.9 79.3

Manual Integrations

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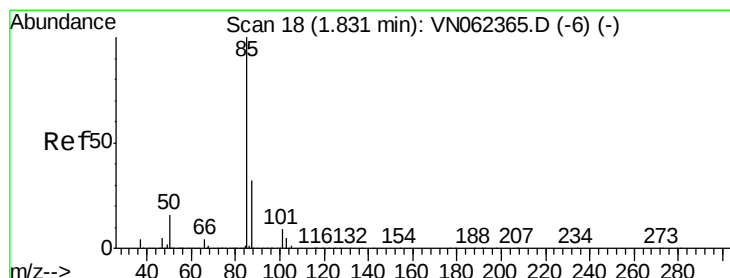
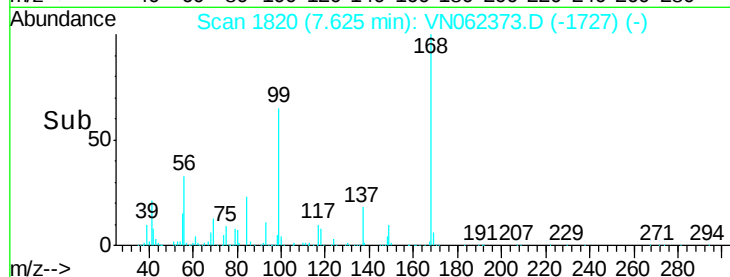
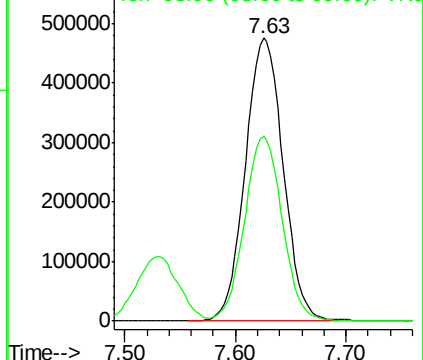
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 19.111 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062373.D

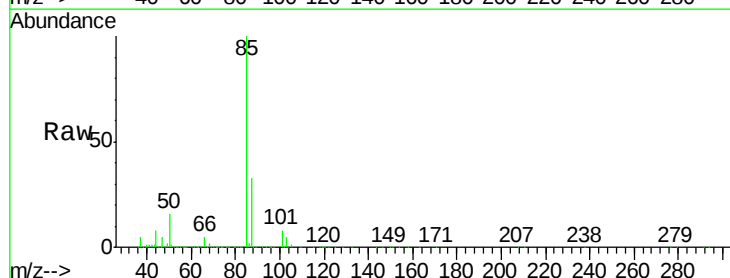
Acq: 6 Jul 2020 19:31

Tgt Ion: 85 Resp: 245289

Ion Ratio Lower Upper

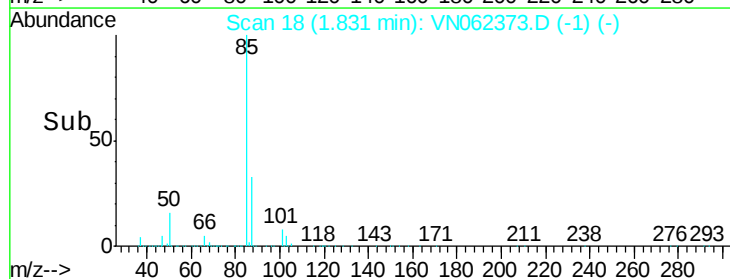
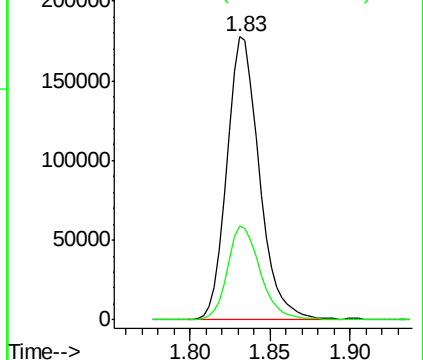
85 100

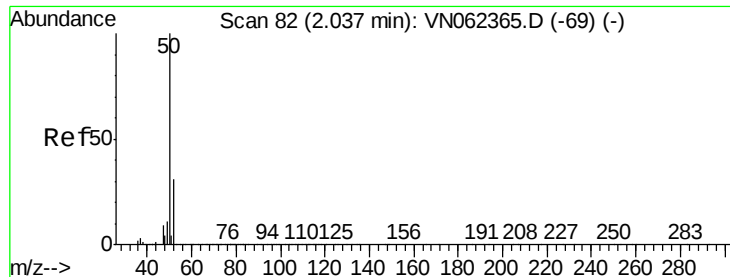
87 33.3 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 18.802 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

VN0706WBSD01

Tot Ion: 50 Resp: 358513

Ion Ratio Lower Upper

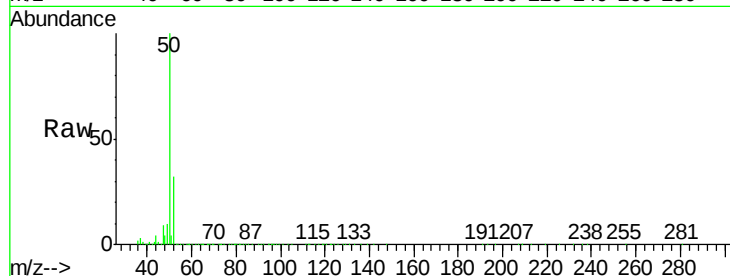
50 100

52 32.1 25.0 37.6

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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

250000

200000

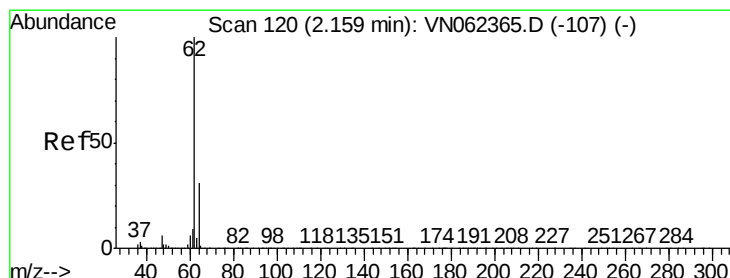
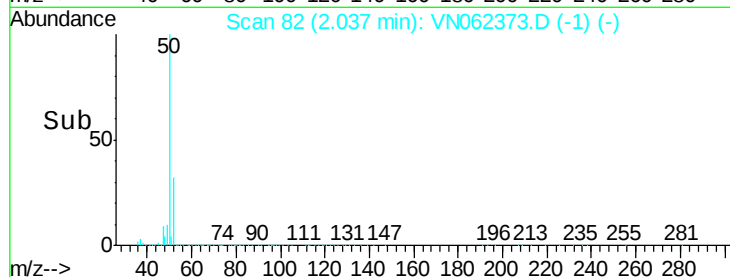
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 18.595 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062373.D

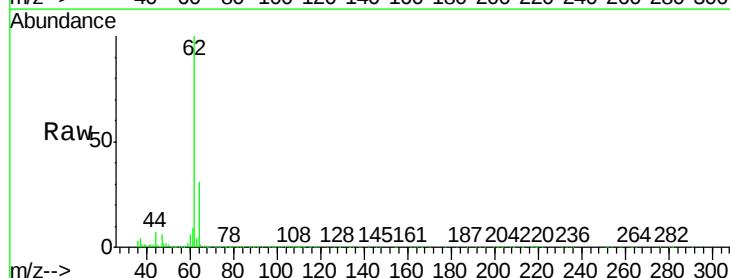
Acq: 6 Jul 2020 19:31

Tgt Ion: 62 Resp: 302764

Ion Ratio Lower Upper

62 100

64 31.0 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.16

200000

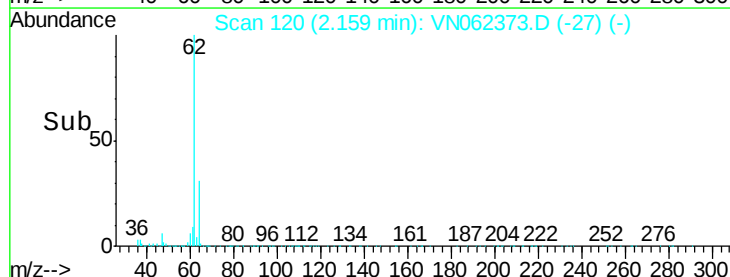
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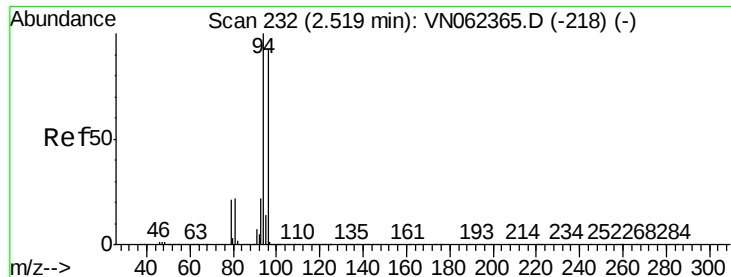
100000

50000

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Time-->





#5

Bromomethane

Concen: 21.140 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

VN0706WBSD01

Tot Ion: 94 Resp: 178497

Ion Ratio Lower Upper

94 100

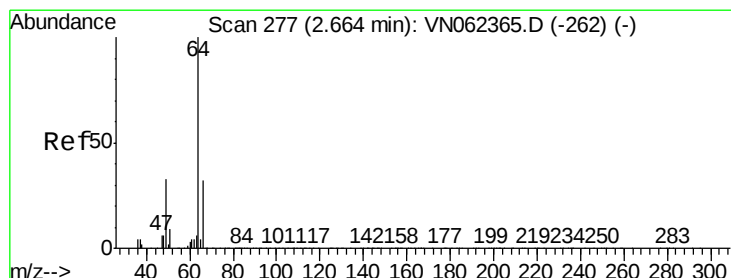
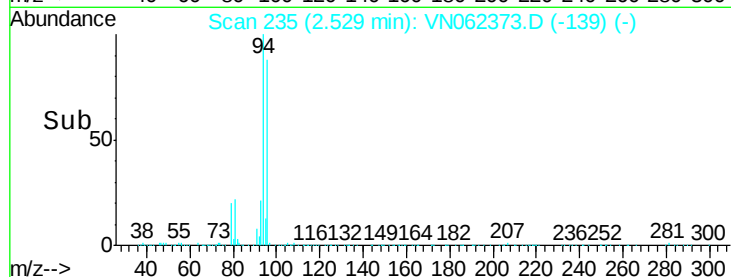
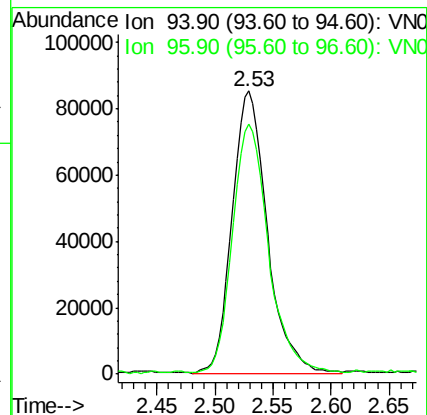
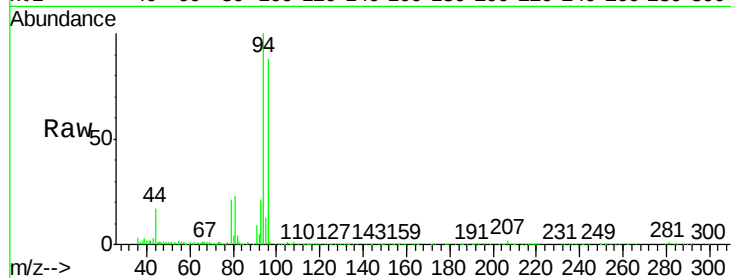
96 87.8 74.7 112.1

Manual Integrations

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7/7/2020 10:08:03 AM



#6

Chloroethane

Concen: 19.275 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062373.D

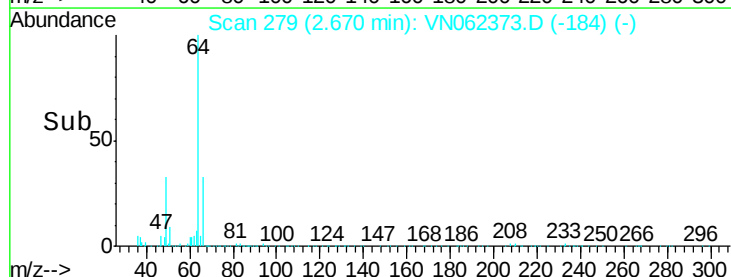
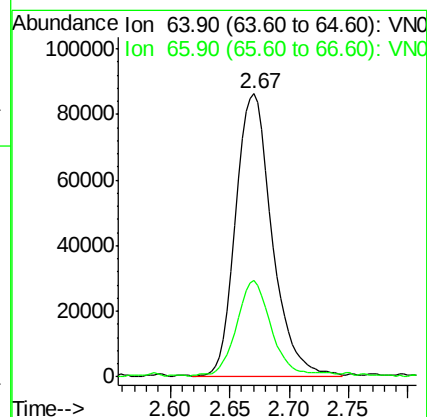
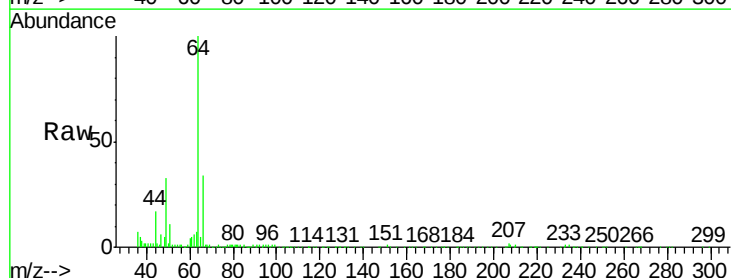
Acq: 6 Jul 2020 19:31

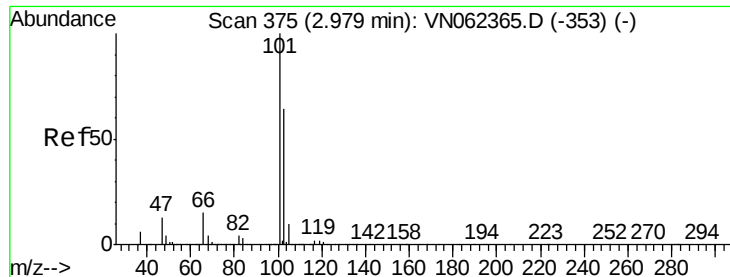
Tgt Ion: 64 Resp: 182454

Ion Ratio Lower Upper

64 100

66 33.5 25.7 38.5





#7

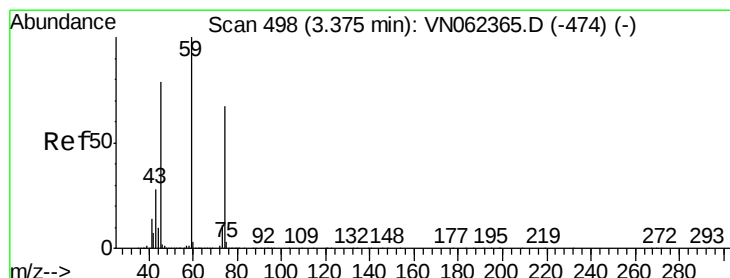
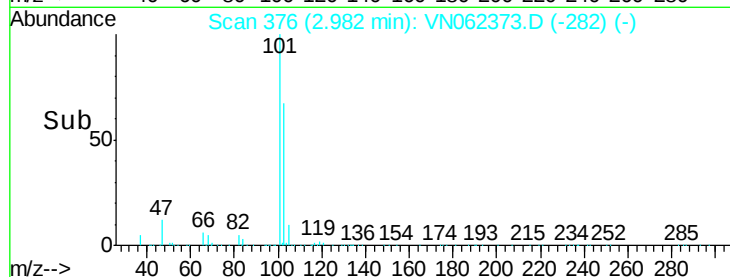
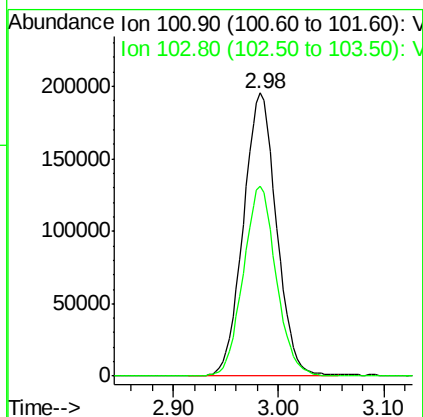
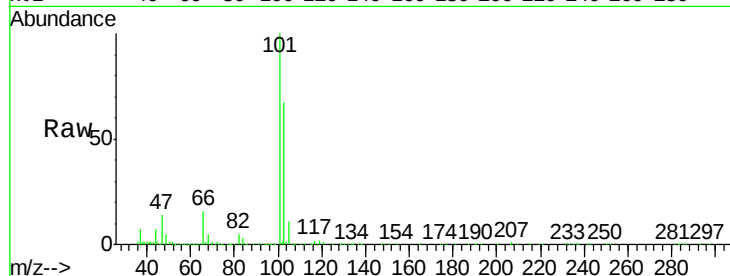
Trichlorofluoromethane
Concen: 19.096 ug/l
RT: 2.98 min Scan# 376
Delta R.T. 0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

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VN0706WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.1	51.0	76.6

Manual Integrations
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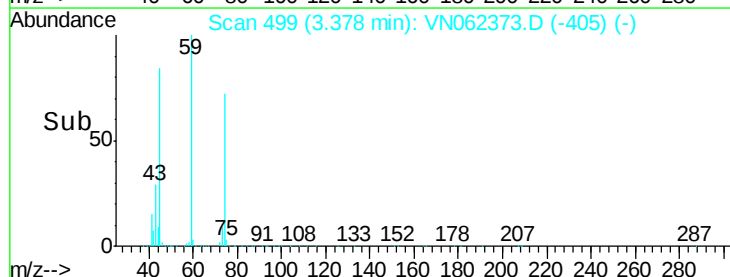
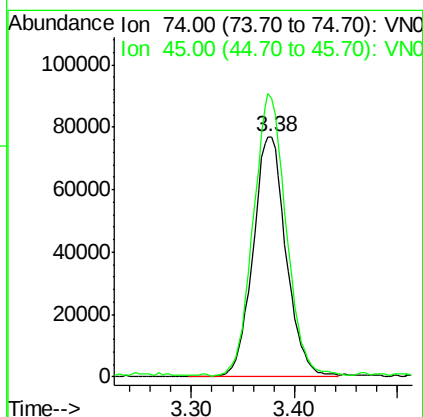
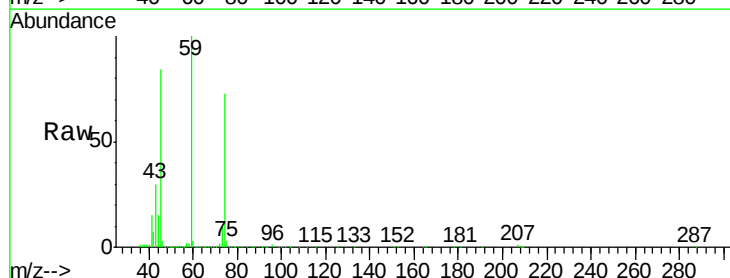
MMDadoda
7/7/2020 10:08:03 AM

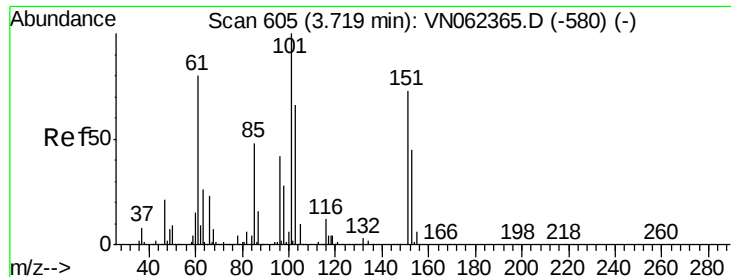


#8

Diethyl Ether
Concen: 19.648 ug/l
RT: 3.38 min Scan# 499
Delta R.T. 0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	116.9	59.9	179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.483 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

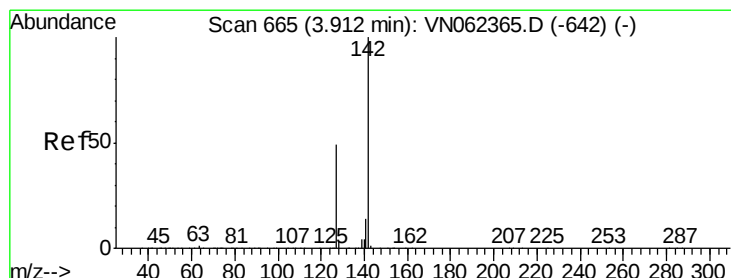
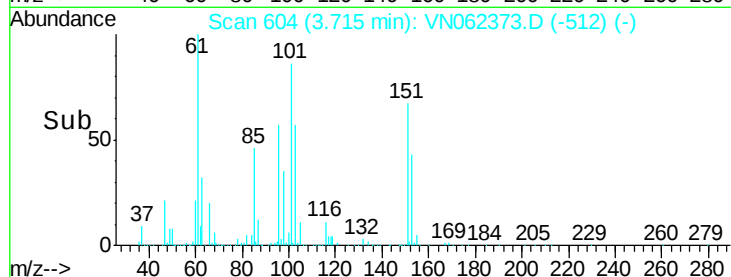
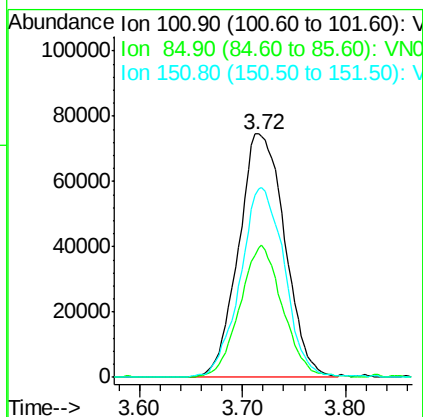
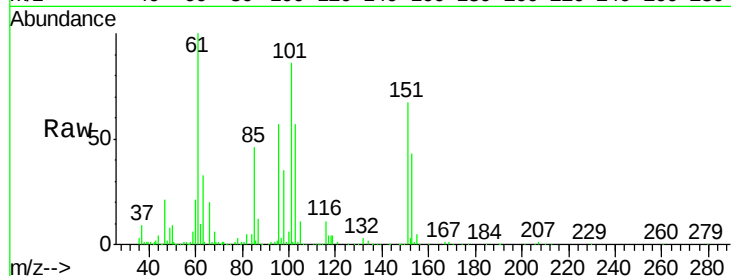
ClientSampleId :

VN0706WBSD01

Tot Ion:	101	Resp:	232092
Ion Ratio	Lower	Upper	
101	100		
85	50.4	38.6	57.8
151	74.5	58.3	87.5

Manual Integrations
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#10

Methyl Iodide

Concen: 18.865 ug/l

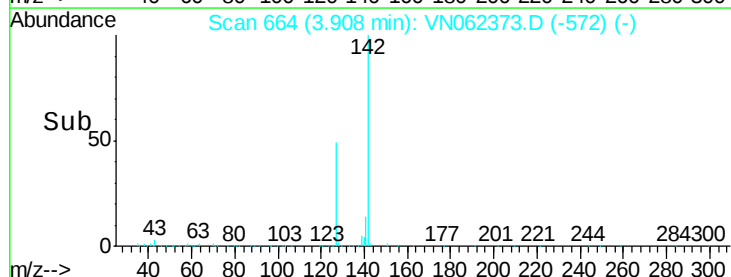
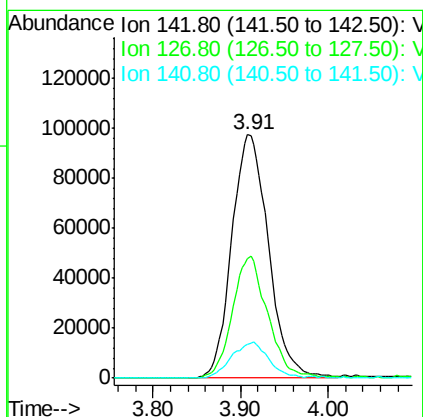
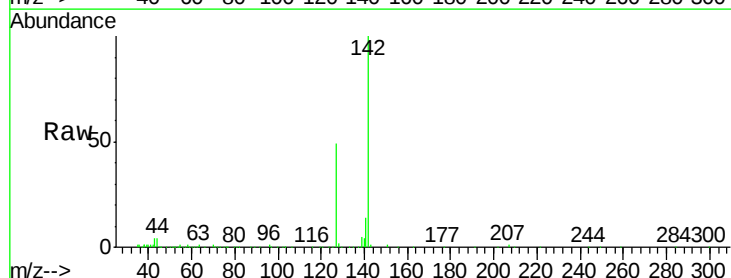
RT: 3.91 min Scan# 664

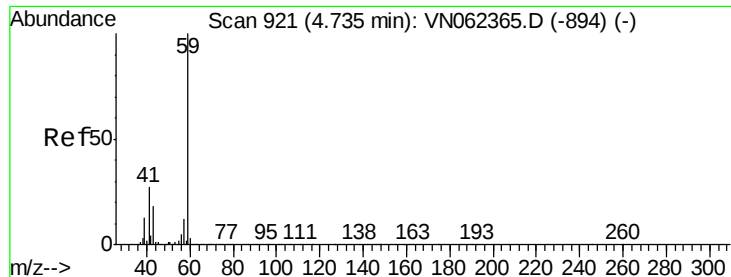
Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Tgt Ion:	142	Resp:	284428
Ion Ratio	Lower	Upper	
142	100		
127	48.1	41.0	61.6
141	15.0	11.8	17.8





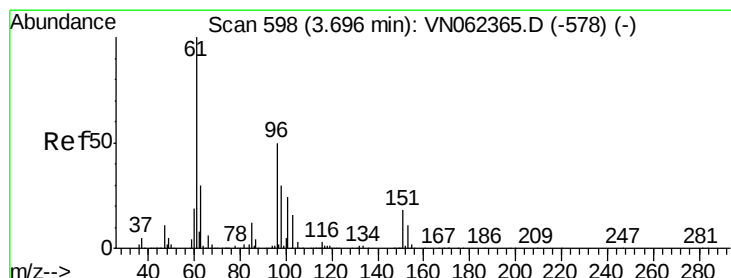
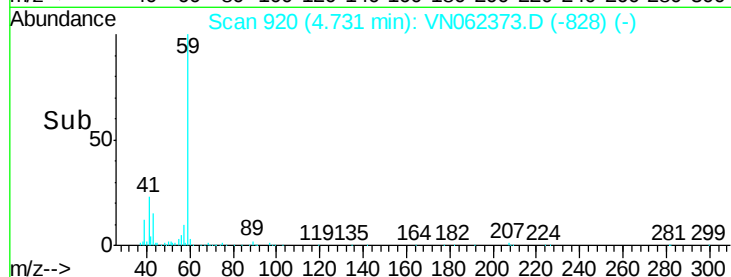
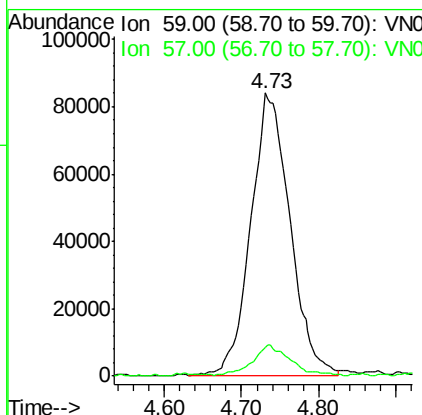
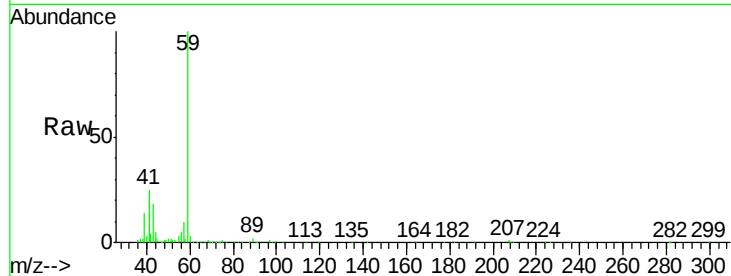
#11
Tert butyl alcohol
Concen: 104.322 ug/l
RT: 4.73 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Instrument :
MSVOA_N
ClientSampleId :
VN0706WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	296308		
57	57	9.3		8.5	12.7

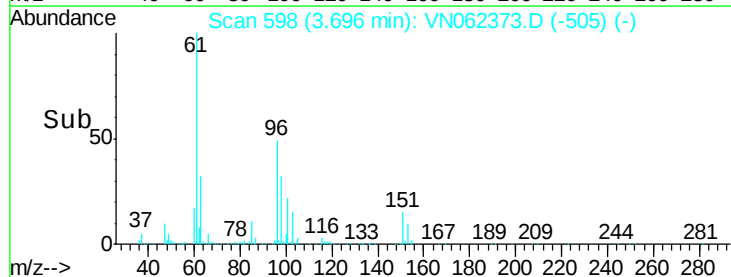
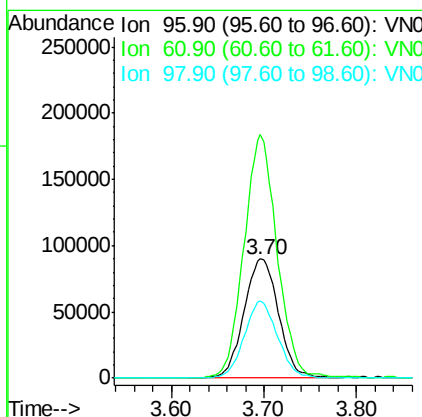
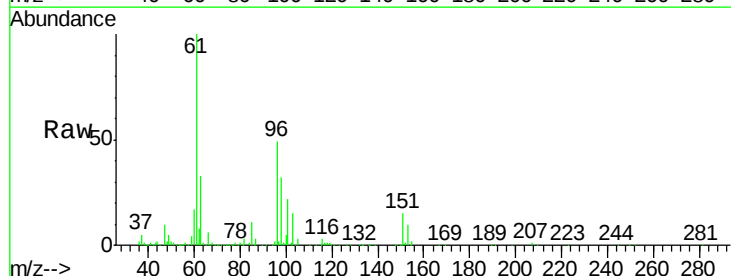
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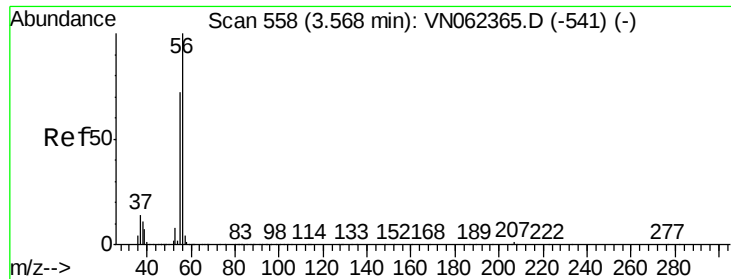
MMDadoda
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#12
1,1-Dichloroethene
Concen: 19.884 ug/l
RT: 3.70 min Scan# 598
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	231780		
61	61	204.3		161.4	242.0
98	98	64.8		48.8	73.2





#13

Acrolein

Concen: 85.471 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleID :

VN0706WBSD01

Tot Ion: 56 Resp: 102794

Ion Ratio Lower Upper

56 100

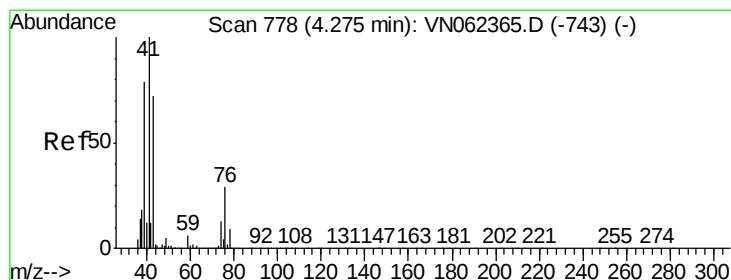
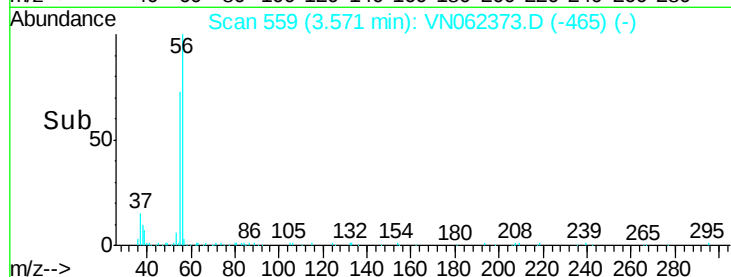
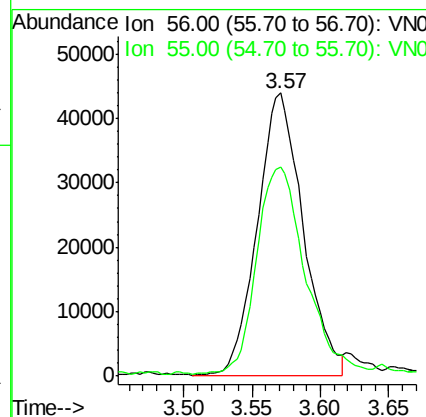
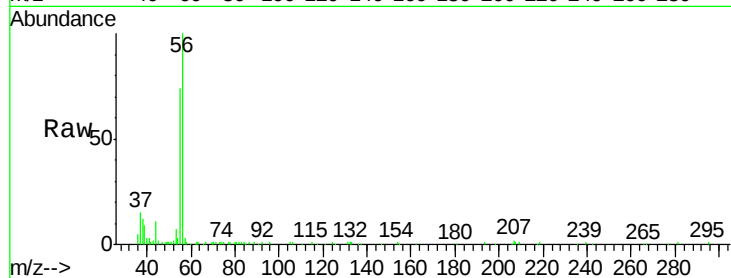
55 76.6 59.6 89.4

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#14

Allyl chloride

Concen: 19.973 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

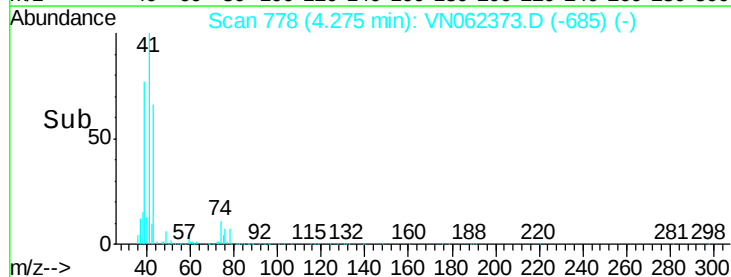
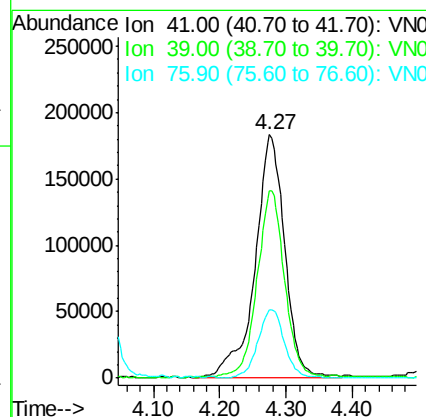
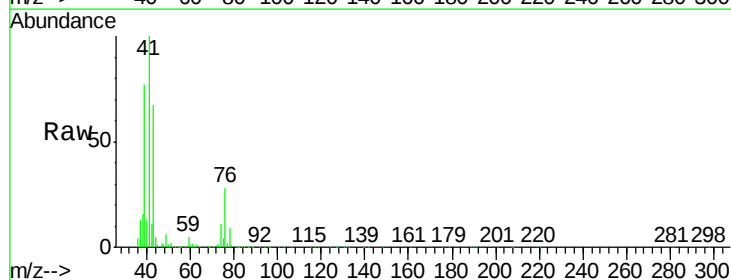
Tgt Ion: 41 Resp: 567380

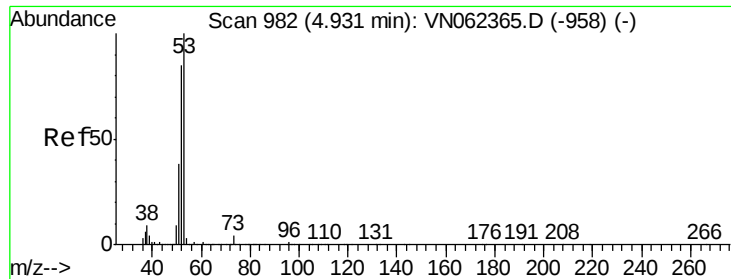
Ion Ratio Lower Upper

41 100

39 70.6 59.8 89.6

76 24.5 20.7 31.1





#15

Acrylonitrile

Concen: 100.320 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

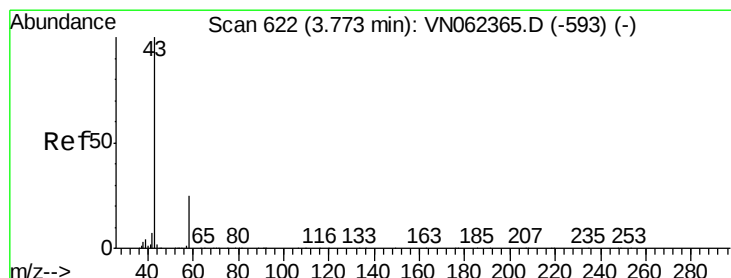
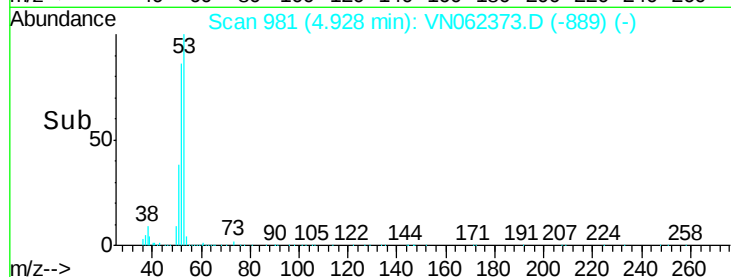
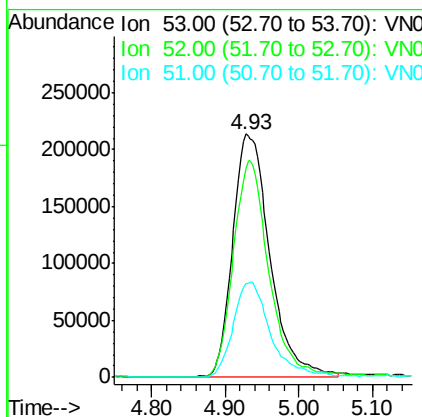
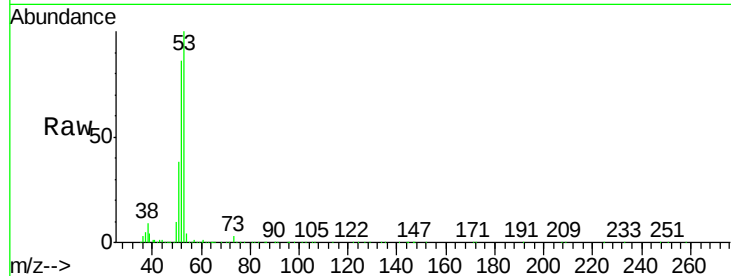
ClientSampleId :

VN0706WBSD01

Tot Ion:	53	Resp:	748373
Ion Ratio	Lower	Upper	
53	100		
52	84.4	67.6	101.4
51	38.5	30.6	45.8

Manual Integrations
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#16

Acetone

Concen: 79.350 ug/l

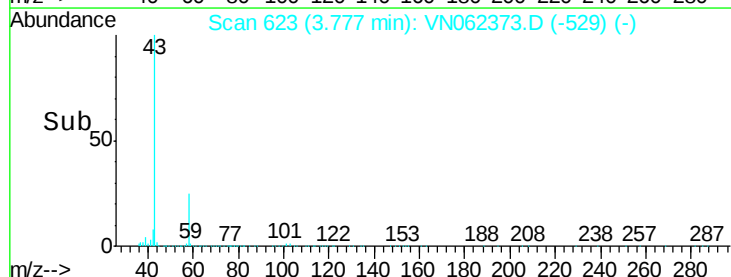
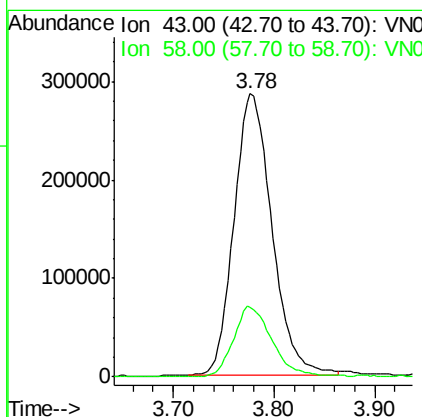
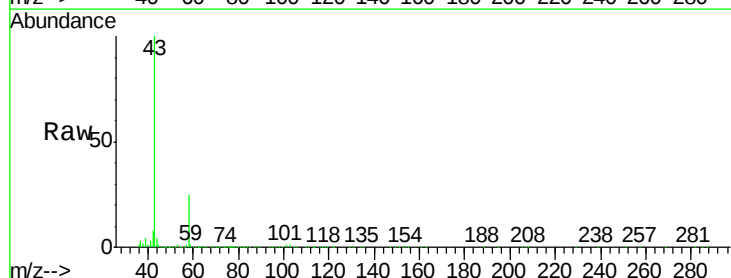
RT: 3.78 min Scan# 623

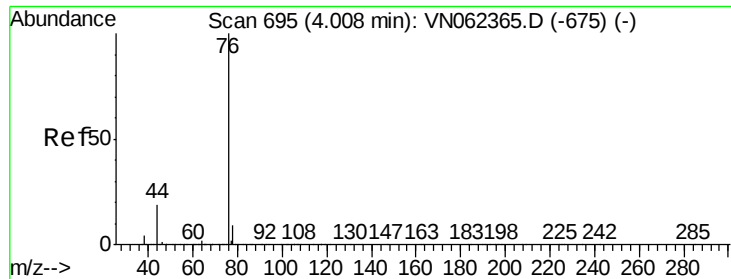
Delta R.T. 0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Tgt Ion:	43	Resp:	750533
Ion Ratio	Lower	Upper	
43	100		
58	24.5	19.8	29.8





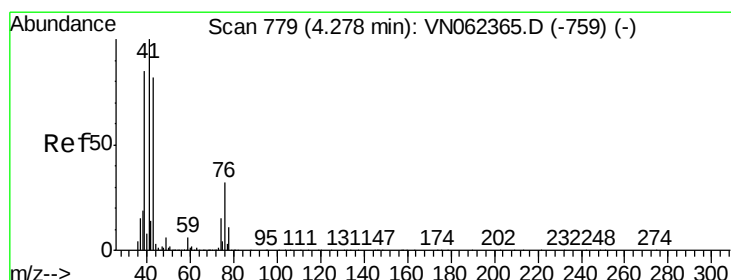
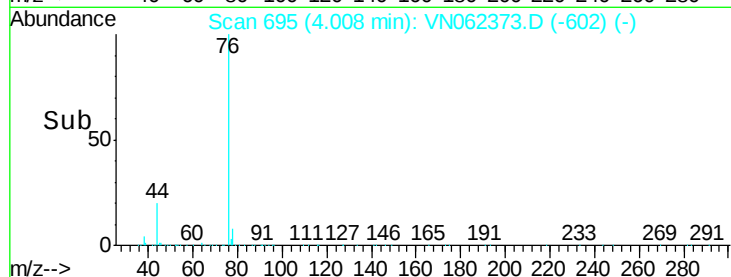
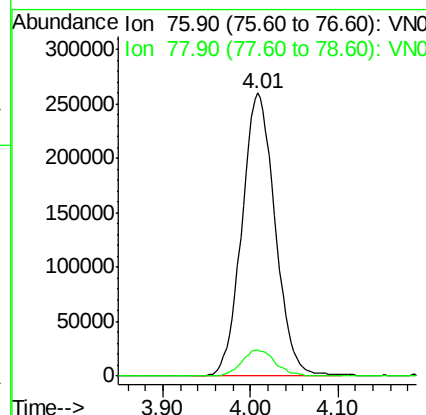
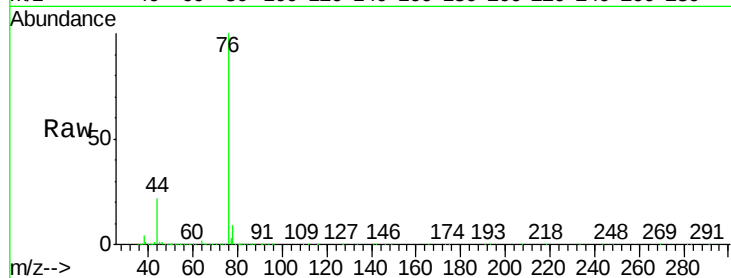
#17
Carbon Disulfide
Concen: 18.560 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Instrument :
MSVOA_N
ClientSampleId :
VN0706WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	6.9	10.3

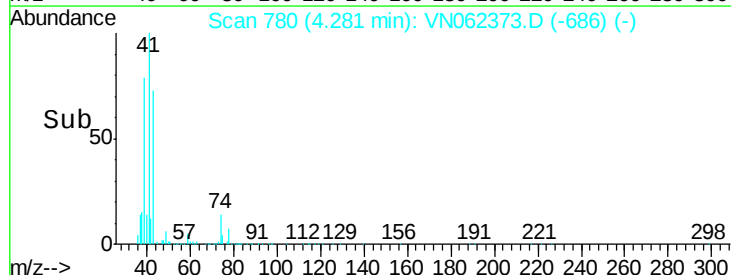
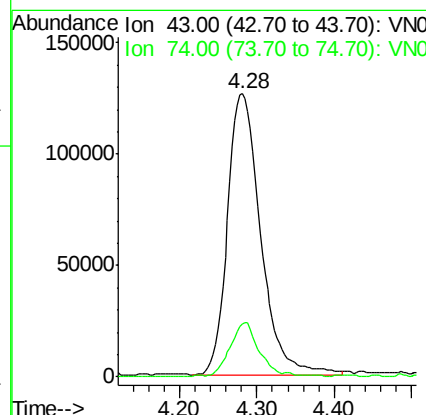
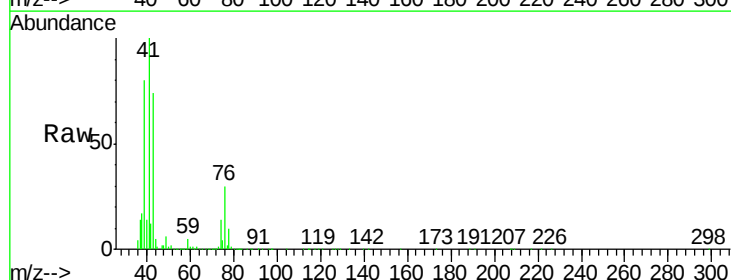
Manual Integrations
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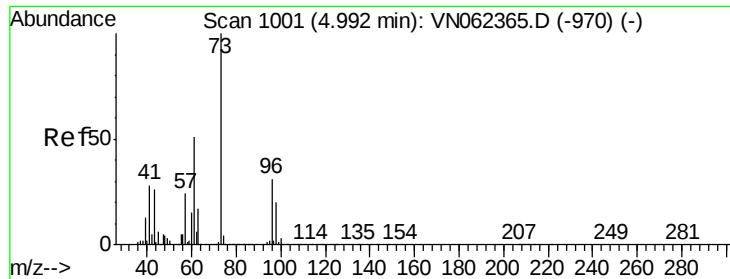
MMDadoda
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#18
Methyl Acetate
Concen: 19.625 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	15.8	14.2	21.4





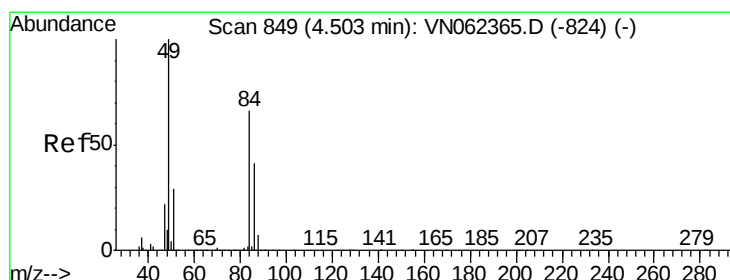
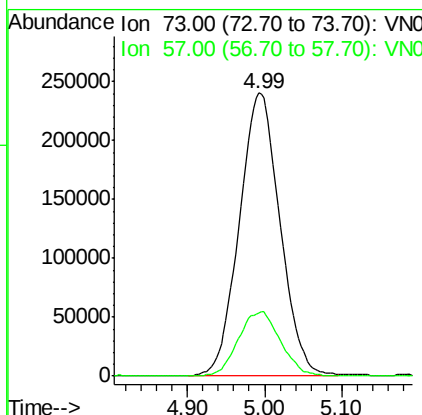
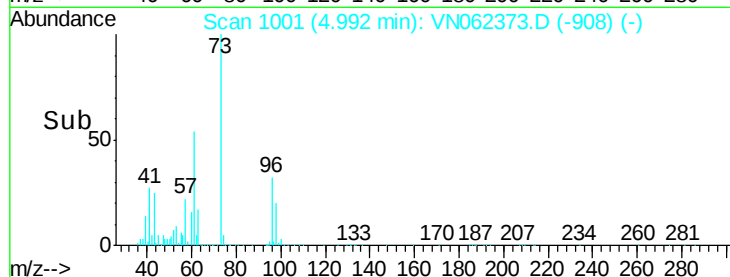
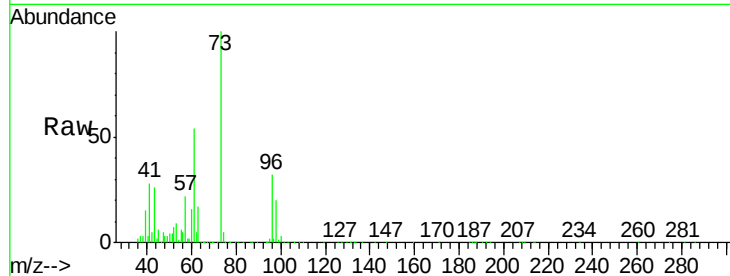
#19
Methvl tert-butvl Ether
Concen: 19.629 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Instrument :
MSVOA_N
ClientSampled :
VN0706WBSD01

Tot Ion: 73 Resp: 875671
Ion Ratio Lower Upper
73 100
57 22.3 18.9 28.3

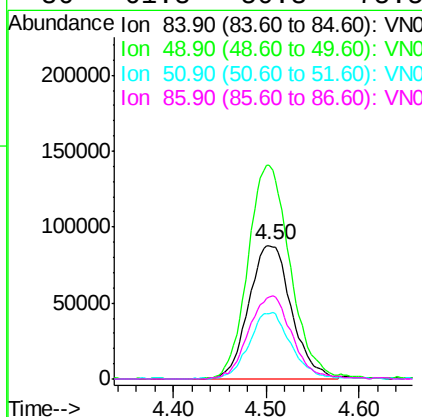
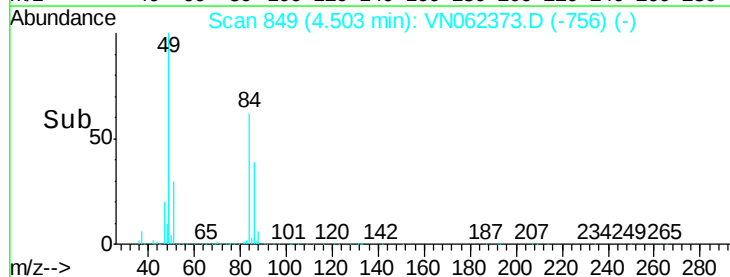
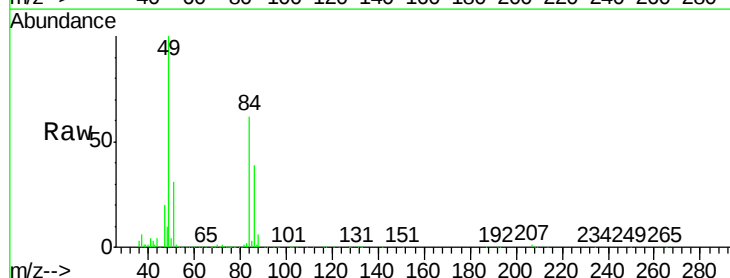
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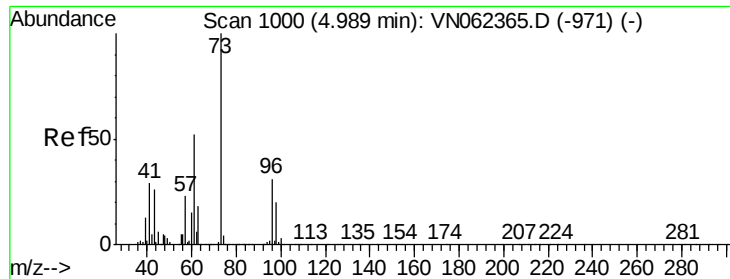
MMDadoda
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#20
Methylene Chloride
Concen: 19.439 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion: 84 Resp: 281547
Ion Ratio Lower Upper
84 100
49 160.0 121.8 182.6
51 48.8 35.0 52.4
86 61.8 50.3 75.5





#21

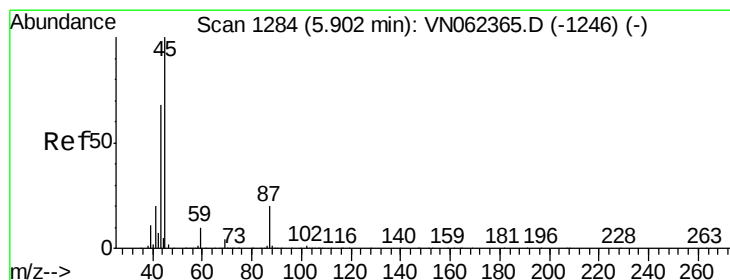
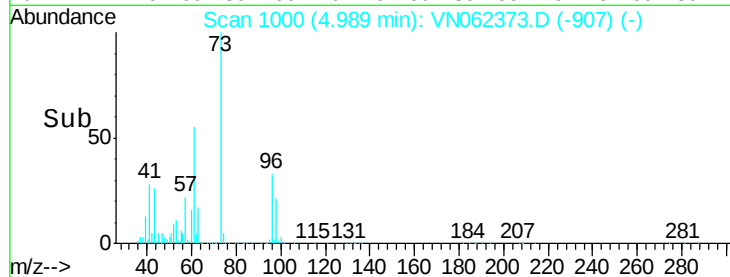
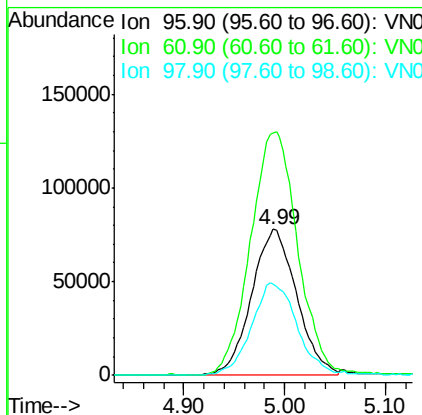
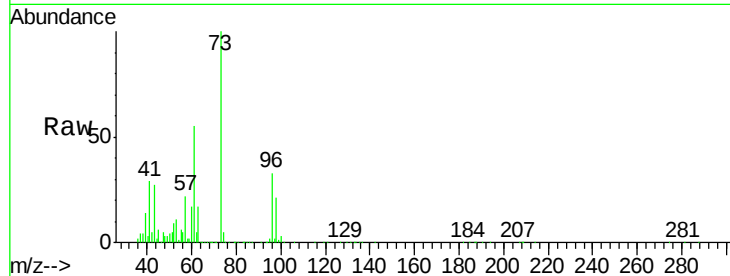
trans-1,2-Dichloroethene
Concen: 18.652 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Instrument :
MSVOA_N
ClientSampled :
VN0706WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	166.4	134.7	202.1
98	62.2	52.2	78.4

Manual Integrations
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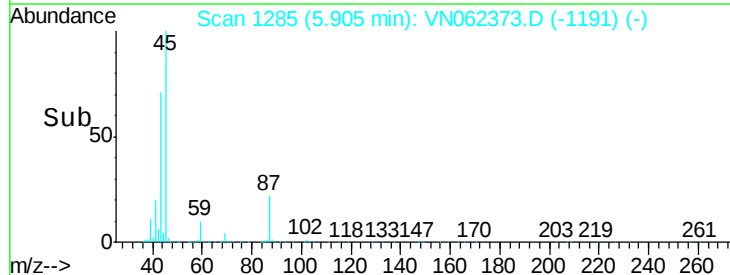
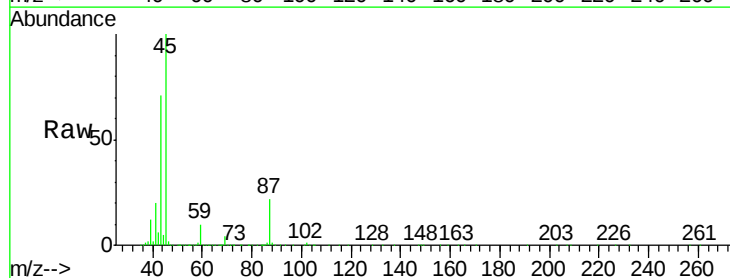
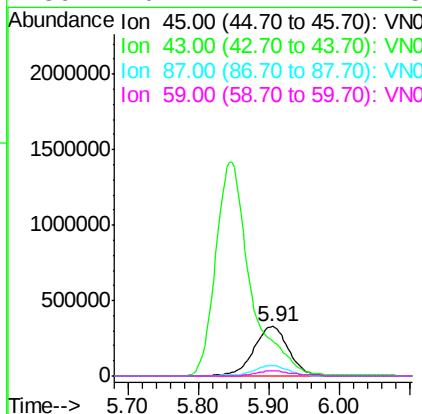
MMDadoda
7/7/2020 10:08:03 AM

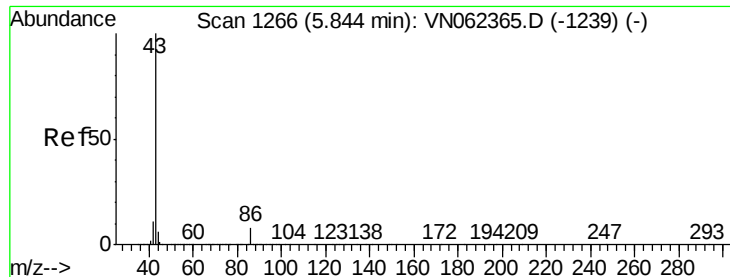


#22

Diisopropyl ether
Concen: 19.867 ug/l
RT: 5.91 min Scan# 1285
Delta R.T. 0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion	Ratio	Lower	Upper
45	100		
43	69.6	54.6	81.8
87	21.9	16.6	24.8
59	10.2	7.7	11.5





#23

Vinyl Acetate

Concen: 96.932 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

VN0706WBSD01

Tot Ion: 43 Resp: 4883955

Ion Ratio Lower Upper

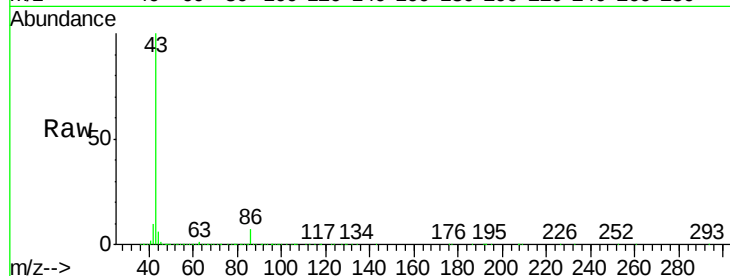
43 100

86 7.4 6.6 9.8

Manual Integrations
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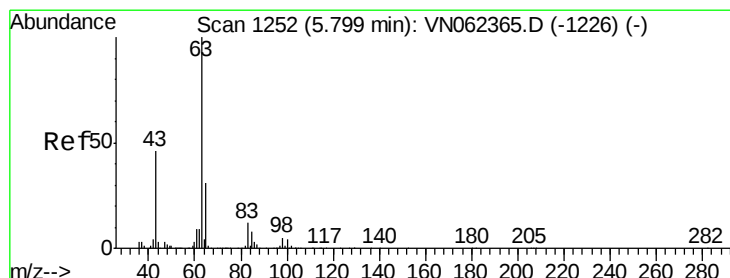
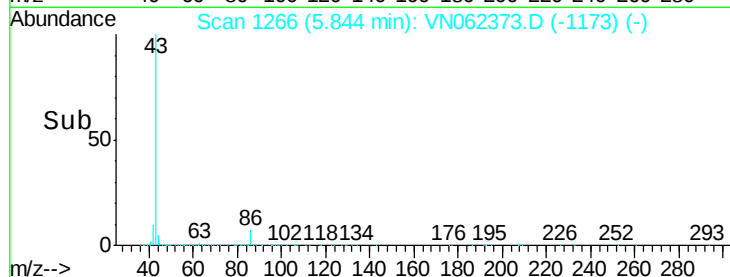
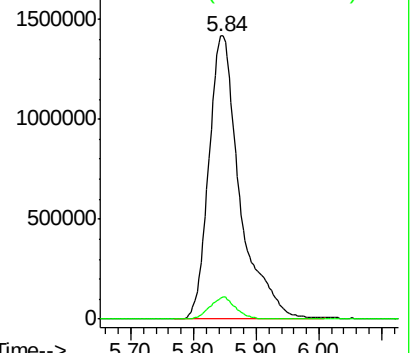
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.785 ug/l

RT: 5.80 min Scan# 1253

Delta R.T. 0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

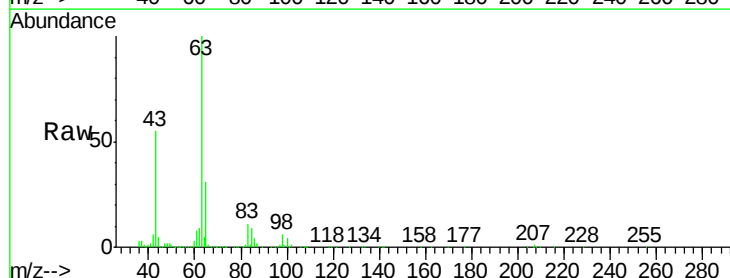
Tgt Ion: 63 Resp: 557090

Ion Ratio Lower Upper

63 100

98 6.3 2.6 7.8

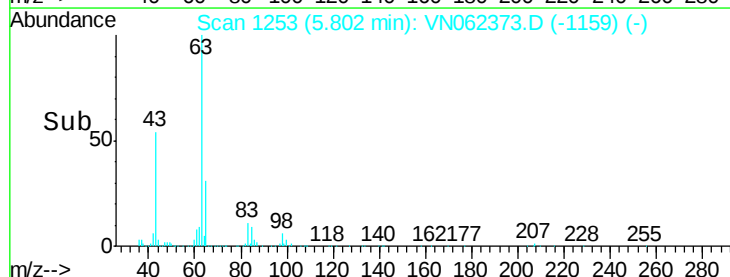
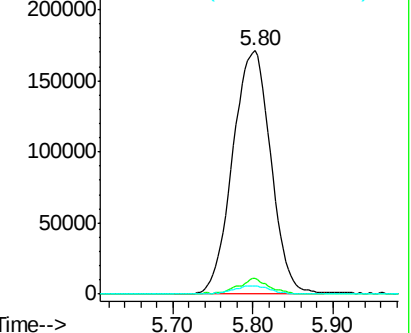
100 3.6 1.8 5.3

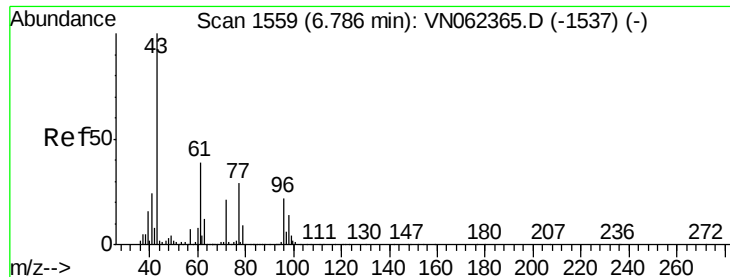


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





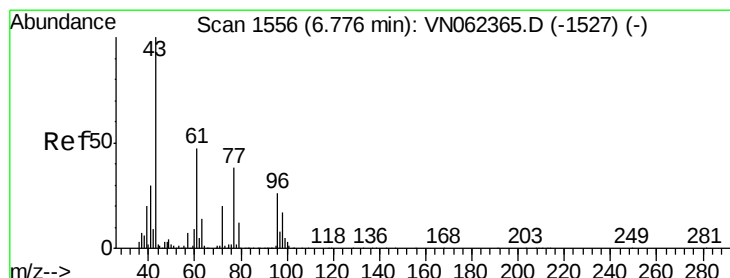
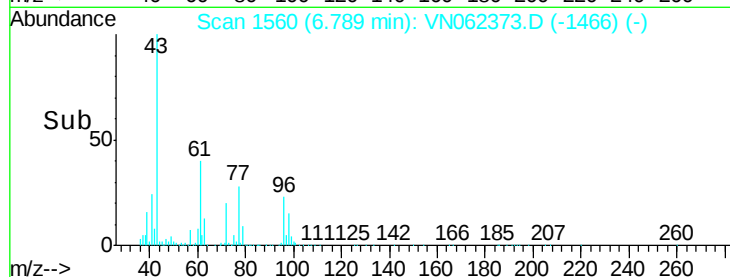
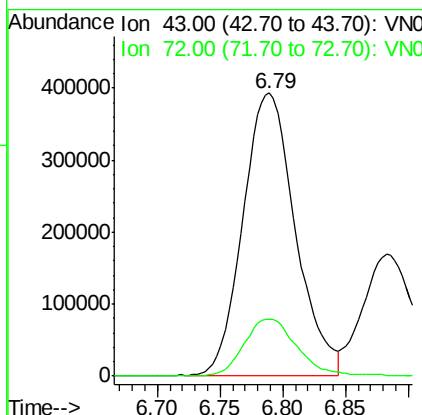
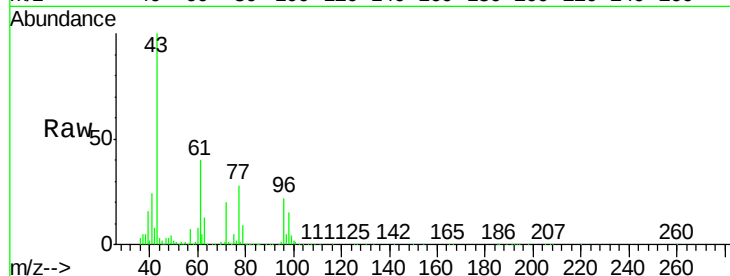
#25
2-Butanone
Concen: 95.328 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Instrument :
MSVOA_N
ClientSampled :
VN0706WBSD01

Tot Ion: 43 Resp: 1135485
Ion Ratio Lower Upper
43 100
72 20.1 16.4 24.6

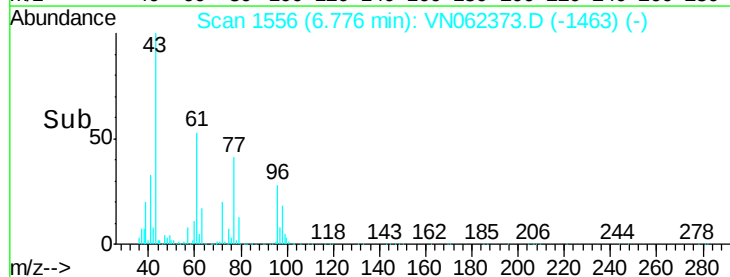
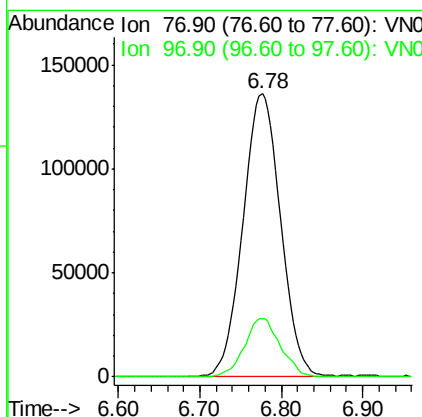
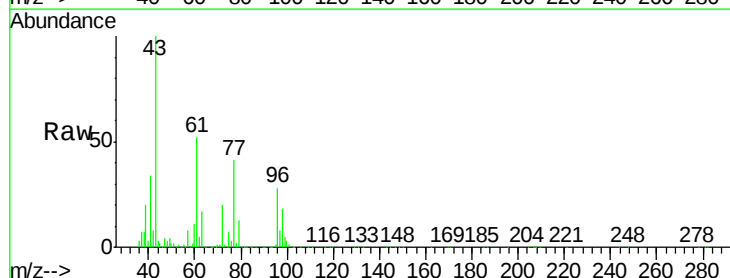
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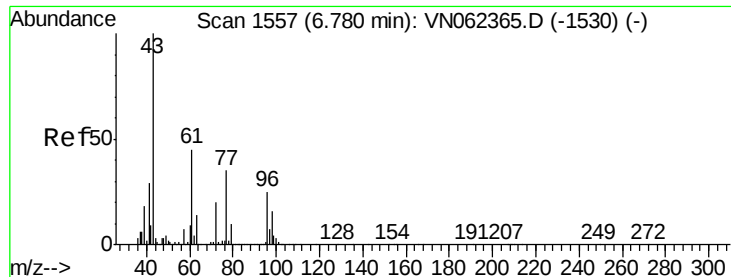
MMDadoda
7/7/2020 10:08:03 AM



#26
2,2-Dichloropropane
Concen: 18.761 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion: 77 Resp: 435123
Ion Ratio Lower Upper
77 100
97 19.6 10.1 30.1





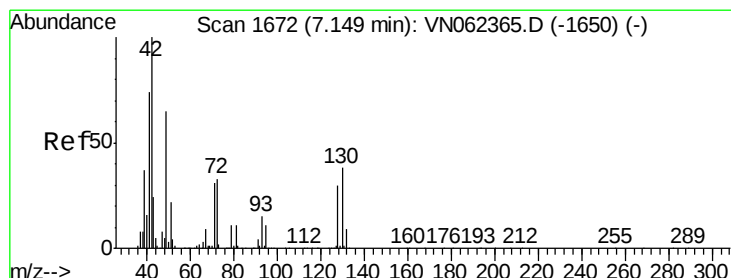
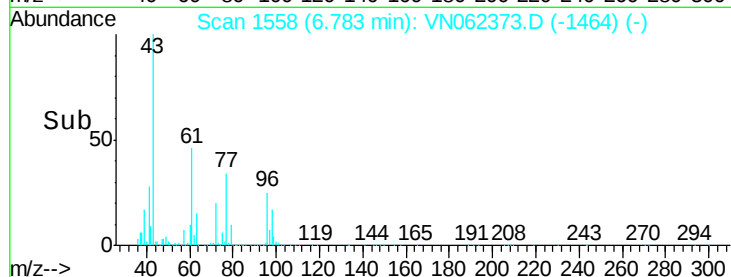
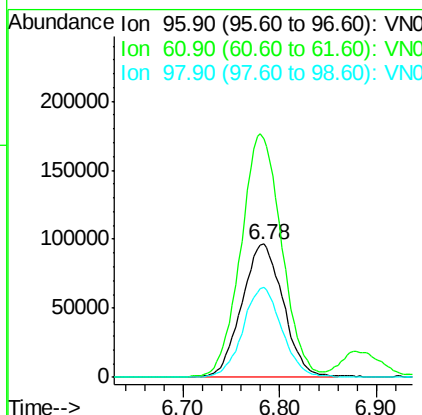
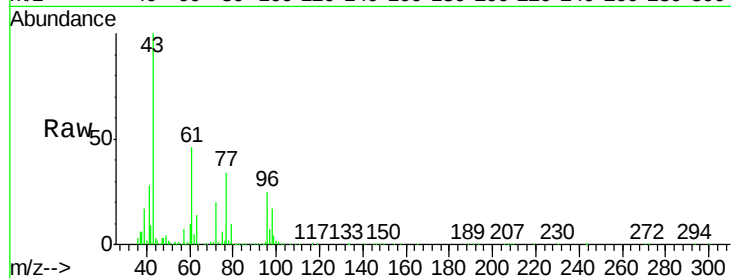
#27
 cis-1,2-Dichloroethene
 Concen: 19.532 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: VN062373.D
 Acq: 6 Jul 2020 19:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	288025		
61	178.5	0.0	358.8	
98	63.4	0.0	130.6	

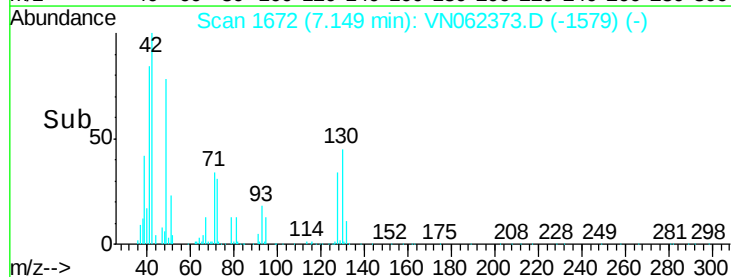
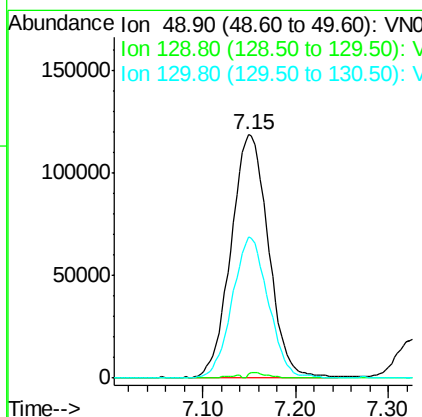
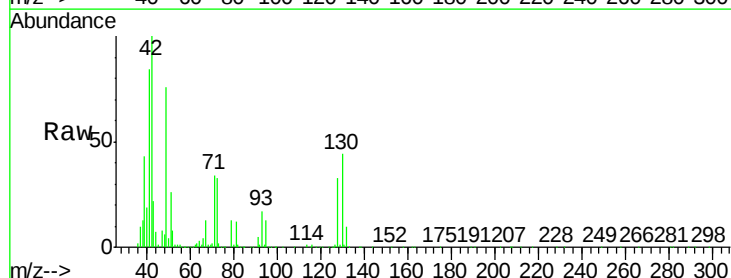
Manual Integrations
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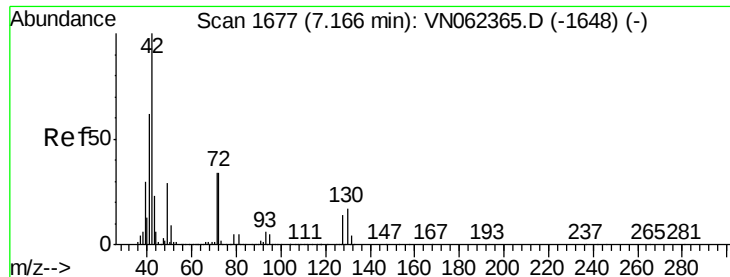
MMDadoda
 7/7/2020 10:08:03 AM



#28
 Bromochloromethane
 Concen: 20.914 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN062373.D
 Acq: 6 Jul 2020 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	329070		
129	1.1	0.0	3.6	
130	56.6	45.8	68.8	





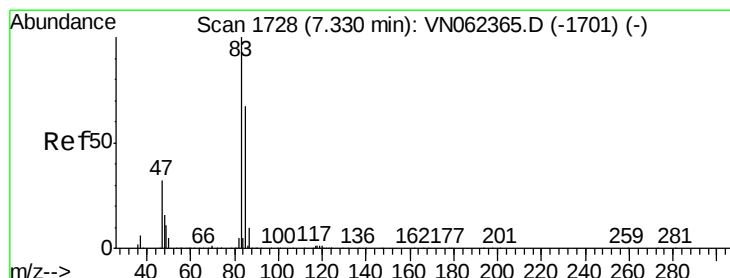
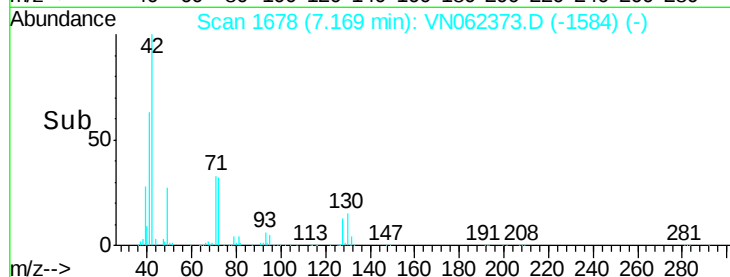
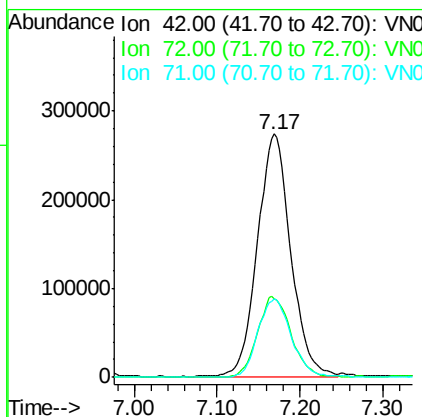
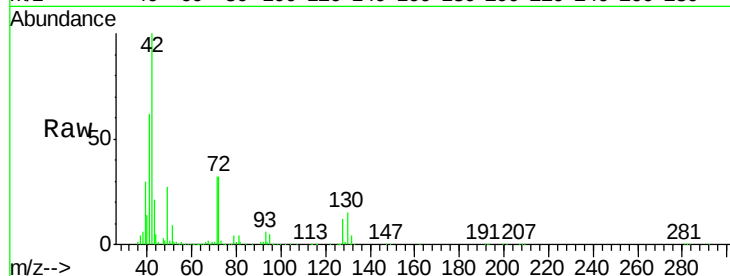
#29
Tetrahydrofuran
Concen: 100.985 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Instrument :
MSVOA_N
ClientSampled :
VN0706WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	33.3	26.8	40.2
71	32.3	26.0	39.0

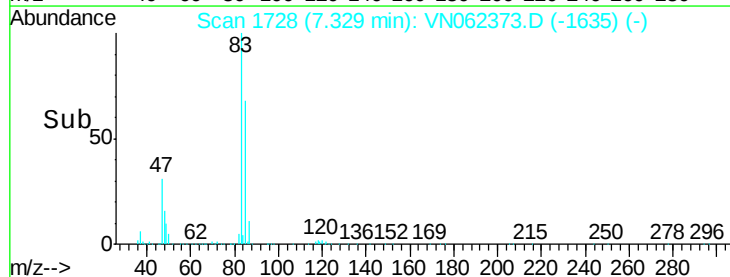
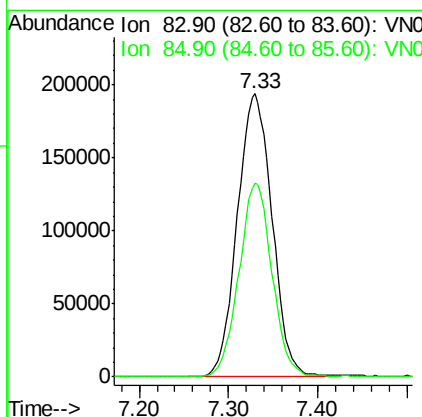
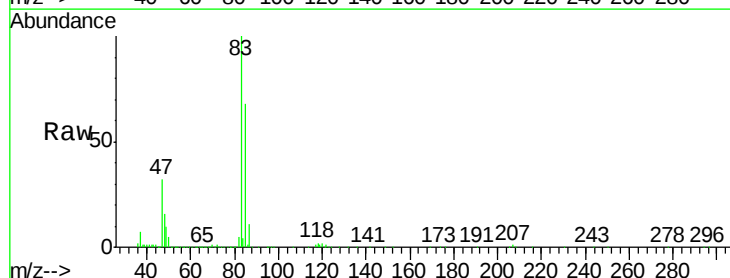
Manual Integrations
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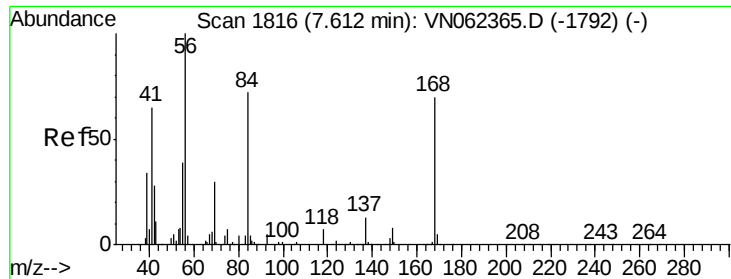
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7/7/2020 10:08:03 AM



#30
Chloroform
Concen: 19.127 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.3	53.6	80.4





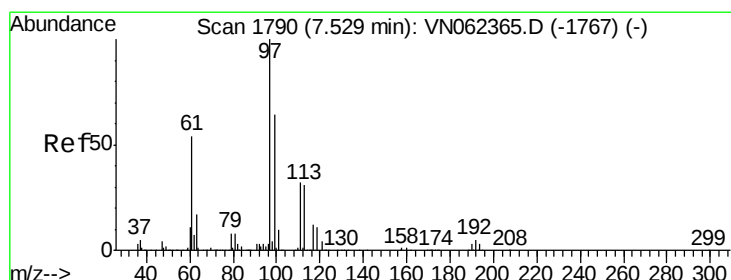
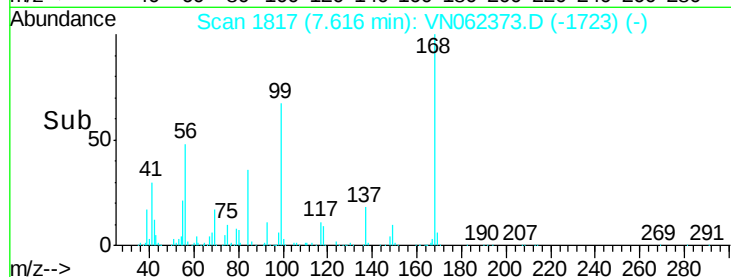
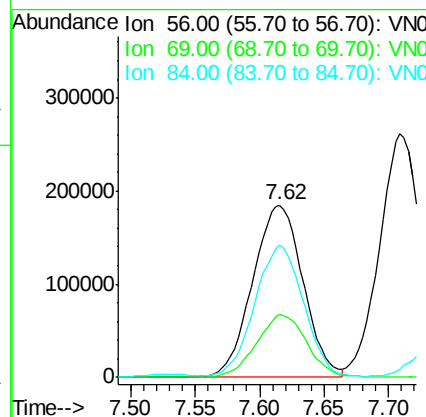
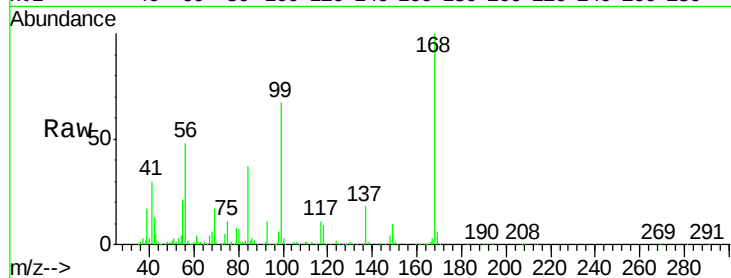
#31
Cvclohexane
Concen: 19.213 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Instrument :
MSVOA_N
ClientSampleId :
VN0706WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.3	23.7	35.5#
84	76.1	57.2	85.8

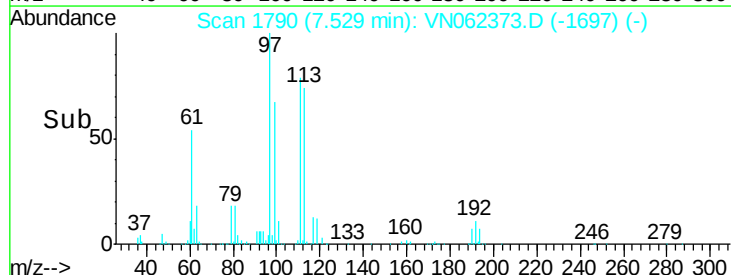
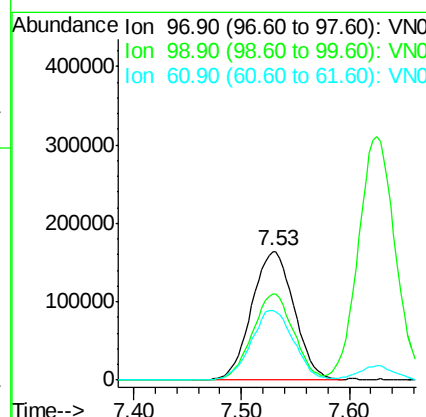
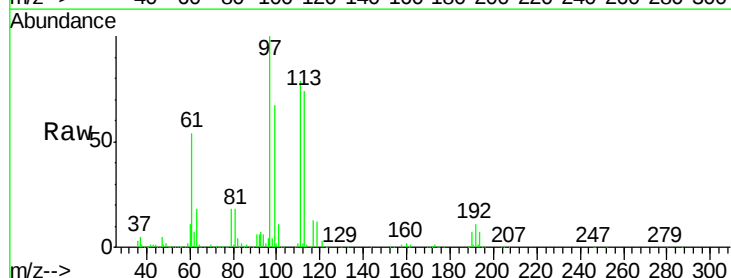
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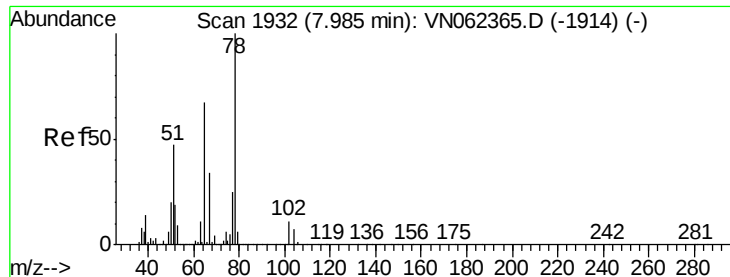
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 19.495 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.1	76.7
61	53.9	42.5	63.7





#33

1,2-Dichloroethane-d4

Concen: 50.171 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

VN0706WBSD01

Tot Ion: 65 Resp: 1029316

Ion Ratio Lower Upper

65 100

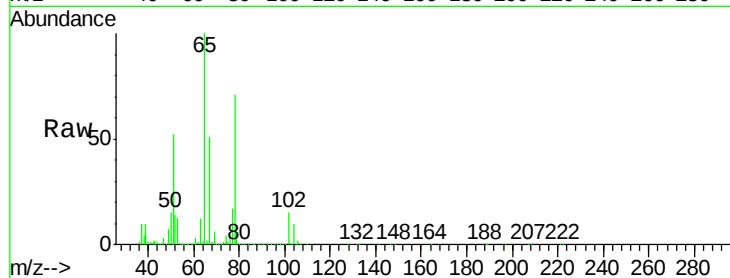
67 50.4 0.0 101.0

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Abundance Ion 64.90 (64.60 to 65.60): VN062373.D (-1839) (-)

Ion 66.90 (66.60 to 67.60): VN062373.D (-1839) (-)

7.99

500000

400000

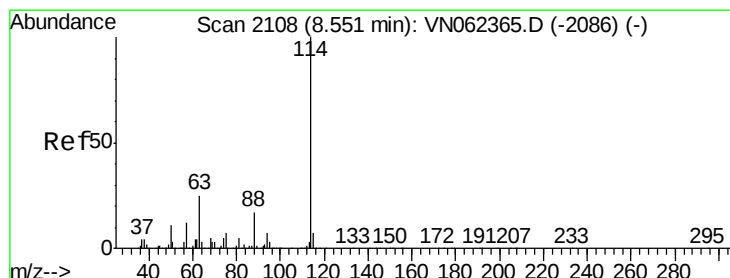
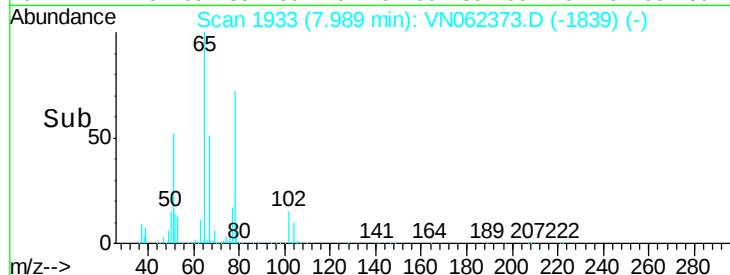
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

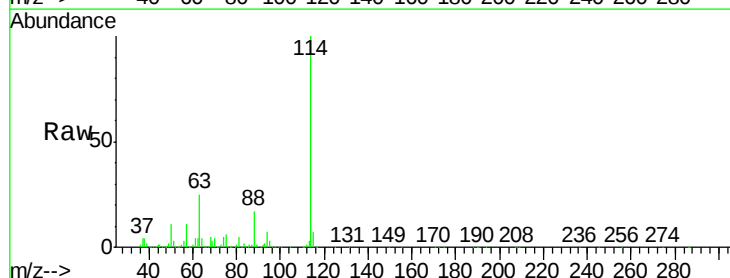
Tgt Ion: 114 Resp: 1894613

Ion Ratio Lower Upper

114 100

63 25.0 0.0 49.0

88 16.8 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): VN062373.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062373.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062373.D (-2015) (-)

8.55

1200000

1000000

800000

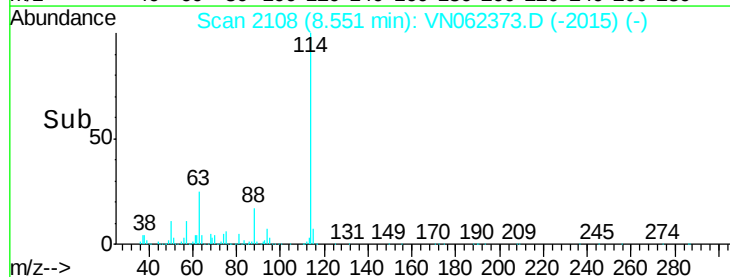
600000

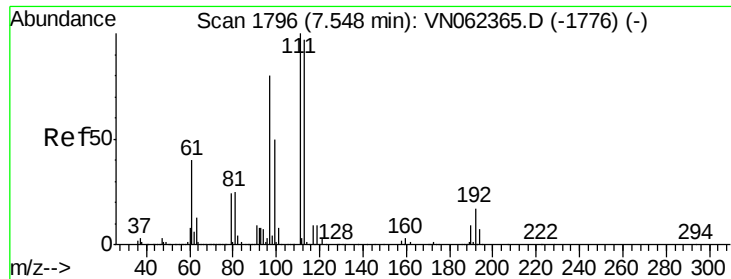
400000

200000

0

Time-->





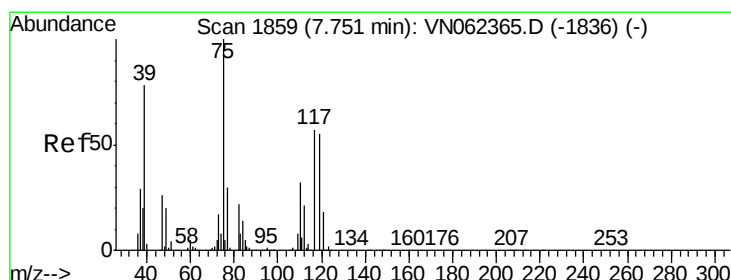
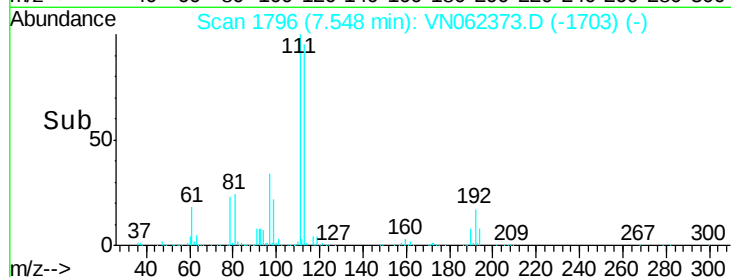
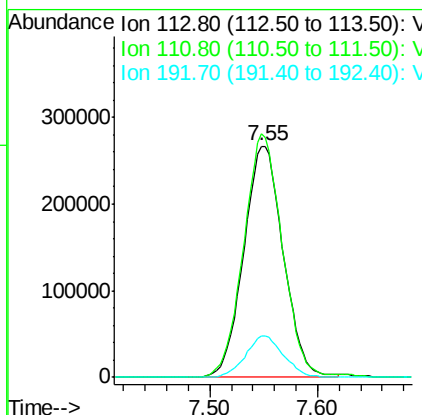
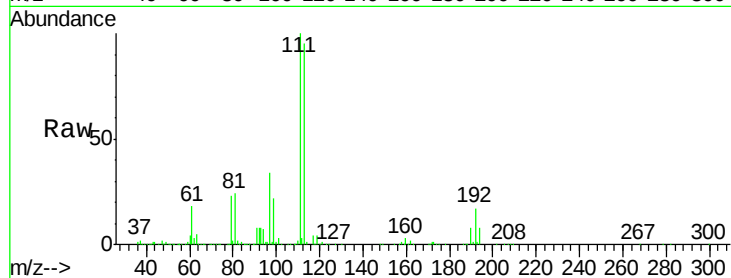
#35
 Dibromofluoromethane
 Concen: 52.464 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062373.D
 Acq: 6 Jul 2020 19:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	678093		
111	103.3	83.2	124.8	
192	17.5	14.2	21.2	

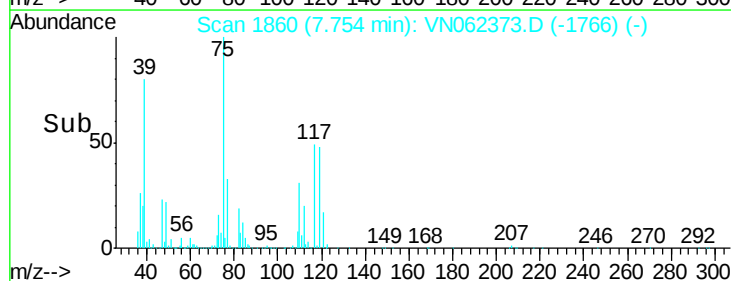
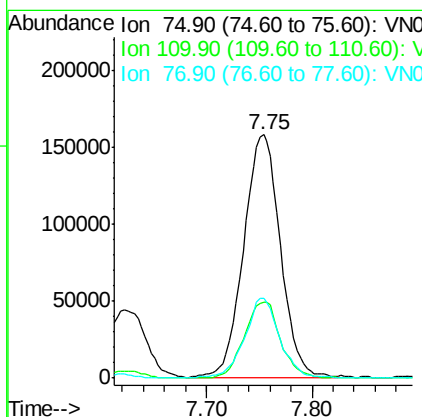
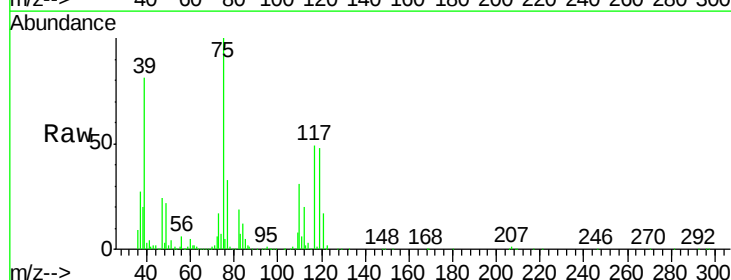
Manual Integrations
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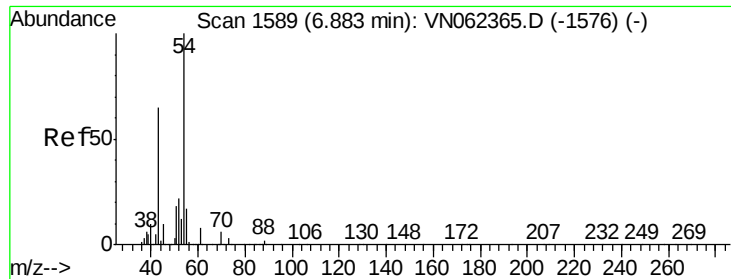
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#36
 1,1-Dichloropropene
 Concen: 19.074 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062373.D
 Acq: 6 Jul 2020 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	379728		
110	31.2	15.7	47.1	
77	31.5	24.3	36.5	





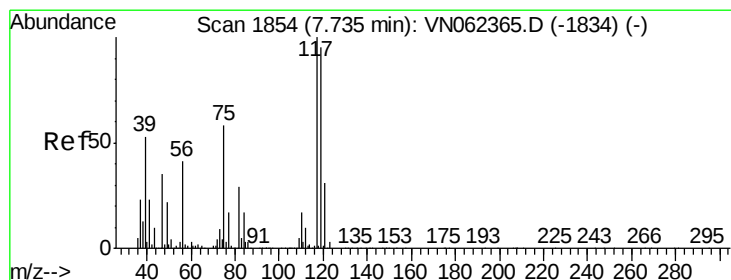
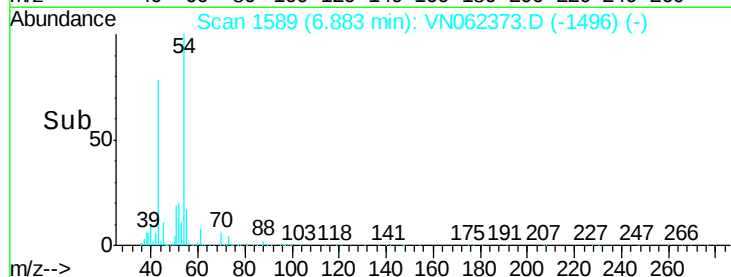
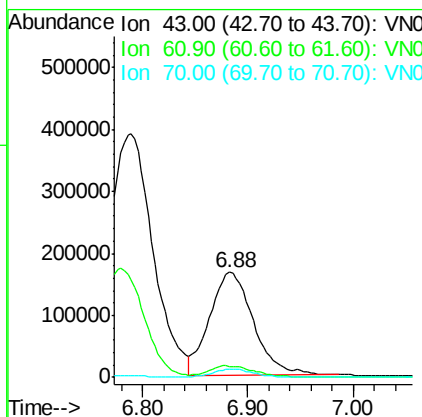
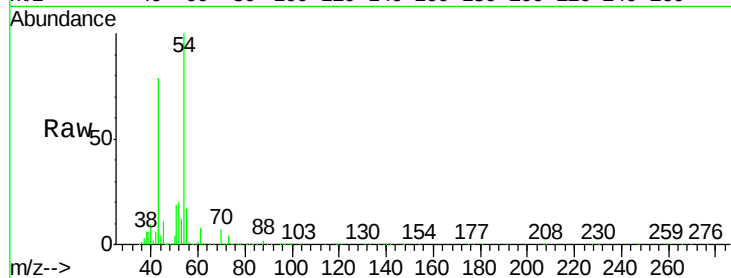
#37
Ethyl Acetate
Concen: 20.413 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Instrument :
MSVOA_N
ClientSampled :
VN0706WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	10.4	8.8	13.2
70	7.1	6.2	9.4

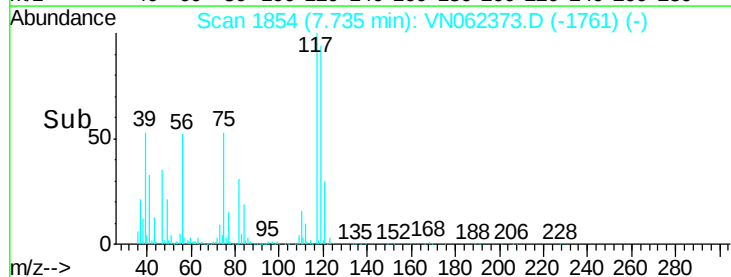
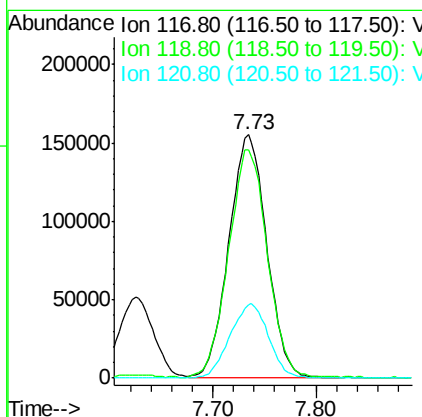
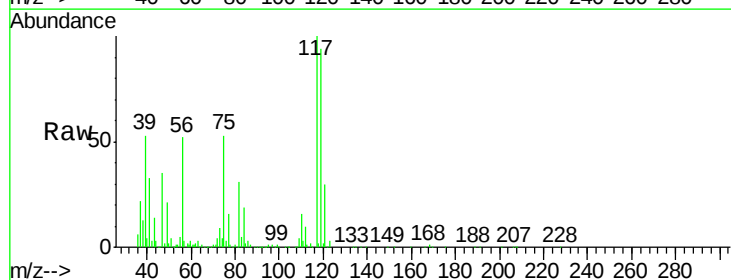
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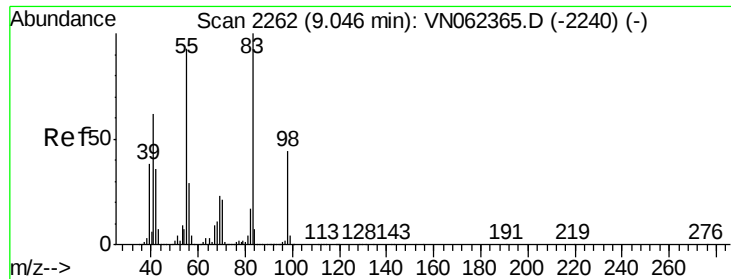
MMDadoda
7/7/2020 10:08:03 AM



#38
Carbon Tetrachloride
Concen: 19.720 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.9	113.9
121	30.3	24.6	36.8





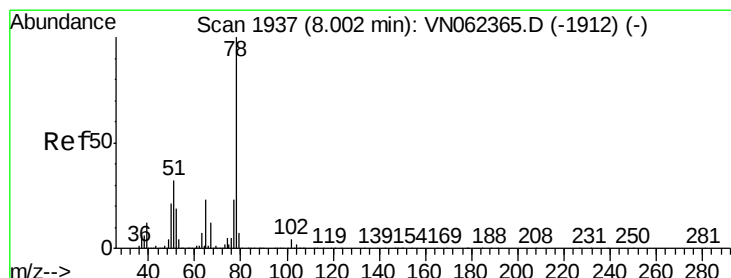
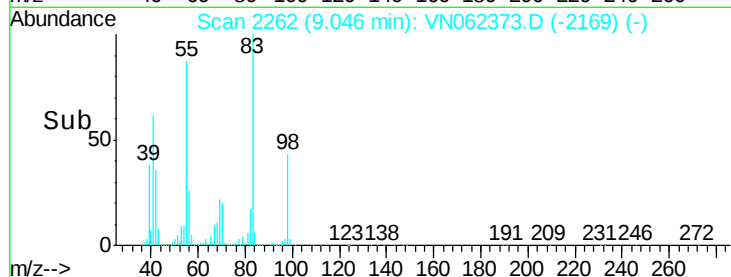
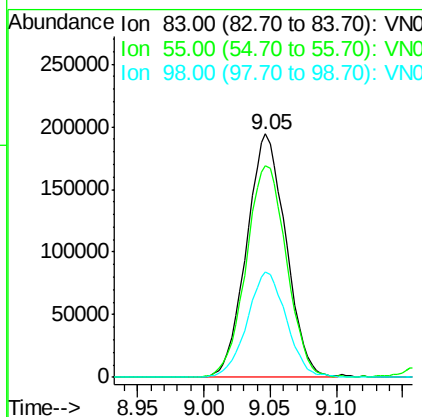
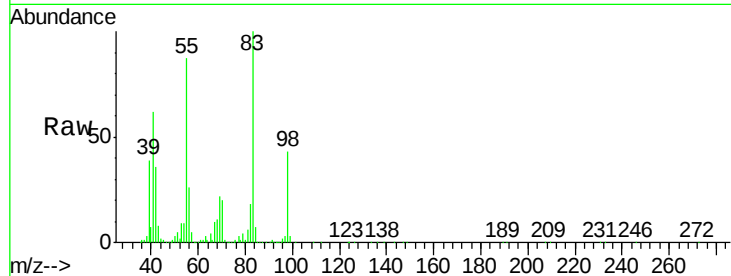
#39
Methvlcvclohexane
Concen: 18.707 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Instrument :
MSVOA_N
ClientSampleId :
VN0706WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.8	74.1	111.1
98	43.3	35.6	53.4

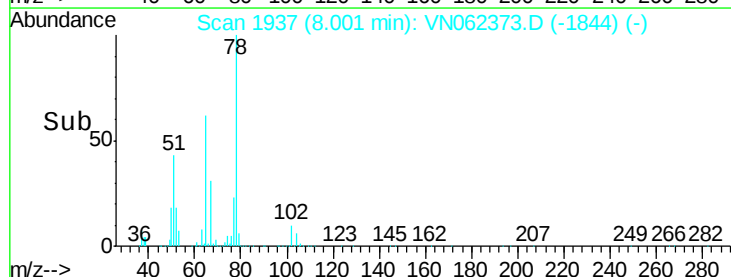
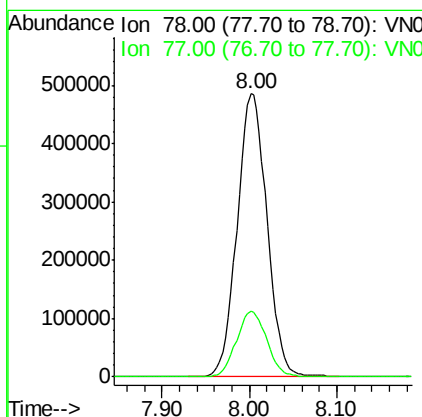
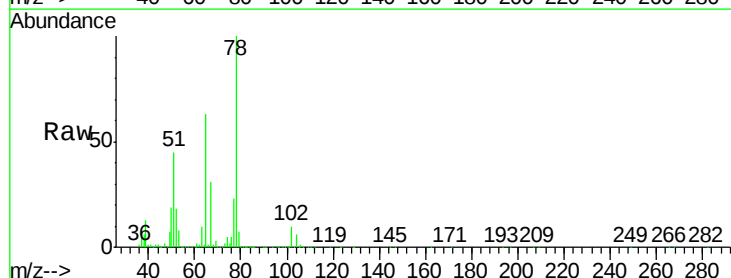
Manual Integrations
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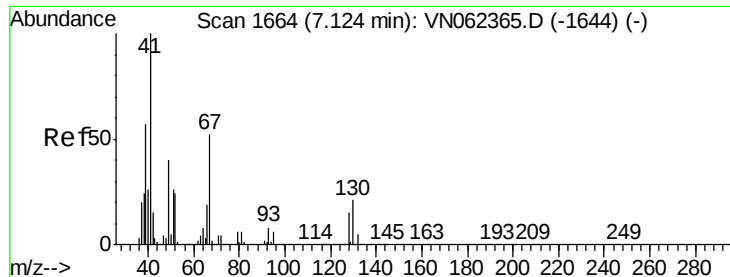
MMDadoda
7/7/2020 10:08:03 AM



#40
Benzene
Concen: 20.253 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.6	28.0





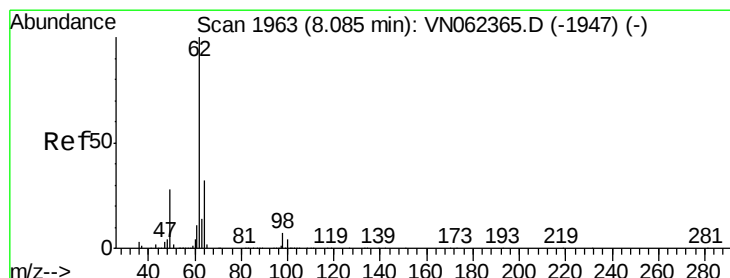
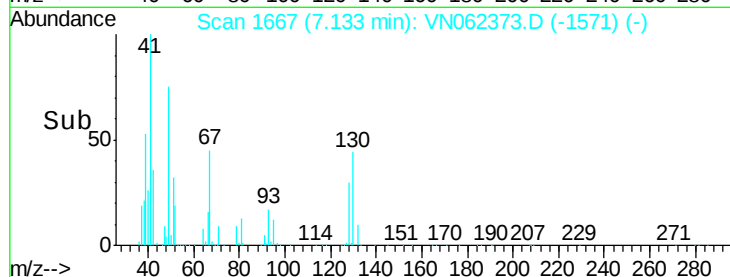
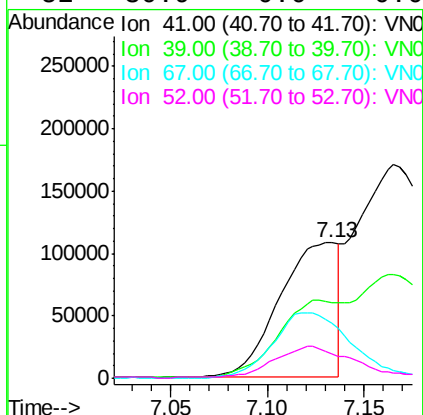
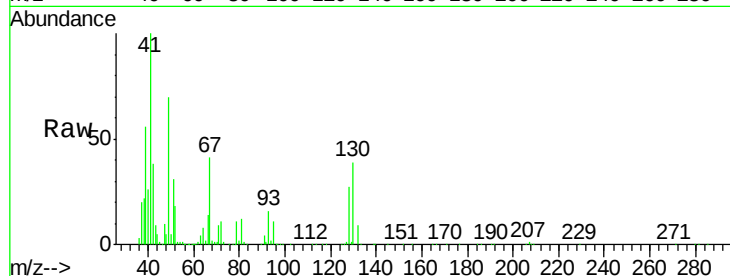
#41
Methacrylonitrile
Concen: 19.098 ug/l
RT: 7.13 min Scan# 1667
Delta R.T. 0.01 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Instrument :
MSVOA_N
ClientSampleId :
VN0706WBSD01

Tot Ion	41	Resp	227683
Ion Ratio	Lower	Upper	
41	100		
39	56.9	0.0	0.0#
67	66.9	0.0	0.0#
52	30.9	0.0	0.0#

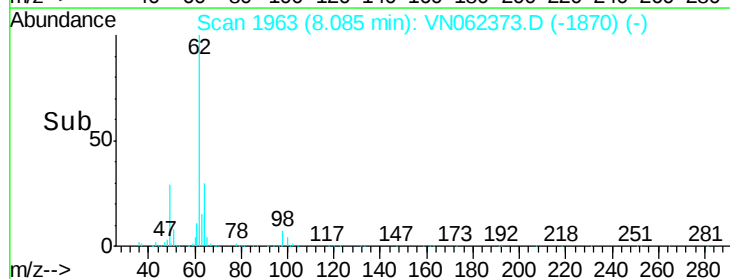
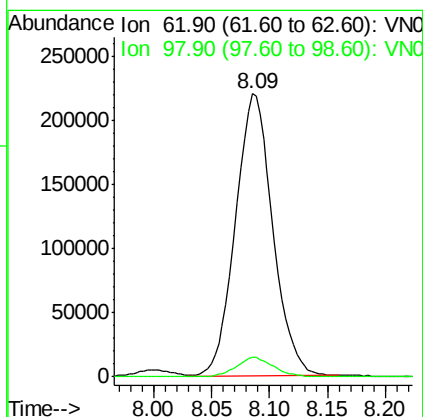
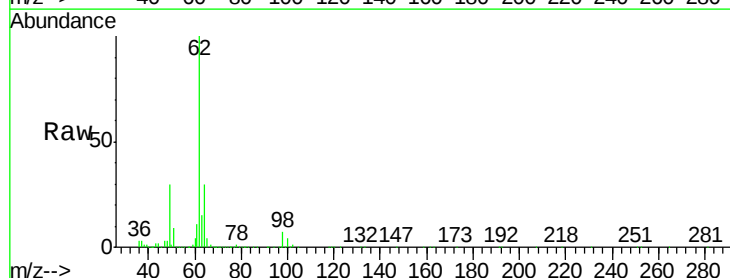
Manual Integrations
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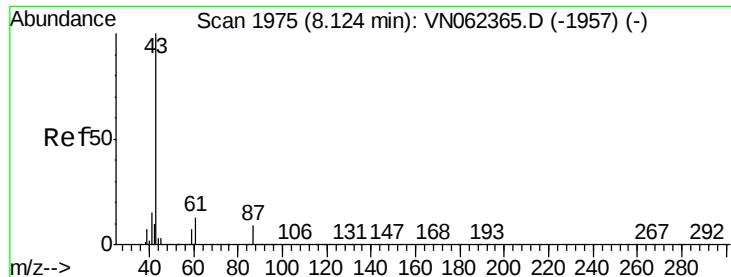
MMDadoda
7/7/2020 10:08:03 AM



#42
1,2-Dichloroethane
Concen: 19.778 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion	62	Resp	492832
Ion Ratio	Lower	Upper	
62	100		
98	7.0	0.0	13.4





#43

Isopropyl Acetate

Concen: 20.077 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

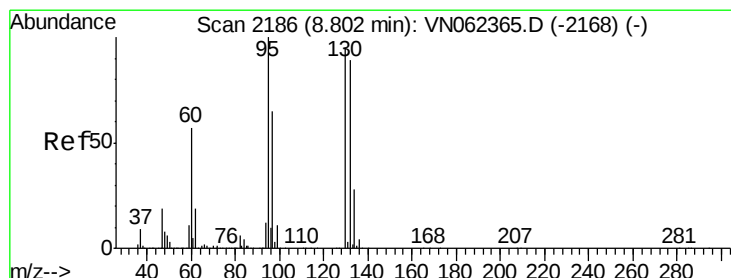
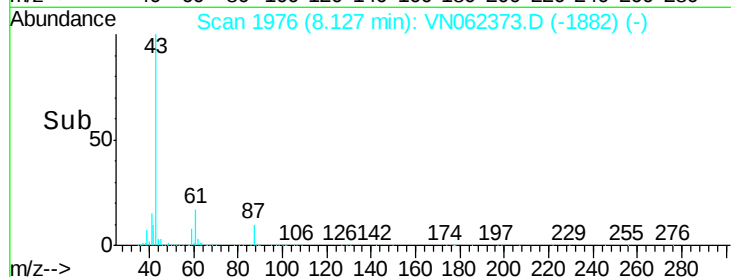
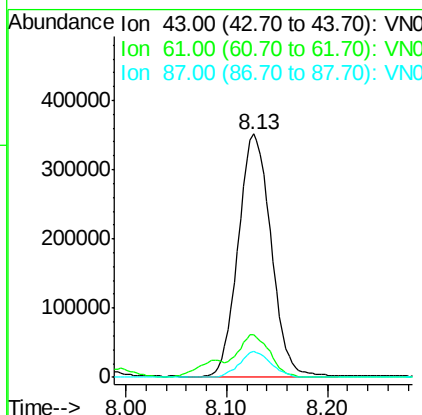
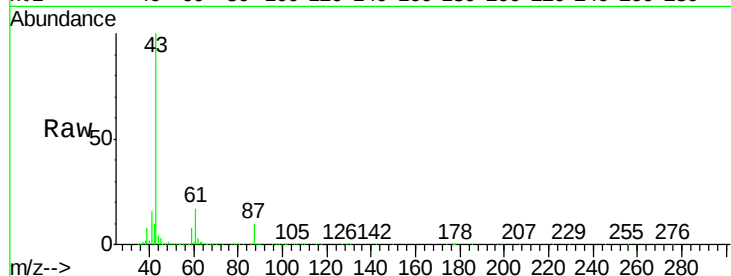
ClientSampleId :

VN0706WBSD01

Tot Ion:	43	Resp:	792524
Ion	Ratio	Lower	Upper
43	100		
61	17.0	13.1	19.7
87	10.3	7.5	11.3

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#44

Trichloroethene

Concen: 19.339 ug/l

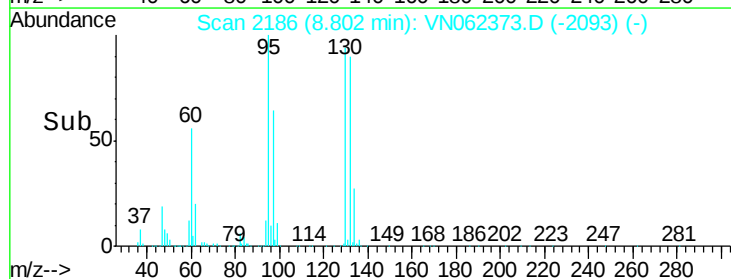
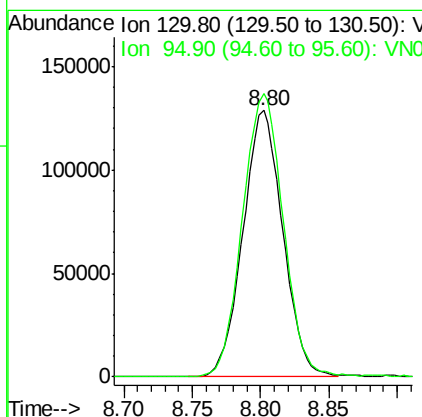
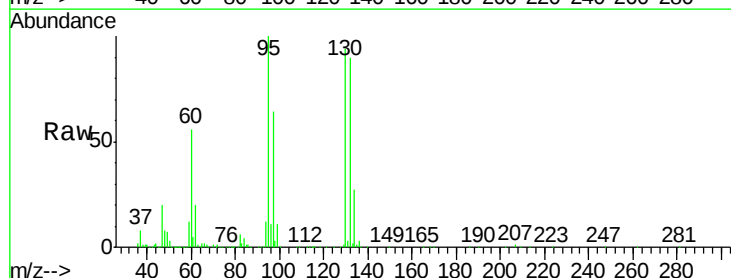
RT: 8.80 min Scan# 2186

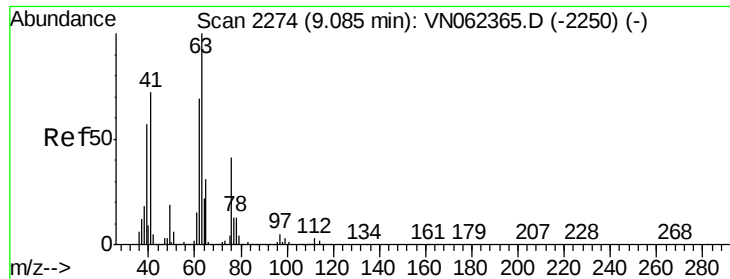
Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Tgt Ion:	130	Resp:	261478
Ion	Ratio	Lower	Upper
130	100		
95	106.1	0.0	209.8





#45

1,2-Dichloropropane

Concen: 19.823 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

VN0706WBSD01

Tot Ion: 63 Resp: 328623

Ion Ratio Lower Upper

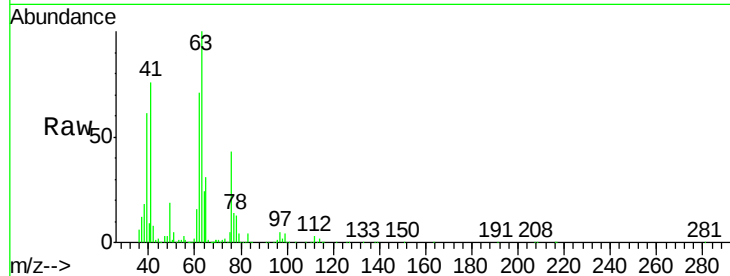
63 100

65 30.2 24.2 36.4

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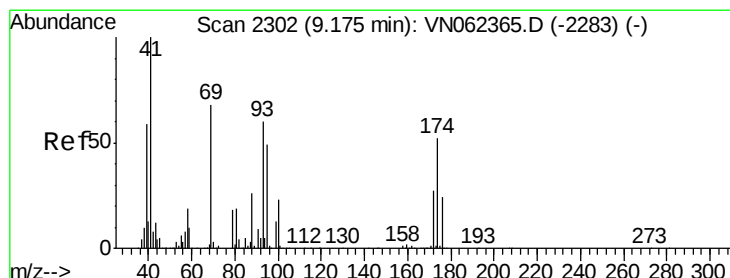
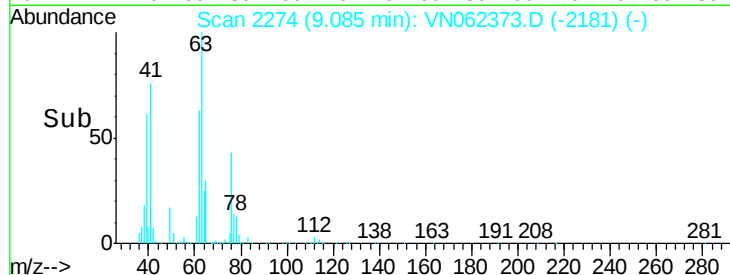
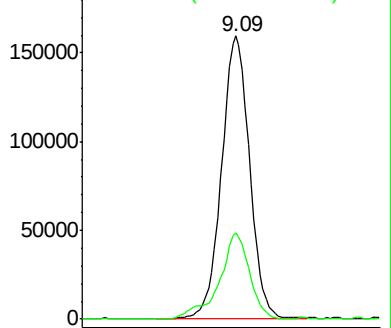
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Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 19.609 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

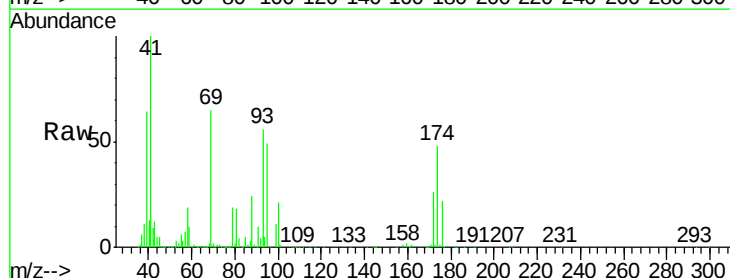
Tgt Ion: 93 Resp: 201197

Ion Ratio Lower Upper

93 100

95 83.4 64.8 97.2

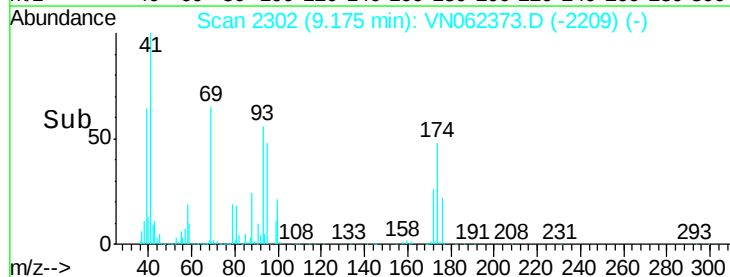
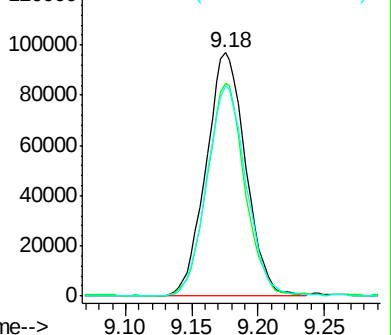
174 86.1 67.6 101.4

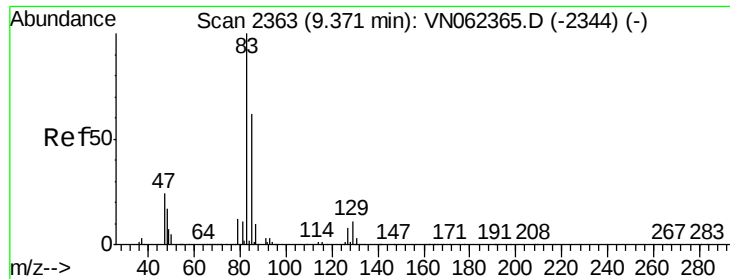


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO





#47

Bromodichloromethane

Concen: 19.388 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

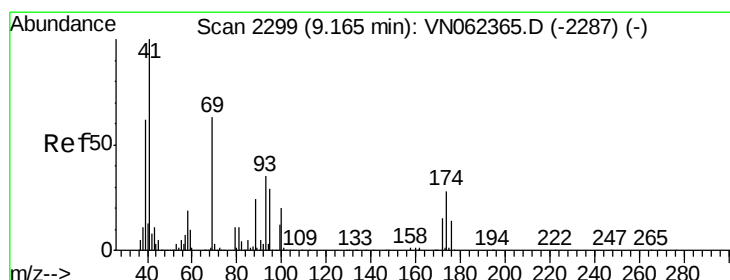
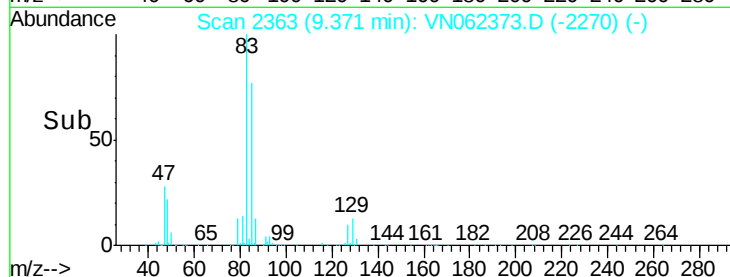
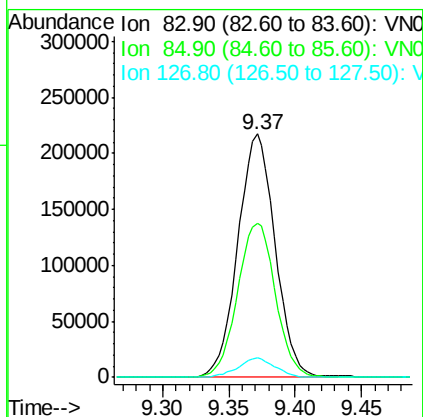
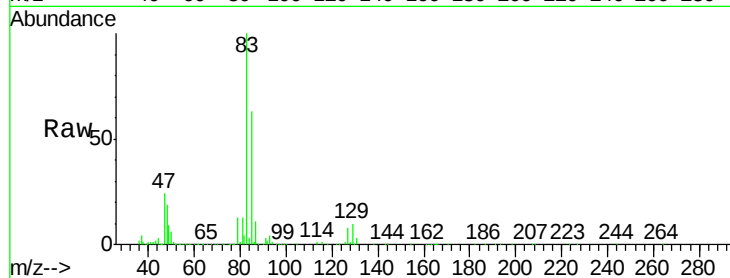
ClientSampleId :

VN0706WBSD01

Tot Ion:	83	Resp:	424006
Ion	Ratio	Lower	Upper
83	100		
85	62.9	49.8	74.6
127	7.8	6.2	9.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.695 ug/l

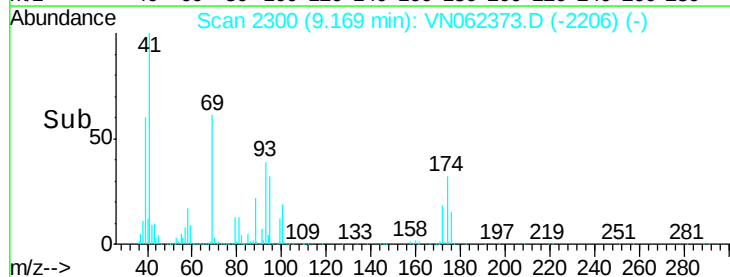
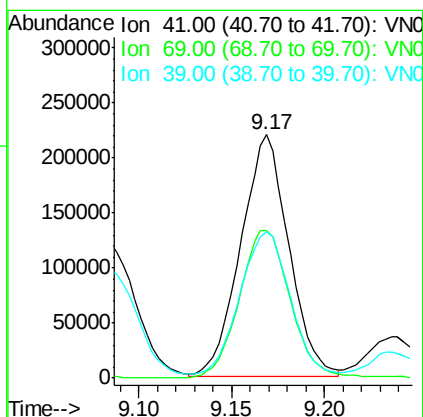
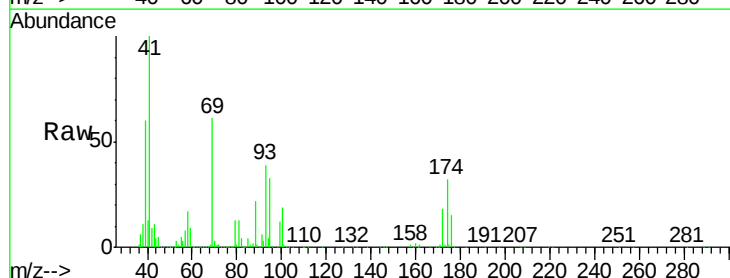
RT: 9.17 min Scan# 2300

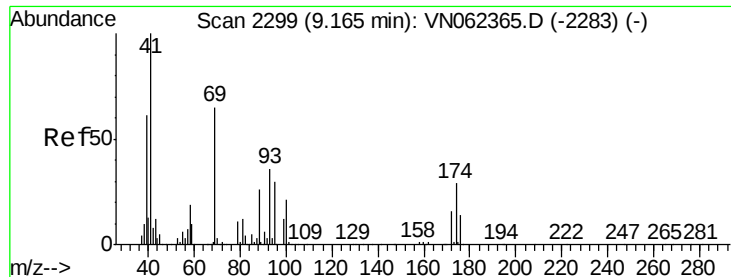
Delta R.T. 0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Tgt Ion:	41	Resp:	396817
Ion	Ratio	Lower	Upper
41	100		
69	63.9	51.5	77.3
39	60.7	51.2	76.8





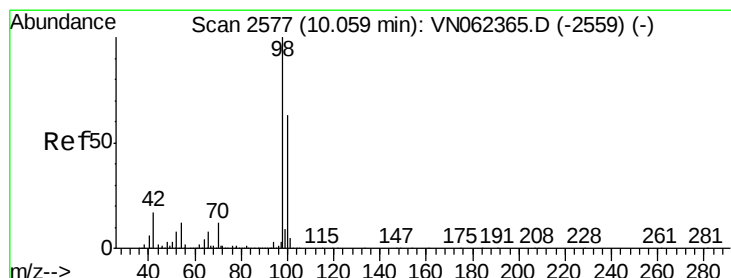
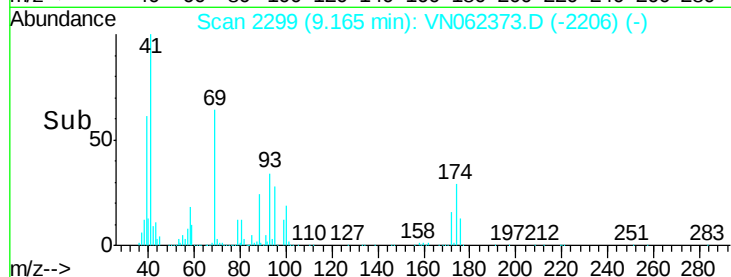
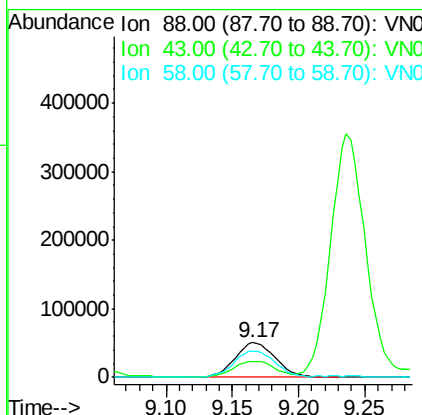
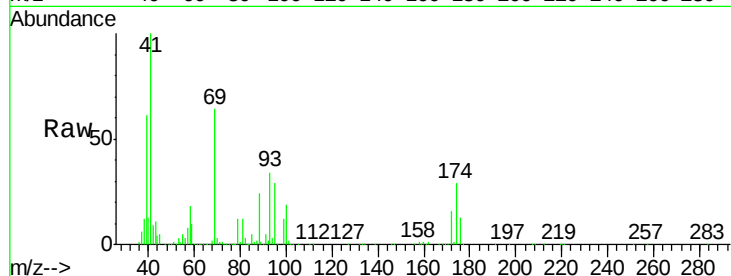
#49
1,4-Dioxane
Concen: 393.510 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Instrument :
MSVOA_N
ClientSampleId :
VN0706WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	44.7	34.0	51.0
58	75.0	63.0	94.4

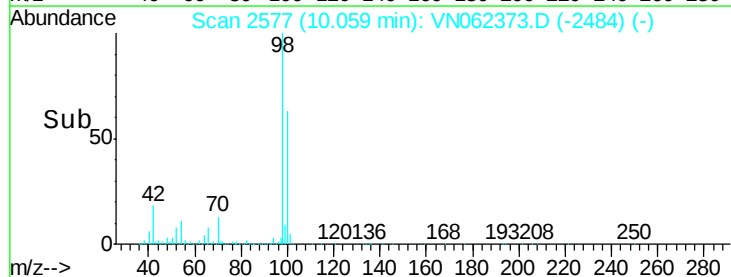
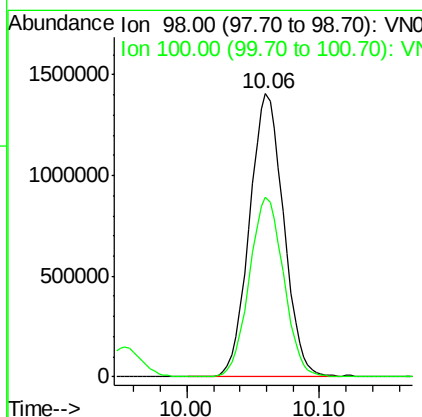
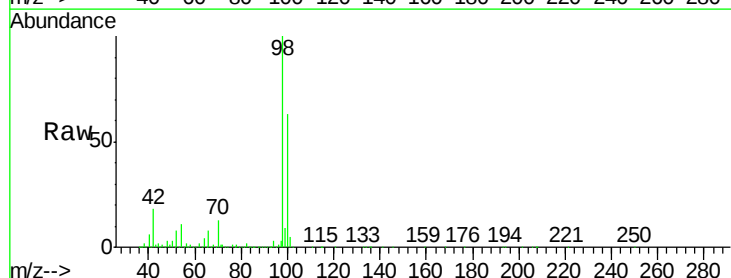
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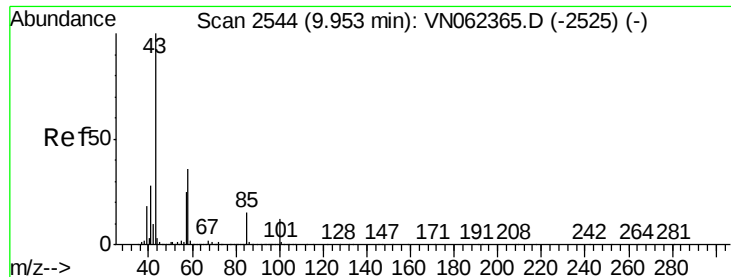
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#50
Toluene-d8
Concen: 52.073 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.2	75.2





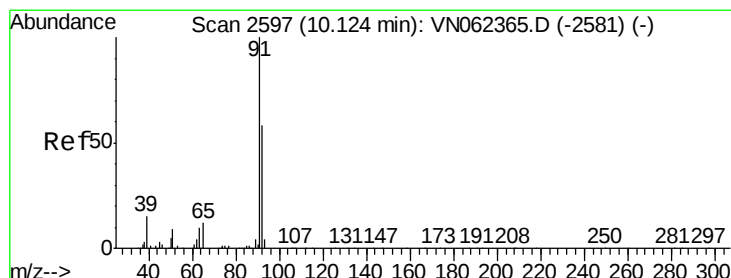
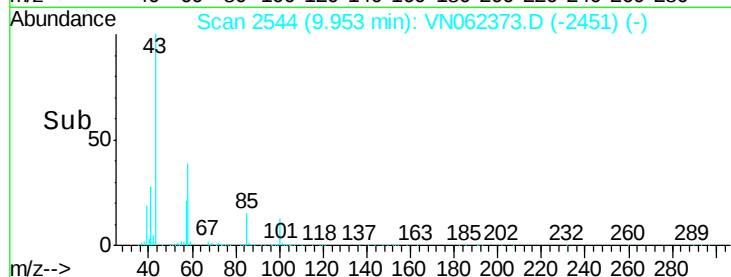
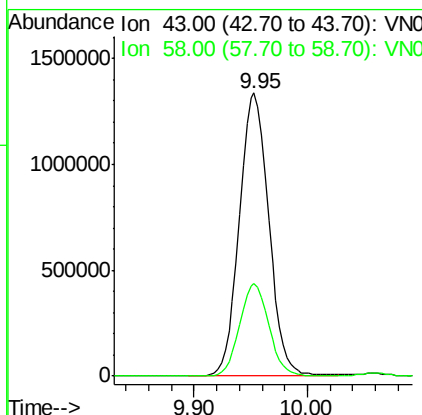
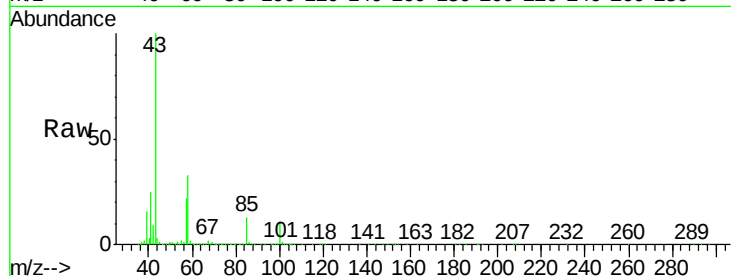
#51
4-Methyl-2-Pentanone
Concen: 97.661 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Instrument :
MSVOA_N
ClientSampleId :
VN0706WBSD01

Tot Ion: 43 Resp: 2429849
Ion Ratio Lower Upper
43 100
58 32.4 27.6 41.4

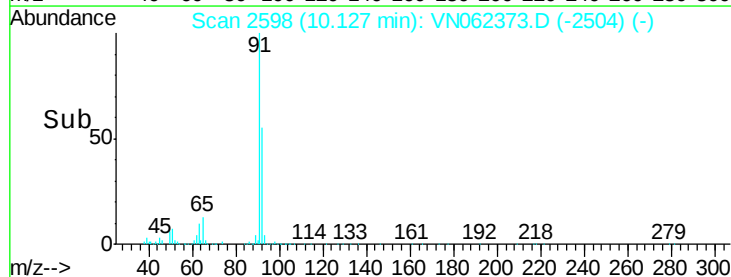
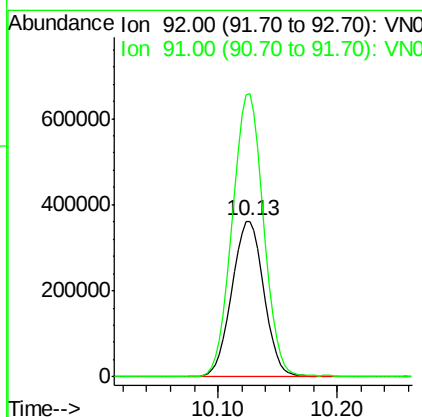
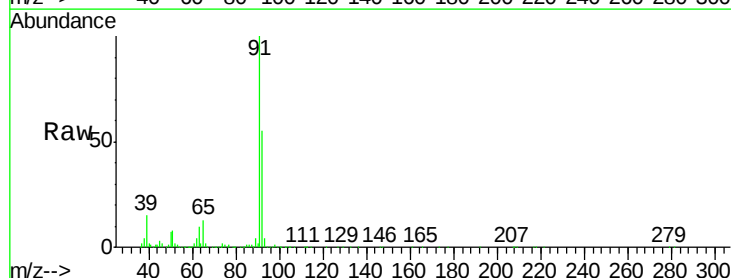
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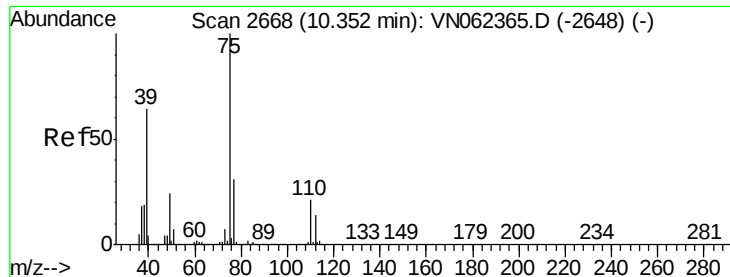
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#52
Toluene
Concen: 19.937 ug/l
RT: 10.13 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion: 92 Resp: 674255
Ion Ratio Lower Upper
92 100
91 178.0 139.4 209.2





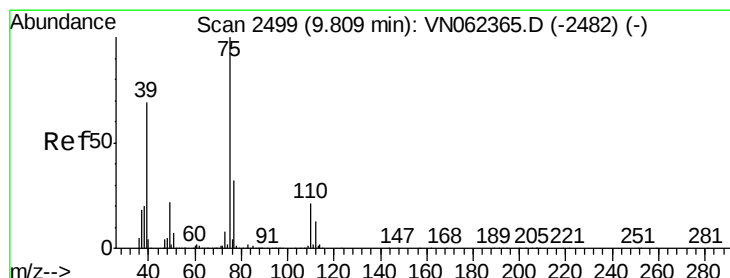
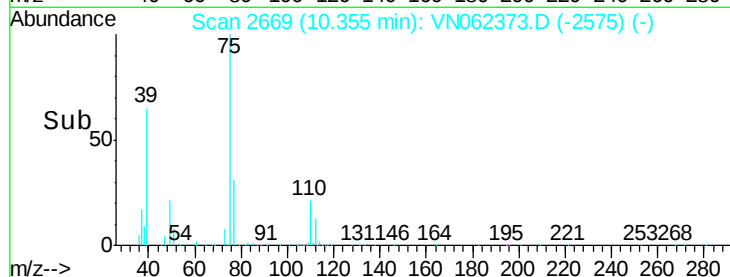
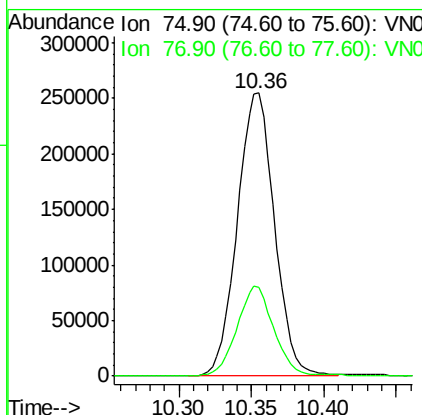
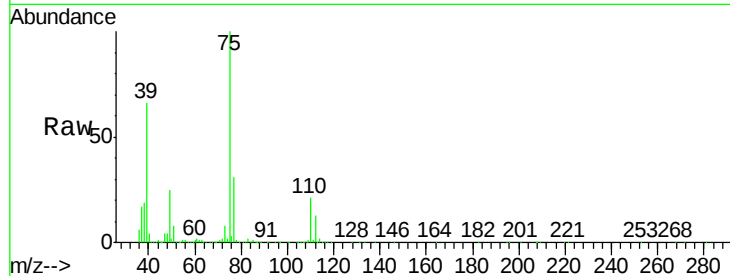
#53
t-1,3-Dichloropropene
Concen: 19.256 ug/l
RT: 10.36 min Scan# 2669
Delta R.T. 0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Instrument :
MSVOA_N
ClientSampleId :
VN0706WBSD01

Tot Ion: 75 Resp: 453131
Ion Ratio Lower Upper
75 100
77 30.8 24.9 37.3

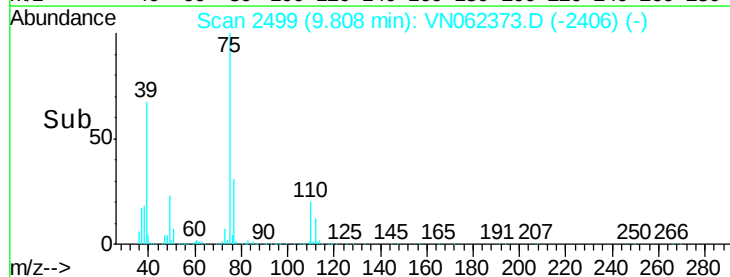
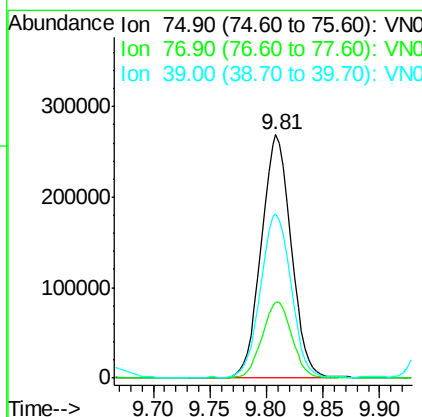
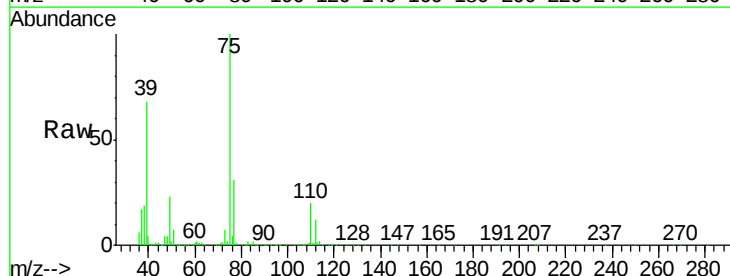
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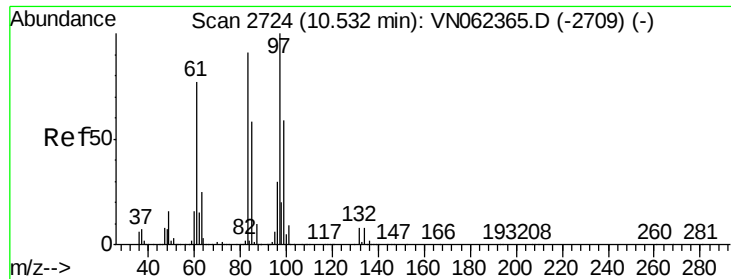
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#54
cis-1,3-Dichloropropene
Concen: 19.681 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion: 75 Resp: 494177
Ion Ratio Lower Upper
75 100
77 31.2 26.0 39.0
39 67.2 55.3 82.9





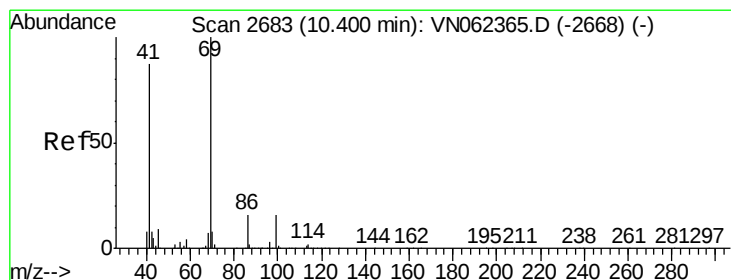
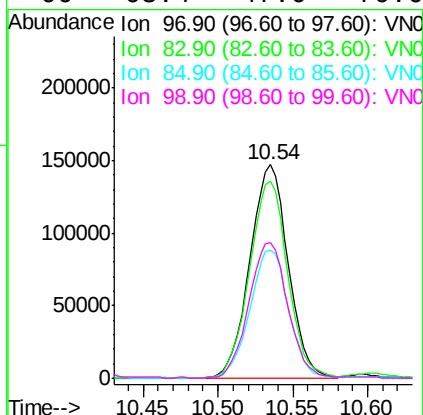
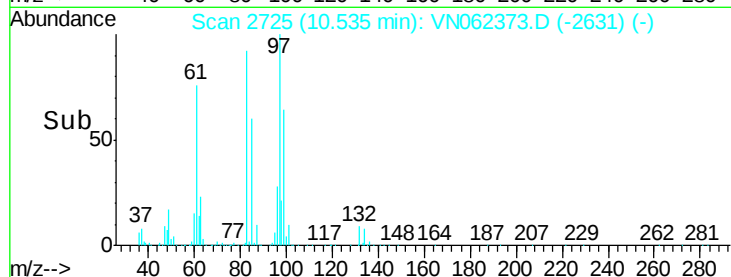
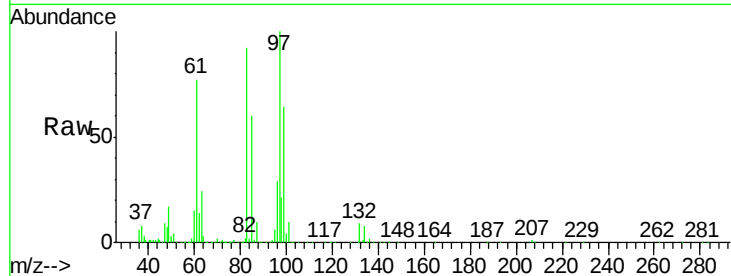
#55
 1,1,2-Trichloroethane
 Concen: 19.318 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN062373.D
 Acq: 6 Jul 2020 19:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		261798		
83	92.1	72.4	108.6		
85	60.1	46.3	69.5		
99	63.4	47.0	70.6		

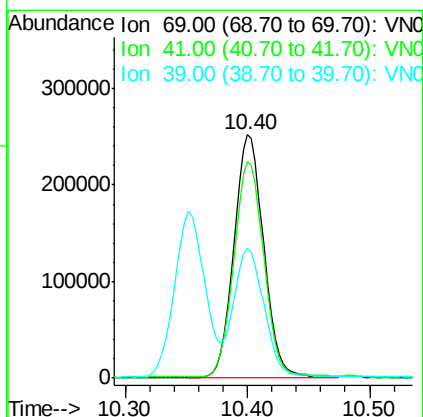
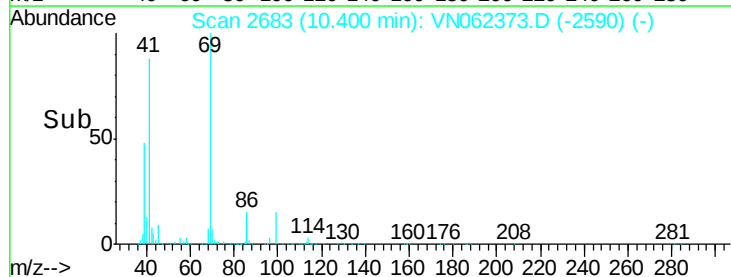
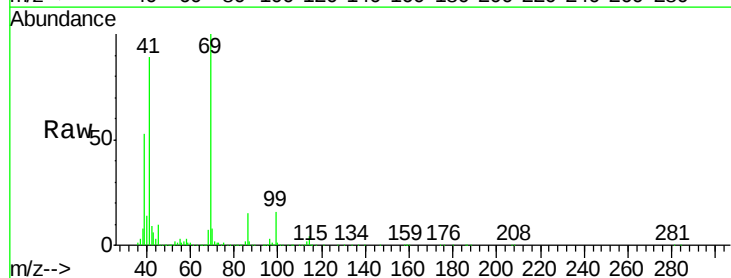
Manual Integrations
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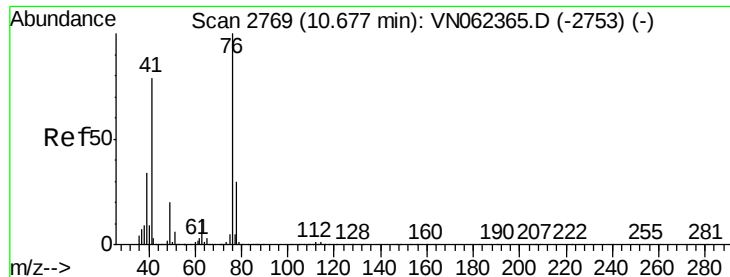
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#56
 Ethyl methacrylate
 Concen: 19.635 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062373.D
 Acq: 6 Jul 2020 19:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		428589		
41	88.6	69.4	104.0		
39	53.9	42.4	63.6		





#57

1,3-Dichloropropane

Concen: 19.927 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

VN0706WBSD01

Tot Ion: 76 Resp: 501521

Ion Ratio Lower Upper

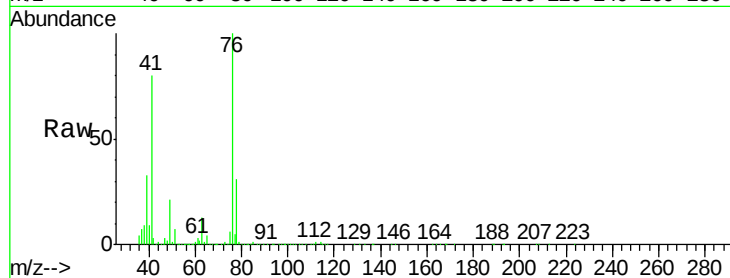
76 100

78 31.1 25.0 37.4

Manual Integrations
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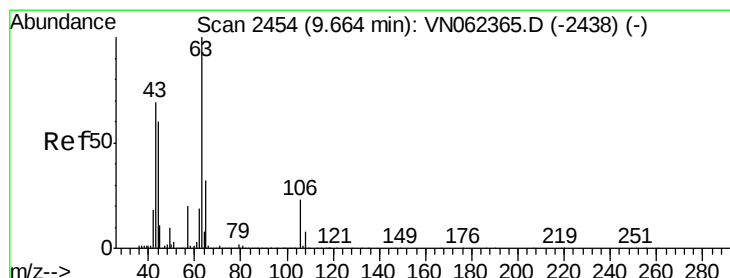
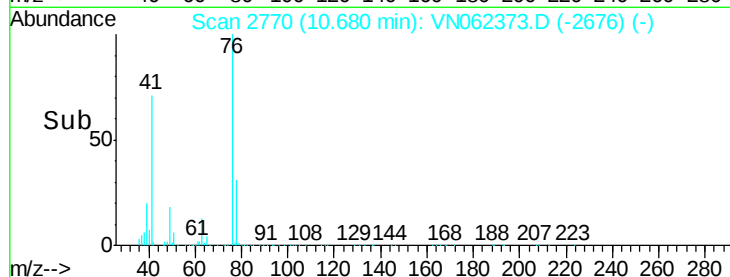
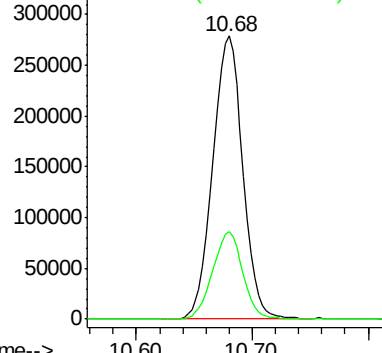
MMDadoda

7/7/2020 10:08:03 AM



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 97.703 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN062373.D

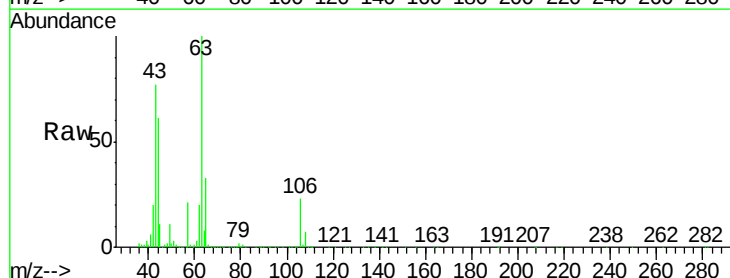
Acq: 6 Jul 2020 19:31

Tgt Ion: 63 Resp: 767060

Ion Ratio Lower Upper

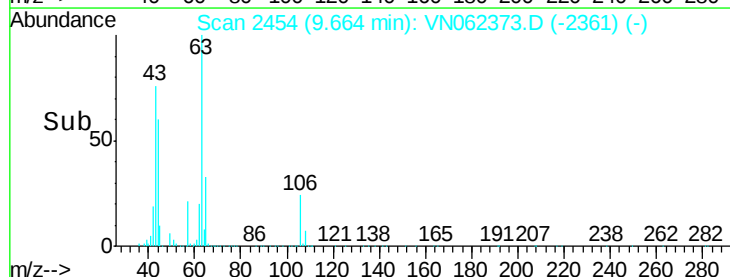
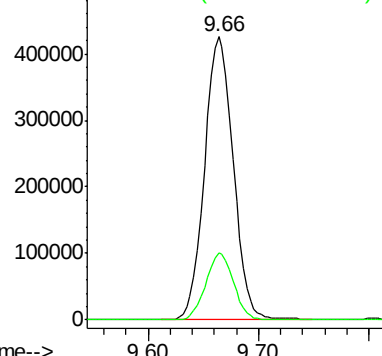
63 100

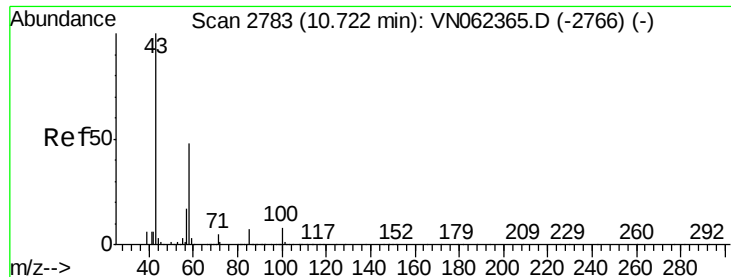
106 23.0 18.0 27.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





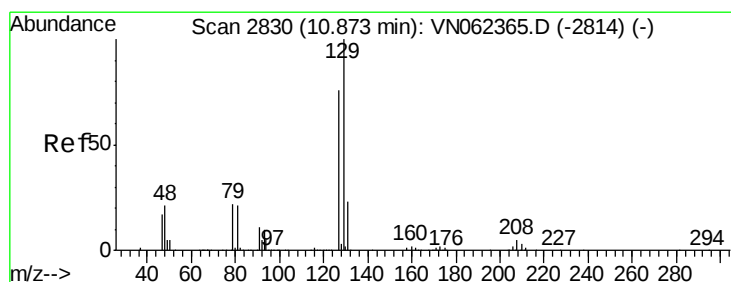
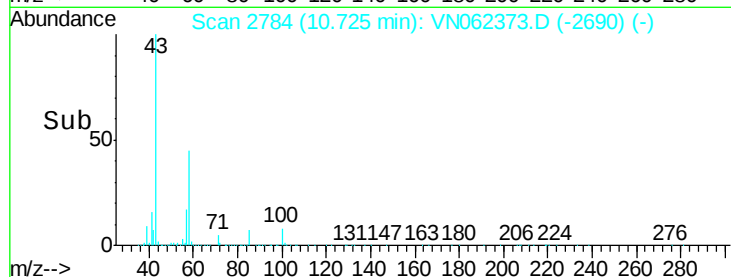
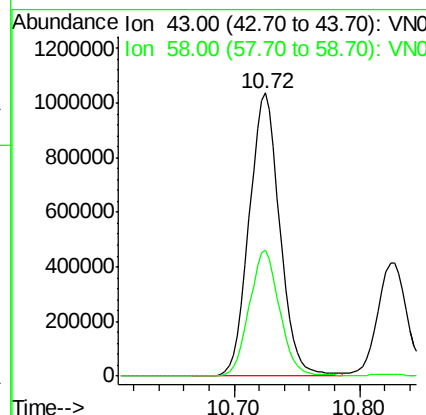
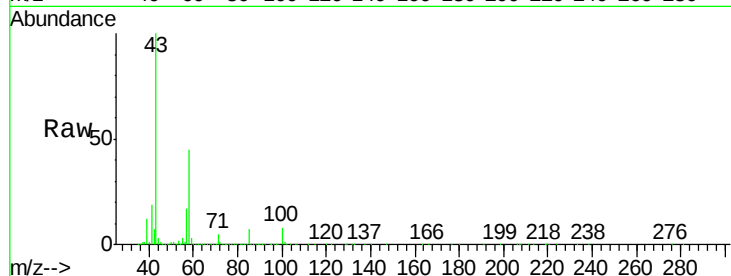
#59
2-Hexanone
Concen: 109.727 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Instrument :
MSVOA_N
ClientSampleId :
VN0706WBSD01

Tot Ion: 43 Resp: 175547
Ion Ratio Lower Upper
43 100
58 44.6 23.5 70.6

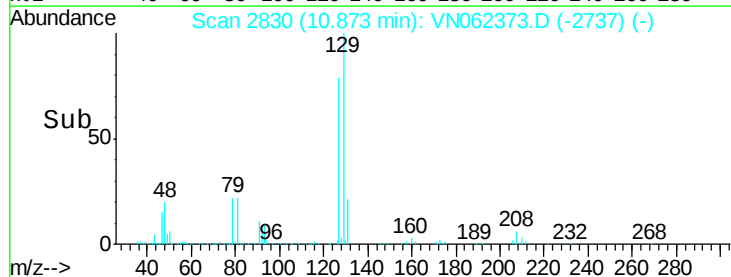
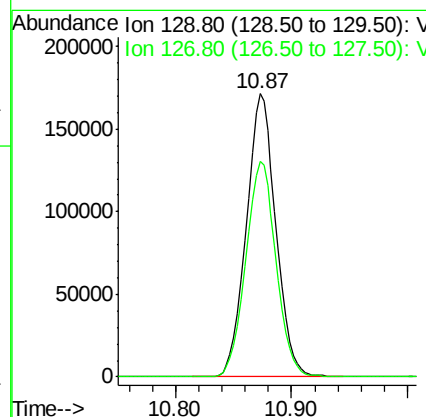
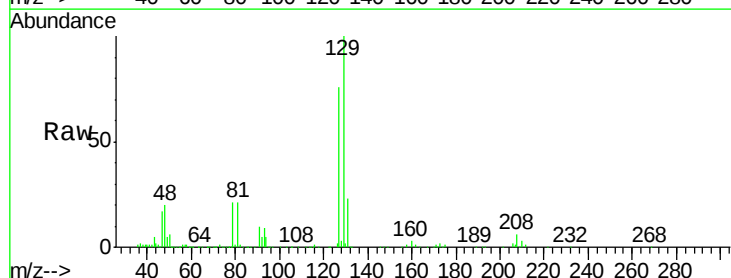
Manual Integrations
APPROVED

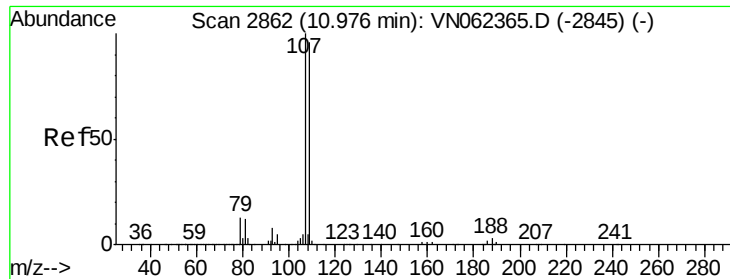
MMDadoda
7/7/2020 10:08:03 AM



#60
Dibromochloromethane
Concen: 19.633 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion: 129 Resp: 303006
Ion Ratio Lower Upper
129 100
127 78.2 38.8 116.3





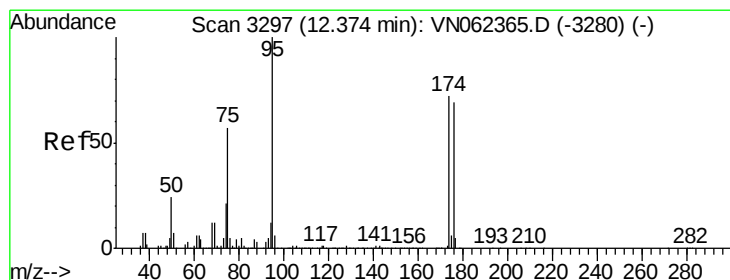
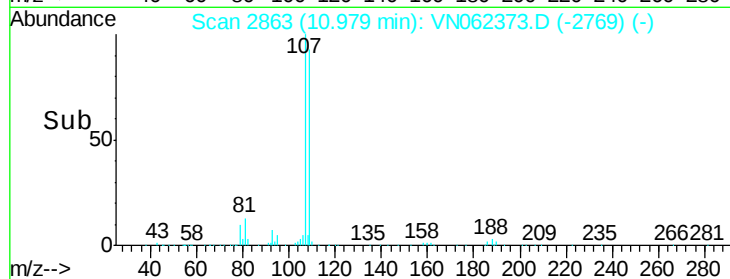
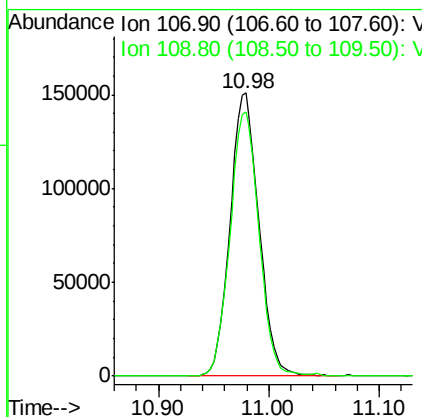
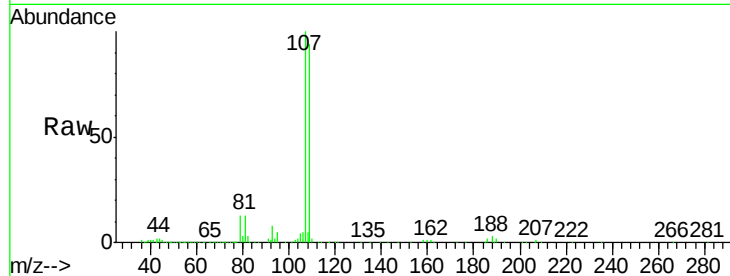
#61
 1,2-Dibromoethane
 Concen: 19.708 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062373.D
 Acq: 6 Jul 2020 19:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.5	76.4	114.6

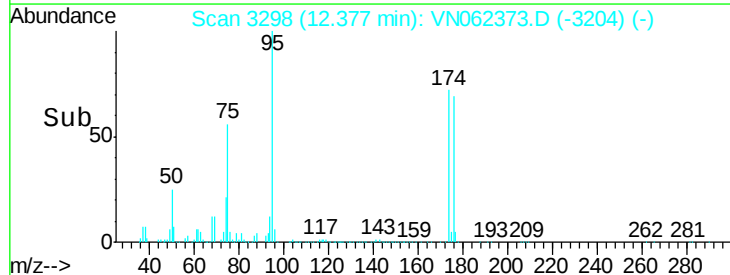
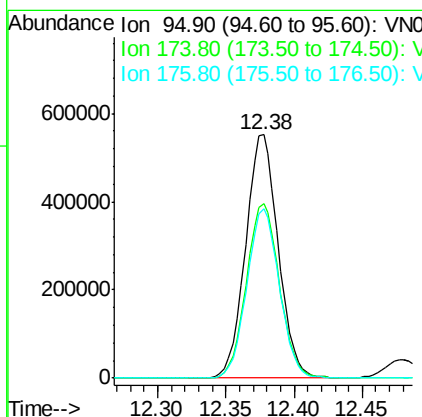
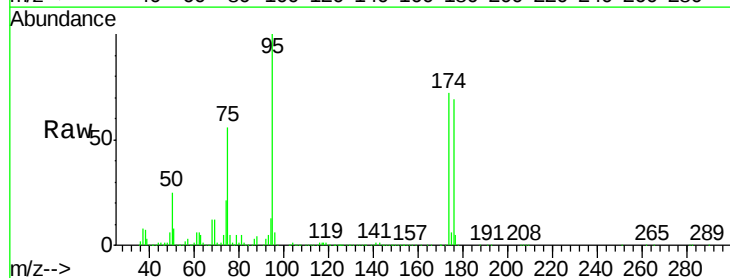
Manual Integrations
 APPROVED

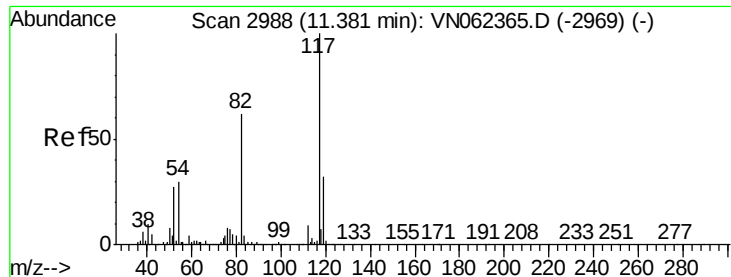
MMDadoda
 7/7/2020 10:08:03 AM



#62
 4-Bromofluorobenzene
 Concen: 49.428 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062373.D
 Acq: 6 Jul 2020 19:31

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.7	0.0	145.8
176	69.4	0.0	140.2





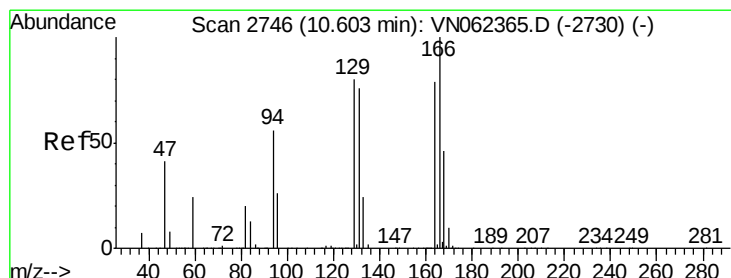
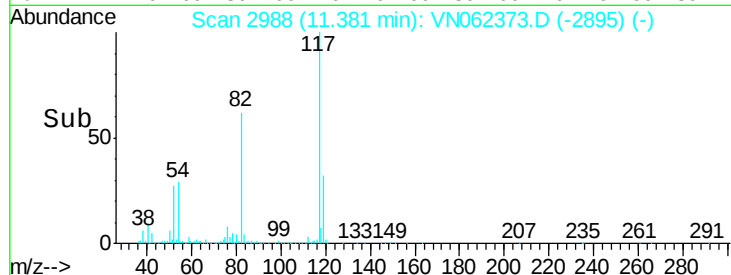
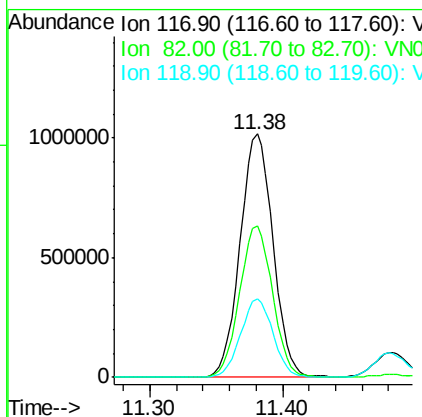
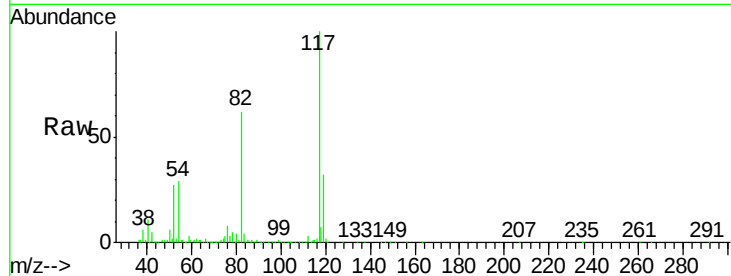
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Instrument :
MSVOA_N
ClientSampleId :
VN0706WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.0	49.4	74.2
119	32.3	25.6	38.4

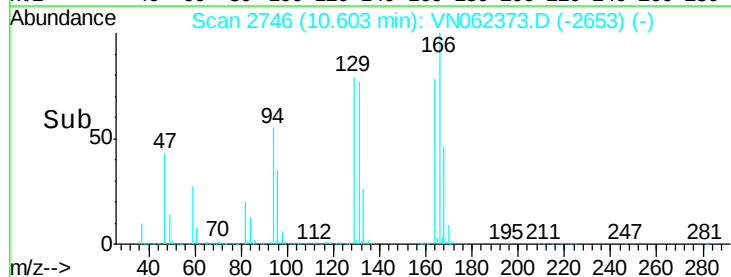
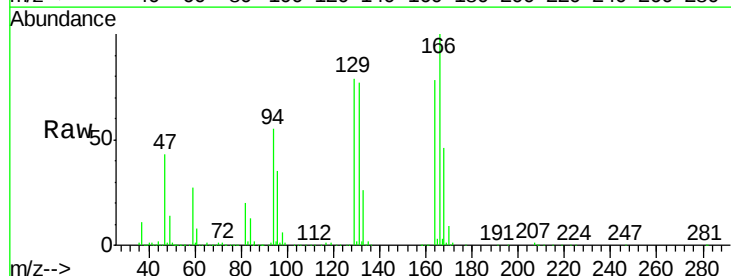
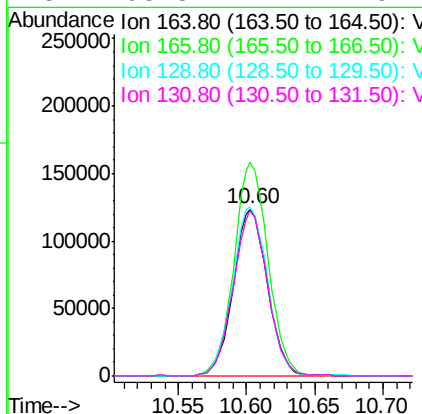
Manual Integrations
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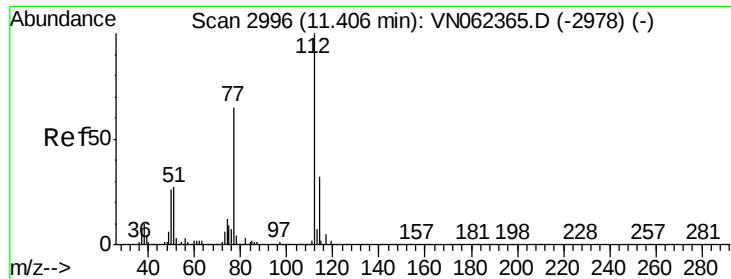
MMDadoda
7/7/2020 10:08:03 AM



#64
Tetrachloroethene
Concen: 19.067 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	101.6	152.4
129	101.6	81.4	122.2
131	98.8	77.1	115.7





#65

Chlorobenzene

Concen: 19.670 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

VN0706WBSD01

Tot Ion:112 Resp: 708217

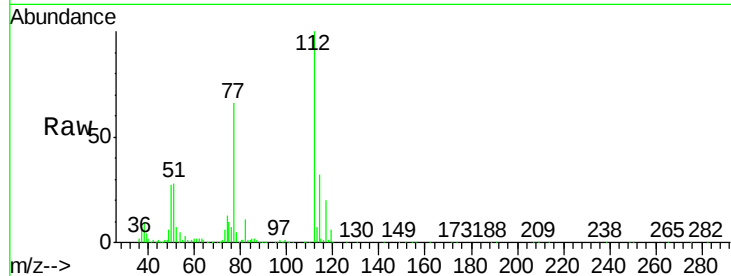
Ion Ratio Lower Upper

112 100

114 31.6 25.8 38.8

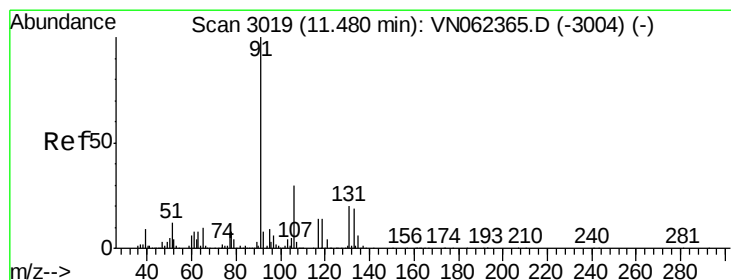
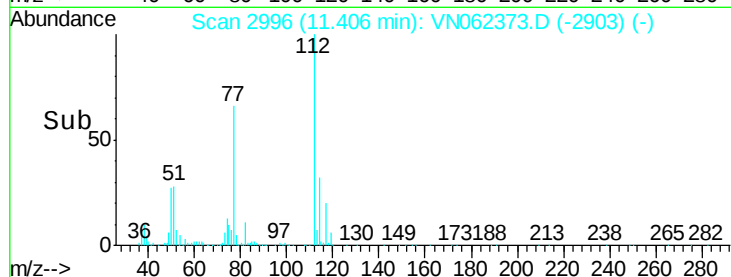
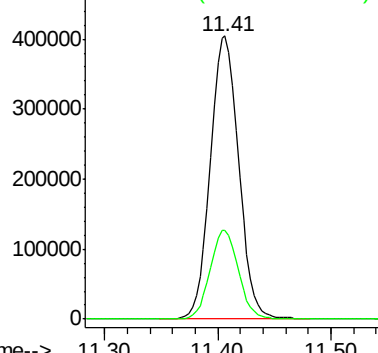
Manual Integrations
APPROVED

MMDadoda
7/7/2020 10:08:03 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.272 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

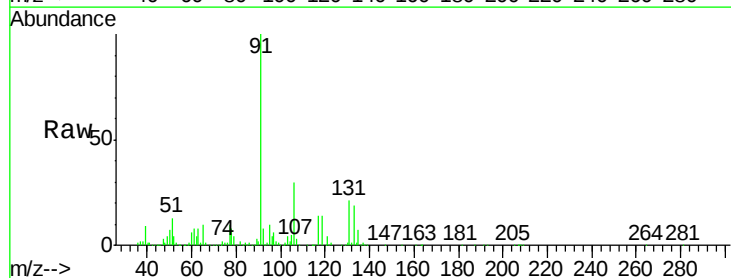
Tgt Ion:131 Resp: 274454

Ion Ratio Lower Upper

131 100

133 92.2 47.3 141.9

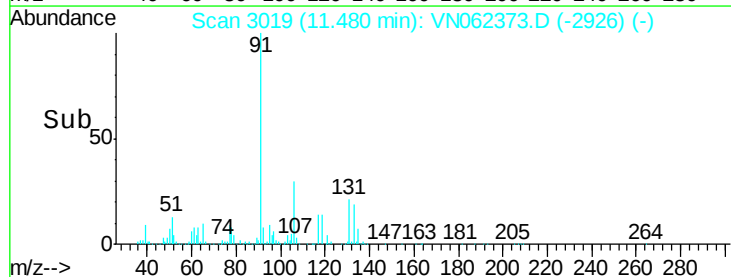
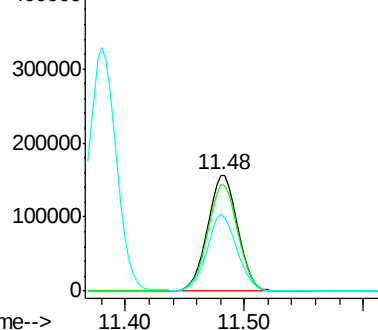
119 65.1 33.3 99.9

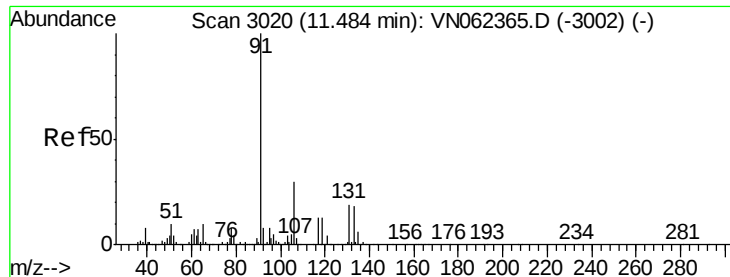


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.766 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

VN0706WBSD01

Tot Ion: 91 Resp: 1320280

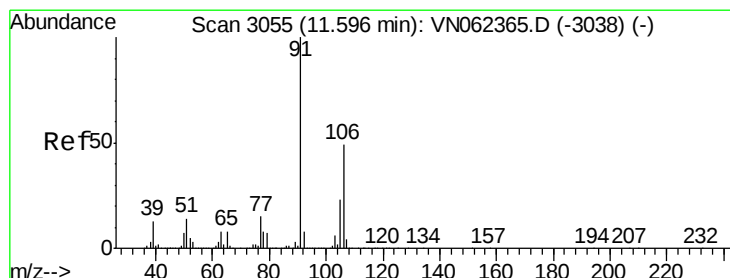
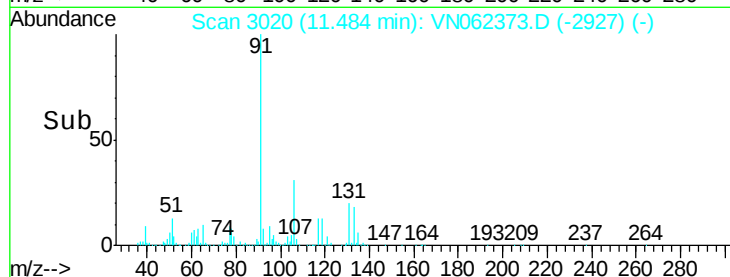
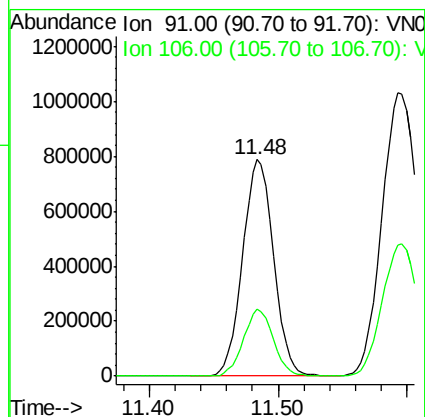
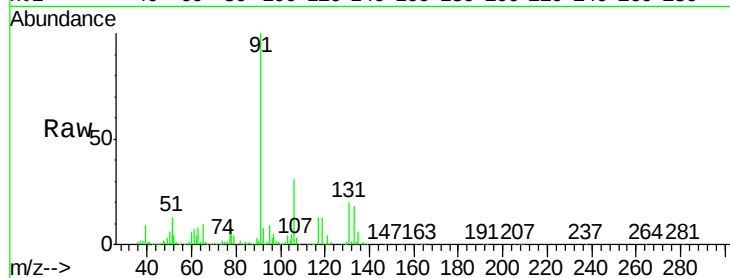
Ion Ratio Lower Upper

91 100

106 30.7 24.2 36.2

Manual Integrations
APPROVED

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#68

m/p-Xylenes

Concen: 40.061 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. -0.00 min

Lab File: VN062373.D

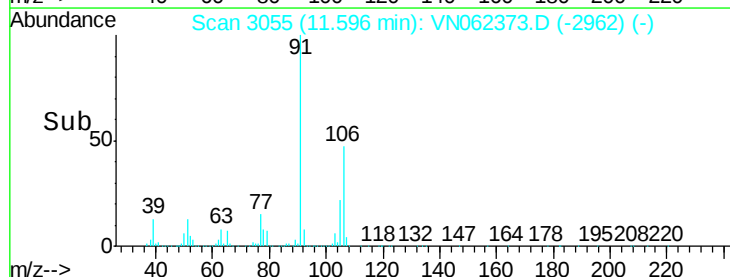
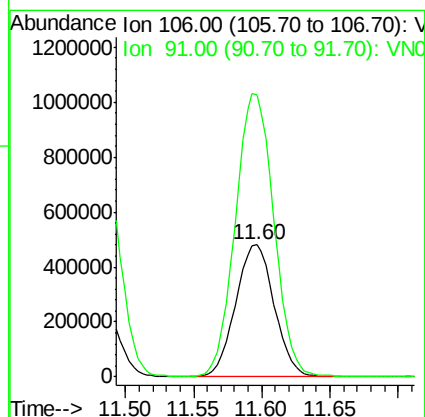
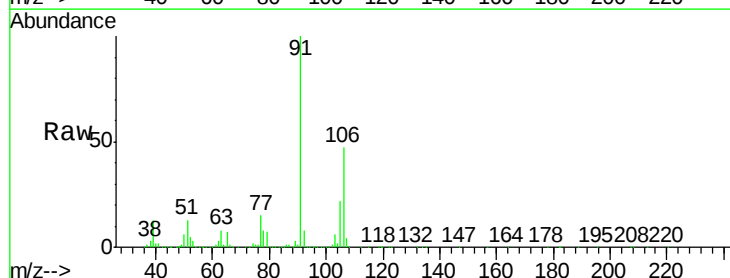
Acq: 6 Jul 2020 19:31

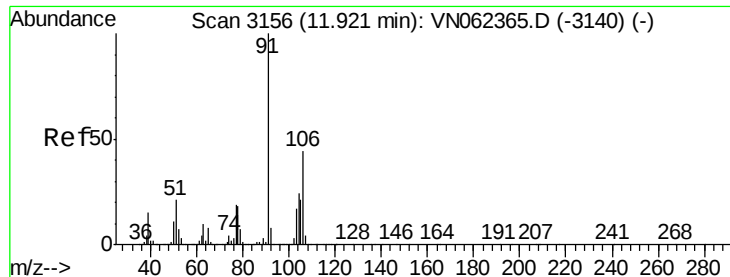
Tgt Ion: 106 Resp: 936187

Ion Ratio Lower Upper

106 100

91 215.4 165.4 248.2





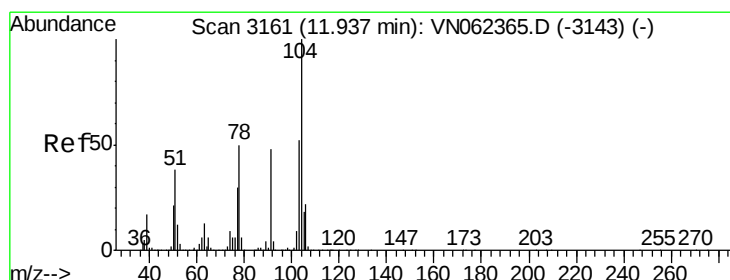
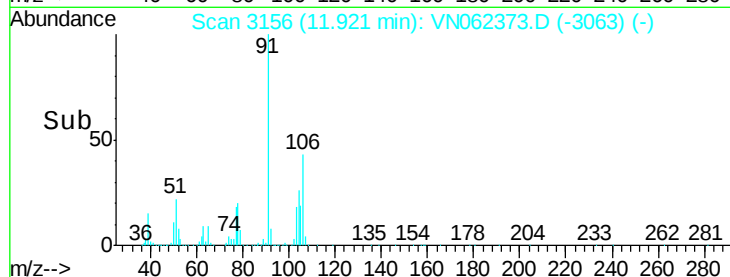
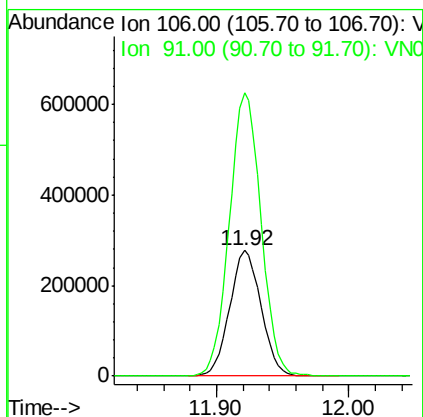
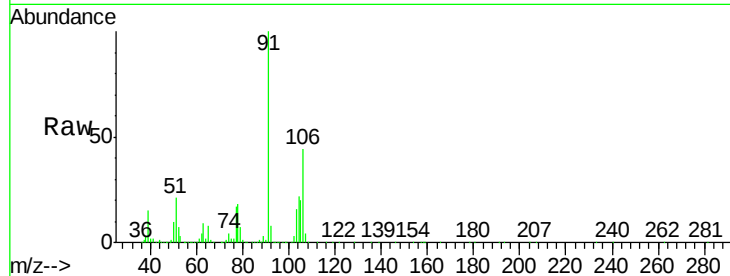
#69
o-Xylene
Concen: 19.829 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Instrument :
MSVOA_N
ClientSampled :
VN0706WBSD01

Tot Ion:106 Resp: 455784
Ion Ratio Lower Upper
106 100
91 226.9 113.1 339.4

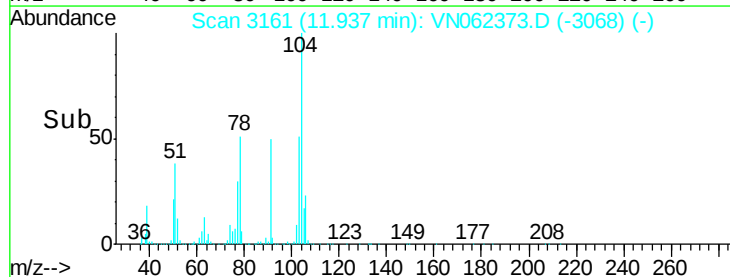
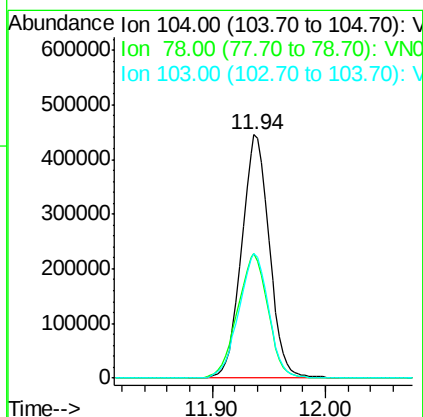
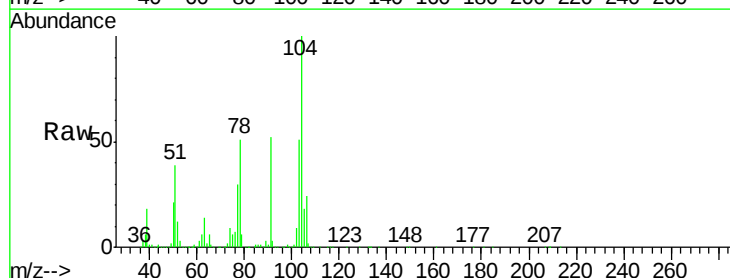
Manual Integrations
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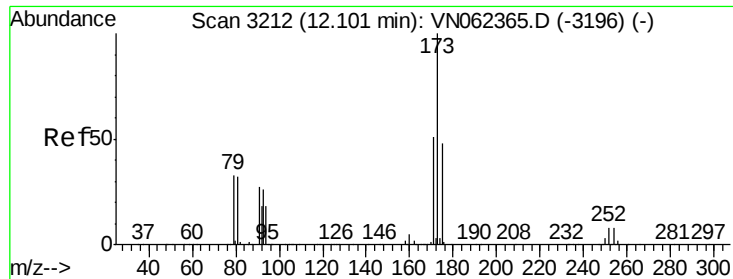
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#70
Styrene
Concen: 20.039 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion:104 Resp: 761133
Ion Ratio Lower Upper
104 100
78 56.2 44.8 67.2
103 55.2 45.0 67.4





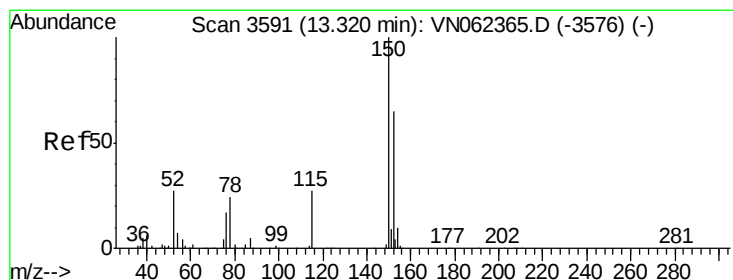
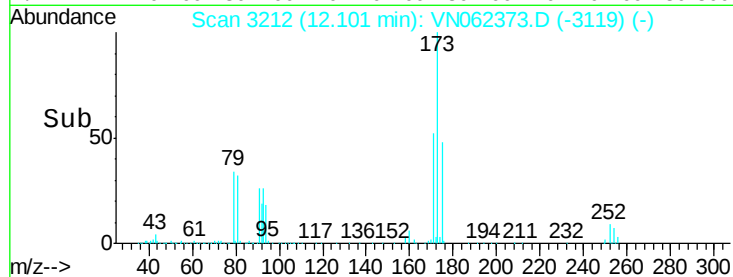
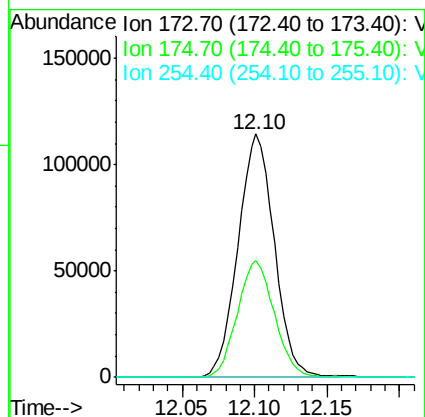
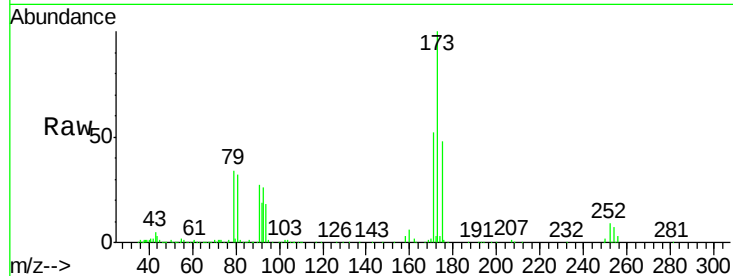
#71
Bromoform
Concen: 18.704 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Instrument :
MSVOA_N
ClientSampled :
VN0706WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.1	72.2
254	0.2	0.2	0.2

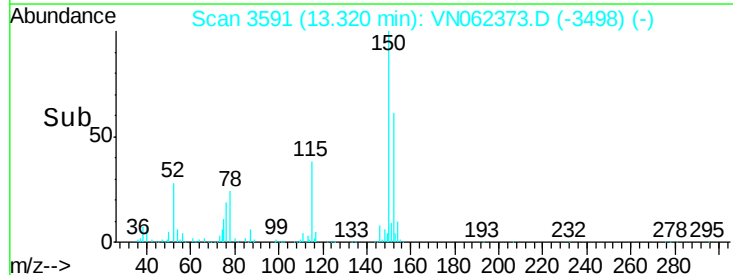
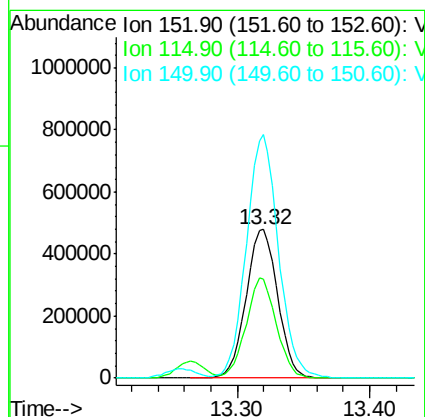
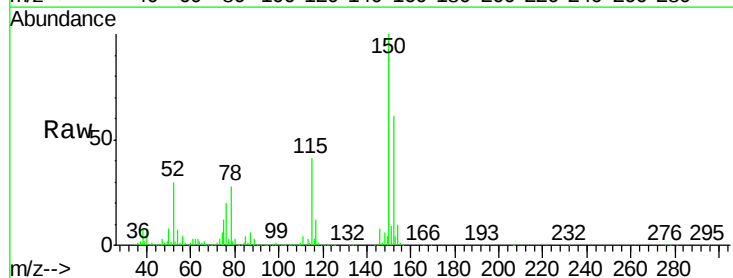
Manual Integrations
APPROVED

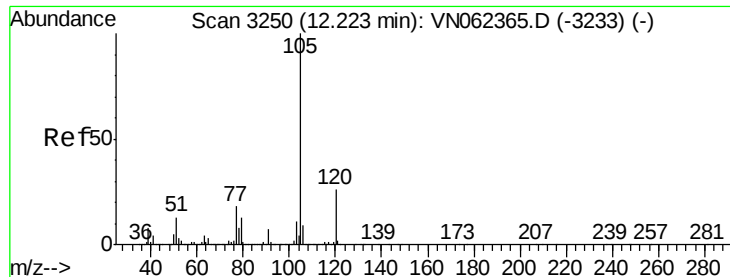
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.9	30.5	91.5
150	166.7	0.0	346.8





#73

Isopropylbenzene

Concen: 19.844 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

VN0706WBSD01

Tot Ion:105 Resp: 1255558

Ion Ratio Lower Upper

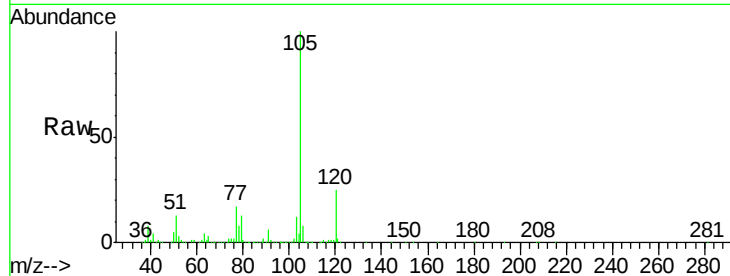
105 100

120 25.6 12.8 38.3

Manual Integrations
APPROVED

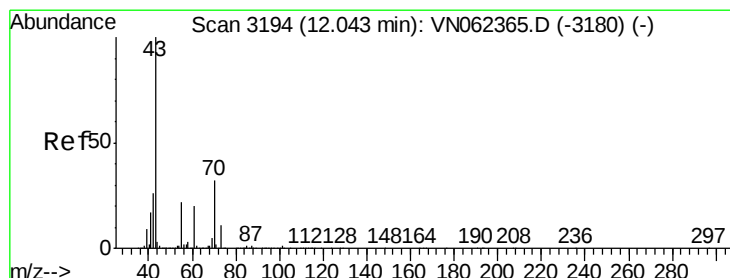
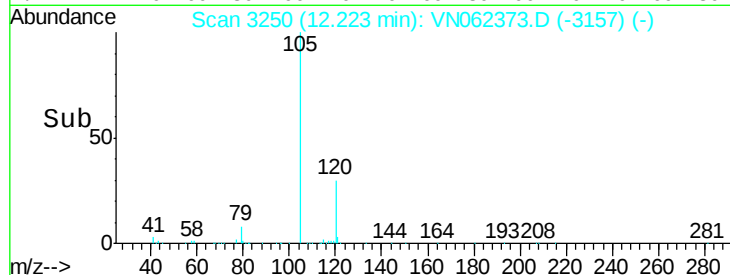
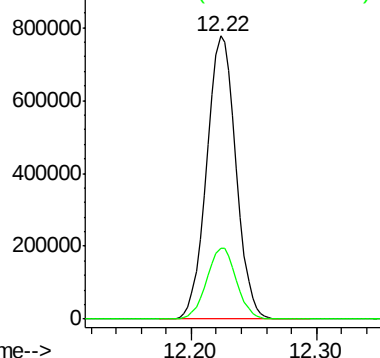
MMDadoda

7/7/2020 10:08:03 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.764 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Tgt Ion: 43 Resp: 653432

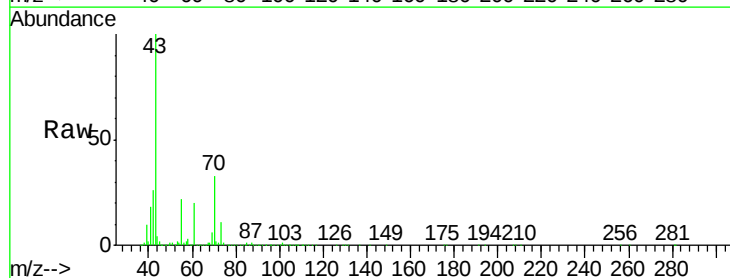
Ion Ratio Lower Upper

43 100

70 32.6 25.9 38.9

55 22.0 17.4 26.0

61 19.2 15.6 23.4

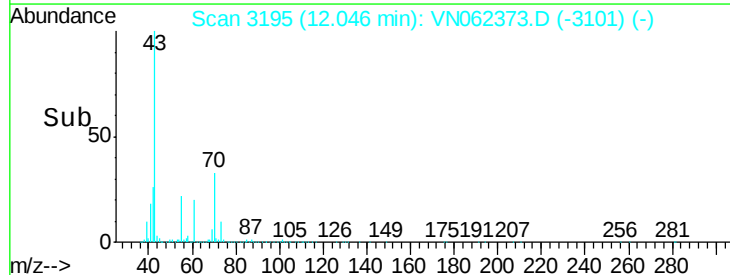
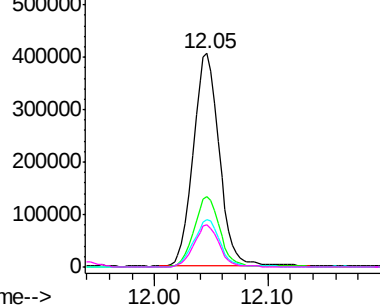


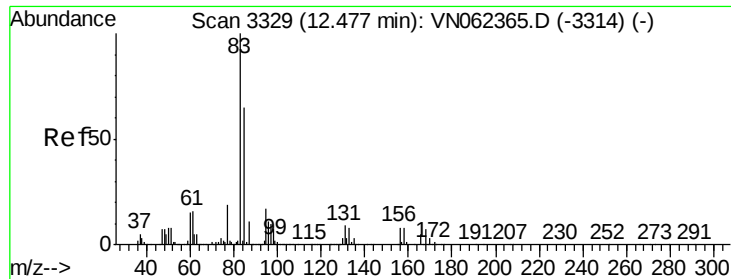
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.860 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

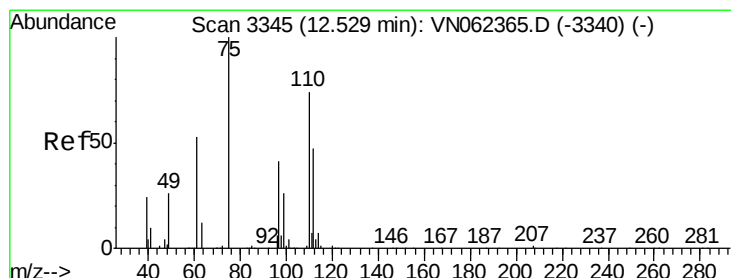
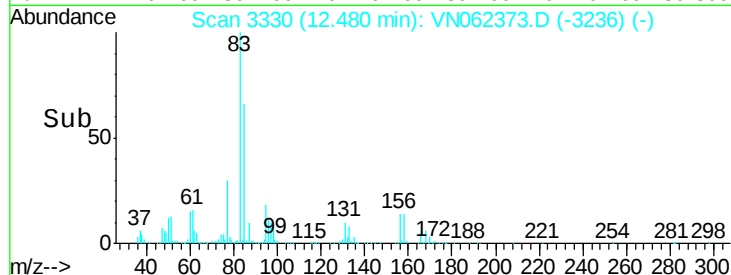
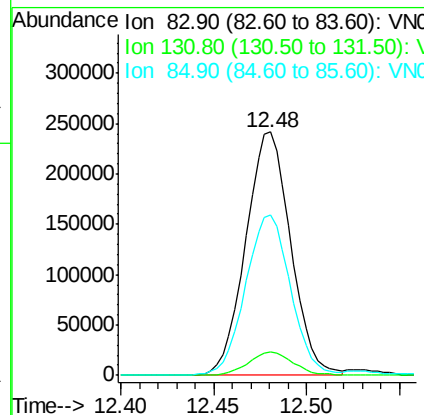
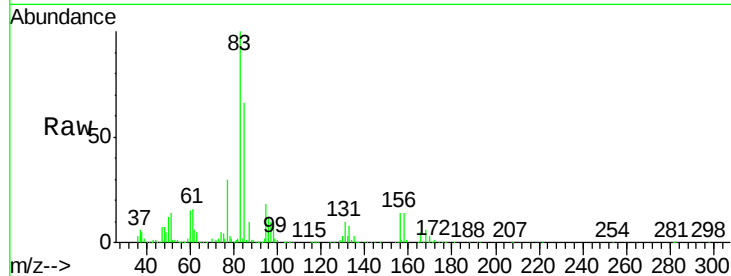
ClientSampleId :

VN0706WBSD01

Tot Ion:	83	Resp:	406777
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.8	14.3
85	66.1	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.604 ug/l m

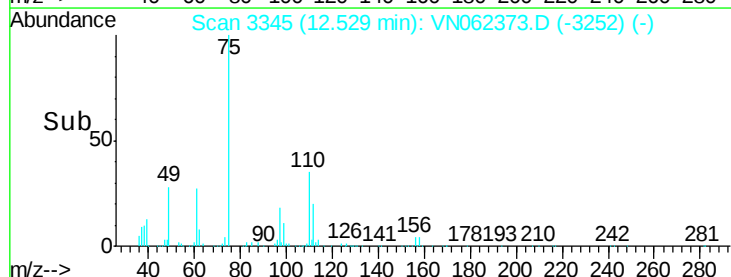
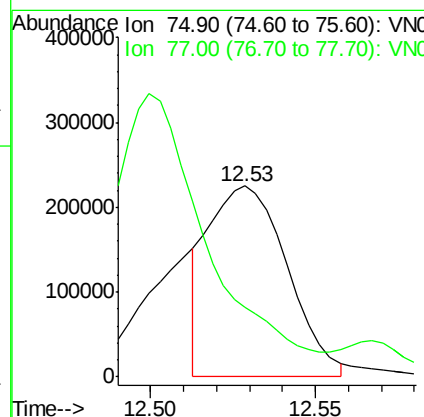
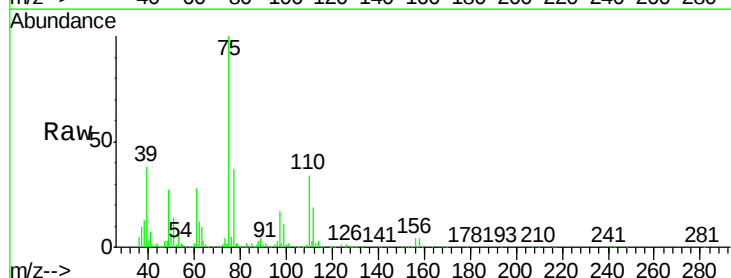
RT: 12.53 min Scan# 3345

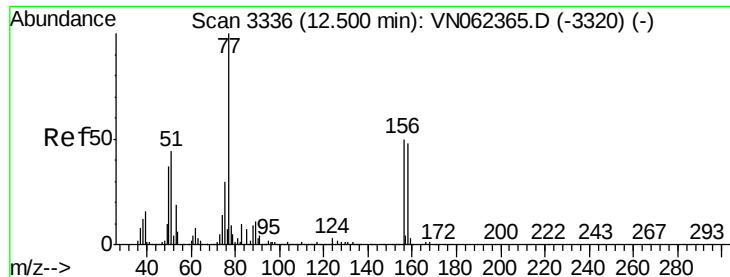
Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Tgt Ion:	75	Resp:	374860
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.668 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

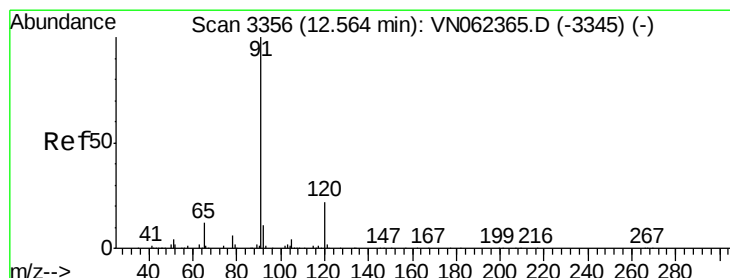
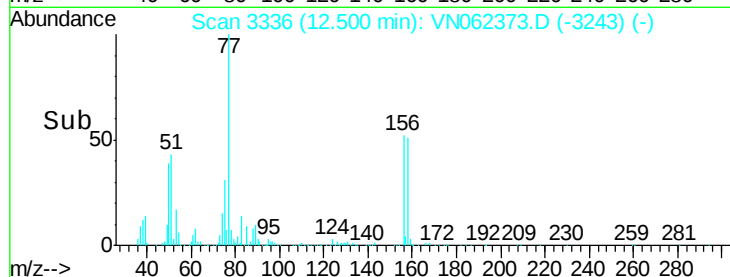
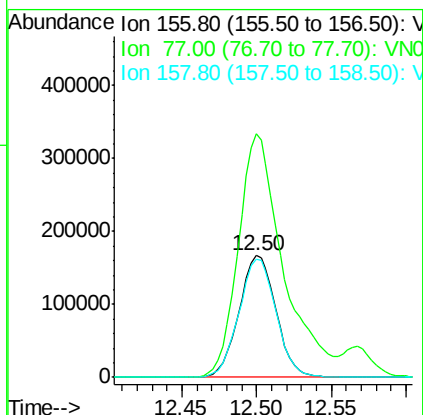
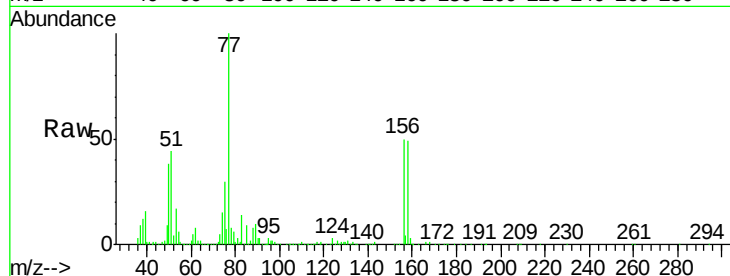
ClientSampleId :

VN0706WBSD01

Tot Ion:	156	Resp:	286057
Ion Ratio	Lower	Upper	
156	100		
77	240.9	123.3	369.8
158	98.3	49.6	148.8

Manual Integrations
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#78

n-propylbenzene

Concen: 19.503 ug/l

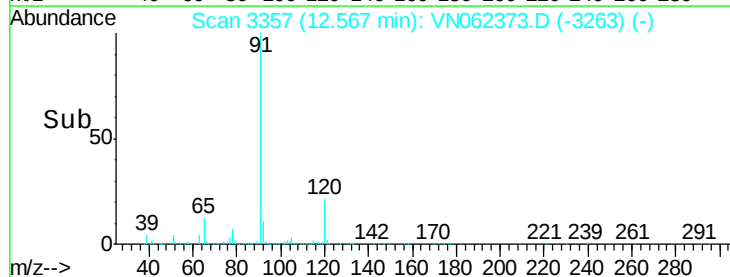
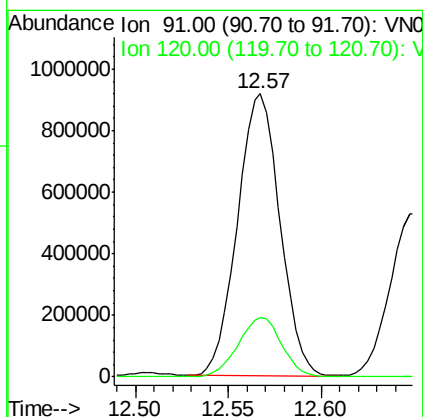
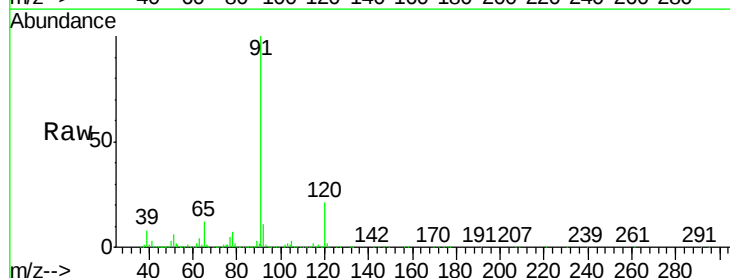
RT: 12.57 min Scan# 3357

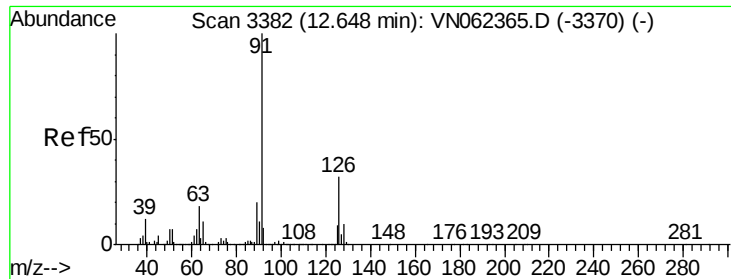
Delta R.T. 0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Tgt Ion:	91	Resp:	1455772
Ion Ratio	Lower	Upper	
91	100		
120	21.5	10.9	32.6





#79

2-Chlorotoluene

Concen: 20.691 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

VN0706WBSD01

Tot Ion: 91 Resp: 879747

Ion Ratio Lower Upper

91 100

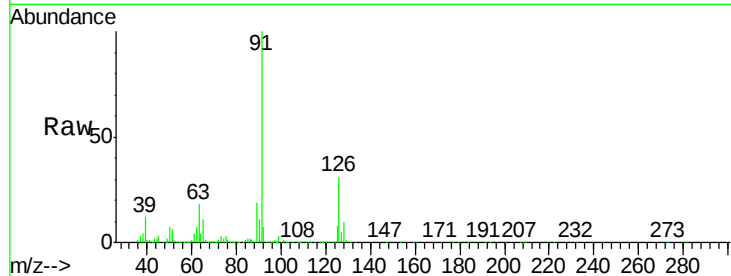
126 30.8 15.8 47.4

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN062365.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062365.D (-3370) (-)

1000000

800000

600000

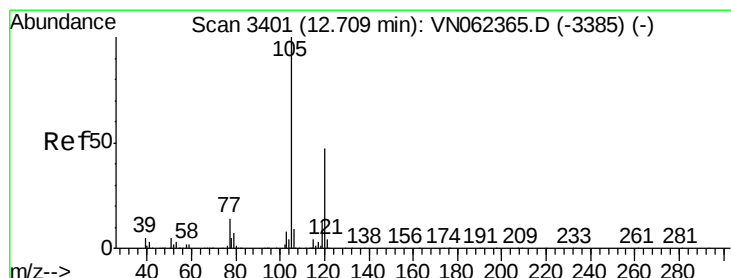
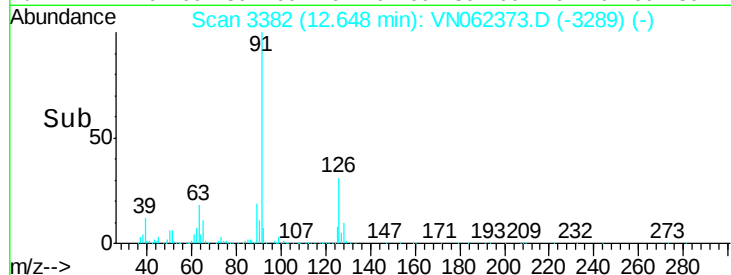
400000

200000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.032 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062373.D

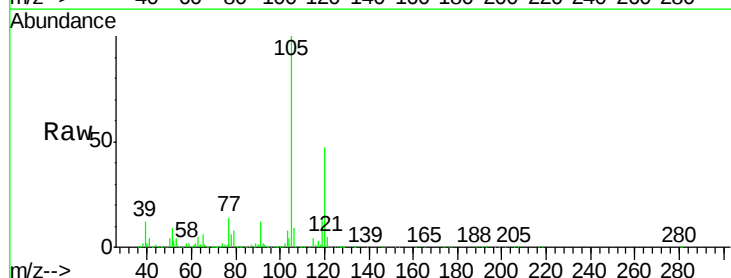
Acq: 6 Jul 2020 19:31

Tgt Ion: 105 Resp: 1035872

Ion Ratio Lower Upper

105 100

120 46.1 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062365.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN062365.D (-3385) (-)

600000

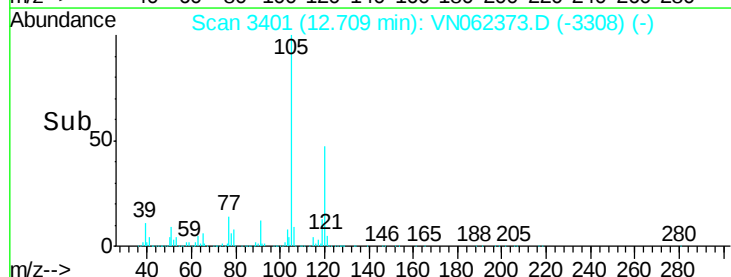
400000

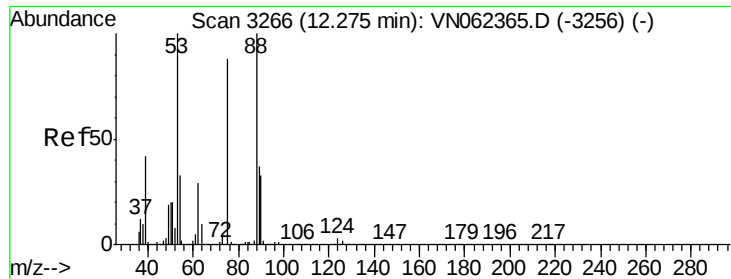
200000

0

12.65 12.70 12.75 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.366 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

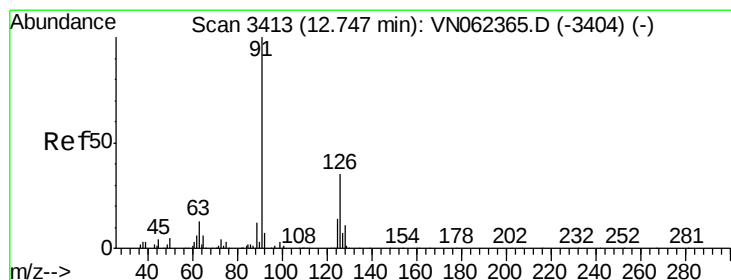
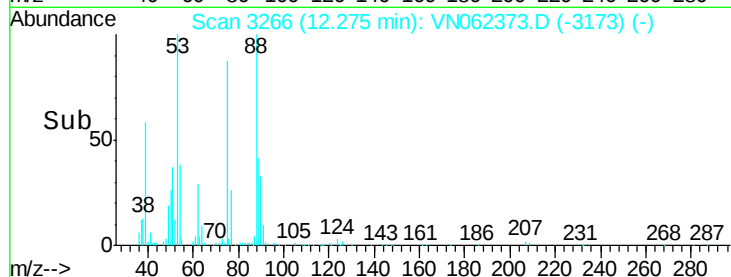
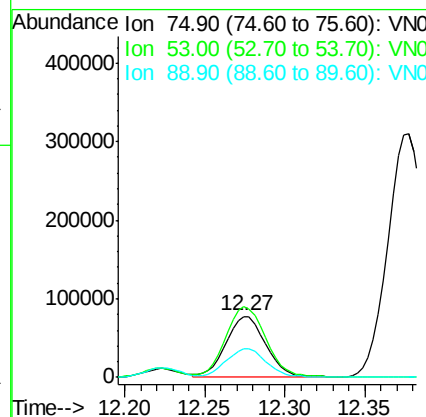
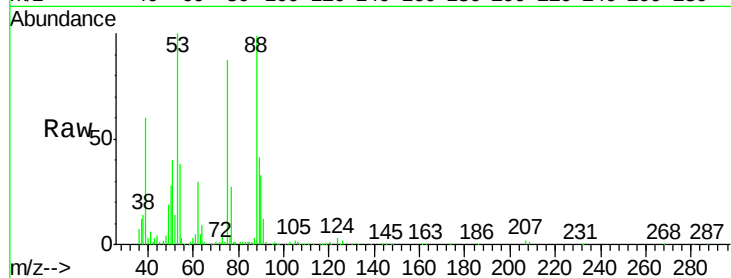
ClientSampleId :

VN0706WBSD01

Tot Ion:	75	Resp:	129498
Ion Ratio	Lower	Upper	
75	100		
53	116.3	92.3	138.5
89	47.3	37.0	55.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.556 ug/l

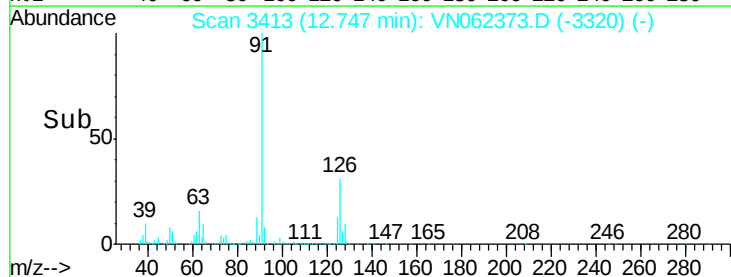
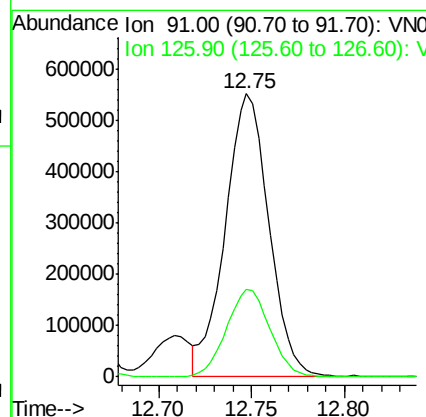
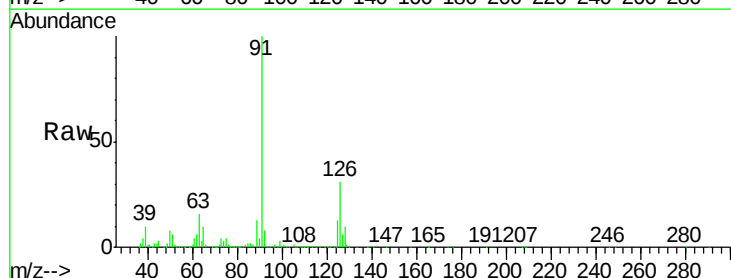
RT: 12.75 min Scan# 3413

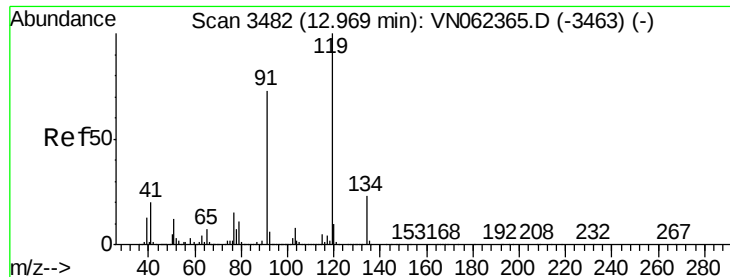
Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Tgt Ion:	91	Resp:	893946
Ion Ratio	Lower	Upper	
91	100		
126	30.9	15.6	46.7





#83

tert-Butylbenzene

Concen: 20.893 ug/l

RT: 12.97 min Scan# 3482

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

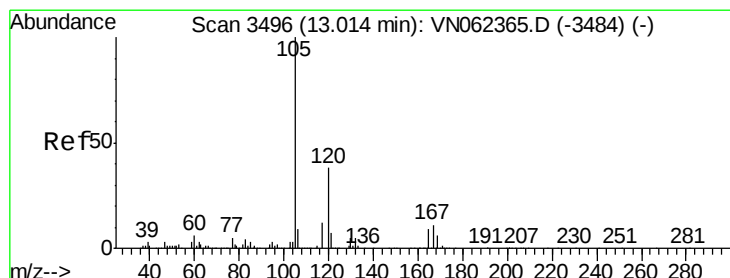
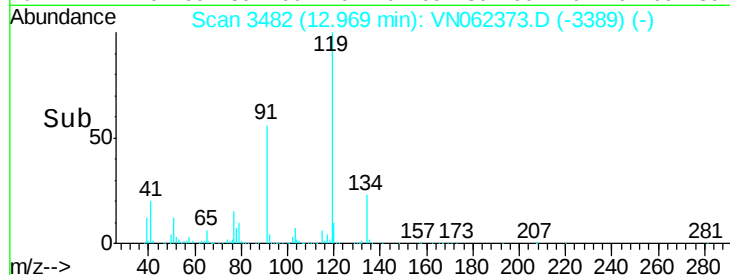
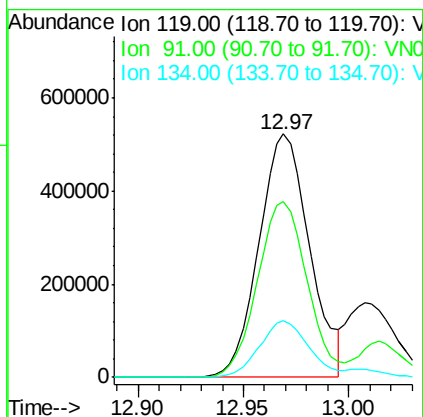
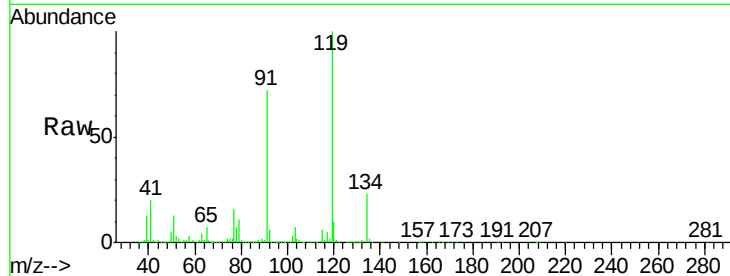
ClientSampled :

VN0706WBSD01

Tot Ion:	119	Resp:	872046
Ion Ratio	Lower	Upper	
119	100		
91	71.1	36.4	109.1
134	23.0	11.7	35.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.921 ug/l

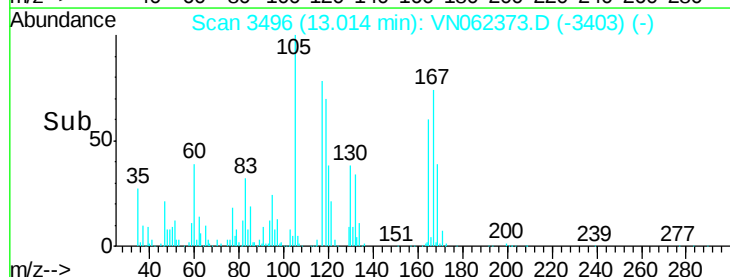
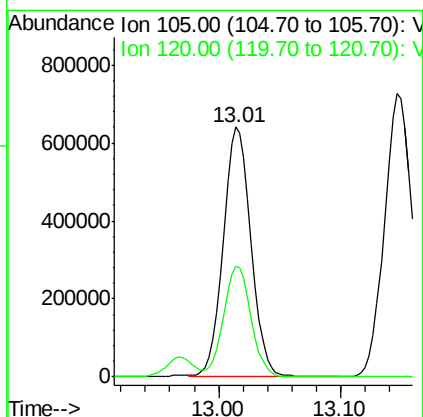
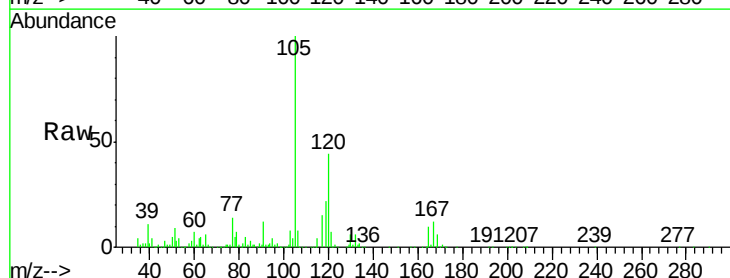
RT: 13.01 min Scan# 3496

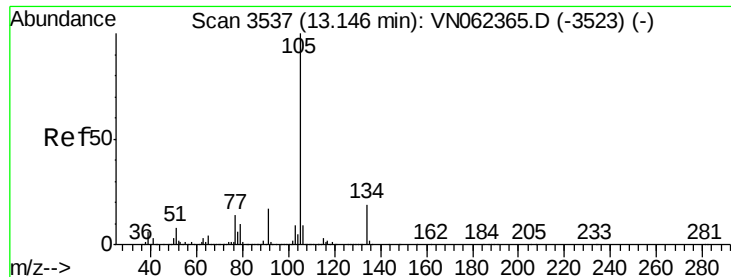
Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Tgt Ion:	105	Resp:	1018572
Ion Ratio	Lower	Upper	
105	100		
120	43.6	22.1	66.3





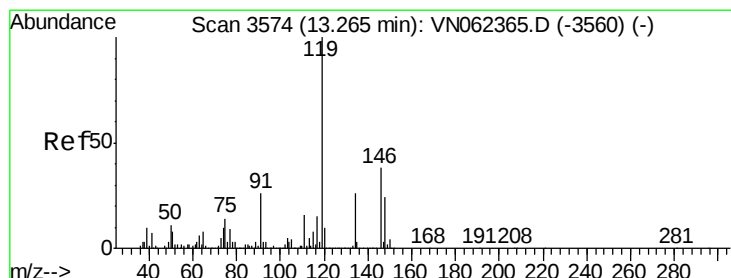
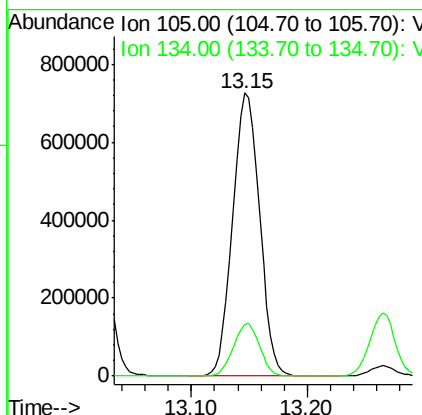
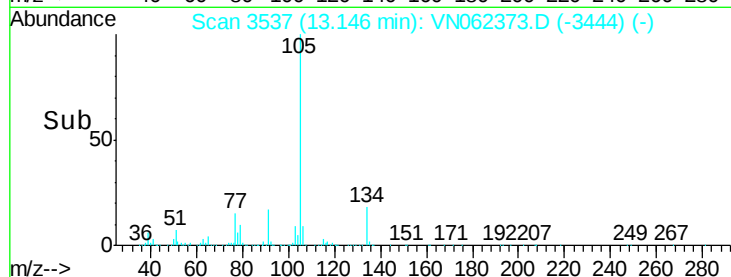
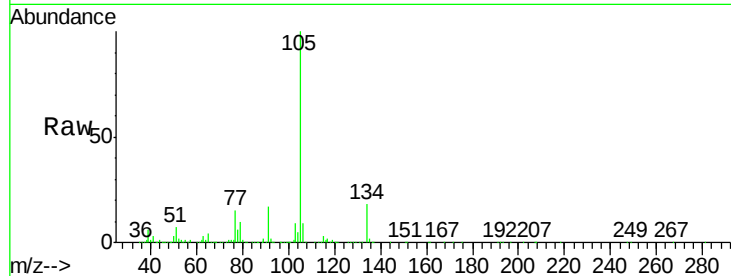
#85
 sec-Butylbenzene
 Concen: 21.714 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062373.D
 Acq: 6 Jul 2020 19:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBSD01

Tot Ion:105 Resp: 1160927
 Ion Ratio Lower Upper
 105 100
 134 18.2 9.4 28.2

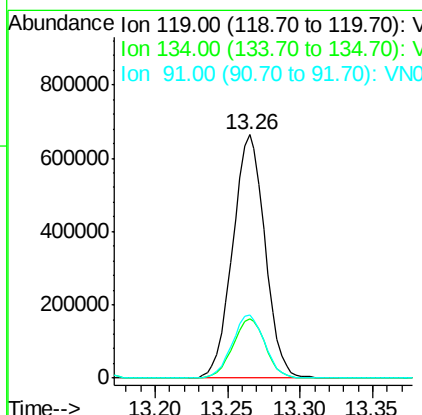
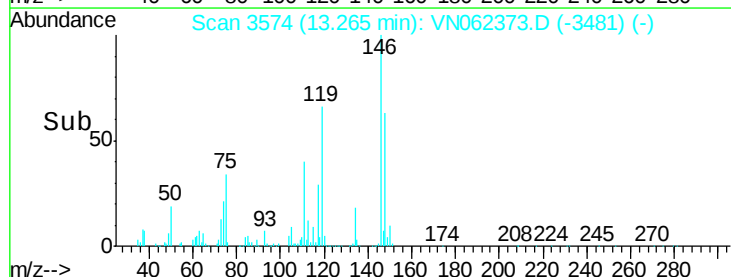
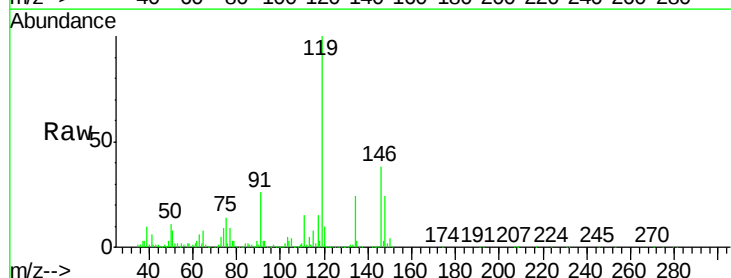
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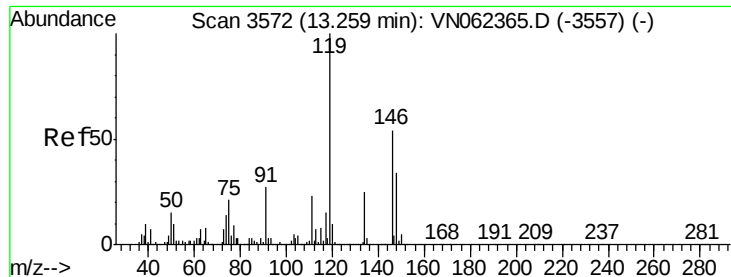
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#86
 p-Isopropyltoluene
 Concen: 21.202 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062373.D
 Acq: 6 Jul 2020 19:31

Tgt Ion:119 Resp: 1021645
 Ion Ratio Lower Upper
 119 100
 134 24.3 12.7 38.1
 91 26.0 13.1 39.3





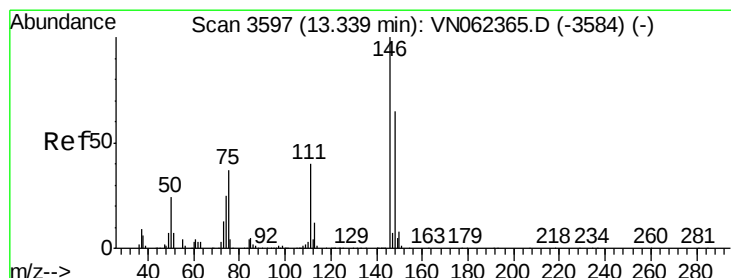
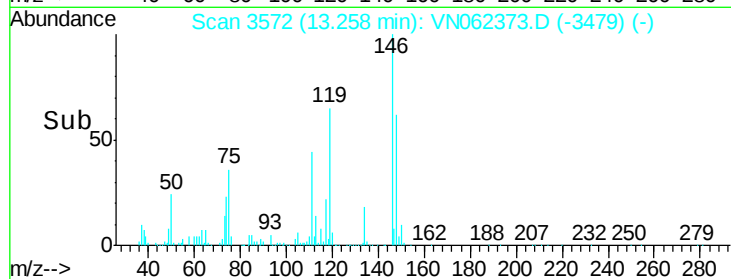
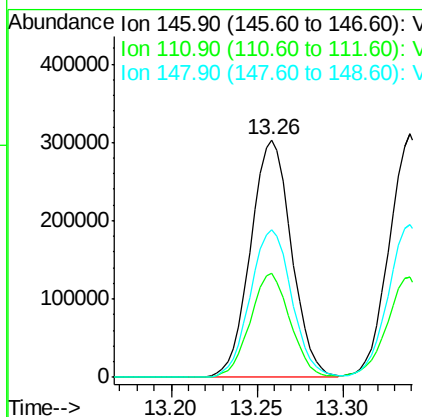
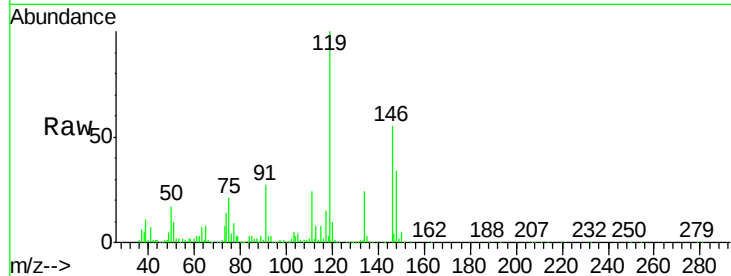
#87
1,3-Dichlorobenzene
Concen: 20.095 ug/l
RT: 13.26 min Scan# 3572
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Instrument :
MSVOA_N
ClientSampleId :
VN0706WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	42.8	21.3	63.9	
148	63.2	31.6	95.0	

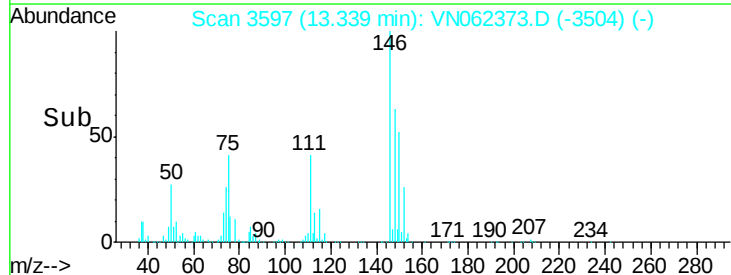
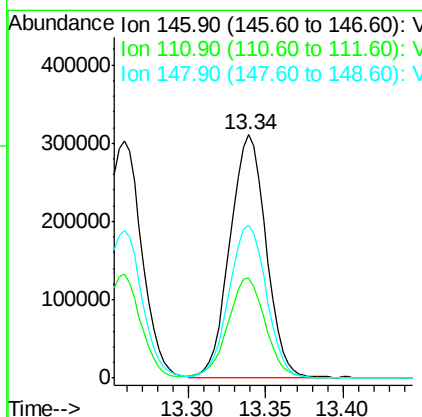
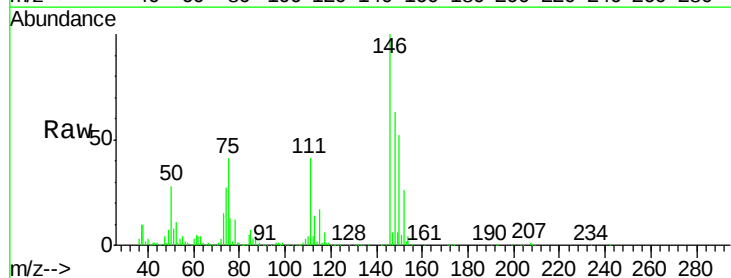
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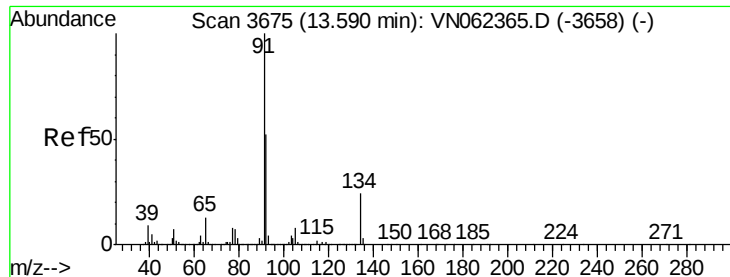
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#88
1,4-Dichlorobenzene
Concen: 19.450 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	42.5	20.6	61.8	
148	65.3	31.8	95.4	





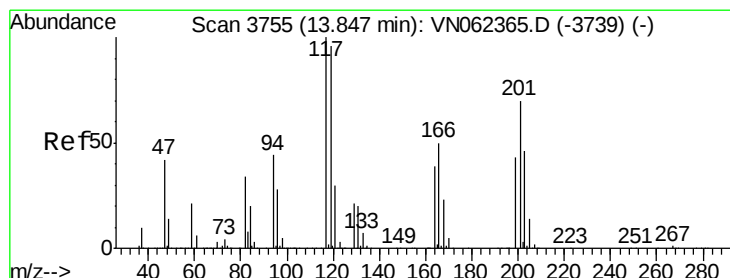
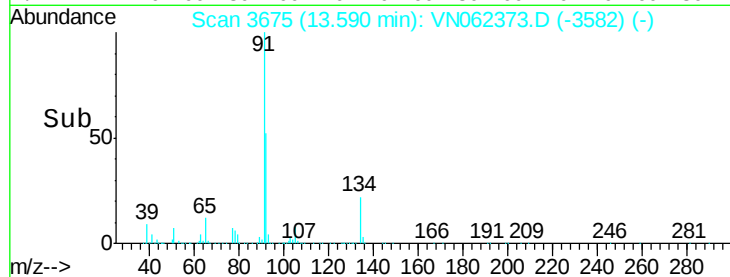
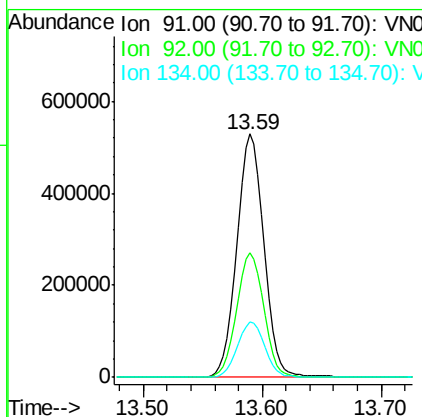
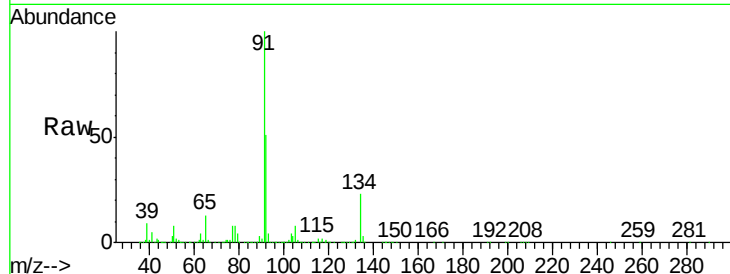
#89
n-Butylbenzene
Concen: 20.074 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Instrument :
MSVOA_N
ClientSampled :
VN0706WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.2	25.7	77.1
134	23.3	11.7	35.1

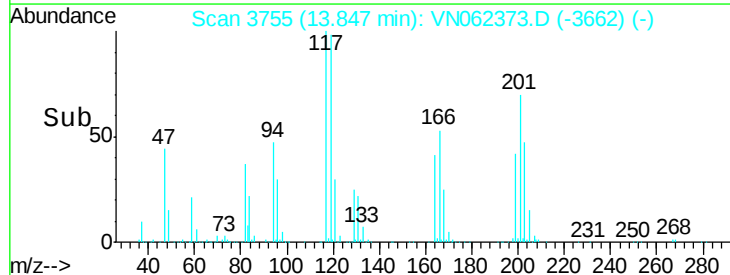
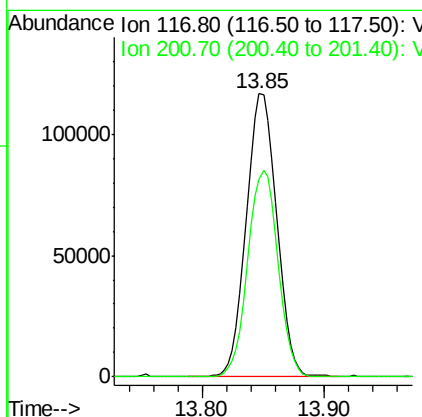
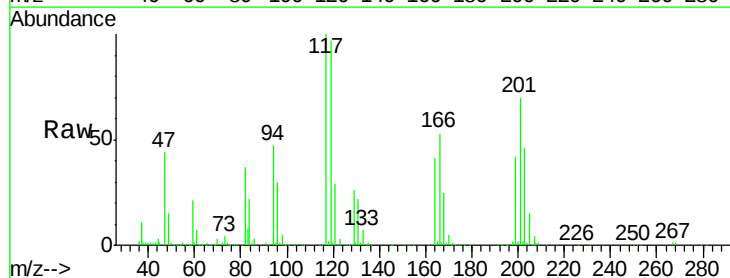
Manual Integrations
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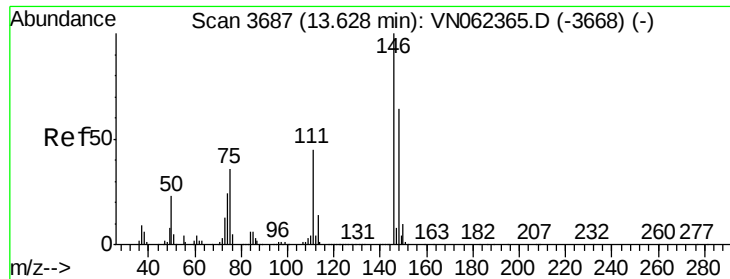
MMDadoda
7/7/2020 10:08:03 AM



#90
Hexachloroethane
Concen: 19.455 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.1	35.4	106.2





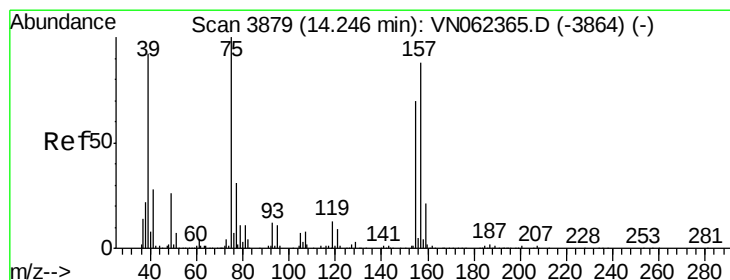
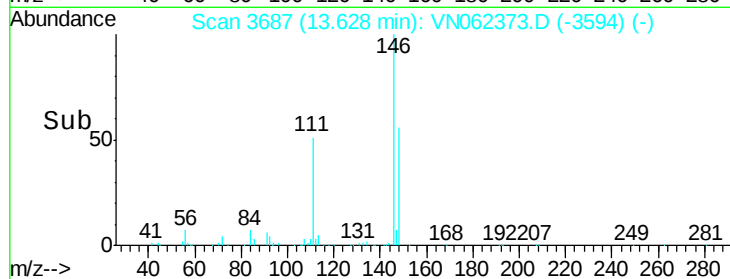
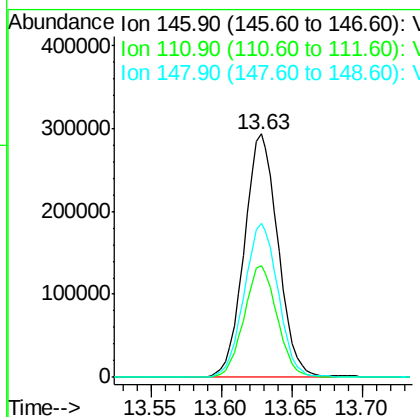
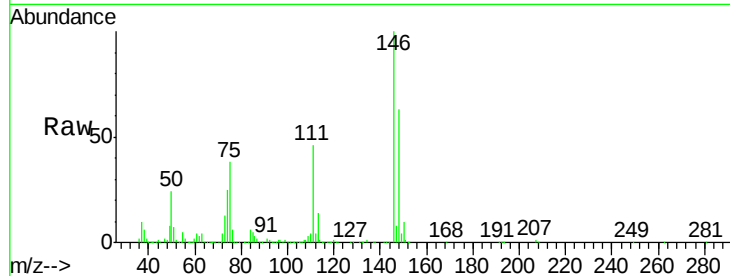
#91
 1,2-Dichlorobenzene
 Concen: 20.590 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062373.D
 Acq: 6 Jul 2020 19:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.1	22.3	66.9
148	64.0	32.4	97.0

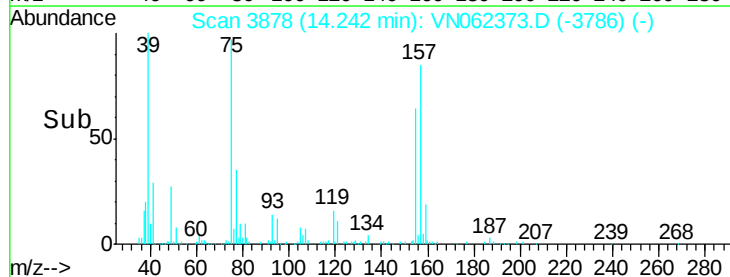
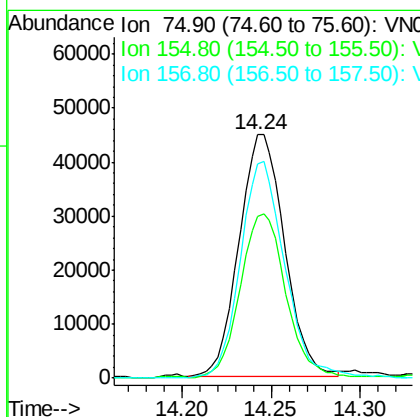
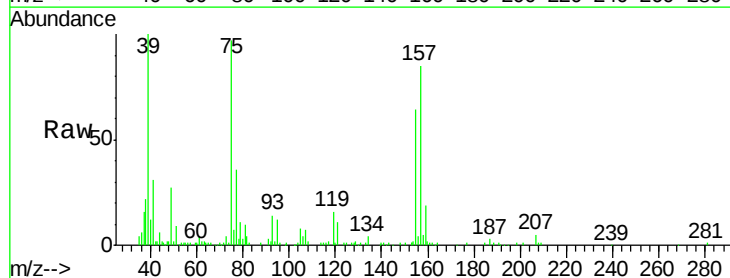
Manual Integrations
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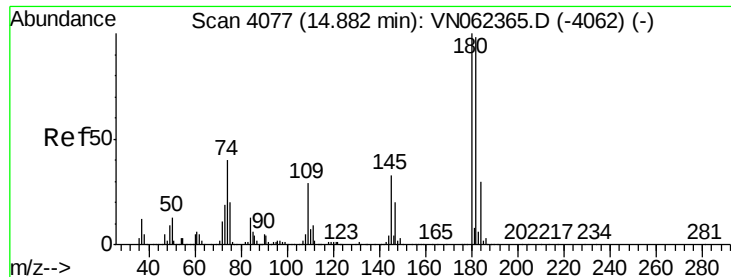
MMDadoda
 7/7/2020 10:08:03 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.646 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062373.D
 Acq: 6 Jul 2020 19:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.9	34.1	102.2
157	88.8	43.3	129.8





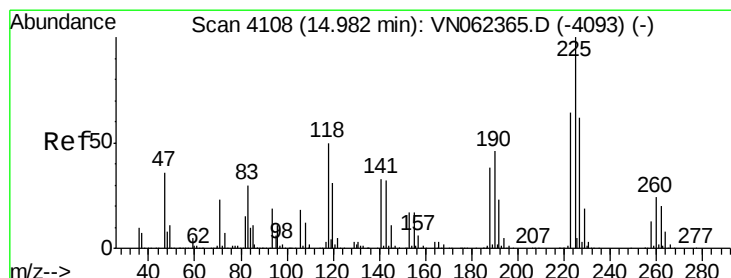
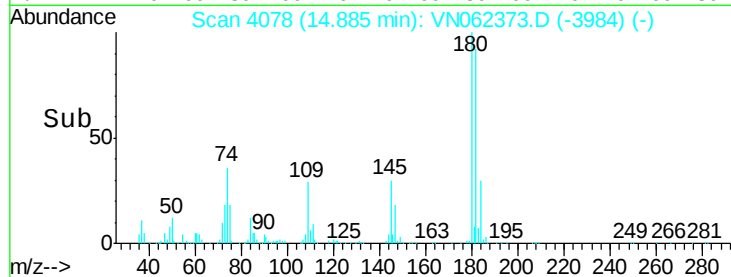
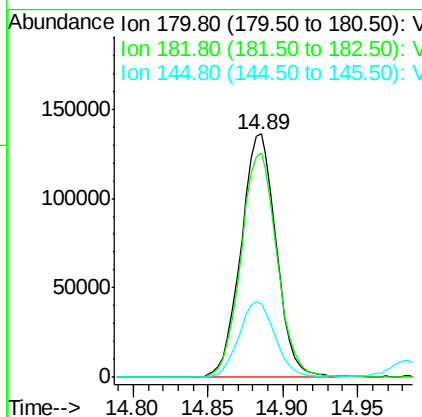
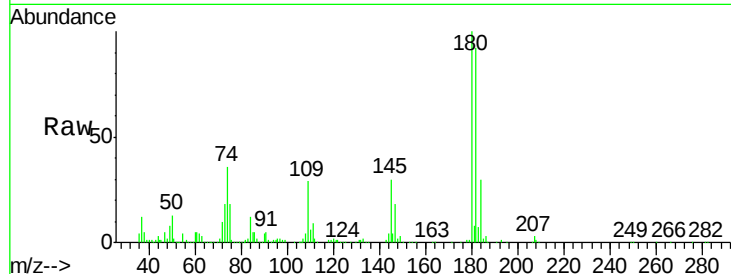
#93
1,2,4-Trichlorobenzene
Concen: 19.341 ug/l
RT: 14.89 min Scan# 4078
Delta R.T. 0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Instrument :
MSVOA_N
ClientSampled :
VN0706WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	222828		
182	93.9	47.6	142.8	
145	32.2	15.9	47.7	

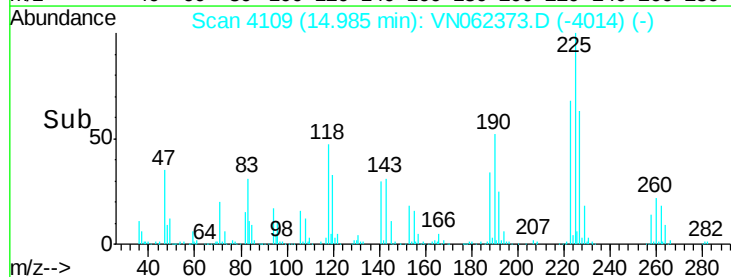
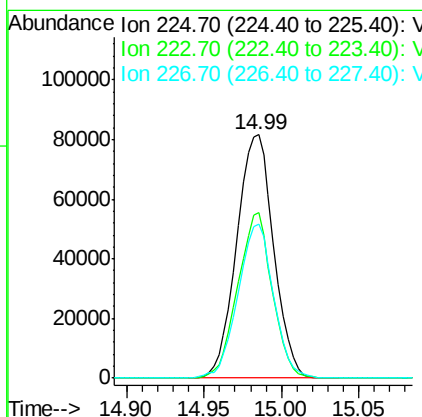
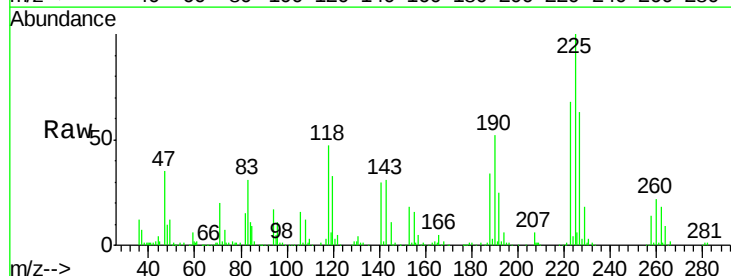
Manual Integrations
APPROVED

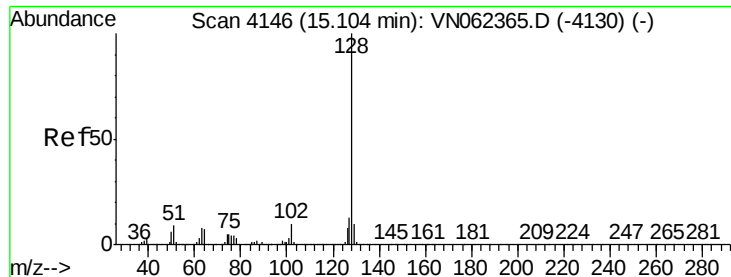
MMDadoda
7/7/2020 10:08:03 AM



#94
Hexachlorobutadiene
Concen: 20.792 ug/l
RT: 14.99 min Scan# 4109
Delta R.T. 0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	135528		
223	63.3	31.7	95.1	
227	60.9	30.3	90.8	





#95

Naphthalene

Concen: 19.635 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

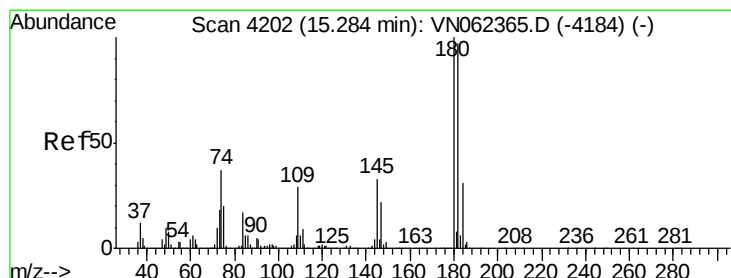
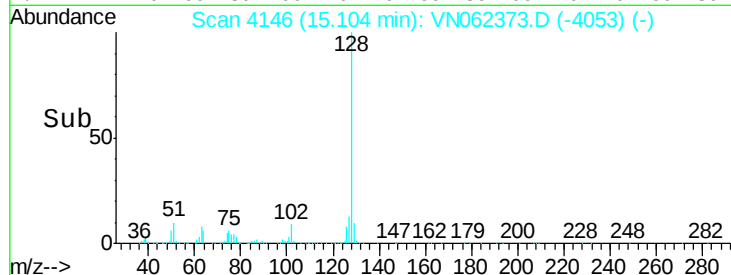
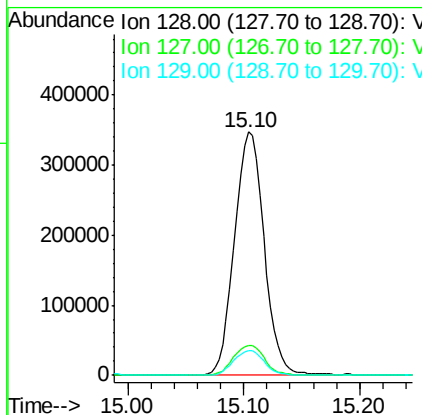
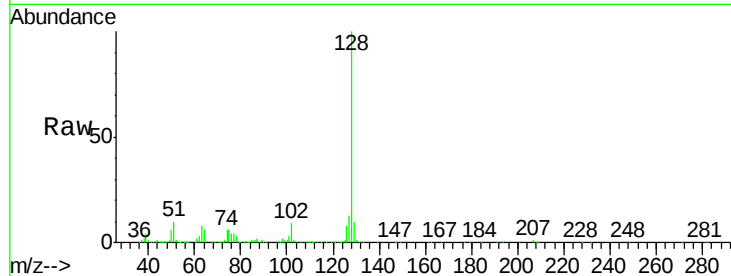
ClientSampleId :

VN0706WBSD01

Tot Ion:	128	Resp:	618176
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.8	16.2
129	10.6	8.6	12.8

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 19.853 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Tgt Ion:	180	Resp:	227955
Ion Ratio		Lower	Upper
180	100		
182	98.2	47.9	143.7
145	32.6	16.4	49.2

