

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080320\
 Data File : VN062729.D
 Acq On : 3 Aug 2020 12:36
 Operator : JC/MD
 Sample : VN0803WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/4/2020 1:52:17 PM

Quant Time: Aug 04 04:23:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	136848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	224097	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	209713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	99320	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	121056	56.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.88%	
35) Dibromofluoromethane	7.55	113	80840	54.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.84%	
50) Toluene-d8	10.06	98	299966	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
62) 4-Bromofluorobenzene	12.37	95	113526	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	31728	19.437	ug/l	96
3) Chloromethane	2.03	50	33028	14.918	ug/l	98
4) Vinyl Chloride	2.16	62	32341	16.851	ug/l	99
5) Bromomethane	2.52	94	20721	24.375	ug/l	99
6) Chloroethane	2.67	64	19789	22.794	ug/l	99
7) Trichlorofluoromethane	2.98	101	56864	25.234	ug/l	95
8) Diethyl Ether	3.37	74	21114	20.036	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.71	101	30490	21.103	ug/l	99
10) Methyl Iodide	3.91	142	36315	19.660	ug/l	92
11) Tert butyl alcohol	4.73	59	32765	96.885	ug/l	97
12) 1,1-Dichloroethene	3.69	96	28524	19.466	ug/l	98
13) Acrolein	3.57	56	15082	49.756	ug/l	96
14) Allyl chloride	4.27	41	55295	17.446	ug/l	92
15) Acrylonitrile	4.93	53	85933	94.868	ug/l	97
16) Acetone	3.77	43	78180	97.727	ug/l	98
17) Carbon Disulfide	4.01	76	80368	16.693	ug/l	99
18) Methyl Acetate	4.28	43	44194	21.822	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	114924	21.309	ug/l	99
20) Methylene Chloride	4.50	84	36149	18.841	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	31472	19.352	ug/l	94
22) Diisopropyl ether	5.90	45	117121	18.590	ug/l	# 90
23) Vinyl Acetate	5.84	43	482797	93.523	ug/l	98
24) 1,1-Dichloroethane	5.80	63	66808	19.692	ug/l	99
25) 2-Butanone	6.79	43	113501	93.160	ug/l	94
26) 2,2-Dichloropropane	6.77	77	61149	21.956	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	37031	19.955	ug/l	99
28) Bromochloromethane	7.15	49	31503	18.868	ug/l	89
29) Tetrahydrofuran	7.17	42	73902	89.643	ug/l	94
30) Chloroform	7.33	83	69013	21.394	ug/l	99
31) Cyclohexane	7.61	56	54580	17.424	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	61527	22.845	ug/l	98
36) 1,1-Dichloropropene	7.75	75	48284	20.214	ug/l	99
37) Ethyl Acetate	6.88	43	47806	18.567	ug/l	99
38) Carbon Tetrachloride	7.73	117	55643	24.235	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080320\
 Data File : VN062729.D
 Acq On : 3 Aug 2020 12:36
 Operator : JC/MD
 Sample : VN0803WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0803WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/4/2020 1:52:17 PM

Quant Time: Aug 04 04:23:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	50232	19.536	ug/l	99
40) Benzene	8.00	78	140788	19.469	ug/l	100
41) Methacrylonitrile	7.13	41	21901	19.847	ug/l #	90
42) 1,2-Dichloroethane	8.08	62	60150	22.751	ug/l	96
43) Isopropyl Acetate	8.13	43	79200	19.081	ug/l #	91
44) Trichloroethene	8.80	130	33956	20.822	ug/l	97
45) 1,2-Dichloropropane	9.08	63	38557	18.990	ug/l	96
46) Dibromomethane	9.17	93	25457	21.693	ug/l	97
47) Bromodichloromethane	9.37	83	55761	21.933	ug/l	98
48) Methyl methacrylate	9.17	41	38176	19.348	ug/l	94
49) 1,4-Dioxane	9.16	88	12080	398.610	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	239367	96.379	ug/l	99
52) Toluene	10.12	92	85357	20.327	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	61910	21.875	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	62097	20.447	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	34616	21.253	ug/l	96
56) Ethyl methacrylate	10.40	69	53823	19.521	ug/l	95
57) 1,3-Dichloropropane	10.68	76	60891	20.406	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	74884	95.976	ug/l	97
59) 2-Hexanone	10.72	43	173703	92.325	ug/l	98
60) Dibromochloromethane	10.87	129	41276	22.716	ug/l	100
61) 1,2-Dibromoethane	10.98	107	34849	20.547	ug/l	99
64) Tetrachloroethene	10.60	164	28980	21.269	ug/l	97
65) Chlorobenzene	11.41	112	91954	20.915	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	36378	21.995	ug/l	96
67) Ethyl Benzene	11.48	91	164814	20.446	ug/l	100
68) m/p-Xylenes	11.60	106	121496	41.933	ug/l	97
69) o-Xylene	11.92	106	57823	21.016	ug/l	96
70) Styrene	11.94	104	100545	21.633	ug/l	97
71) Bromoform	12.10	173	28667	23.084	ug/l #	99
73) Isopropylbenzene	12.22	105	162884	20.741	ug/l	98
74) N-amyl acetate	12.05	43	68096	19.416	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	53572	19.630	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	50482m	19.969	ug/l	
77) Bromobenzene	12.50	156	38669	20.489	ug/l	94
78) n-propylbenzene	12.57	91	188221	20.461	ug/l	100
79) 2-Chlorotoluene	12.65	91	117487	20.724	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	142526	21.879	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	17412	19.173	ug/l	90
82) 4-Chlorotoluene	12.75	91	120649	20.446	ug/l	99
83) tert-Butylbenzene	12.97	119	118205	21.852	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	140376	21.966	ug/l	98
85) sec-Butylbenzene	13.15	105	156551	21.618	ug/l	99
86) p-Isopropyltoluene	13.26	119	140539	22.564	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	68068	20.552	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	68863	21.122	ug/l	98
89) n-Butylbenzene	13.59	91	115009	21.490	ug/l	100
90) Hexachloroethane	13.85	117	27627	20.836	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	64462	20.355	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10475	21.141	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080320\
Data File : VN062729.D
Acq On : 3 Aug 2020 12:36
Operator : JC/MD
Sample : VN0803WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD01

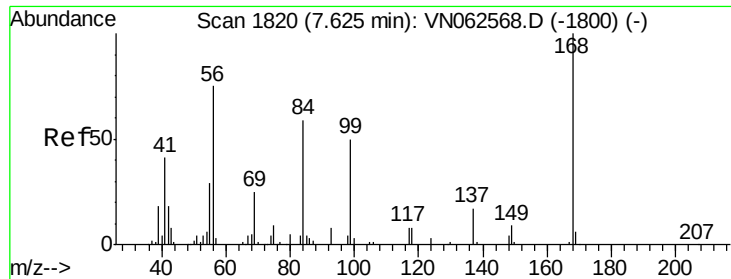
Manual Integrations
APPROVED

MMDadoda
8/4/2020 1:52:17 PM

Quant Time: Aug 04 04:23:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	30684	20.388	ug/l	97
94) Hexachlorobutadiene	14.98	225	21873	25.317	ug/l	98
95) Naphthalene	15.10	128	76846	19.851	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	30828	20.657	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBSD01

Tot Ion:168 Resp: 136848

Ion Ratio Lower Upper

168 100

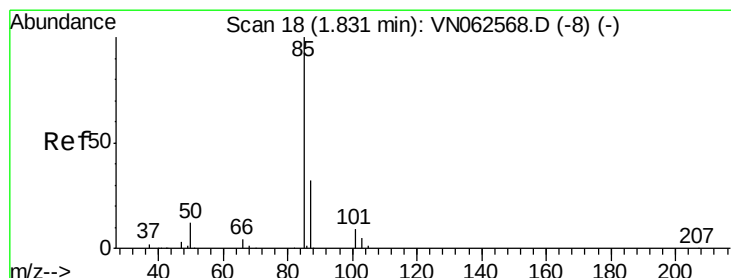
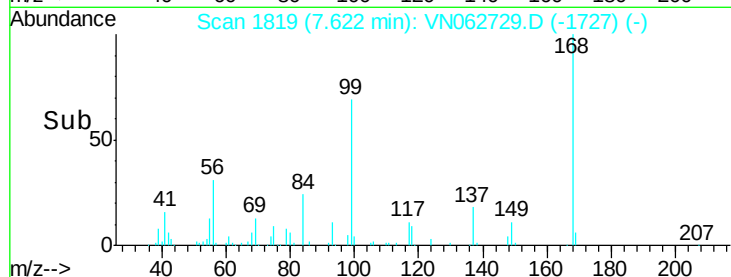
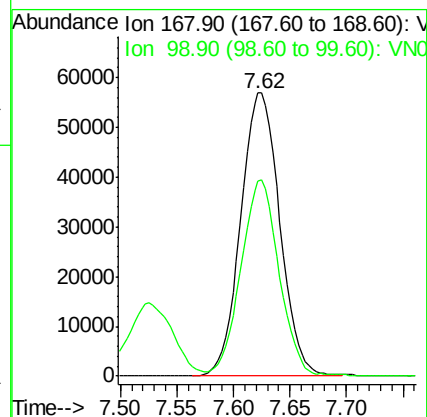
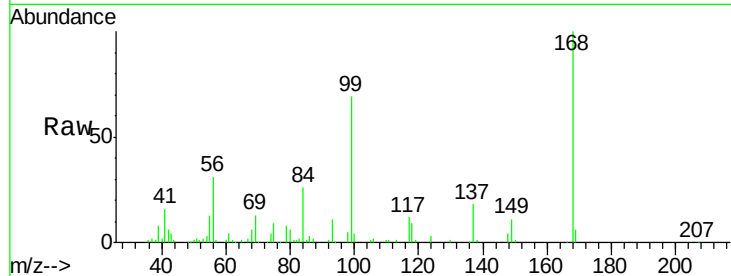
99 68.3 48.4 72.6

Manual Integrations

APPROVED

MMDadoda

8/4/2020 1:52:17 PM



#2

Dichlorodifluoromethane

Concen: 19.437 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062729.D

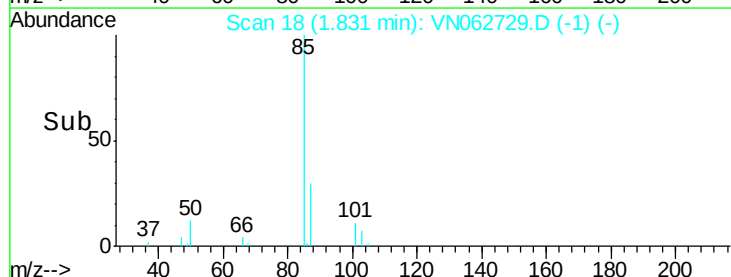
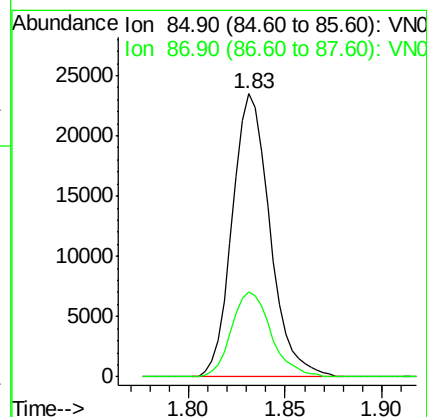
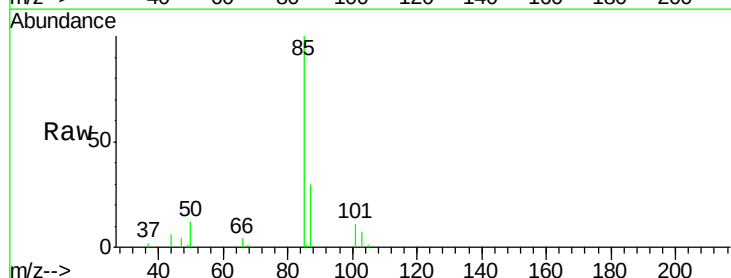
Acq: 3 Aug 2020 12:36

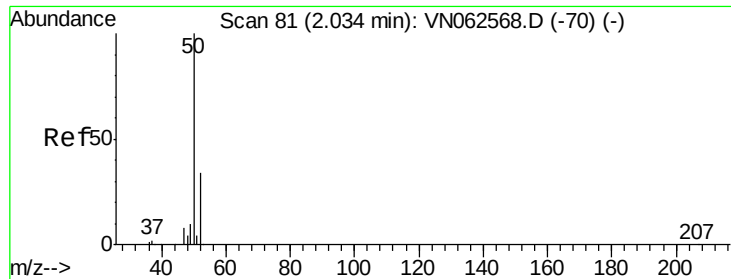
Tgt Ion: 85 Resp: 31728

Ion Ratio Lower Upper

85 100

87 30.0 16.0 48.0





#3

Chloromethane

Concen: 14.918 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBSD01

Tot Ion: 50 Resp: 33028

Ion Ratio Lower Upper

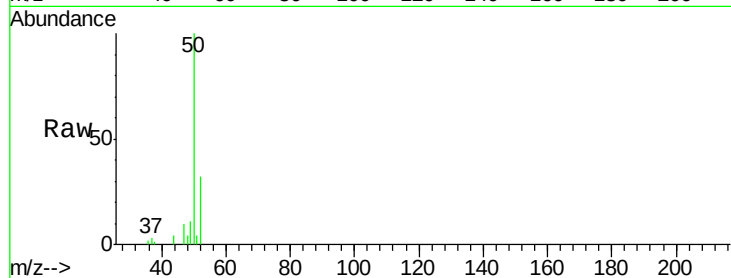
50 100

52 32.3 27.0 40.4

Manual Integrations
APPROVED

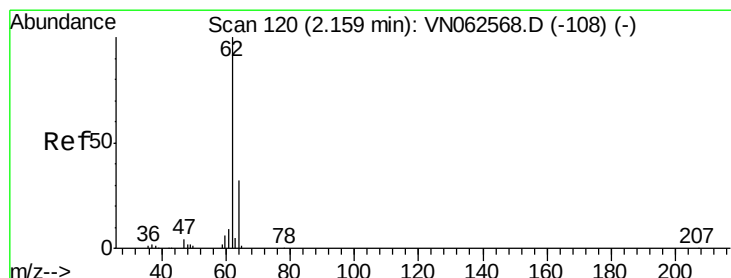
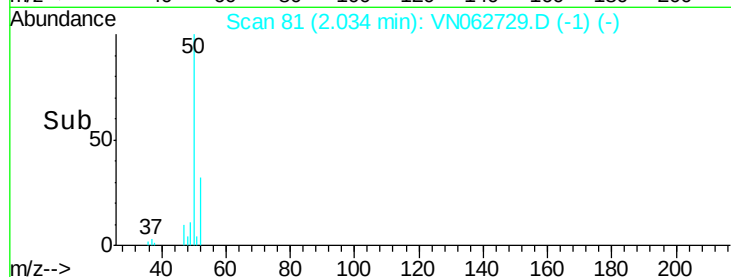
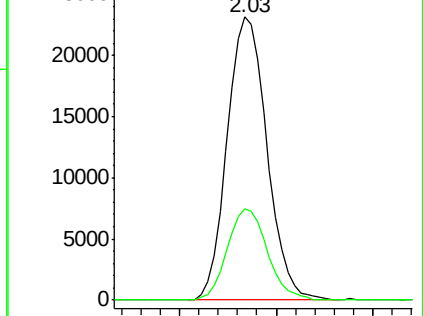
MMDadoda

8/4/2020 1:52:17 PM



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 16.851 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062729.D

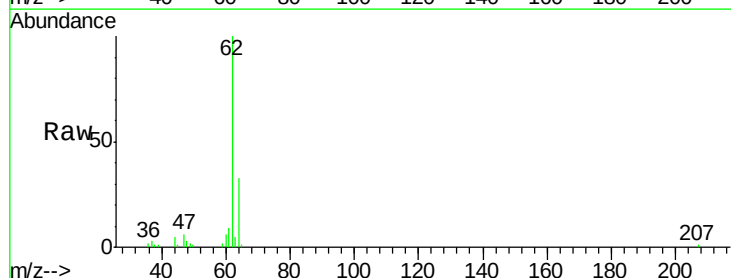
Acq: 3 Aug 2020 12:36

Tgt Ion: 62 Resp: 32341

Ion Ratio Lower Upper

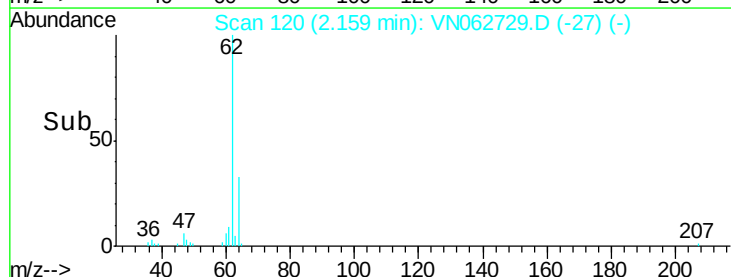
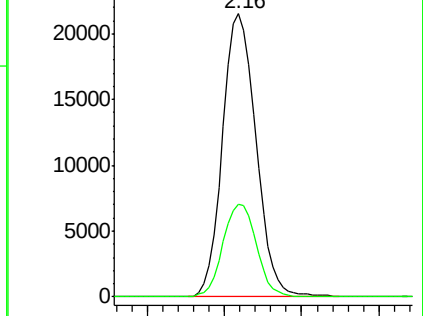
62 100

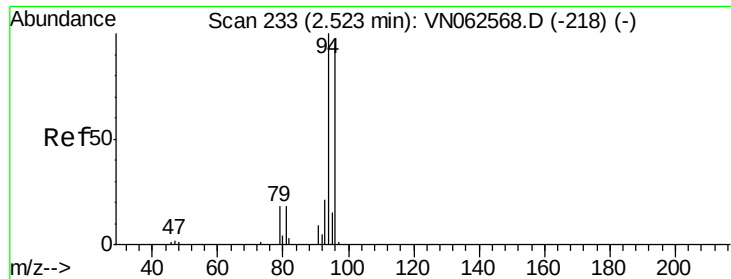
64 32.7 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 24.375 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBSD01

Tot Ion: 94 Resp: 20721

Ion Ratio Lower Upper

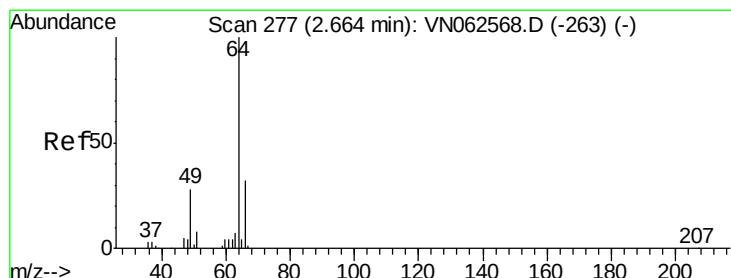
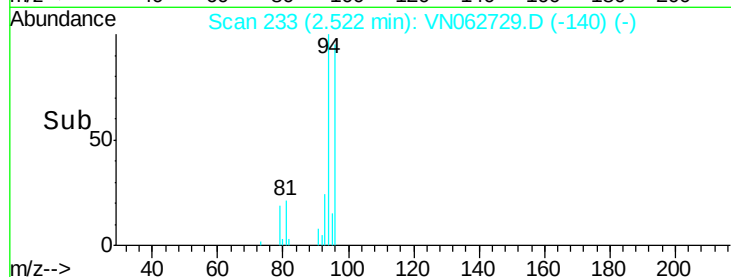
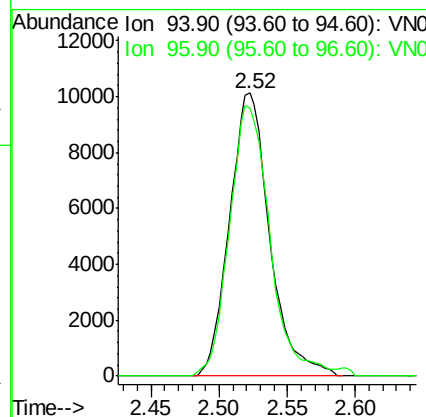
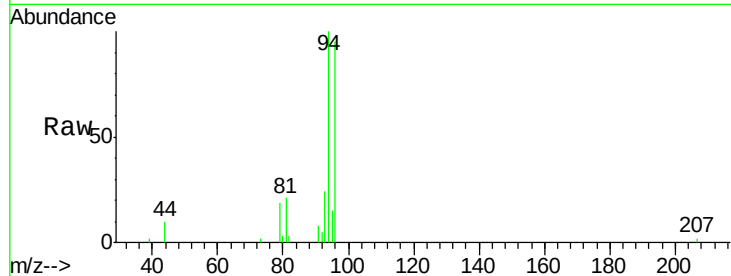
94 100

96 94.9 76.6 114.8

Manual Integrations
APPROVED

MMDadoda

8/4/2020 1:52:17 PM



#6

Chloroethane

Concen: 22.794 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062729.D

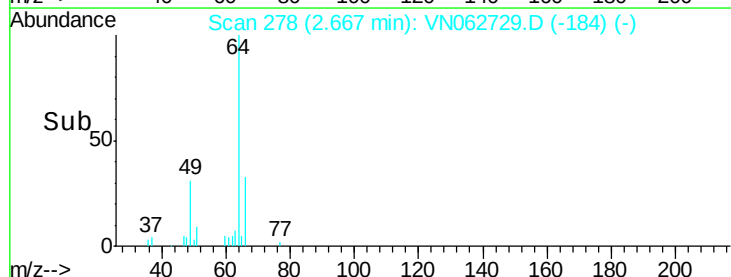
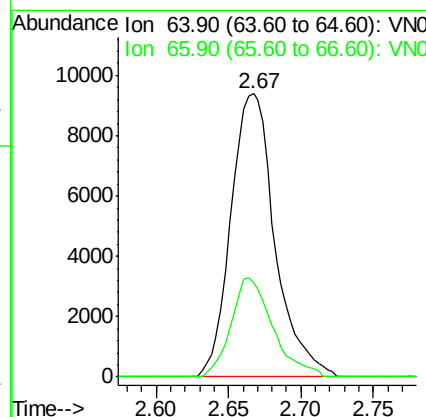
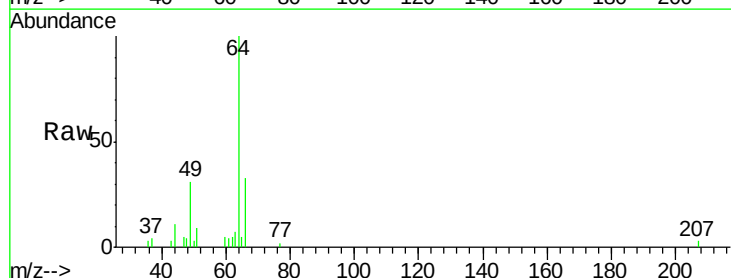
Acq: 3 Aug 2020 12:36

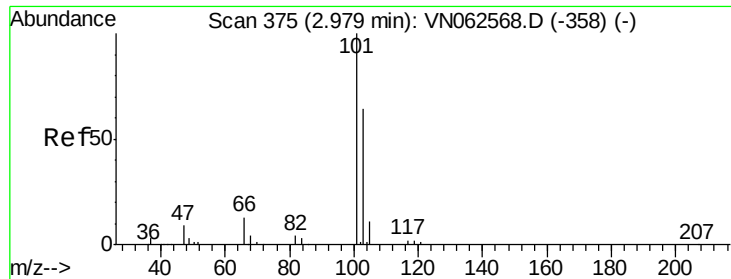
Tgt Ion: 64 Resp: 19789

Ion Ratio Lower Upper

64 100

66 33.0 25.8 38.8





#7

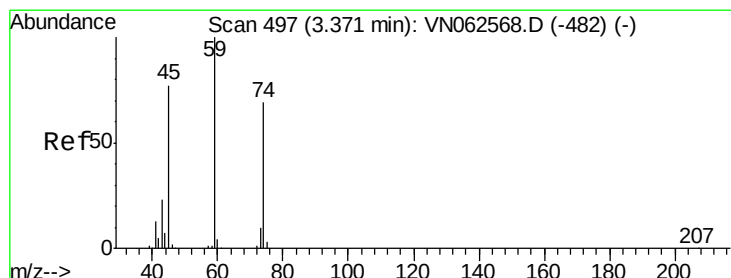
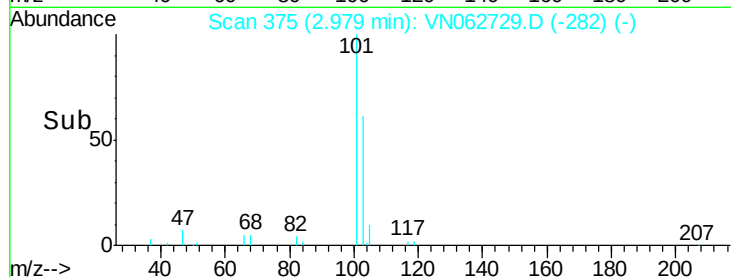
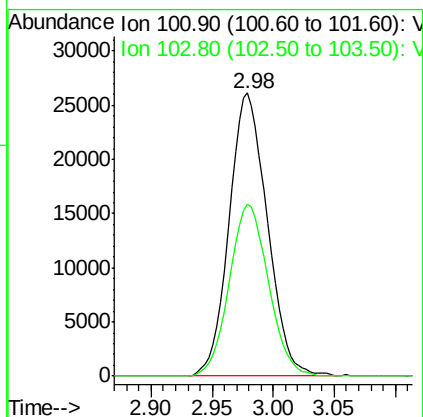
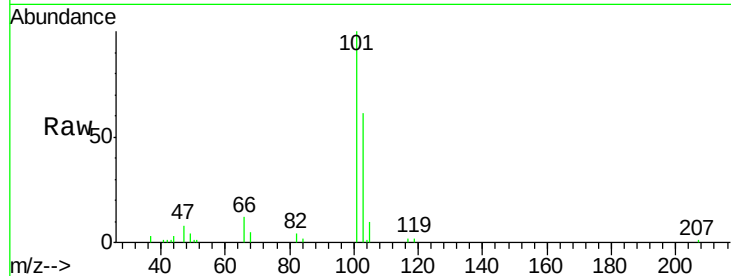
Trichlorofluoromethane
Concen: 25.234 ug/l
RT: 2.98 min Scan# 375
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		56864		
103	60.8	51.5	77.3		

Manual Integrations
APPROVED

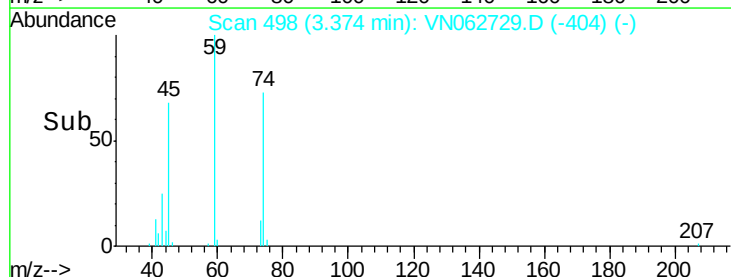
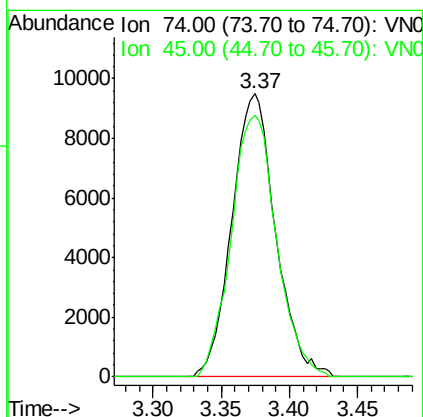
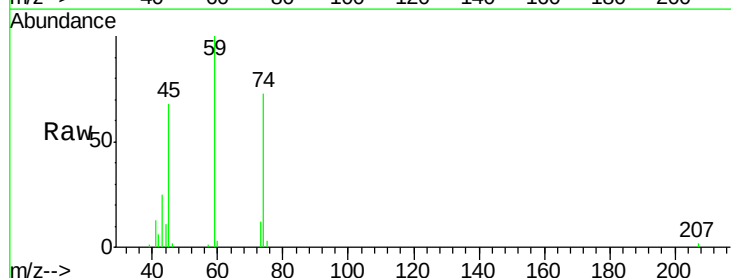
MMDadoda
8/4/2020 1:52:17 PM

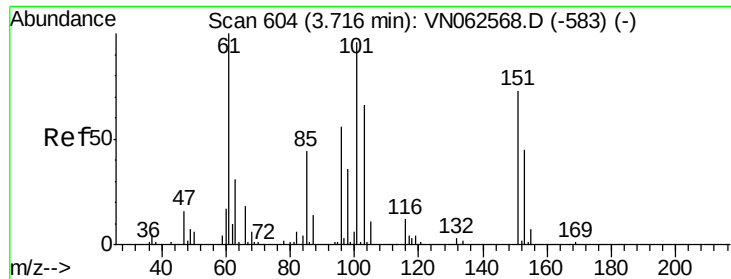


#8

Diethyl Ether
Concen: 20.036 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		21114		
45	96.0	55.3	165.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.103 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

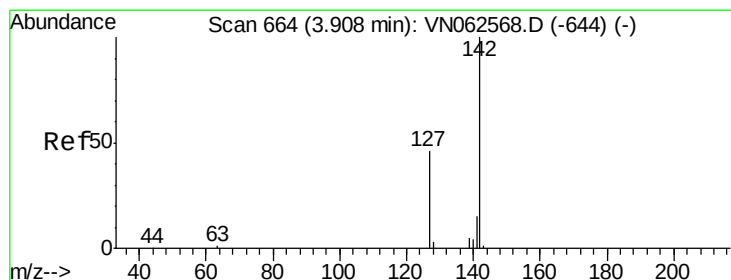
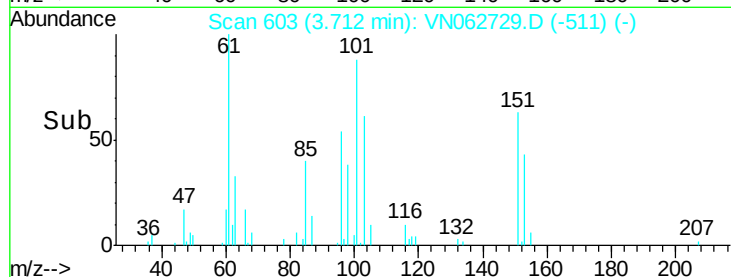
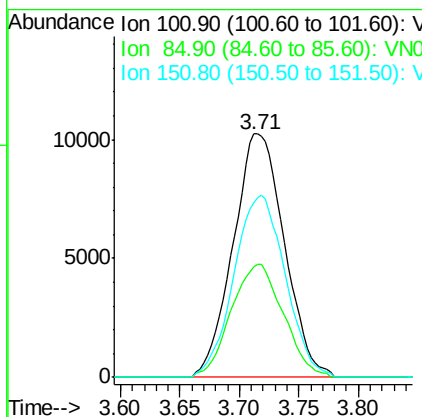
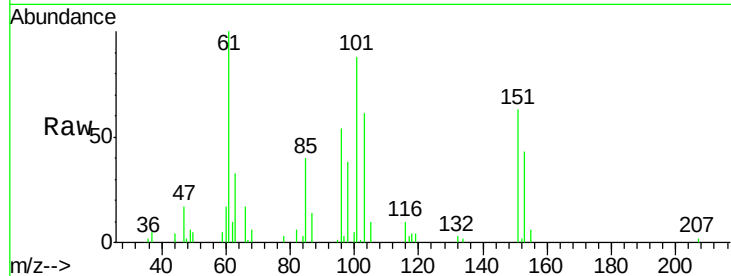
ClientSampleId :

VN0803WBSD01

Tot Ion:	101	Resp:	30490
Ion Ratio	Lower	Upper	
101	100		
85	47.3	36.0	54.0
151	75.0	60.0	90.0

Manual Integrations
APPROVED

MMDadoda
8/4/2020 1:52:17 PM



#10

Methyl Iodide

Concen: 19.660 ug/l

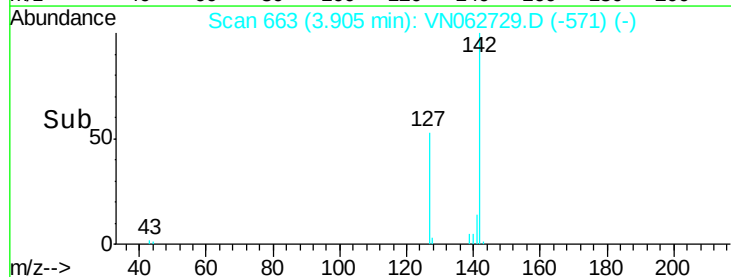
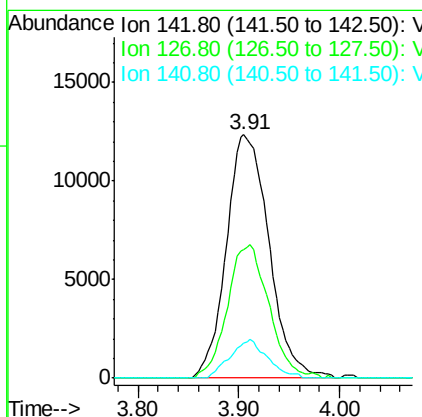
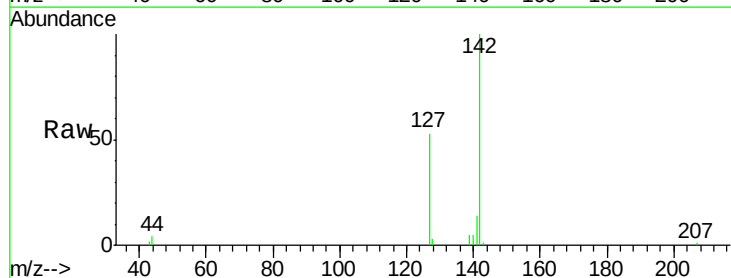
RT: 3.91 min Scan# 663

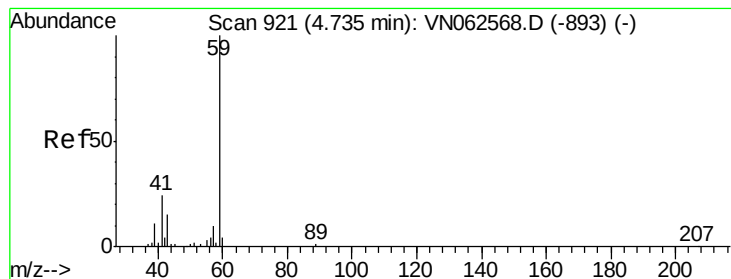
Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Tgt Ion:	142	Resp:	36315
Ion Ratio	Lower	Upper	
142	100		
127	52.8	37.4	56.0
141	13.9	11.9	17.9





#11

Tert butyl alcohol

Concen: 96.885 ug/l

RT: 4.73 min Scan# 919

Delta R.T. -0.01 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBSD01

Tot Ion: 59 Resp: 32765

Ion Ratio Lower Upper

59 100

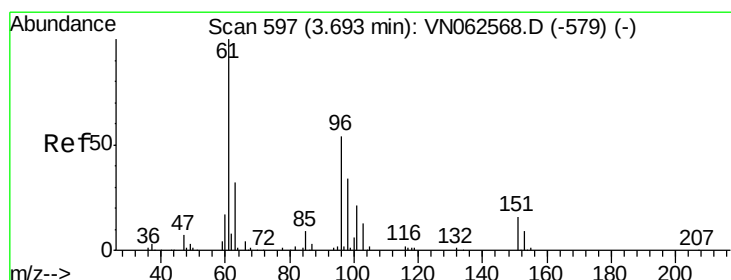
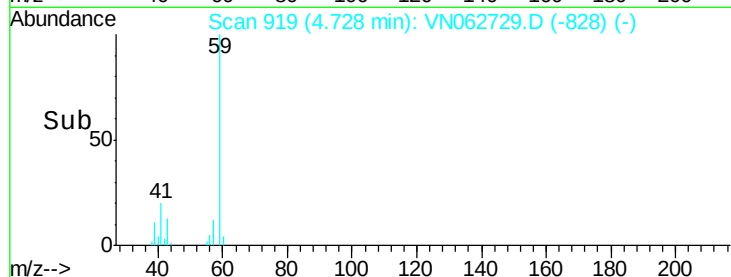
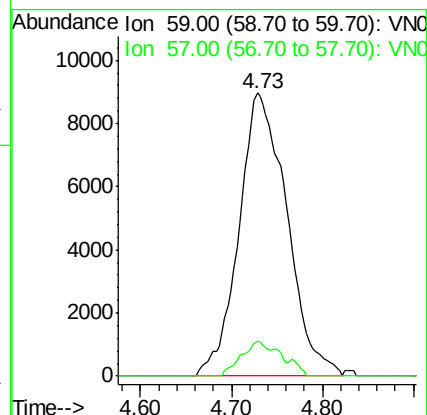
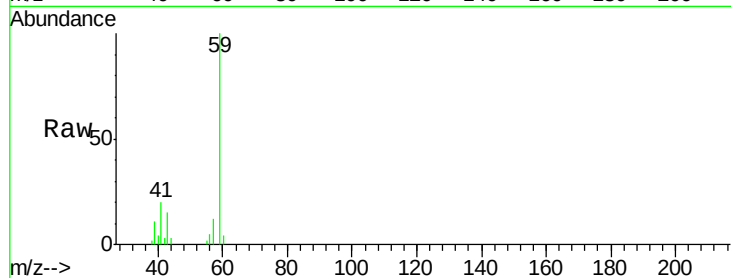
57 9.1 8.2 12.2

Manual Integrations

APPROVED

MMDadoda

8/4/2020 1:52:17 PM



#12

1,1-Dichloroethene

Concen: 19.466 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

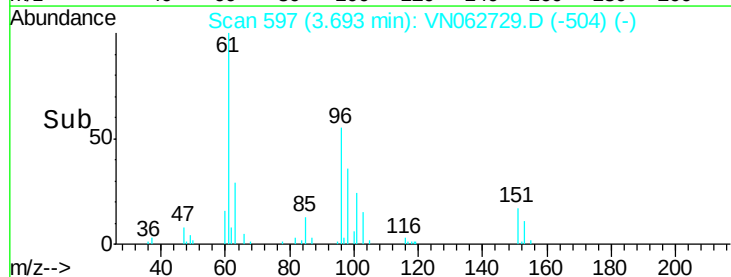
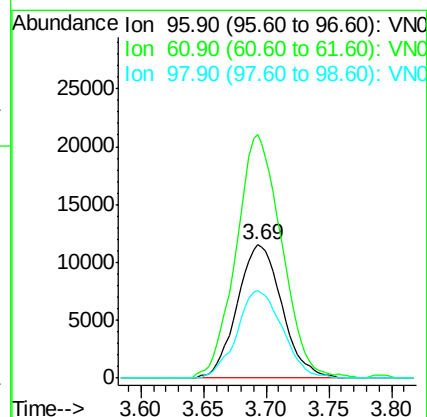
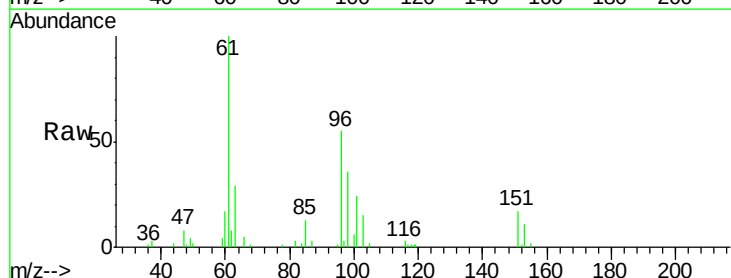
Tgt Ion: 96 Resp: 28524

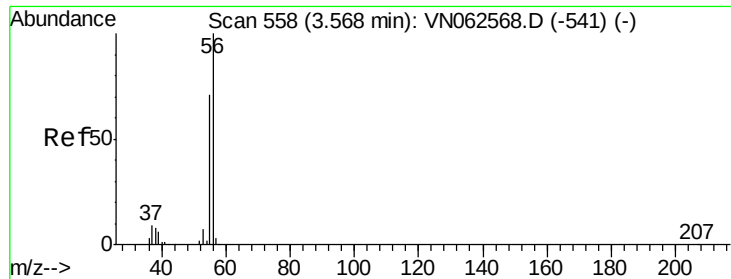
Ion Ratio Lower Upper

96 100

61 183.1 148.6 222.8

98 65.5 50.6 75.8





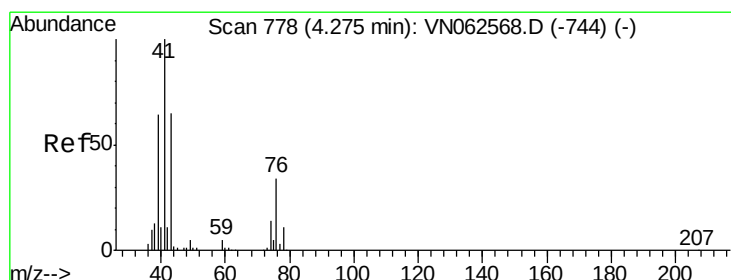
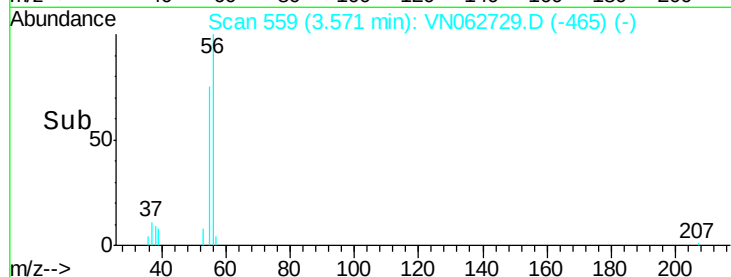
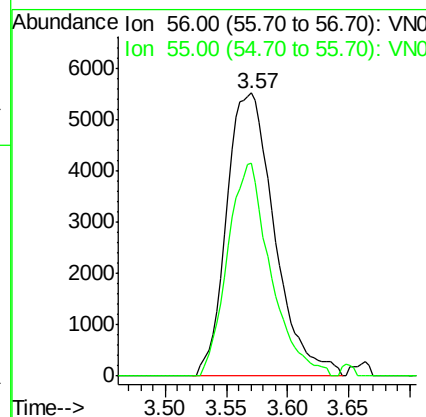
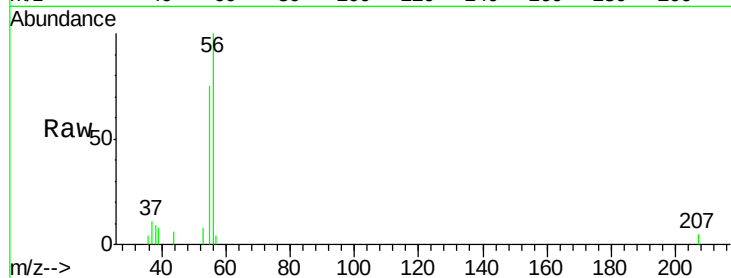
#13
 Acrolein
 Concen: 49.756 ug/l
 RT: 3.57 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	67.7	57.0	85.4	

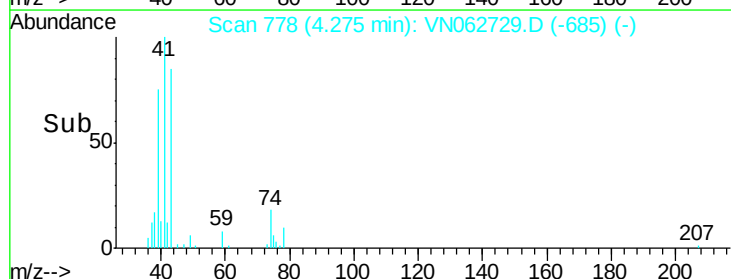
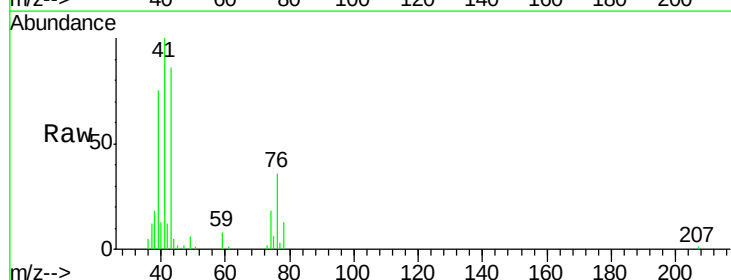
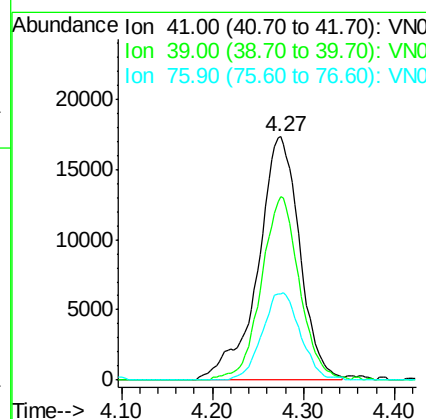
Manual Integrations
 APPROVED

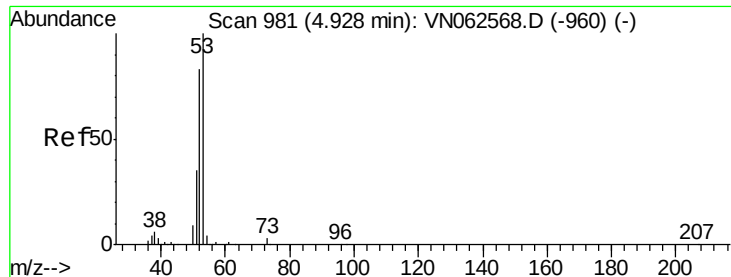
MMDadoda
 8/4/2020 1:52:17 PM



#14
 Allyl chloride
 Concen: 17.446 ug/l
 RT: 4.27 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	68.6	49.0	73.4	
76	32.8	24.0	36.0	





#15

Acrylonitrile

Concen: 94.868 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

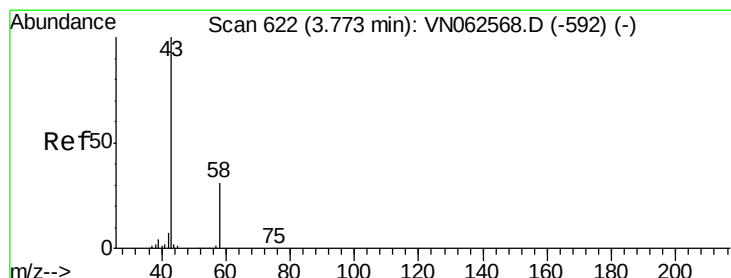
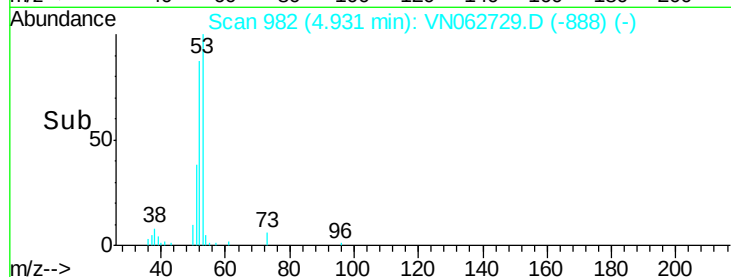
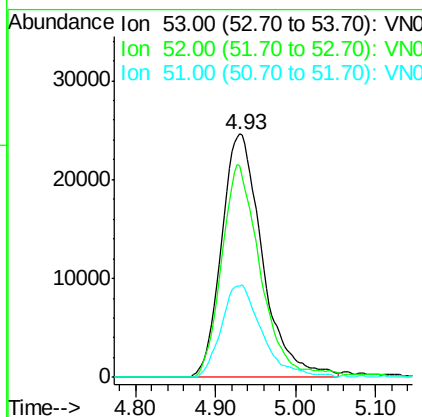
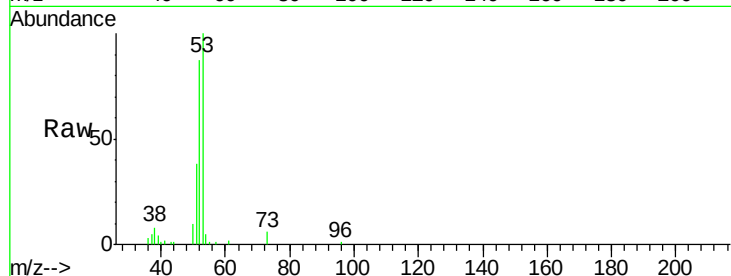
ClientSampleId :

VN0803WBSD01

Tot Ion:	53	Resp:	85933
Ion	Ratio	Lower	Upper
53	100		
52	80.8	66.3	99.5
51	37.5	28.6	43.0

Manual Integrations
APPROVED

MMDadoda
8/4/2020 1:52:17 PM



#16

Acetone

Concen: 97.727 ug/l

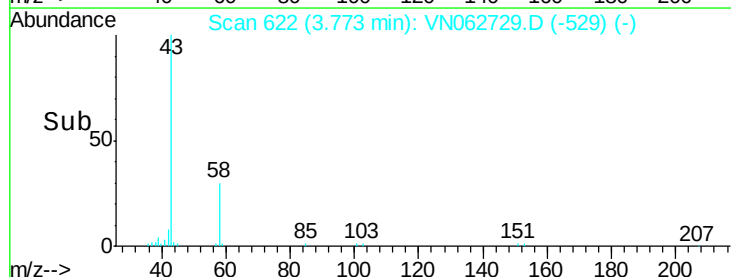
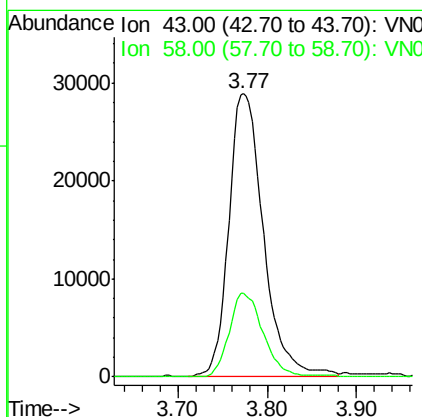
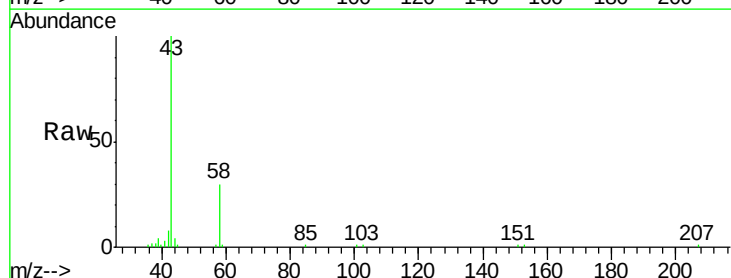
RT: 3.77 min Scan# 622

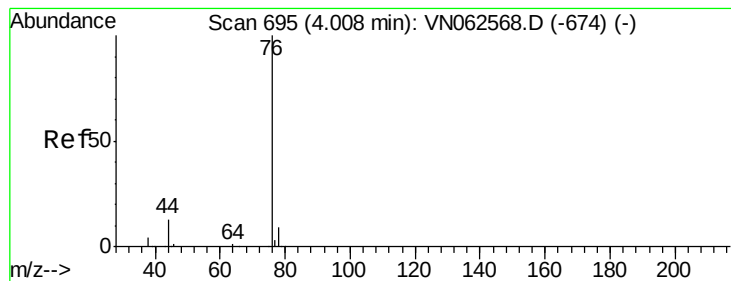
Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Tgt Ion:	43	Resp:	78180
Ion	Ratio	Lower	Upper
43	100		
58	29.8	24.6	37.0





#17

Carbon Disulfide

Concen: 16.693 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBSD01

Tot Ion: 76 Resp: 80368

Ion Ratio Lower Upper

76 100

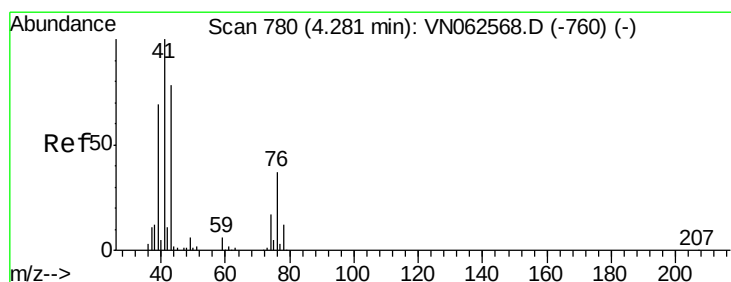
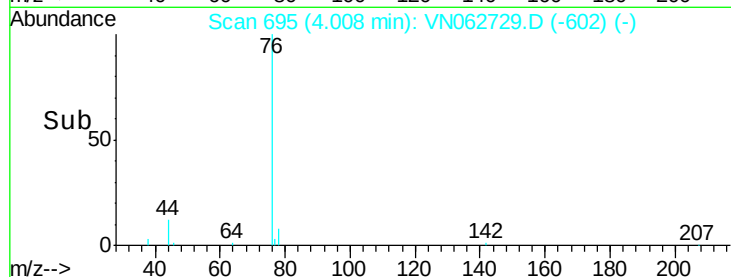
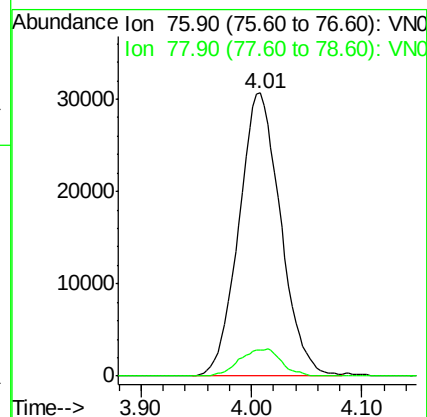
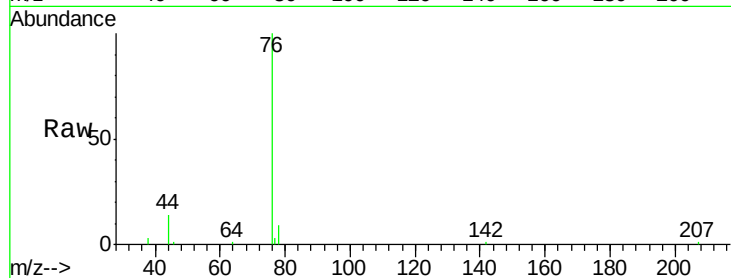
78 9.4 7.3 10.9

Manual Integrations

APPROVED

MMDadoda

8/4/2020 1:52:17 PM



#18

Methyl Acetate

Concen: 21.822 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN062729.D

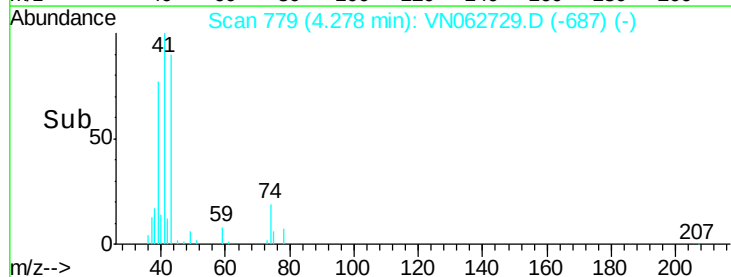
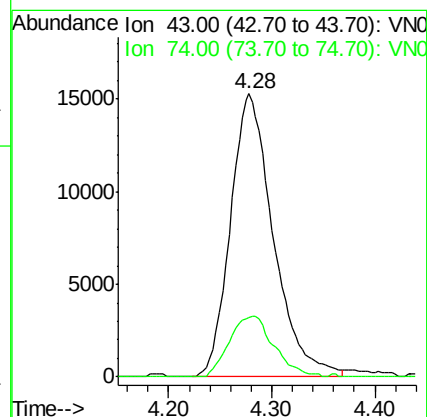
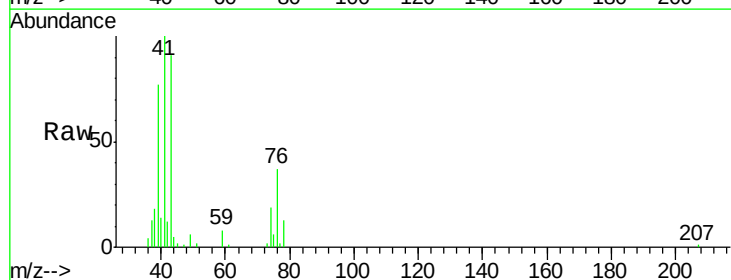
Acq: 3 Aug 2020 12:36

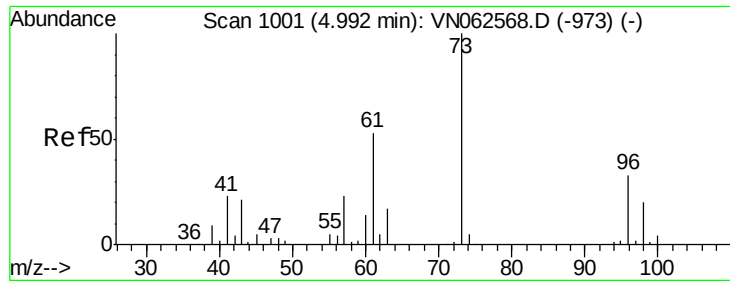
Tgt Ion: 43 Resp: 44194

Ion Ratio Lower Upper

43 100

74 22.2 16.6 24.8





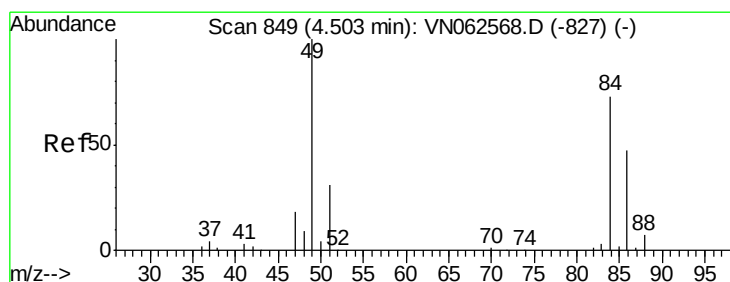
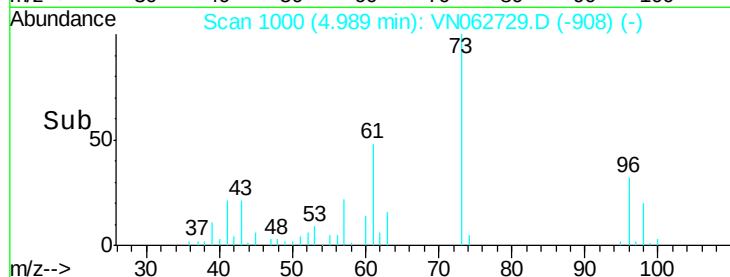
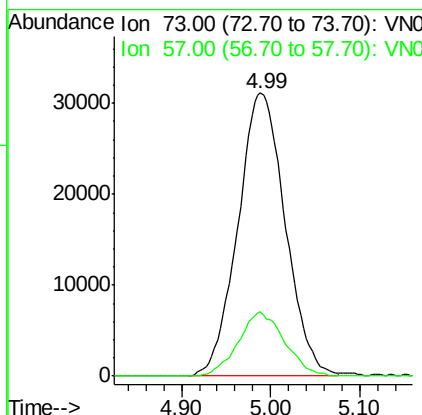
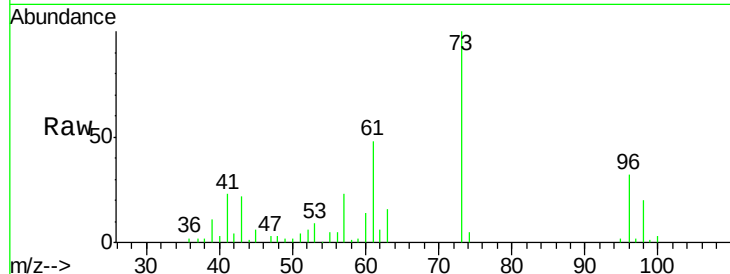
#19
Methvl tert-butvl Ether
Concen: 21.309 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD01

Tot Ion: 73 Resp: 114924
Ion Ratio Lower Upper
73 100
57 22.6 18.6 27.8

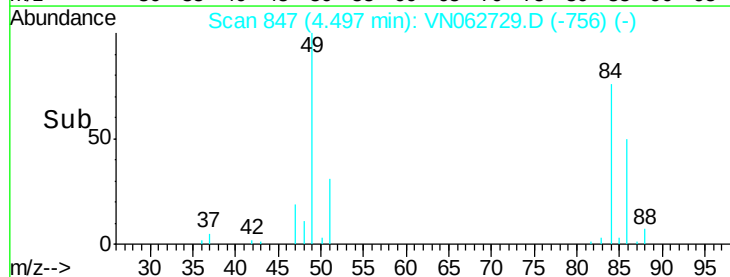
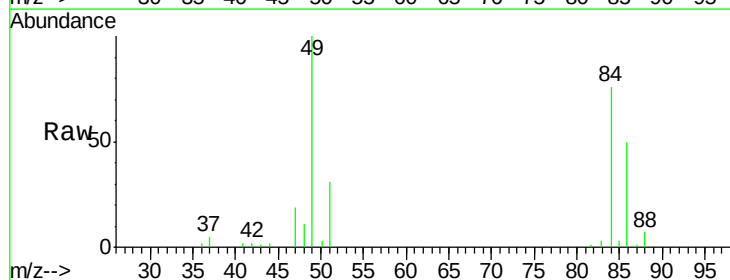
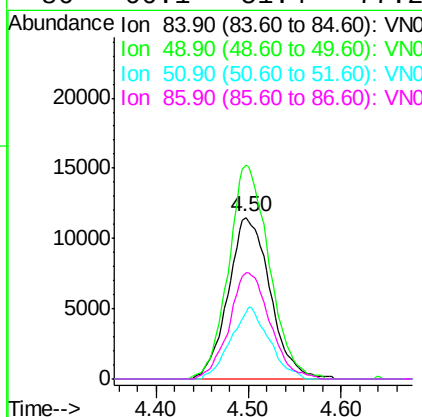
Manual Integrations
APPROVED

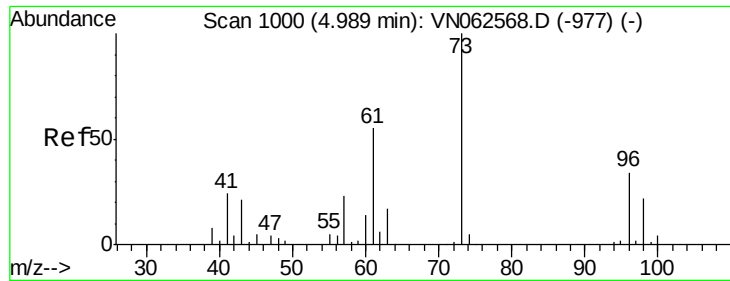
MMDadoda
8/4/2020 1:52:17 PM



#20
Methylene Chloride
Concen: 18.841 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Tgt Ion: 84 Resp: 36149
Ion Ratio Lower Upper
84 100
49 132.4 109.4 164.0
51 41.1 33.6 50.4
86 66.1 51.4 77.2





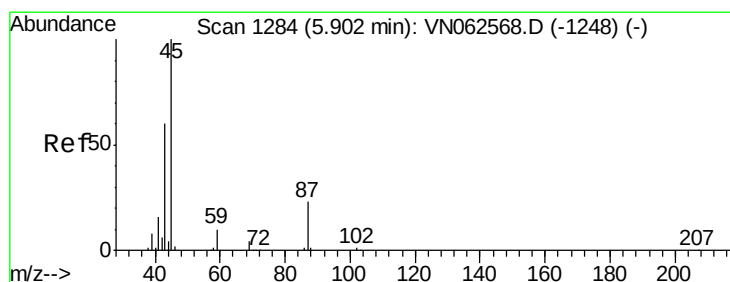
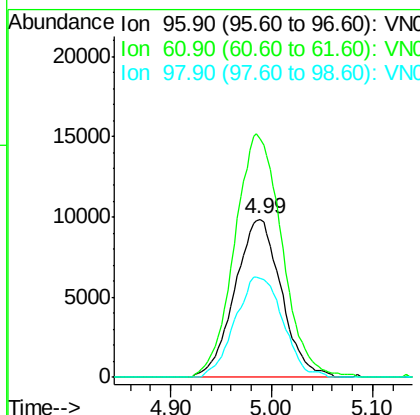
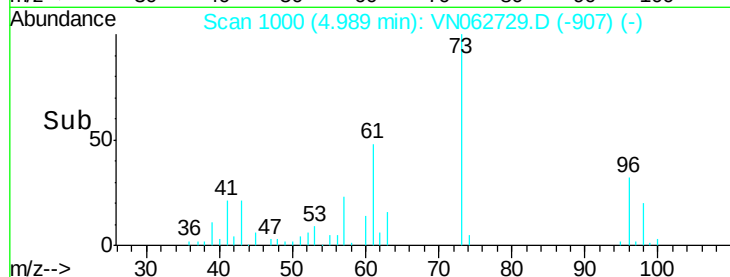
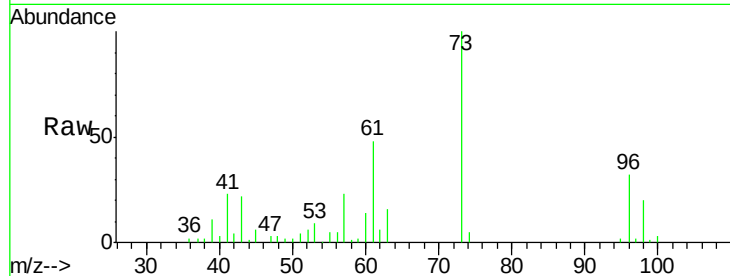
#21
trans-1,2-Dichloroethene
Concen: 19.352 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.5	128.6	192.8
98	62.7	50.6	76.0

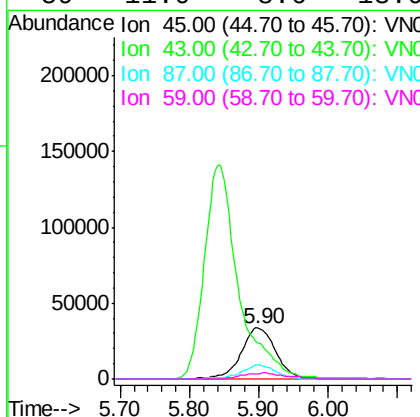
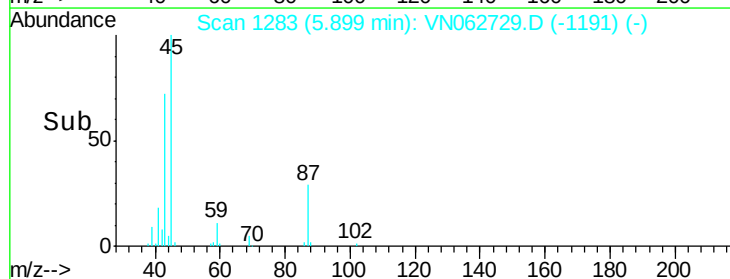
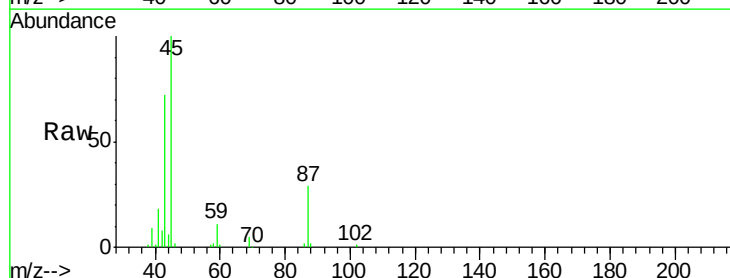
Manual Integrations
APPROVED

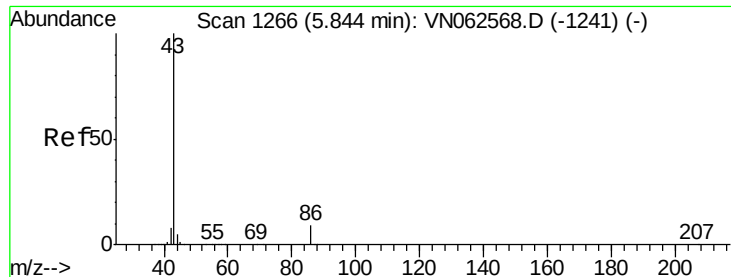
MMDadoda
8/4/2020 1:52:17 PM



#22
Diisopropyl ether
Concen: 18.590 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Tgt Ion	Ratio	Lower	Upper
45	100		
43	69.6	48.7	73.1
87	28.7	19.0	28.6#
59	11.0	8.6	13.0





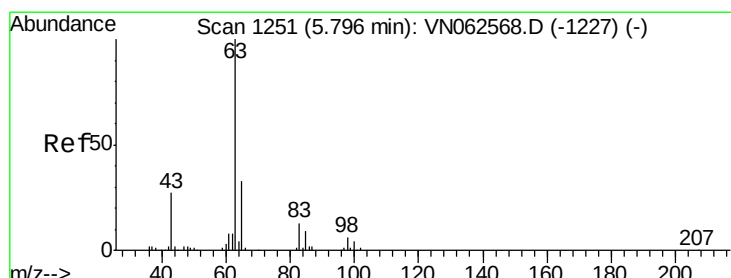
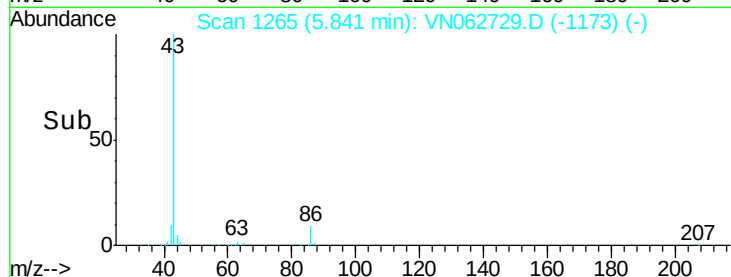
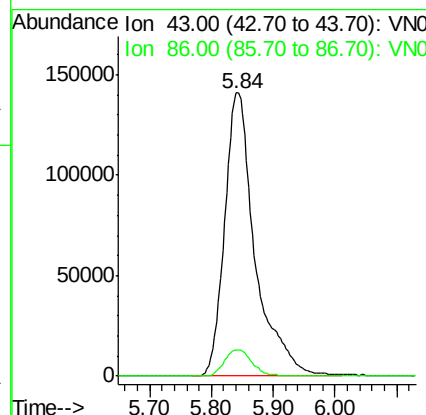
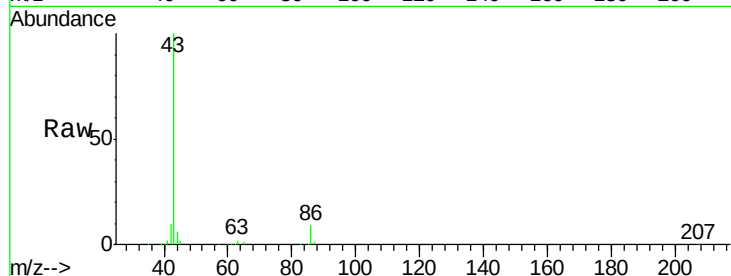
#23
 Vinyl Acetate
 Concen: 93.523 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBSD01

Tot Ion	43	Resp	482797
Ion	Ratio	Lower	Upper
43	100		
86	9.2	6.9	10.3

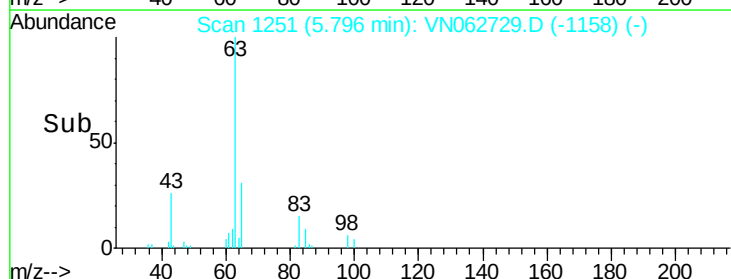
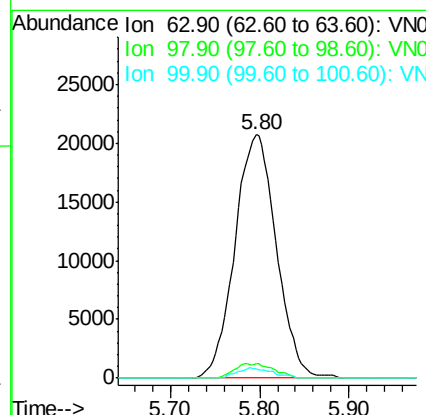
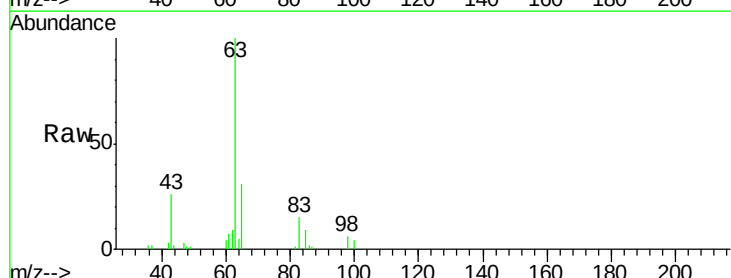
Manual Integrations
 APPROVED

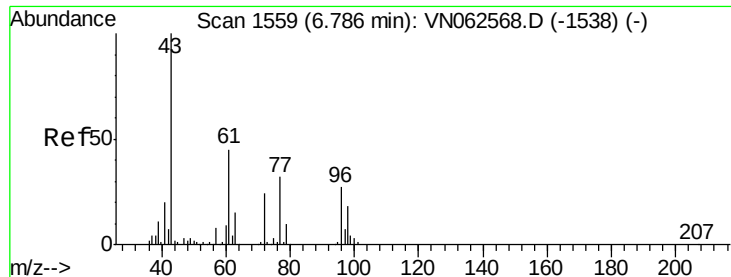
MMDadoda
 8/4/2020 1:52:17 PM



#24
 1,1-Dichloroethane
 Concen: 19.692 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Tgt Ion	63	Resp	66808
Ion	Ratio	Lower	Upper
63	100		
98	5.7	2.9	8.8
100	3.7	1.8	5.4





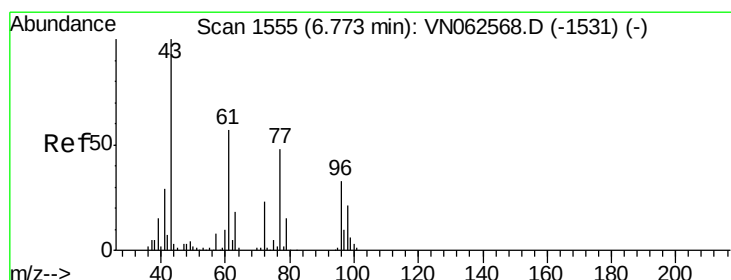
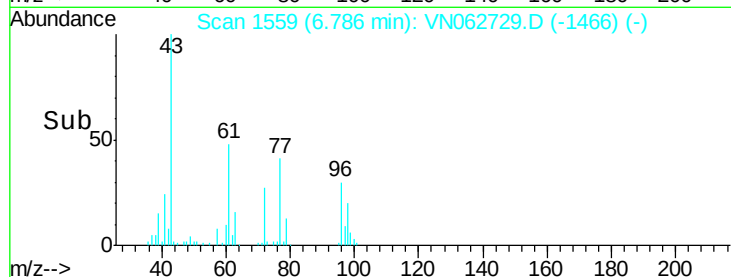
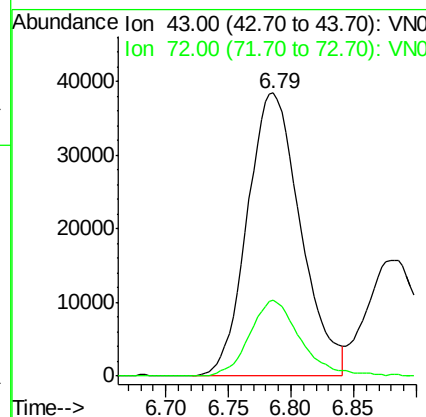
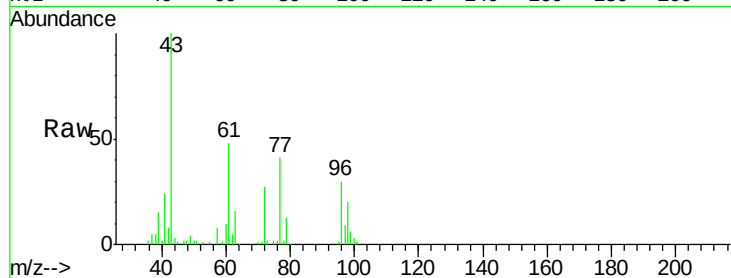
#25
2-Butanone
Concen: 93.160 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD01

Tot Ion: 43 Resp: 113501
Ion Ratio Lower Upper
43 100
72 26.7 19.0 28.6

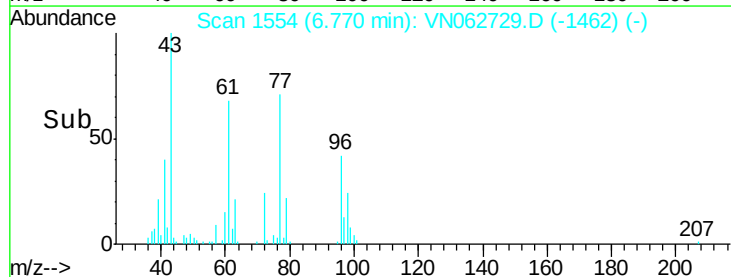
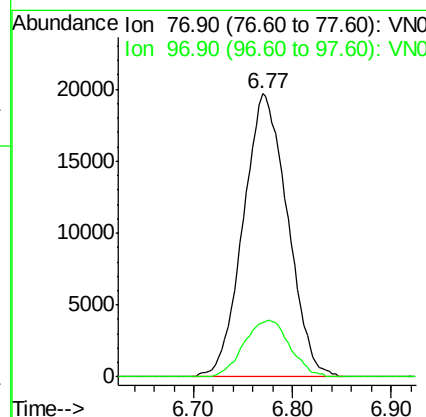
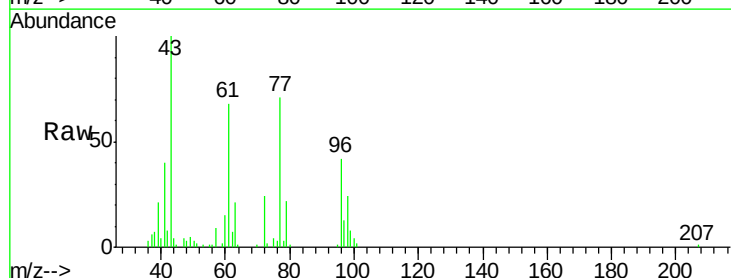
Manual Integrations
APPROVED

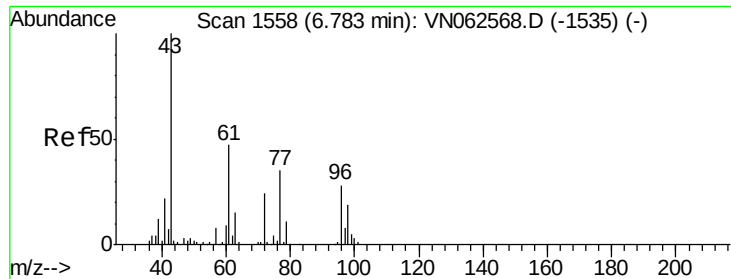
MMDadoda
8/4/2020 1:52:17 PM



#26
2,2-Dichloropropane
Concen: 21.956 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Tgt Ion: 77 Resp: 61149
Ion Ratio Lower Upper
77 100
97 20.7 10.8 32.4





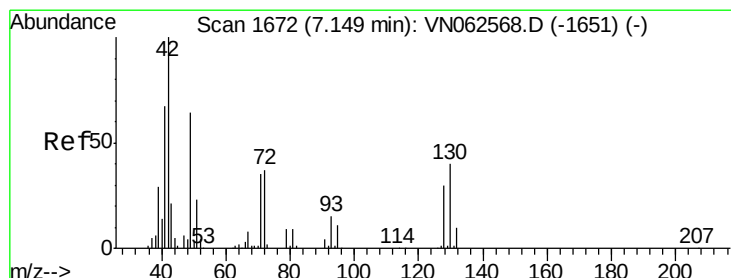
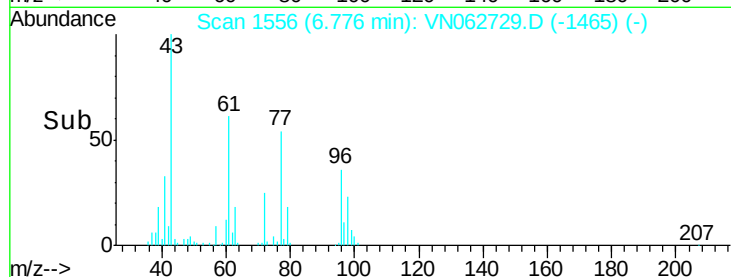
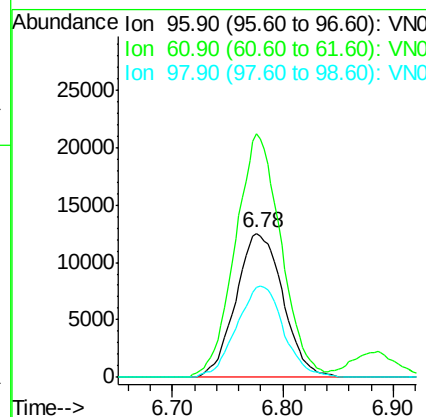
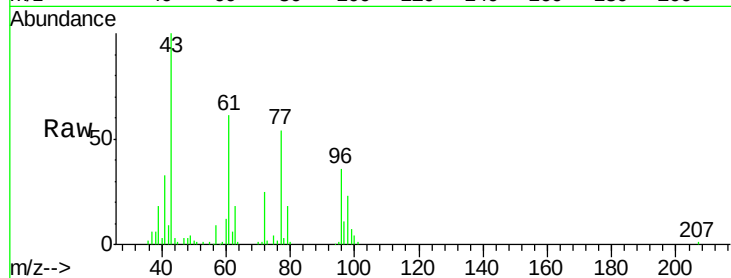
#27
 cis-1,2-Dichloroethene
 Concen: 19.955 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	164.3	0.0	332.4
98	63.3	0.0	127.4

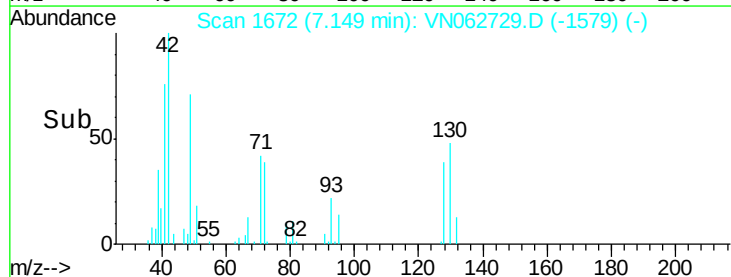
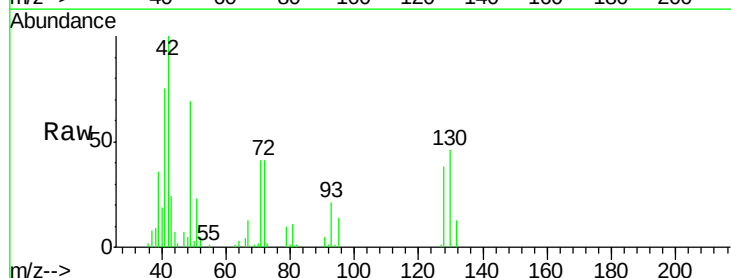
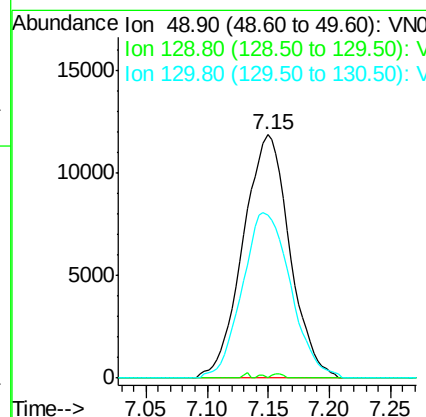
Manual Integrations
 APPROVED

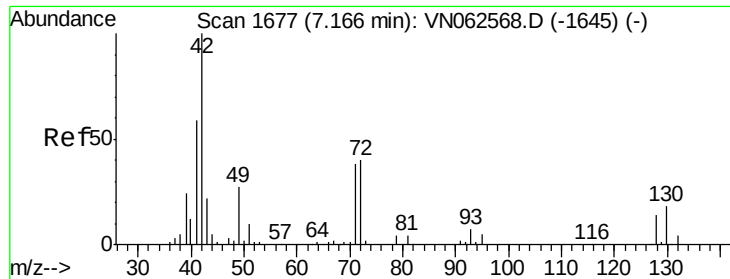
MMDadoda
 8/4/2020 1:52:17 PM



#28
 Bromochloromethane
 Concen: 18.868 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.2	0.0	3.4
130	70.6	49.8	74.8





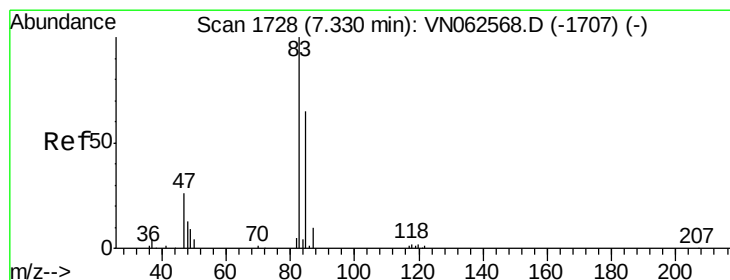
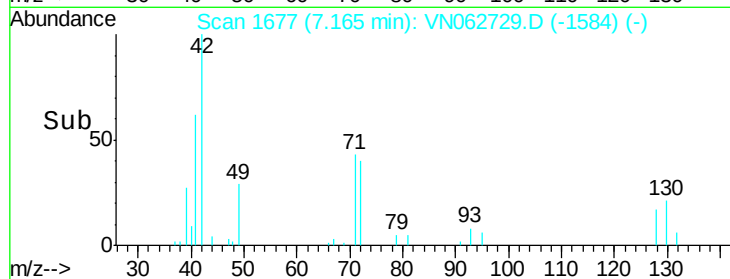
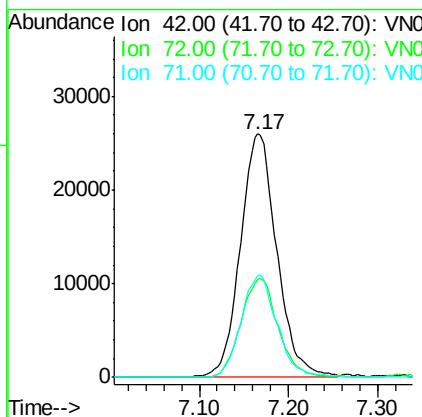
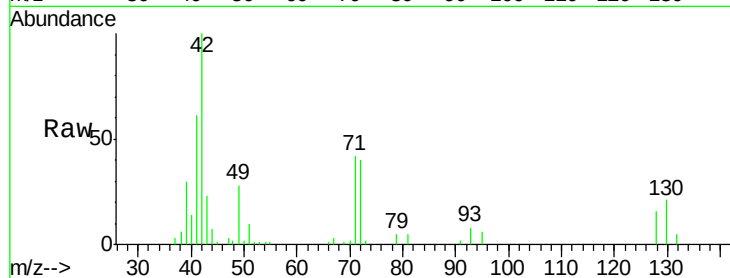
#29
Tetrahydrofuran
Concen: 89.643 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.1	30.7	46.1
71	41.4	29.1	43.7

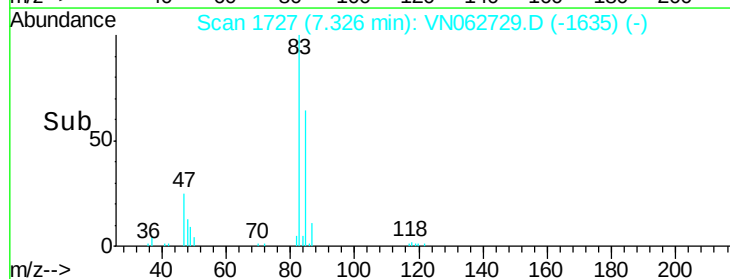
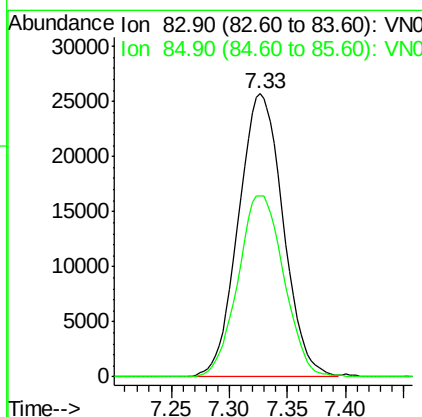
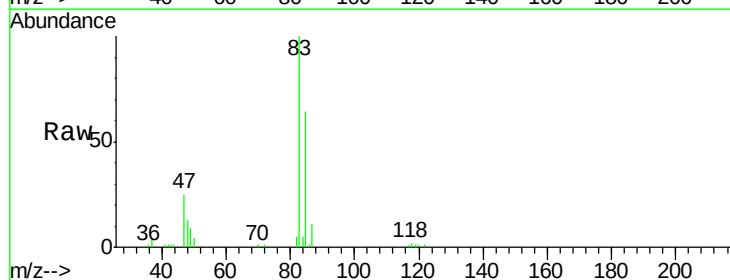
Manual Integrations
APPROVED

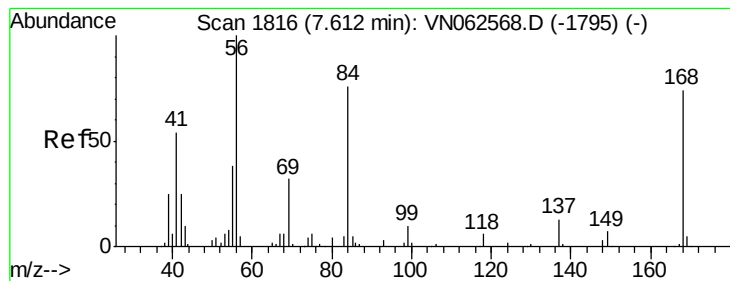
MMDadoda
8/4/2020 1:52:17 PM



#30
Chloroform
Concen: 21.394 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.0	78.0





#31

Cyclohexane

Concen: 17.424 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

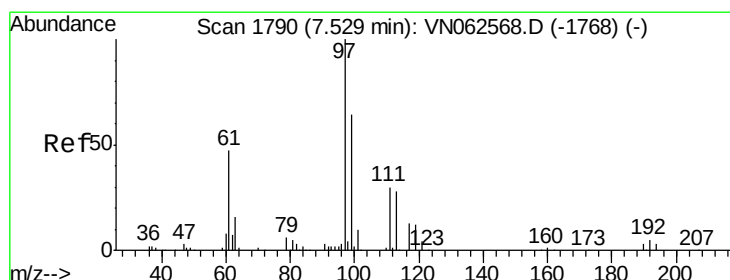
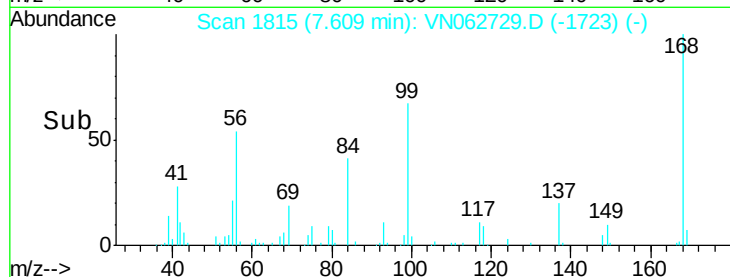
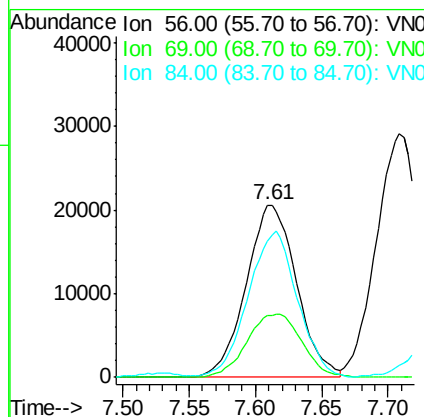
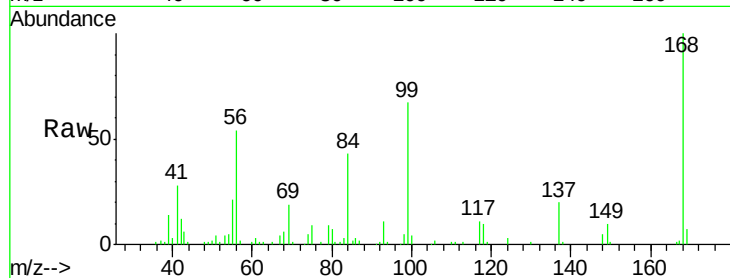
ClientSampleId :

VN0803WBSD01

Tot Ion:	56	Resp:	54580
Ion	Ratio	Lower	Upper
56	100		
69	35.8	25.3	37.9
84	78.2	61.0	91.4

Manual Integrations
APPROVED

MMDadoda
8/4/2020 1:52:17 PM



#32

1,1,1-Trichloroethane

Concen: 22.845 ug/l

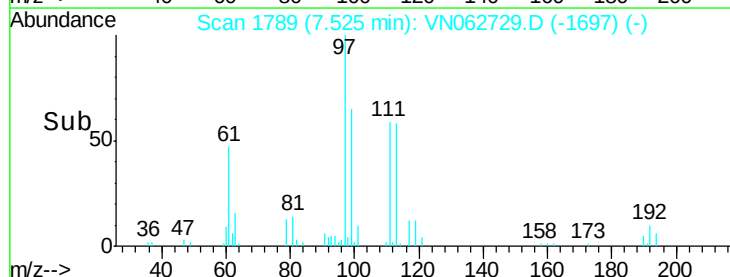
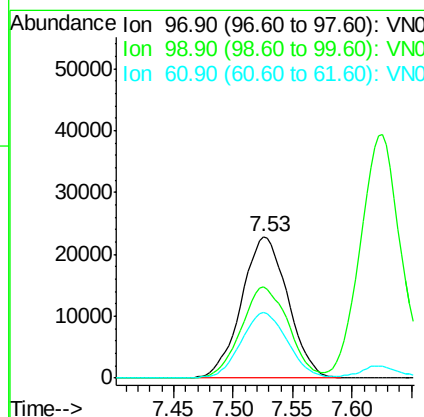
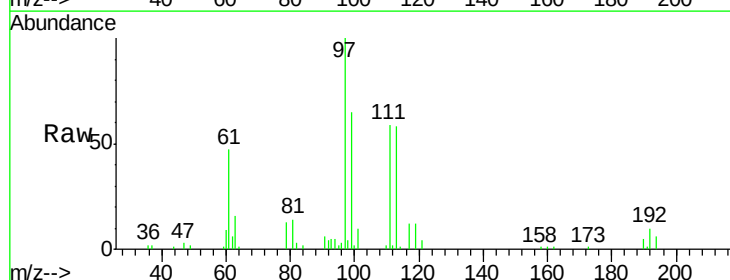
RT: 7.53 min Scan# 1789

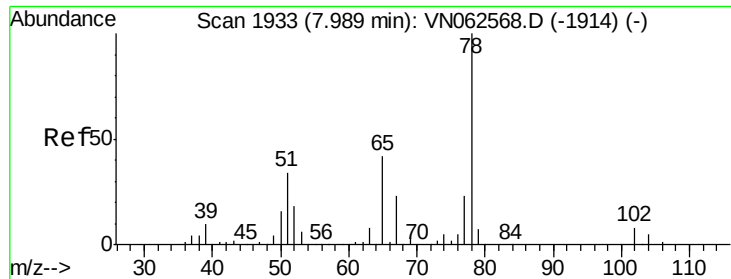
Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Tgt Ion:	97	Resp:	61527
Ion	Ratio	Lower	Upper
97	100		
99	66.0	51.2	76.8
61	46.5	38.4	57.6





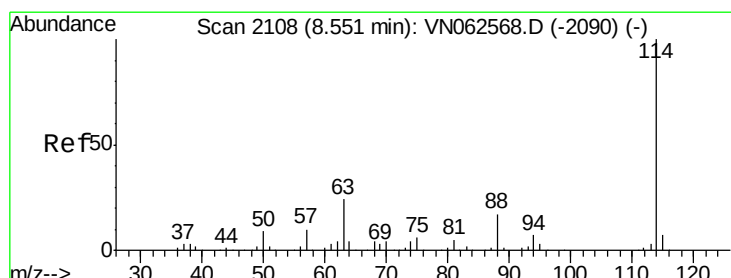
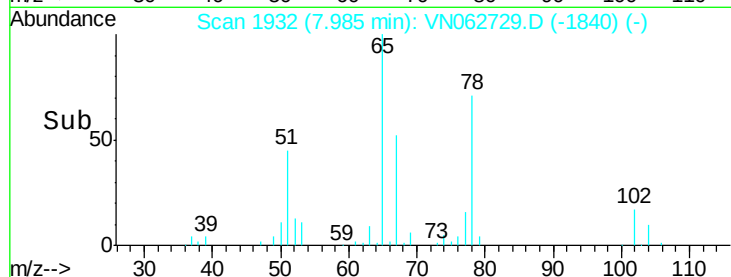
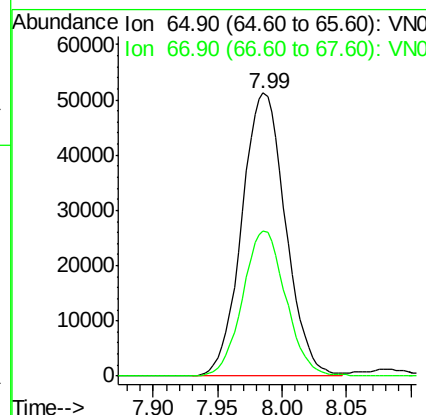
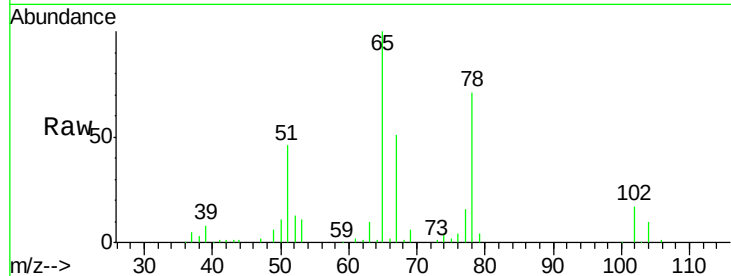
#33
 1,2-Dichloroethane-d4
 Concen: 56.944 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	50.6	0.0	106.0	

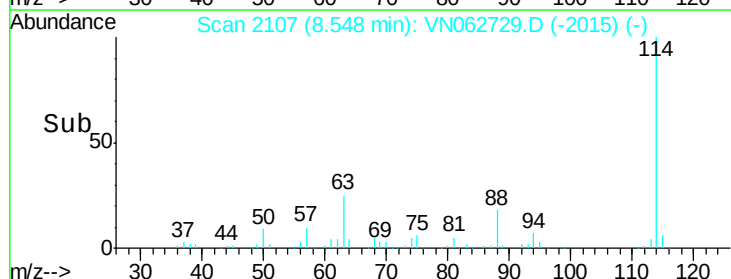
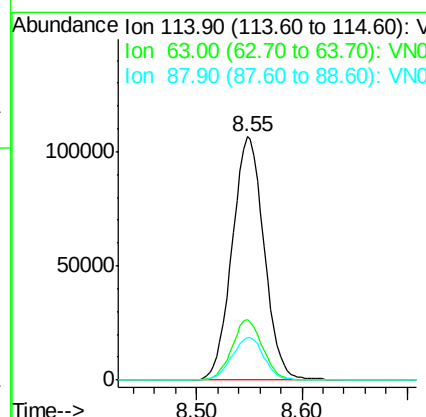
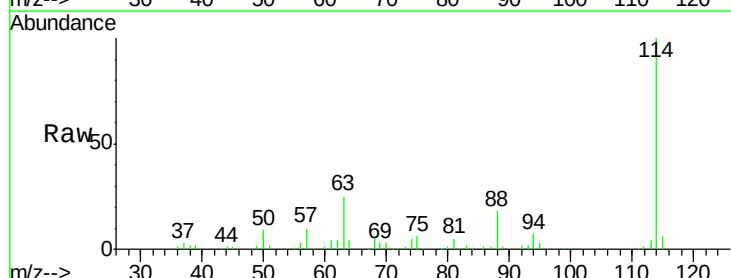
Manual Integrations
 APPROVED

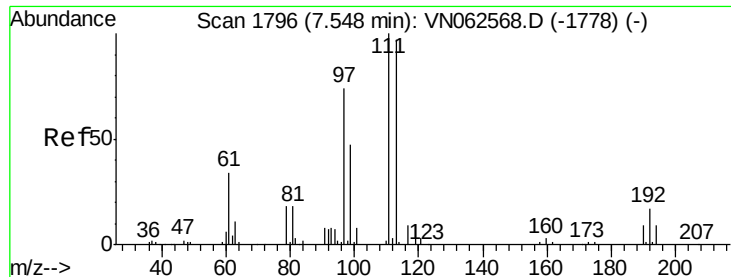
MMDadoda
 8/4/2020 1:52:17 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	24.7	0.0	48.4	
88	17.6	0.0	33.8	





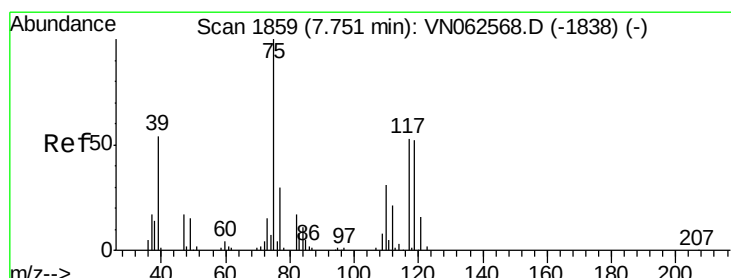
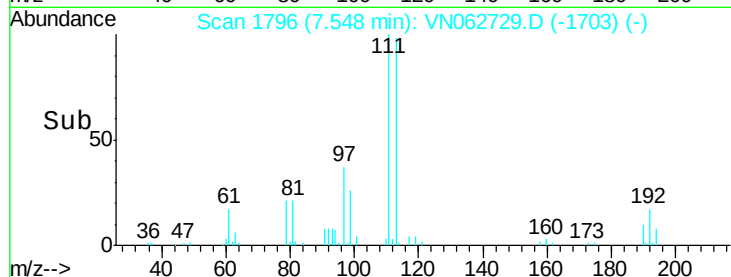
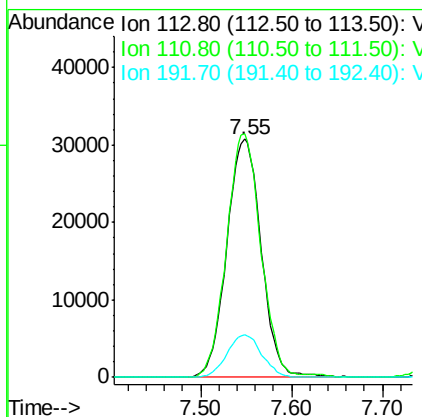
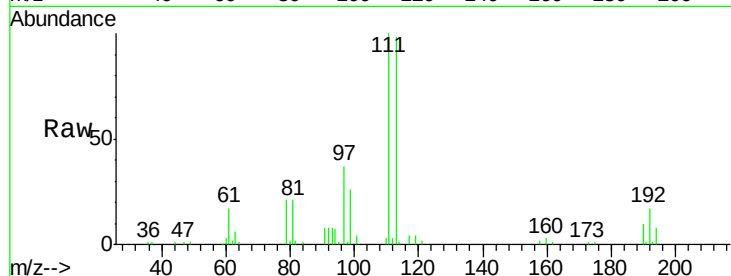
#35
 Dibromofluoromethane
 Concen: 54.919 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.7	124.1
192	17.9	14.8	22.2

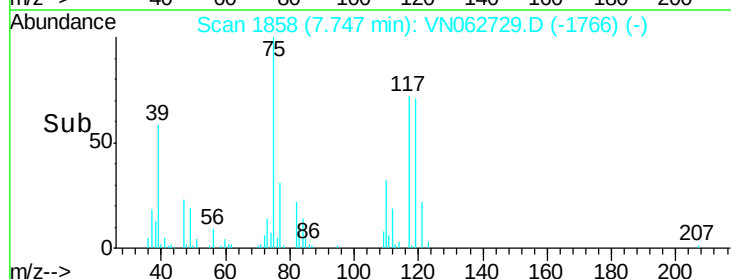
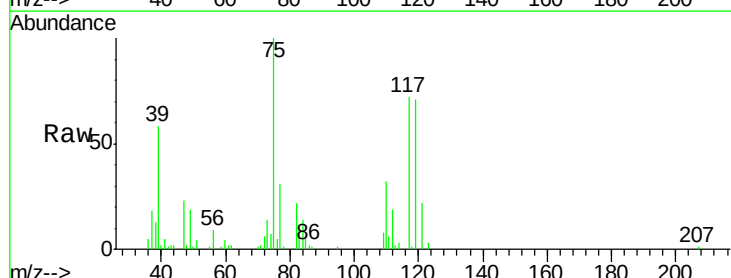
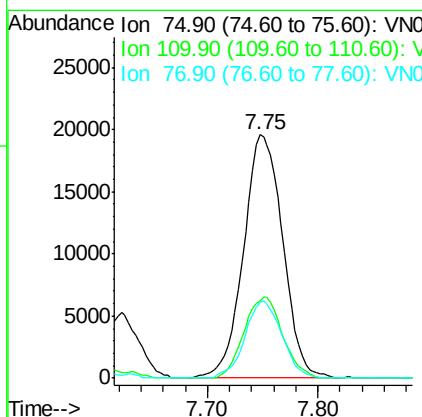
Manual Integrations
 APPROVED

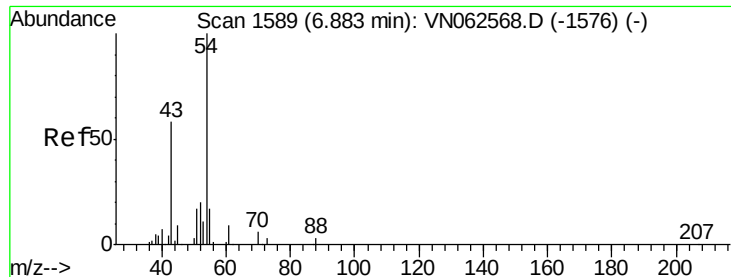
MMDadoda
 8/4/2020 1:52:17 PM



#36
 1,1-Dichloropropene
 Concen: 20.214 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.7	16.0	48.0
77	29.9	24.6	36.8





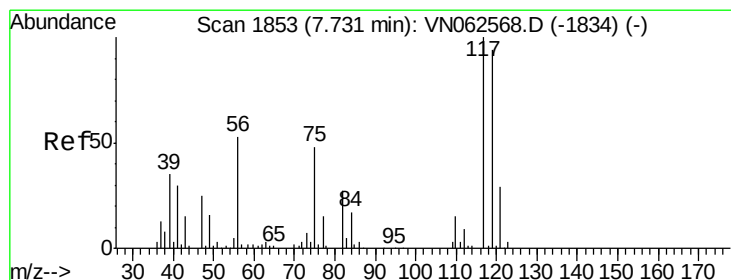
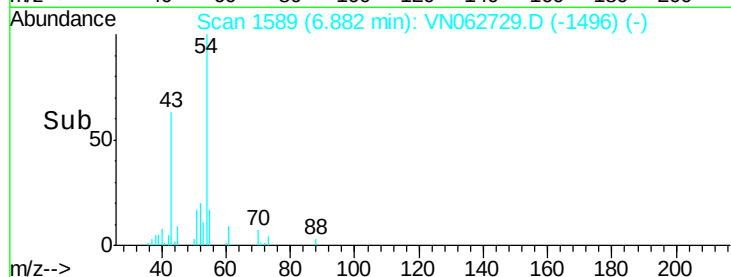
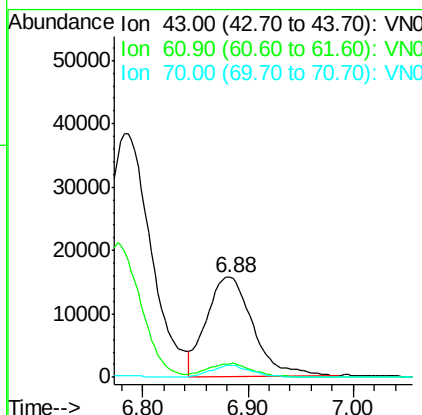
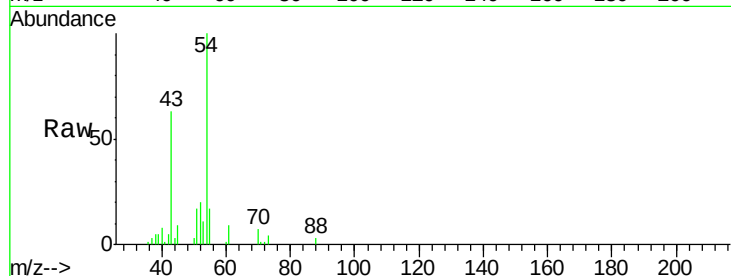
#37
Ethyl Acetate
Concen: 18.567 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.3	16.9
70	10.6	7.7	11.5

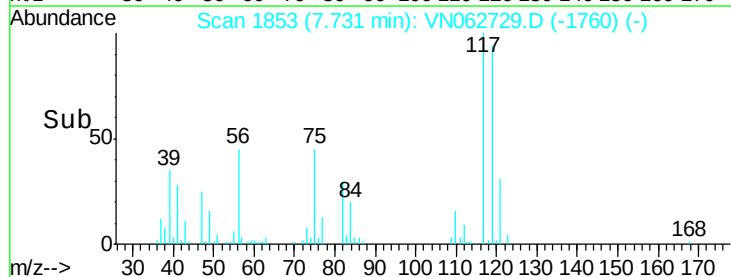
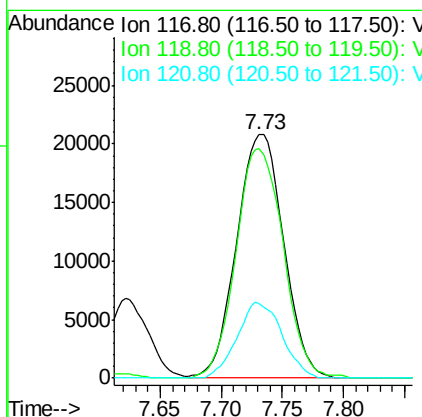
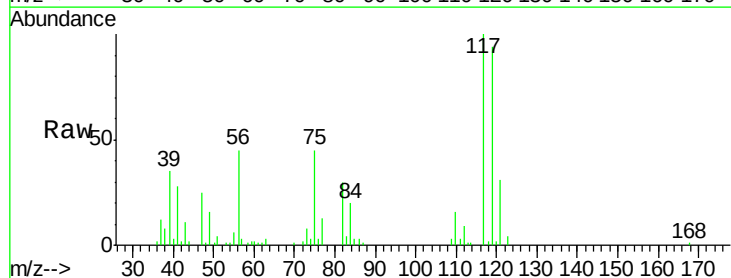
Manual Integrations
APPROVED

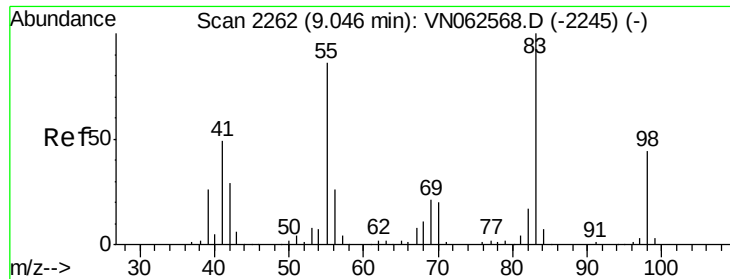
MMDadoda
8/4/2020 1:52:17 PM



#38
Carbon Tetrachloride
Concen: 24.235 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	74.8	112.2
121	30.6	23.0	34.6





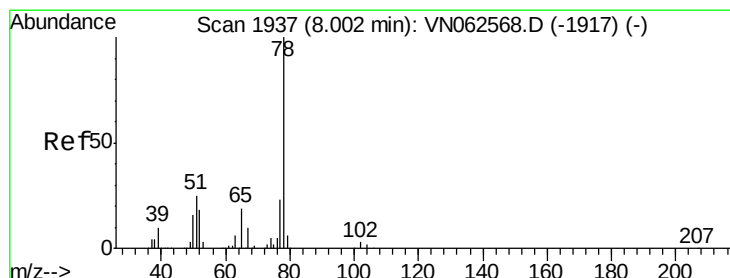
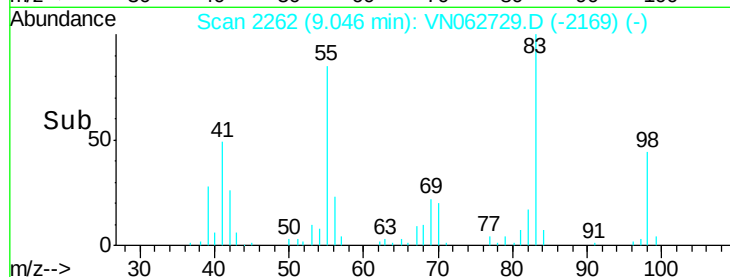
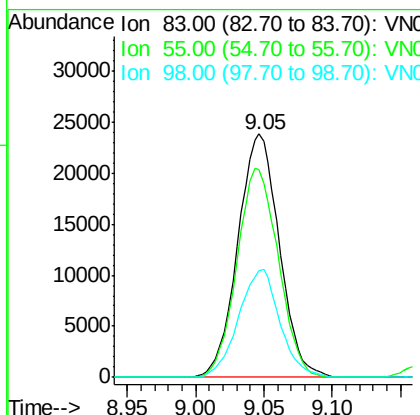
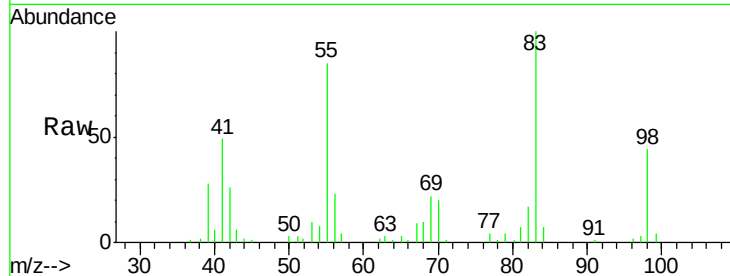
#39
Methvlcvclohexane
Concen: 19.536 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD01

Tot Ion	83	Resp	50232
Ion Ratio	Lower	Upper	
83	100		
55	85.1	68.9	103.3
98	43.8	35.1	52.7

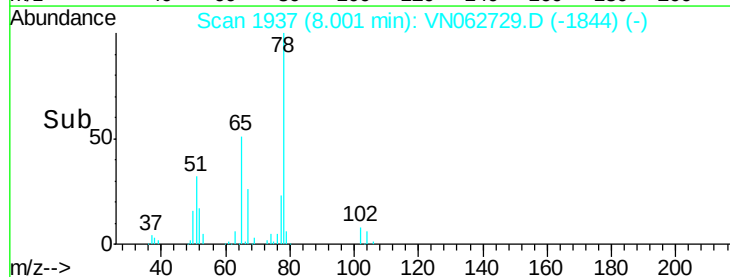
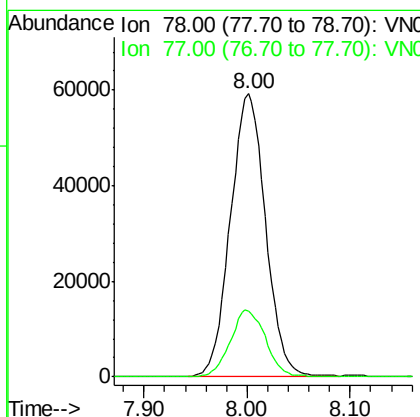
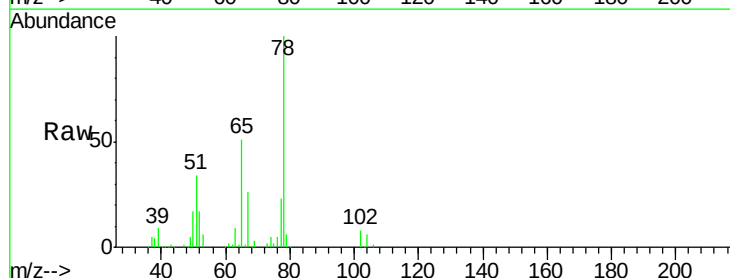
Manual Integrations
APPROVED

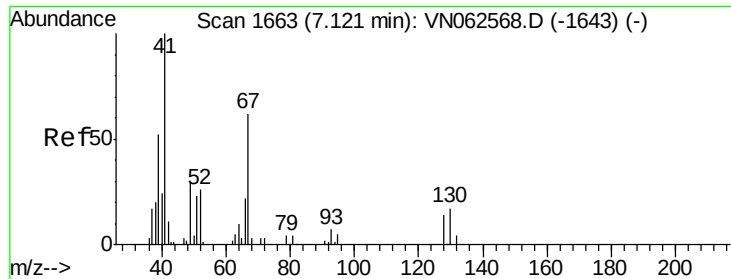
MMDadoda
8/4/2020 1:52:17 PM



#40
Benzene
Concen: 19.469 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Tgt Ion	78	Resp	140788
Ion Ratio	Lower	Upper	
78	100		
77	23.4	18.7	28.1





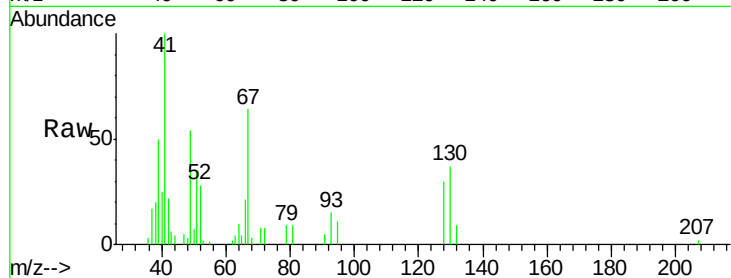
#41
Methacrylonitrile
Concen: 19.847 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.01 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
21901	41	100		
	39	49.8	55.8	83.6#
	67	88.3	72.5	108.7
	52	39.0	31.8	47.8

Manual Integrations
APPROVED

MMDadoda
8/4/2020 1:52:17 PM

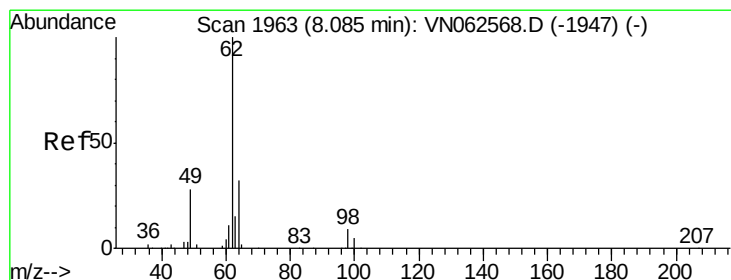
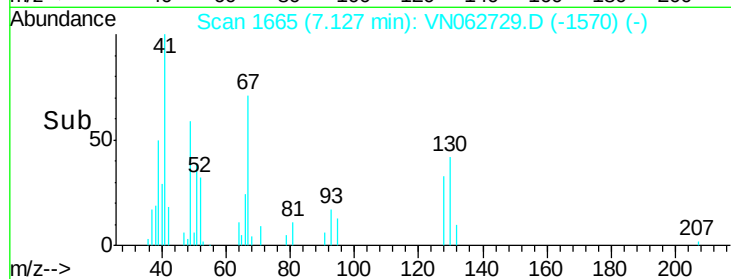
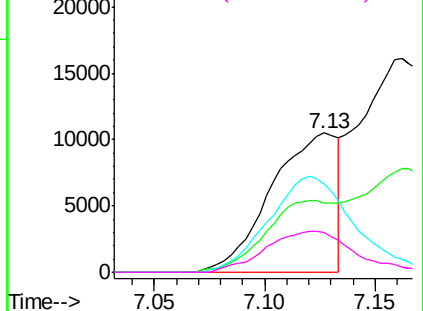


Abundance Ion 41.00 (40.70 to 41.70): VN062568.D (-1643) (-)

Ion 39.00 (38.70 to 39.70): VN062568.D (-1643) (-)

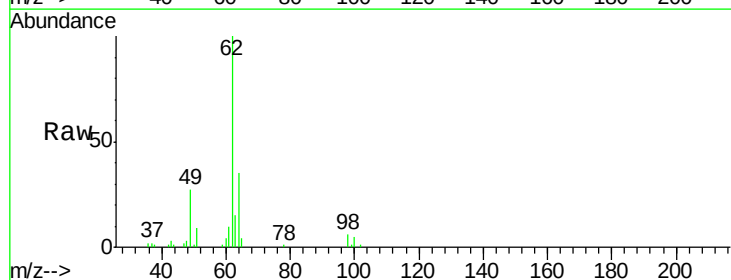
Ion 67.00 (66.70 to 67.70): VN062568.D (-1643) (-)

Ion 52.00 (51.70 to 52.70): VN062568.D (-1643) (-)



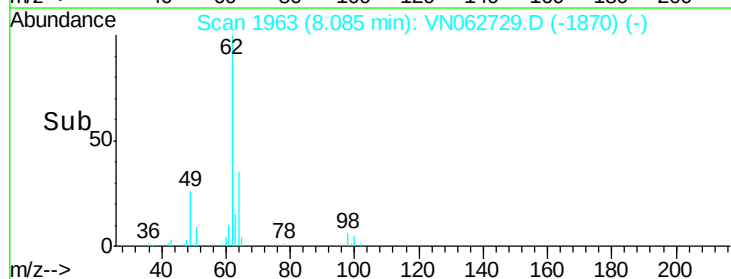
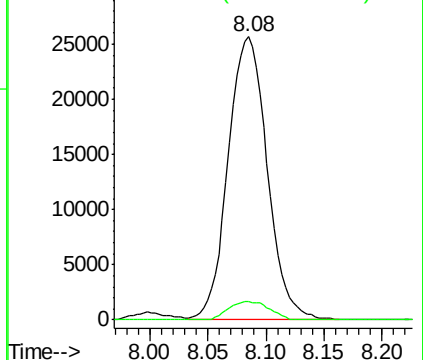
#42
1,2-Dichloroethane
Concen: 22.751 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

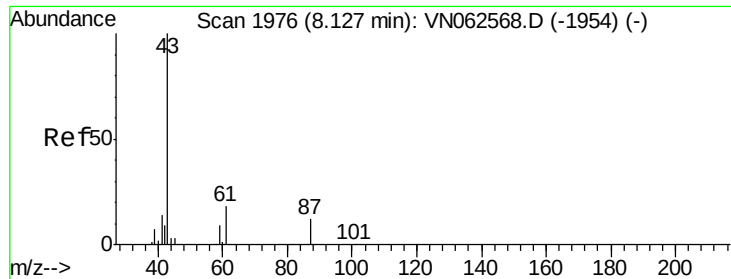
Tgt Ion	Ion	Ratio	Lower	Upper
60150	62	100		
	98	6.7	0.0	16.2



Abundance Ion 61.90 (61.60 to 62.60): VN062568.D (-1947) (-)

Ion 97.90 (97.60 to 98.60): VN062568.D (-1947) (-)





#43

Isopropyl Acetate

Concen: 19.081 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

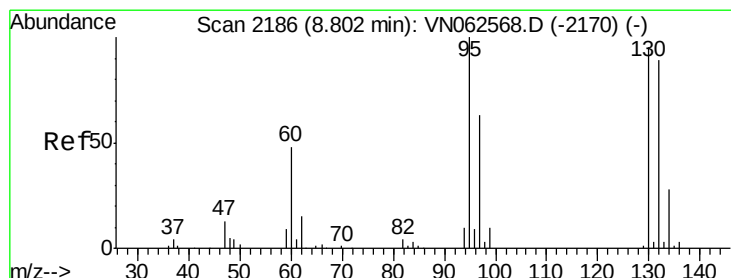
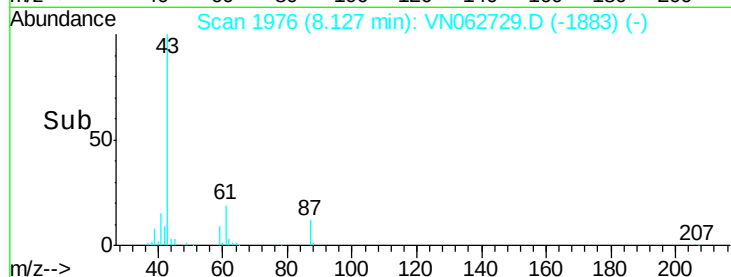
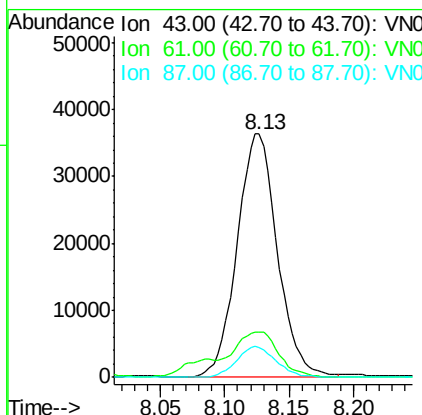
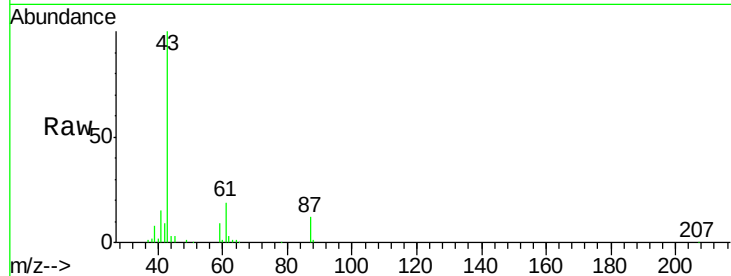
ClientSampleId :

VN0803WBSD01

Tot Ion:	43	Resp:	79200
Ion	Ratio	Lower	Upper
43	100		
61	20.0	20.8	31.2#
87	12.4	9.2	13.8

Manual Integrations
APPROVED

MMDadoda
8/4/2020 1:52:17 PM



#44

Trichloroethene

Concen: 20.822 ug/l

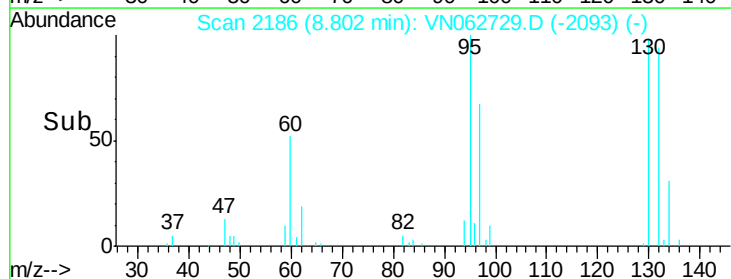
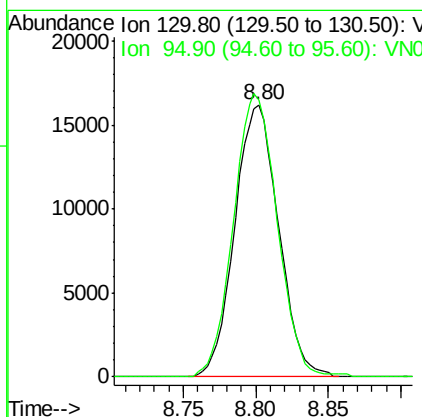
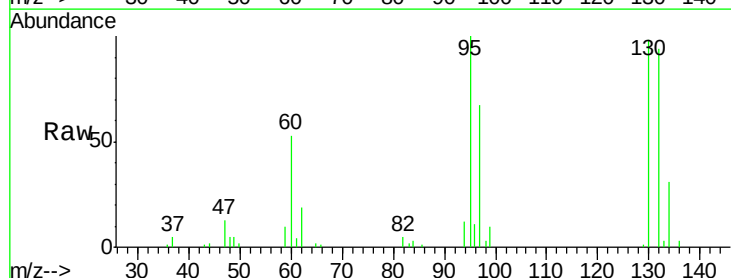
RT: 8.80 min Scan# 2186

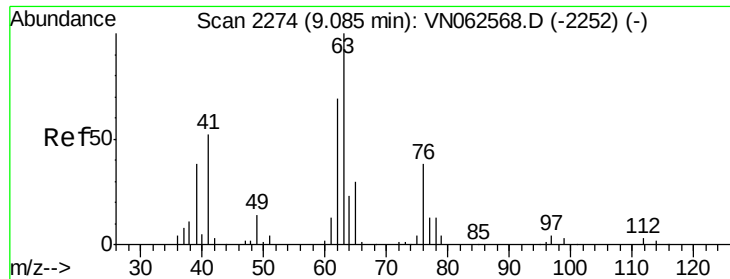
Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Tgt Ion:	130	Resp:	33956
Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	210.4





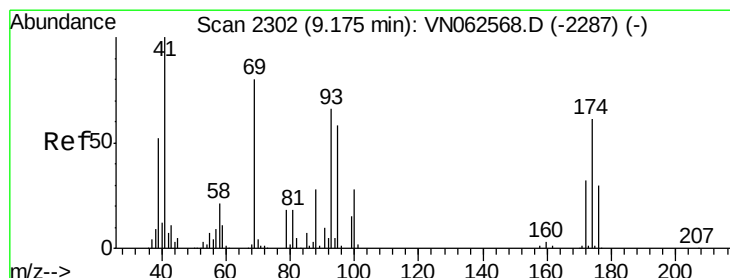
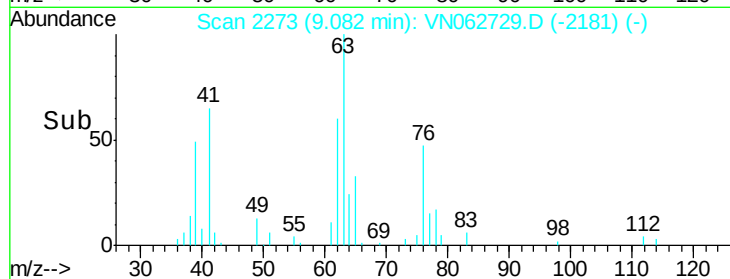
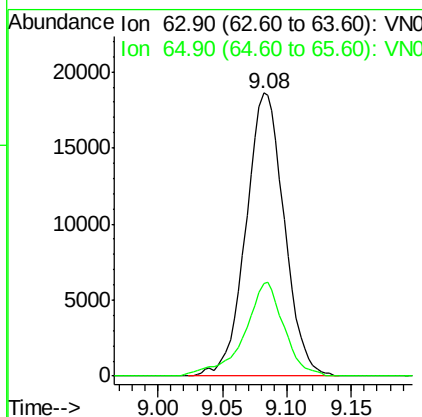
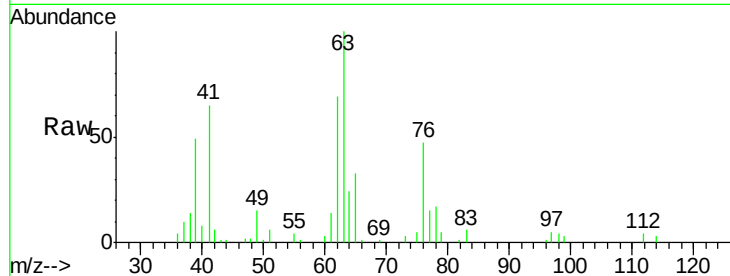
#45
 1,2-Dichloropropane
 Concen: 18.990 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBSD01

Tot Ion: 63 Resp: 38557
 Ion Ratio Lower Upper
 63 100
 65 32.7 24.4 36.6

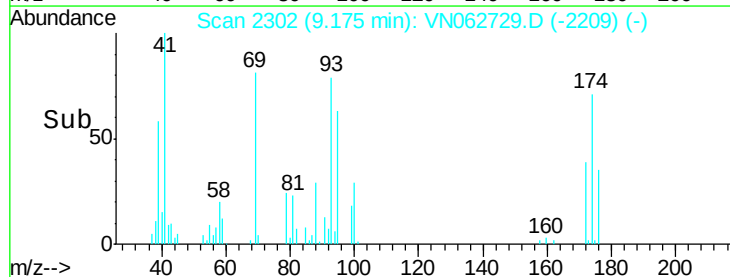
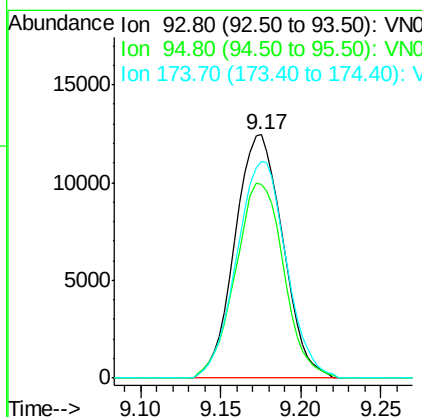
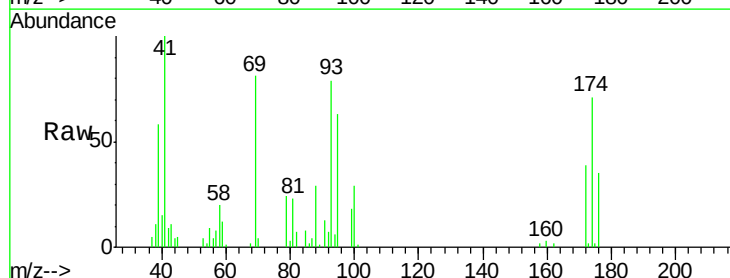
Manual Integrations
 APPROVED

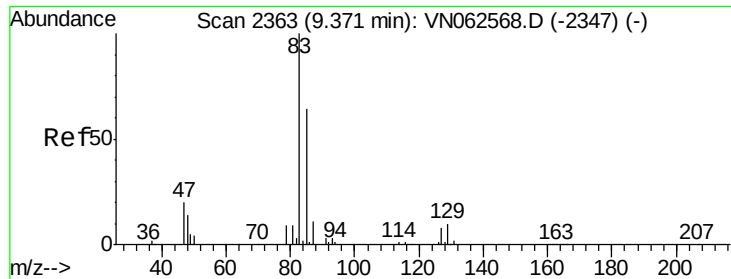
MMDadoda
 8/4/2020 1:52:17 PM



#46
 Dibromomethane
 Concen: 21.693 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Tgt Ion: 93 Resp: 25457
 Ion Ratio Lower Upper
 93 100
 95 80.9 67.6 101.4
 174 92.0 72.5 108.7





#47

Bromodichloromethane

Concen: 21.933 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

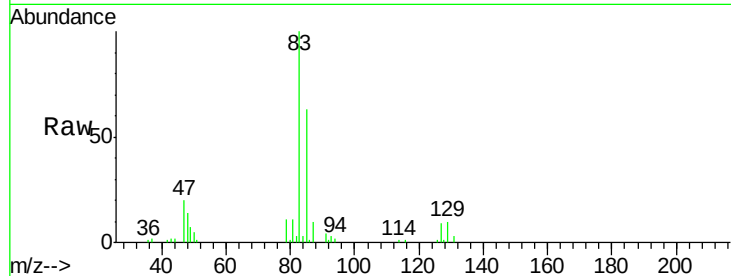
ClientSampleId :

VN0803WBSD01

Tot Ion:	83	Resp:	55761
Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.6	77.4
127	9.0	6.2	9.2

Manual Integrations
APPROVED

MMDadoda
8/4/2020 1:52:17 PM



Abundance Ion 82.90 (82.60 to 83.60): VN062729.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062729.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062729.D (-2270) (-)

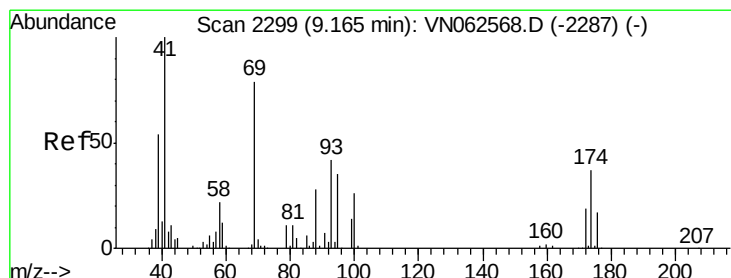
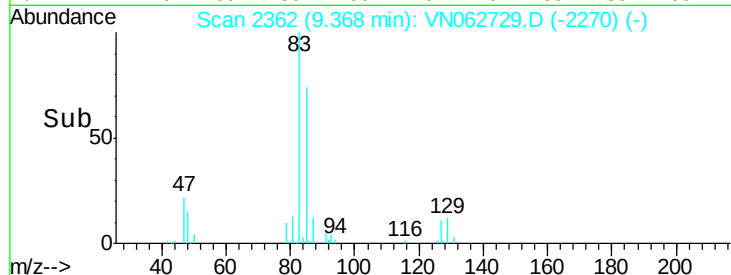
Time-->

9.37

9.35

9.40

9.45



#48

Methyl methacrylate

Concen: 19.348 ug/l

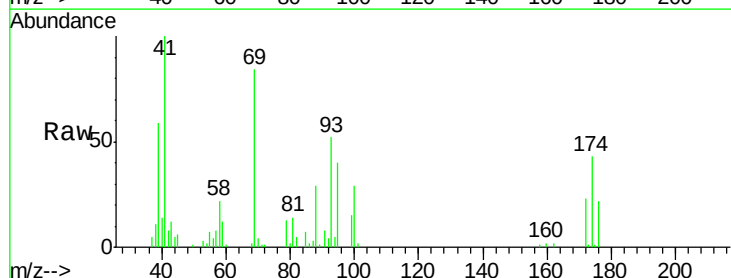
RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Tgt Ion:	41	Resp:	38176
Ion	Ratio	Lower	Upper
41	100		
69	84.3	64.4	96.6
39	60.5	43.5	65.3



Abundance Ion 41.00 (40.70 to 41.70): VN062729.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062729.D (-2206) (-)

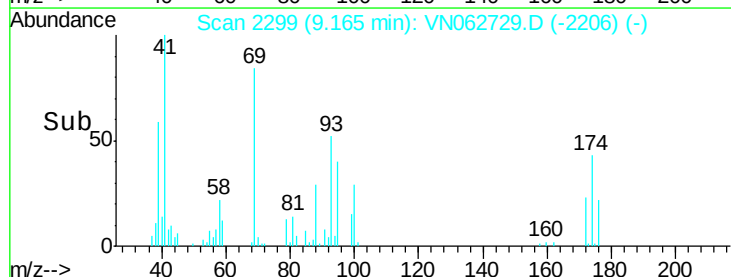
Ion 39.00 (38.70 to 39.70): VN062729.D (-2206) (-)

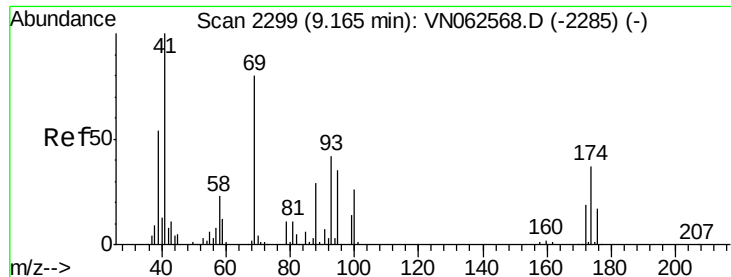
Time-->

9.17

9.15

9.20





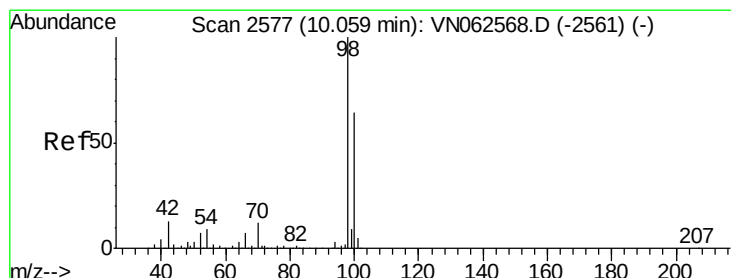
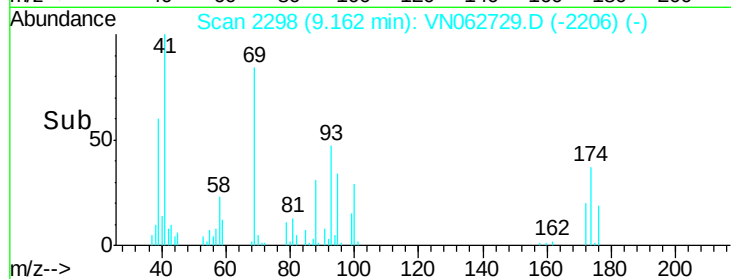
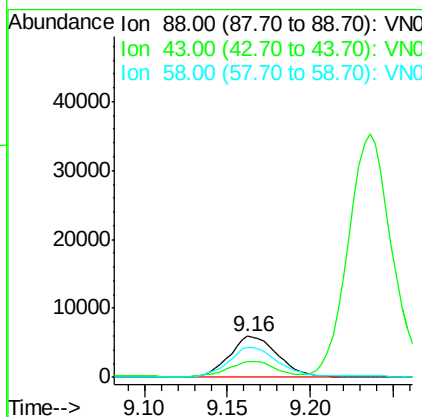
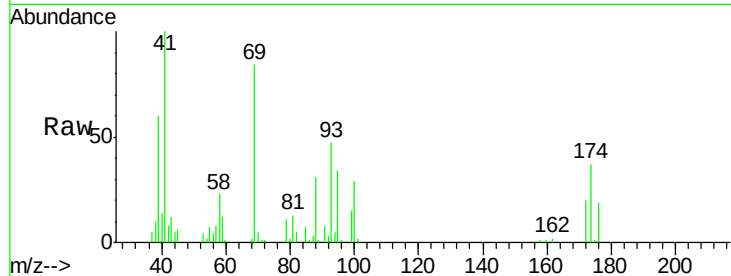
#49
1,4-Dioxane
Concen: 398.610 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD01

Tot Ion	88	Resp	12080
Ion	Ratio	Lower	Upper
88	100		
43	39.3	32.0	48.0
58	75.5	62.8	94.2

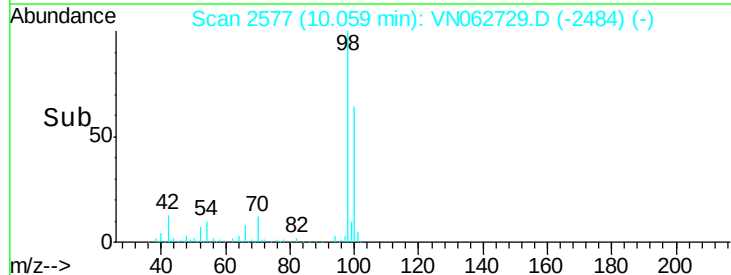
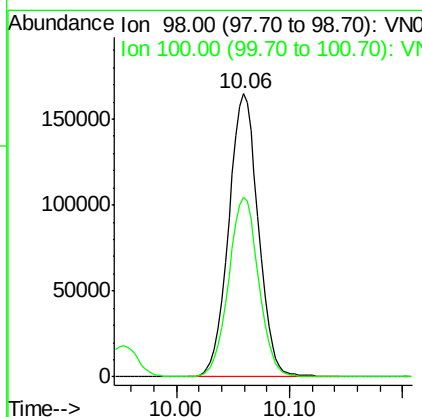
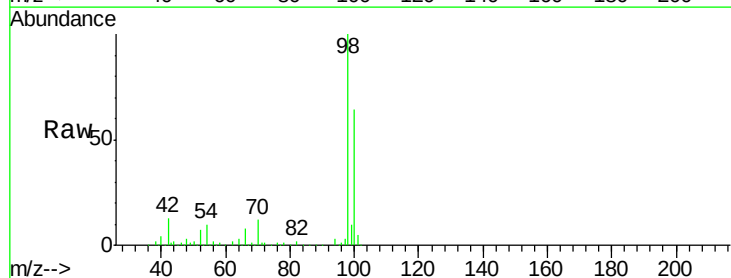
Manual Integrations
APPROVED

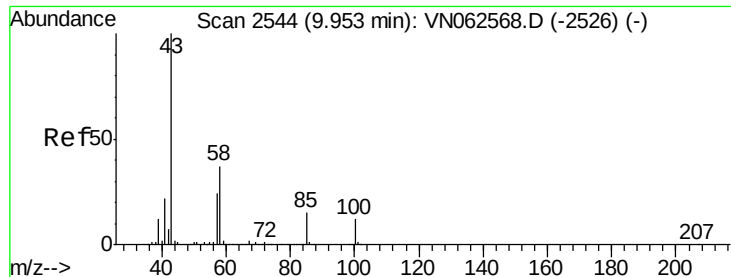
MMDadoda
8/4/2020 1:52:17 PM



#50
Toluene-d8
Concen: 51.074 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Tgt Ion	98	Resp	299966
Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 96.379 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBSD01

Tot Ion: 43 Resp: 239367

Ion Ratio Lower Upper

43 100

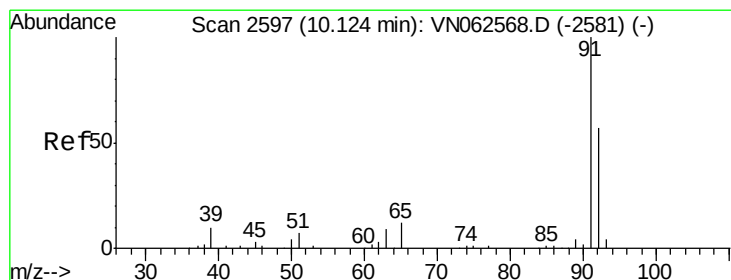
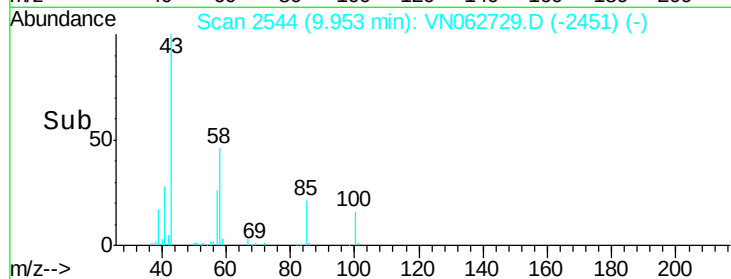
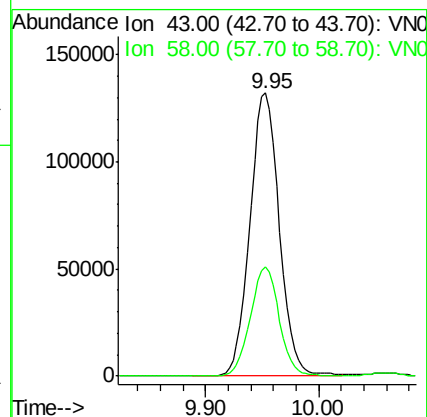
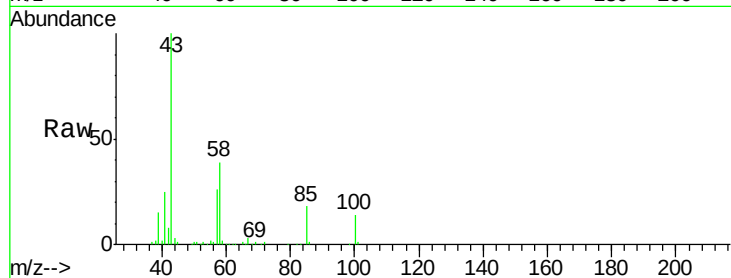
58 37.9 29.8 44.6

Manual Integrations

APPROVED

MMDadoda

8/4/2020 1:52:17 PM



#52

Toluene

Concen: 20.327 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062729.D

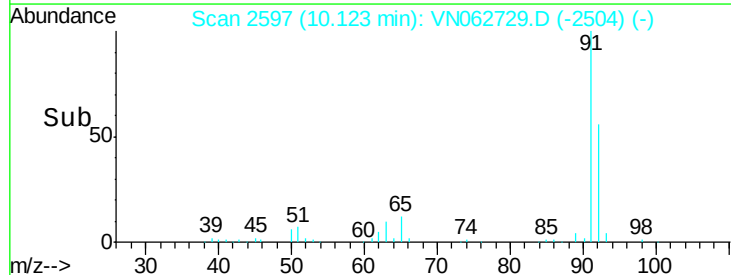
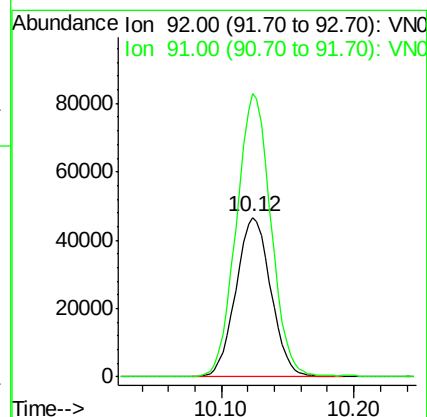
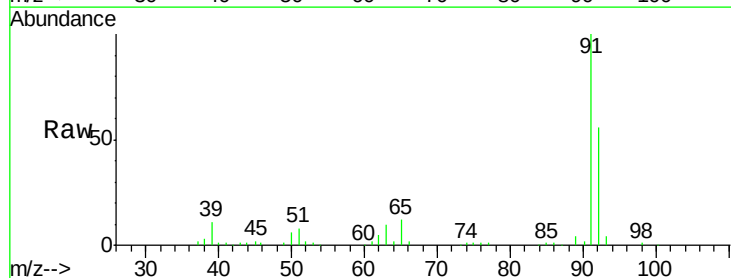
Acq: 3 Aug 2020 12:36

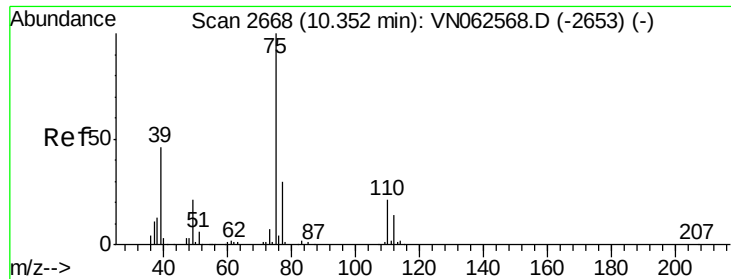
Tgt Ion: 92 Resp: 85357

Ion Ratio Lower Upper

92 100

91 176.2 139.4 209.2





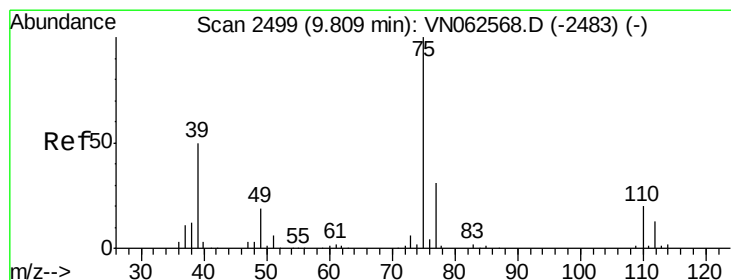
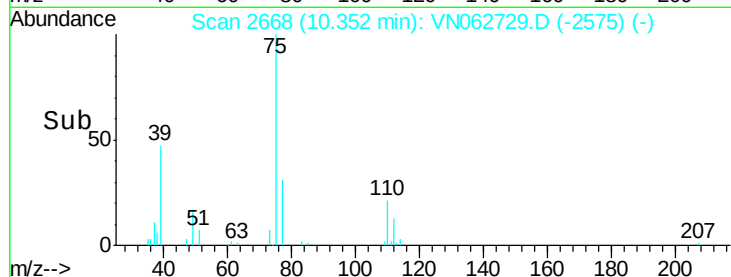
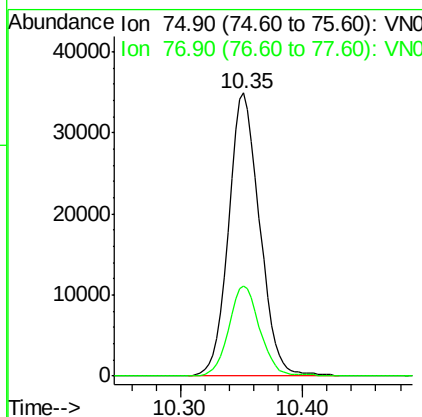
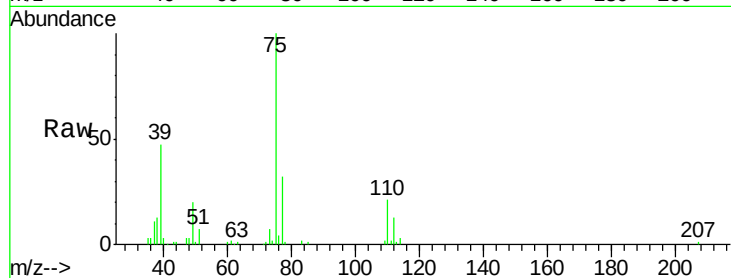
#53
 t-1,3-Dichloropropene
 Concen: 21.875 ug/l
 RT: 10.35 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.3	36.5

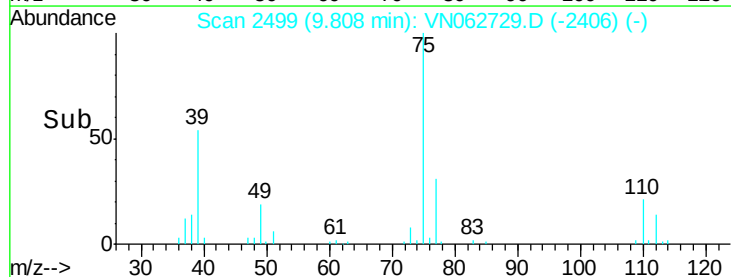
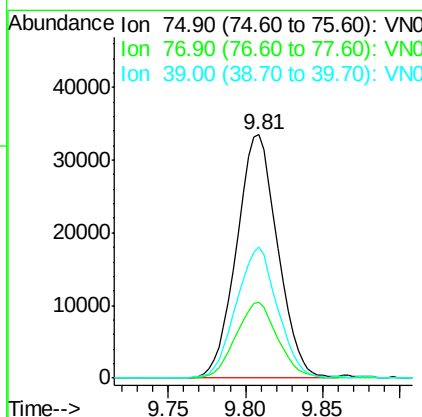
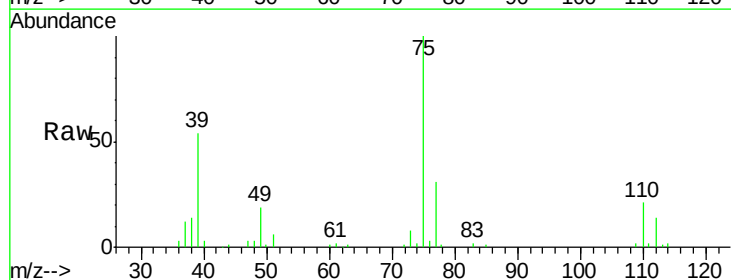
Manual Integrations
 APPROVED

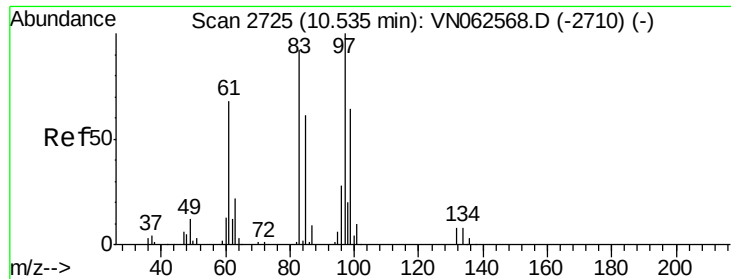
MMDadoda
 8/4/2020 1:52:17 PM



#54
 cis-1,3-Dichloropropene
 Concen: 20.447 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.0	37.6
39	53.6	39.8	59.8





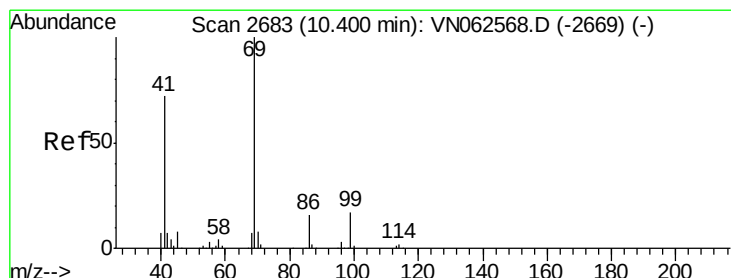
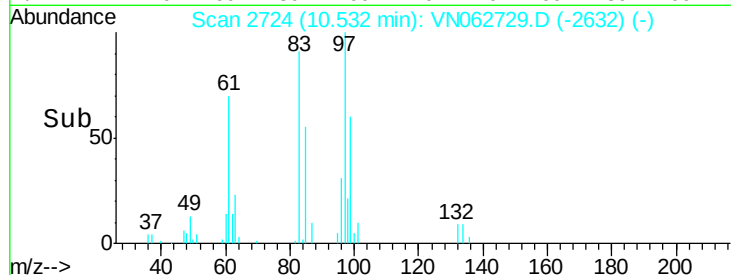
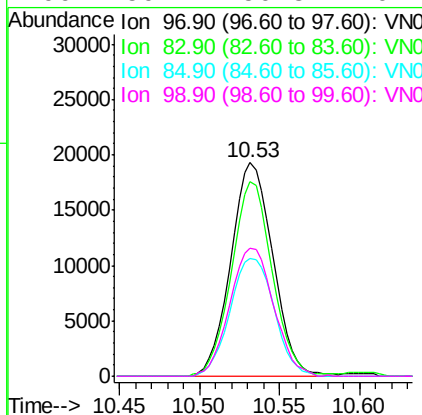
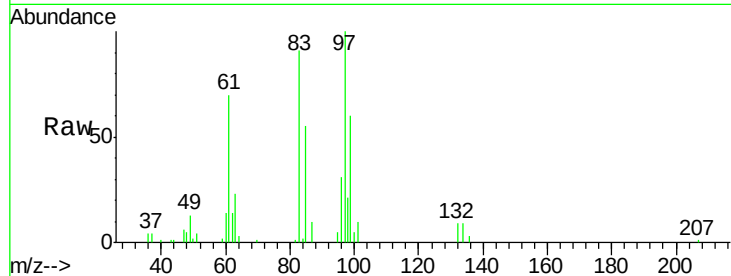
#55
 1,1,2-Trichloroethane
 Concen: 21.253 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBSD01

Tot Ion:	97	Resp:	34616
Ion	Ratio	Lower	Upper
97	100		
83	91.2	73.7	110.5
85	55.3	48.5	72.7
99	59.7	50.8	76.2

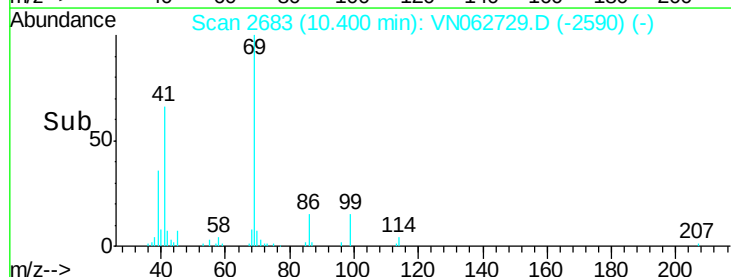
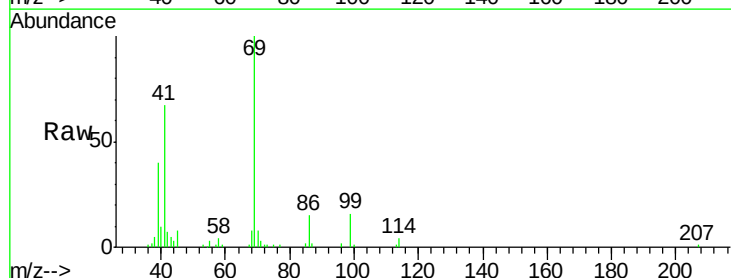
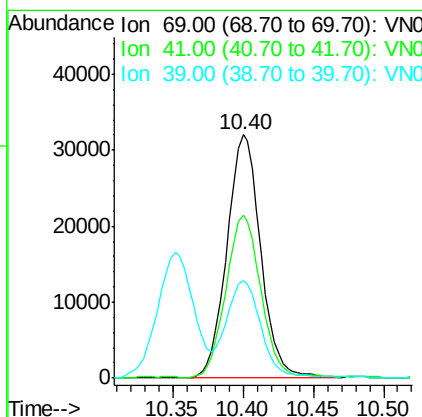
Manual Integrations
 APPROVED

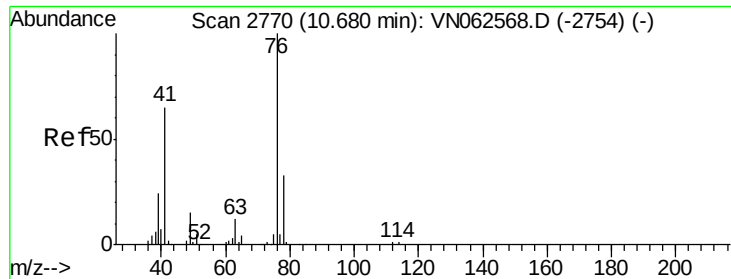
MMDadoda
 8/4/2020 1:52:17 PM



#56
 Ethyl methacrylate
 Concen: 19.521 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Tgt Ion:	69	Resp:	53823
Ion	Ratio	Lower	Upper
69	100		
41	68.9	57.2	85.8
39	41.4	28.6	43.0





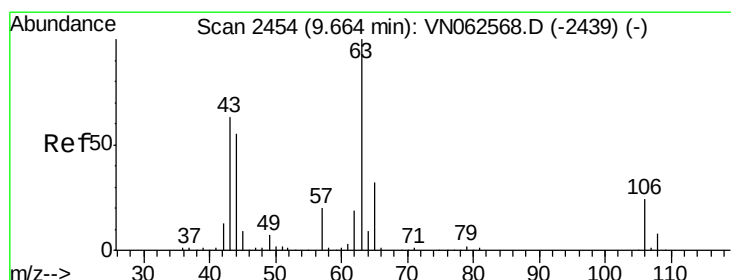
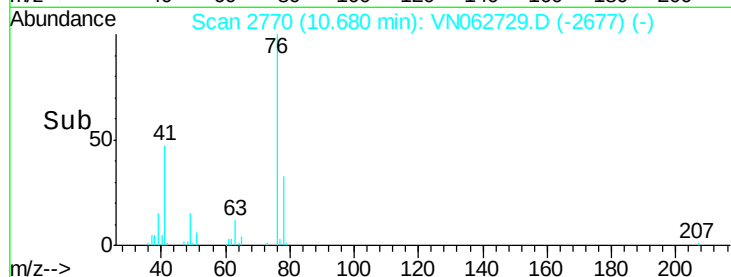
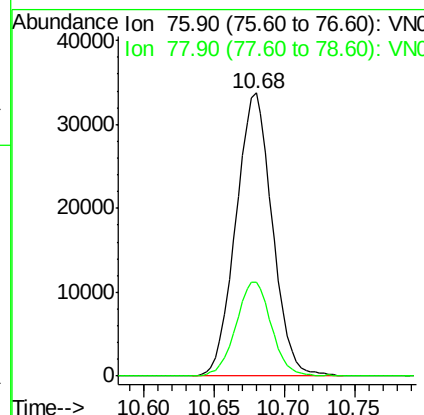
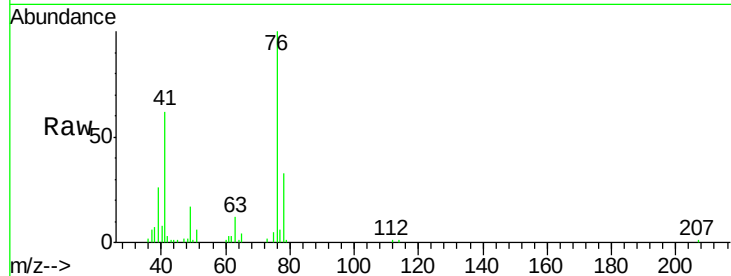
#57
 1,3-Dichloropropane
 Concen: 20.406 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.3	39.5

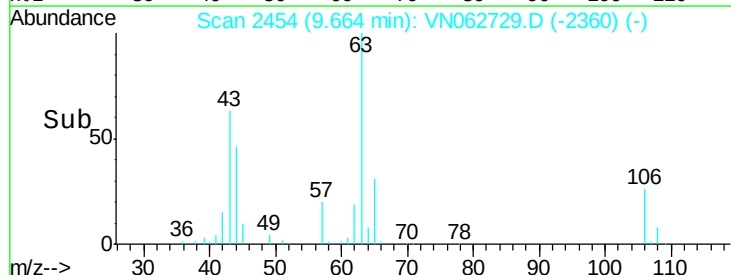
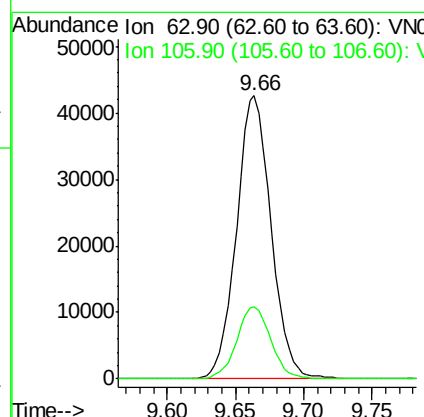
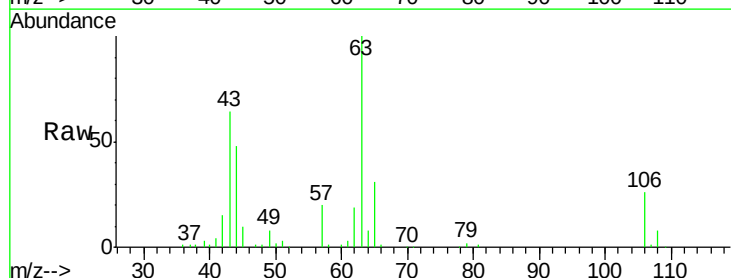
Manual Integrations
 APPROVED

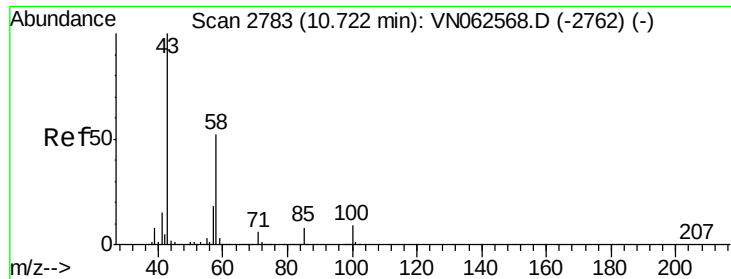
MMDadoda
 8/4/2020 1:52:17 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.976 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.1	18.9	28.3





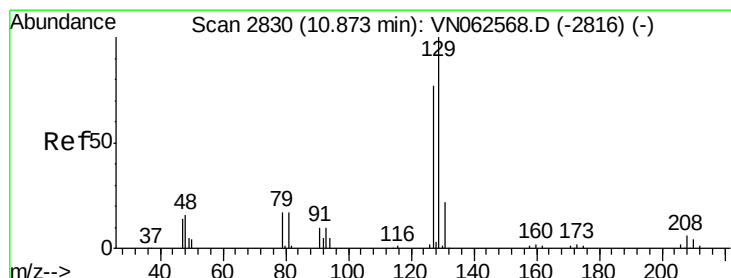
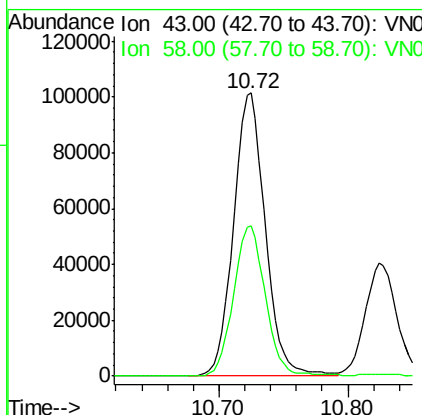
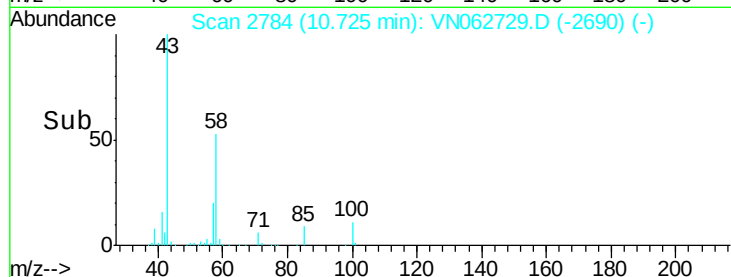
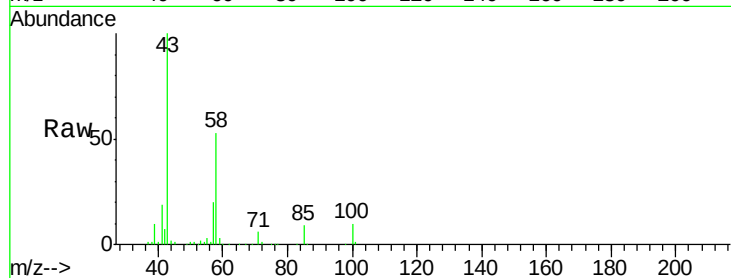
#59
2-Hexanone
Concen: 92.325 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD01

Tot Ion: 43 Resp: 173703
Ion Ratio Lower Upper
43 100
58 53.2 26.0 78.0

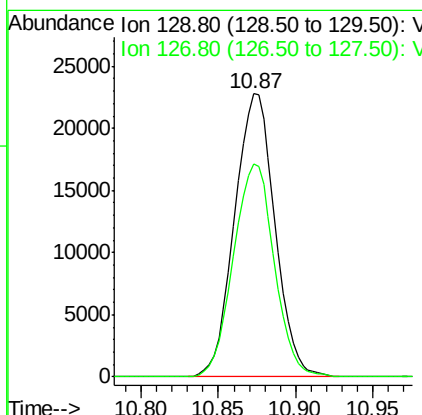
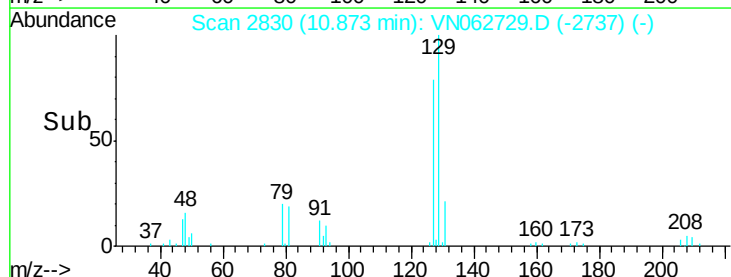
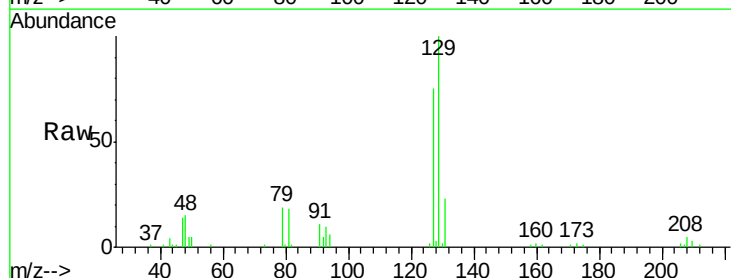
Manual Integrations
APPROVED

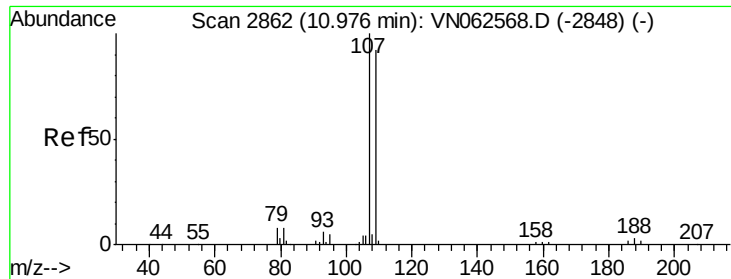
MMDadoda
8/4/2020 1:52:17 PM



#60
Dibromochloromethane
Concen: 22.716 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Tgt Ion: 129 Resp: 41276
Ion Ratio Lower Upper
129 100
127 76.1 38.0 113.9





#61

1,2-Dibromoethane

Concen: 20.547 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBSD01

Tot Ion:107 Resp: 34849

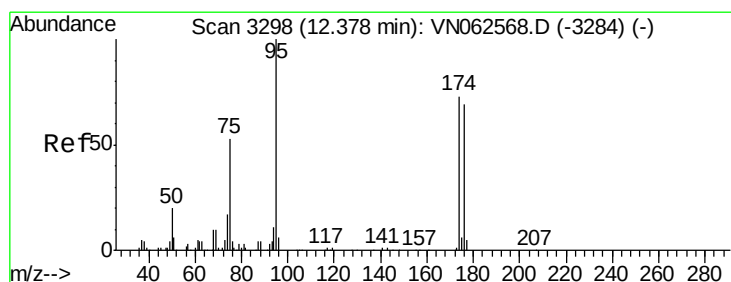
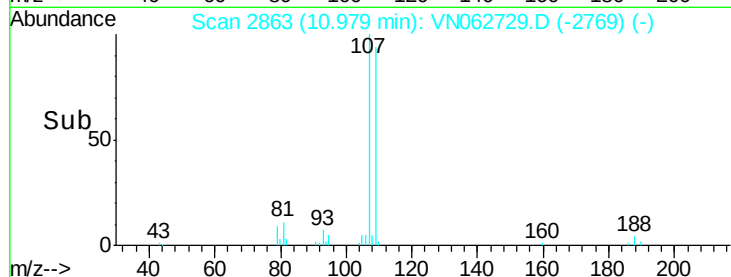
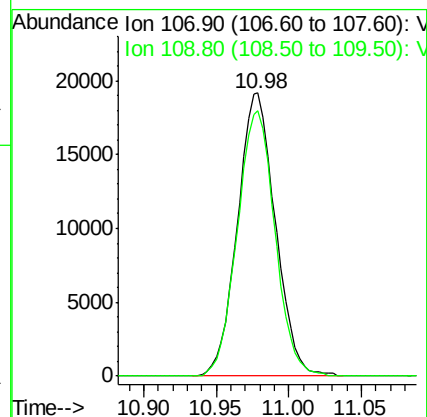
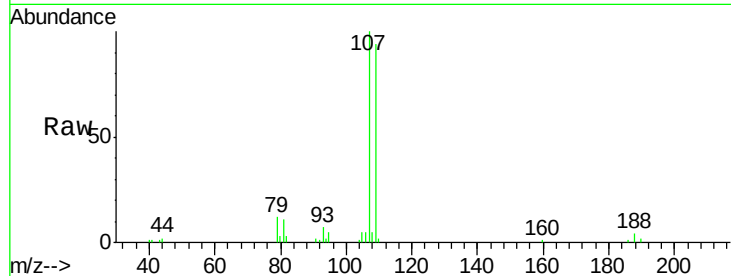
Ion Ratio Lower Upper

107 100

109 93.1 73.8 110.6

Manual Integrations
APPROVED

MMDadoda
8/4/2020 1:52:17 PM



#62

4-Bromofluorobenzene

Concen: 52.865 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

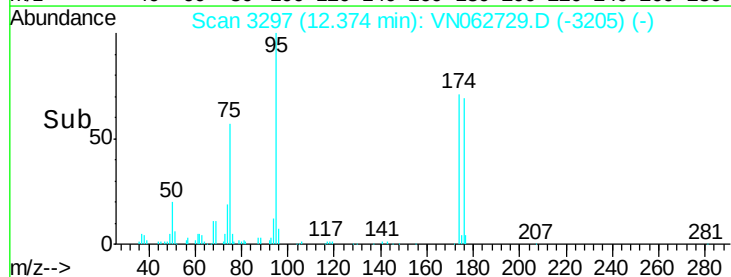
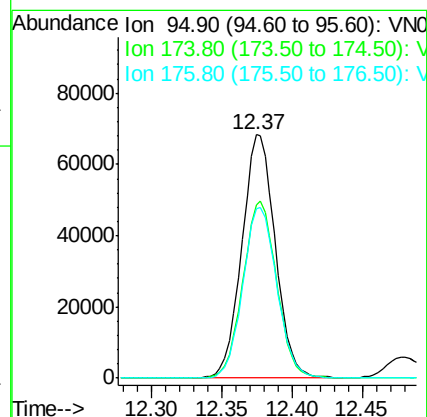
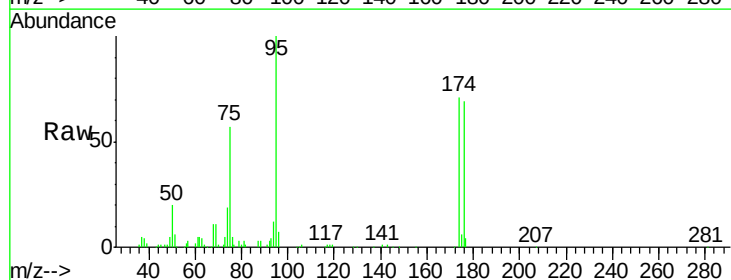
Tgt Ion: 95 Resp: 113526

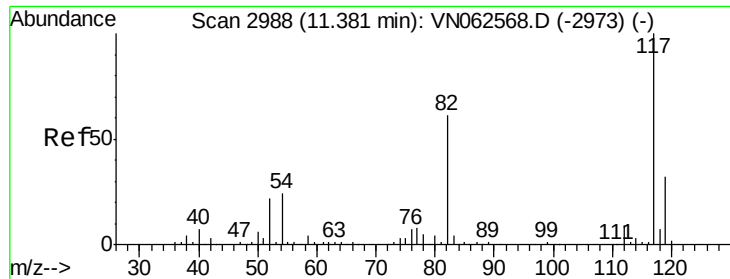
Ion Ratio Lower Upper

95 100

174 73.3 0.0 144.6

176 71.3 0.0 139.4





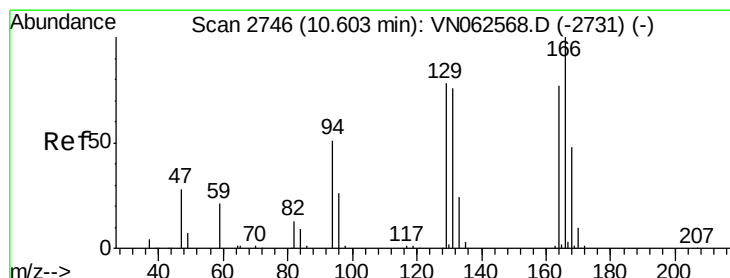
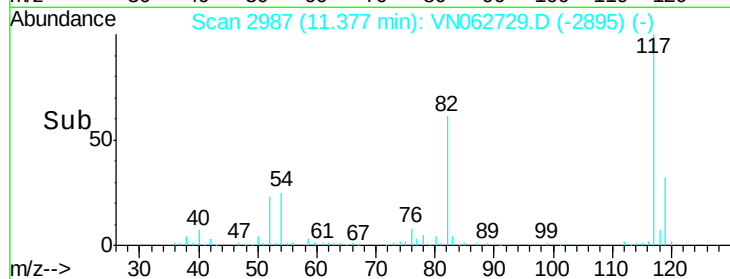
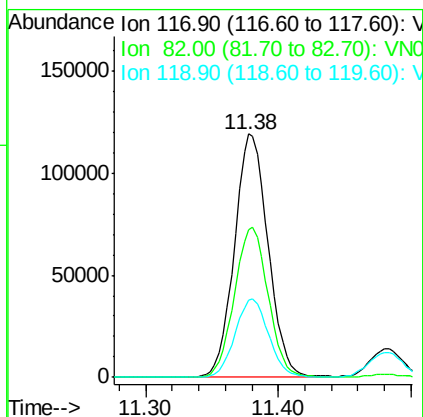
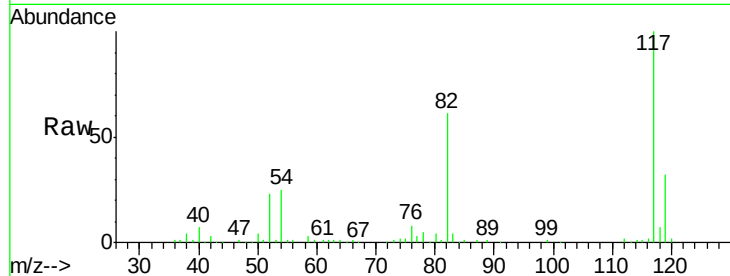
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	209713		
82	60.8	49.0	73.6	
119	31.6	25.4	38.2	

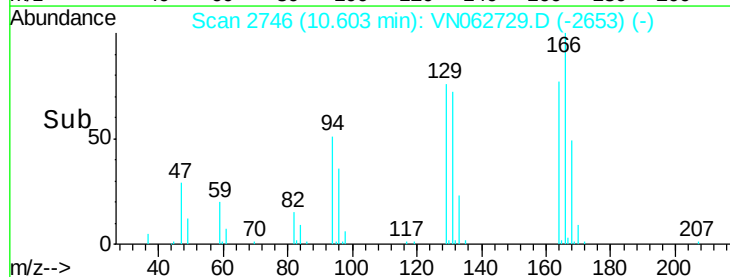
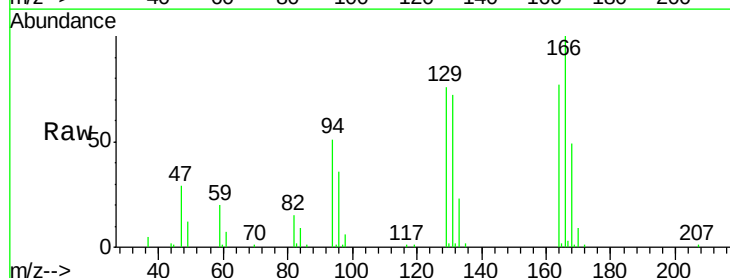
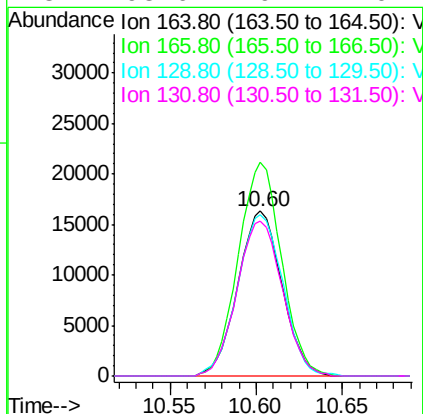
Manual Integrations
APPROVED

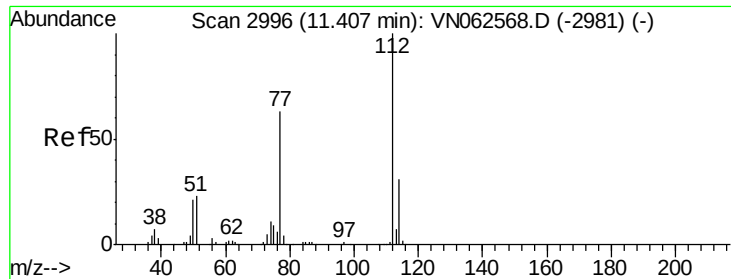
MMDadoda
8/4/2020 1:52:17 PM



#64
Tetrachloroethene
Concen: 21.269 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	28980		
166	129.5	104.4	156.6	
129	98.1	81.0	121.4	
131	93.6	79.4	119.2	





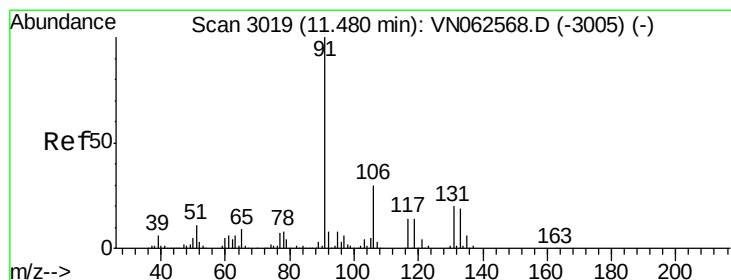
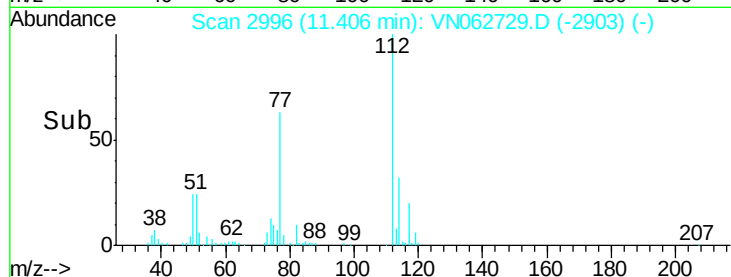
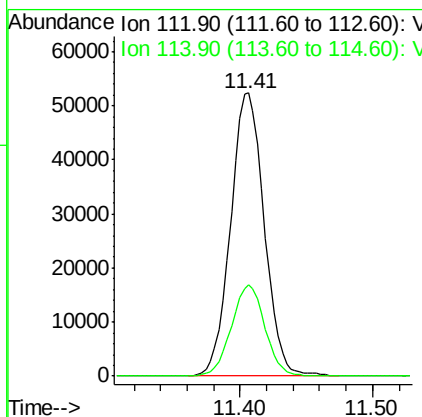
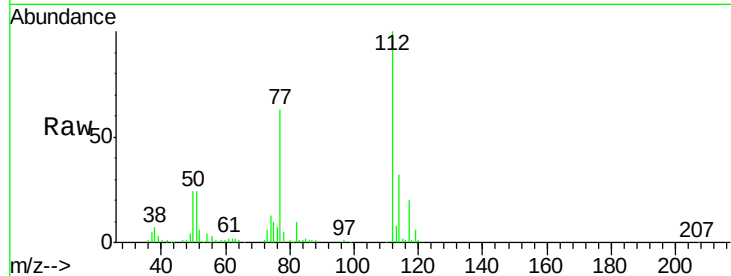
#65
Chlorobenzene
Concen: 20.915 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD01

Tot Ion:112 Resp: 91954
Ion Ratio Lower Upper
112 100
114 32.2 25.1 37.7

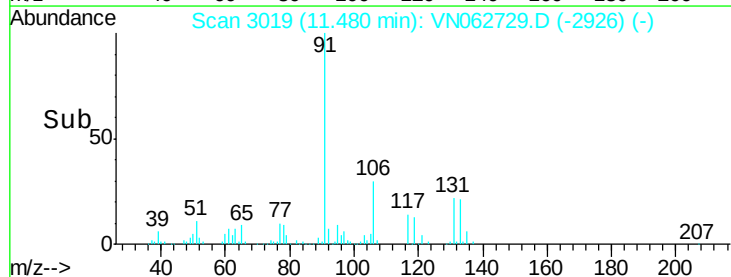
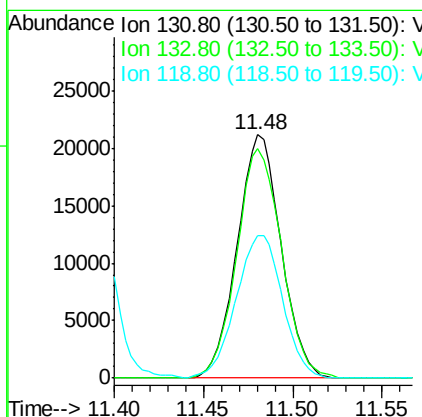
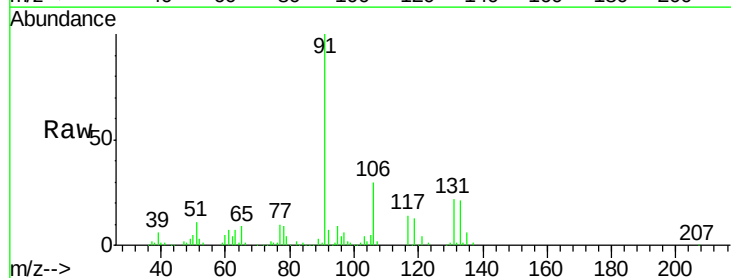
Manual Integrations
APPROVED

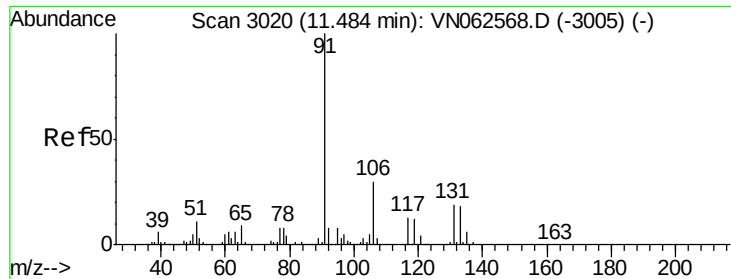
MMDadoda
8/4/2020 1:52:17 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.995 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Tgt Ion:131 Resp: 36378
Ion Ratio Lower Upper
131 100
133 96.4 47.3 142.0
119 61.9 33.7 101.0





#67

Ethyl Benzene

Concen: 20.446 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBSD01

Tot Ion: 91 Resp: 164814

Ion Ratio Lower Upper

91 100

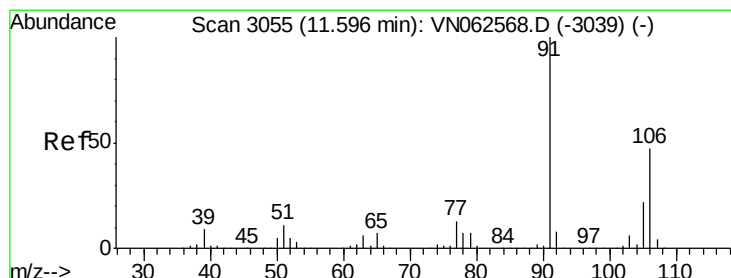
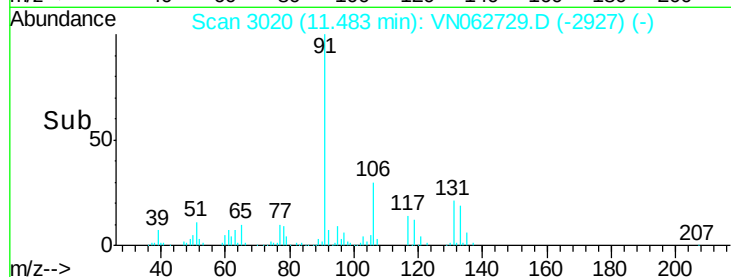
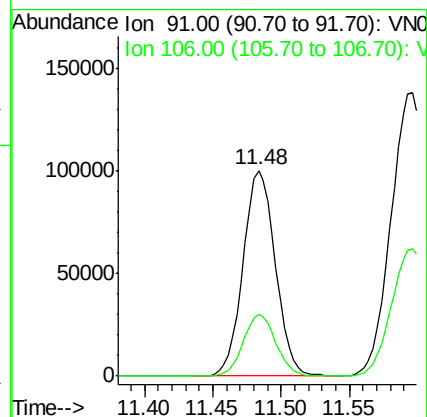
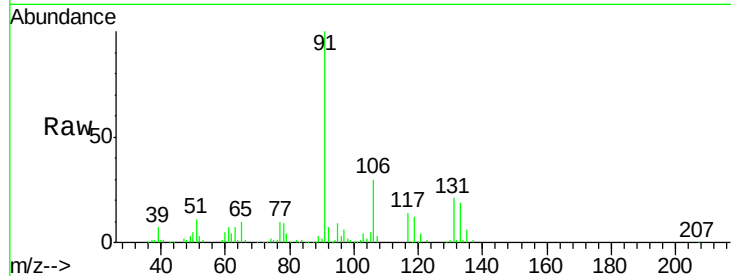
106 30.0 23.8 35.8

Manual Integrations

APPROVED

MMDadoda

8/4/2020 1:52:17 PM



#68

m/p-Xylenes

Concen: 41.933 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. -0.00 min

Lab File: VN062729.D

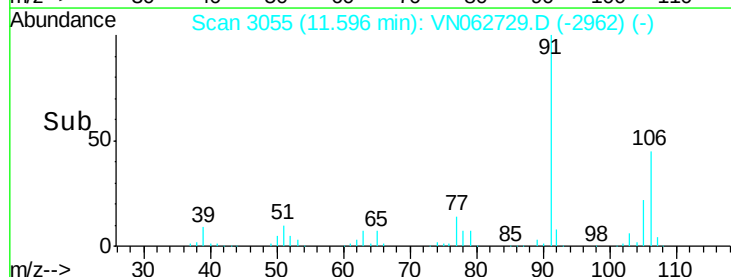
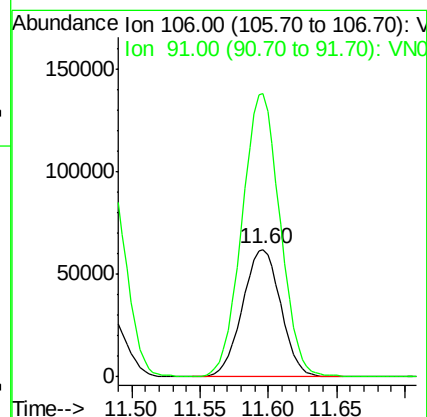
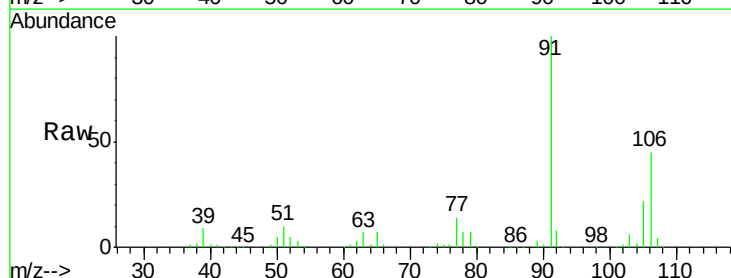
Acq: 3 Aug 2020 12:36

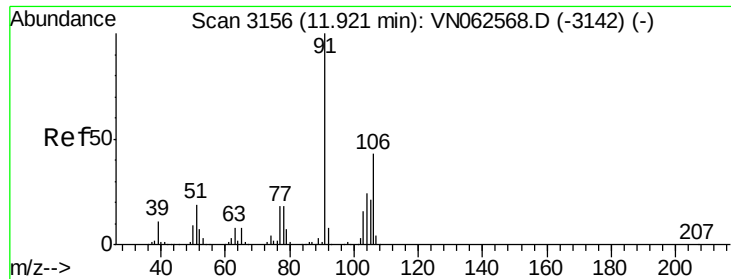
Tgt Ion: 106 Resp: 121496

Ion Ratio Lower Upper

106 100

91 219.0 171.4 257.2





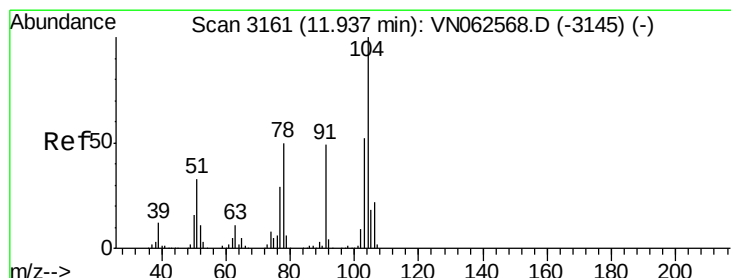
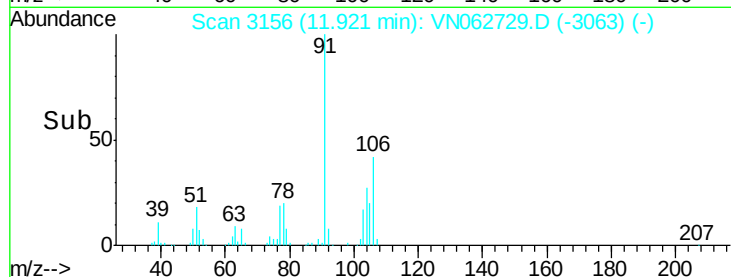
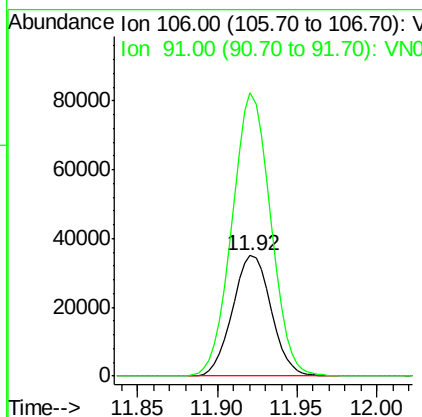
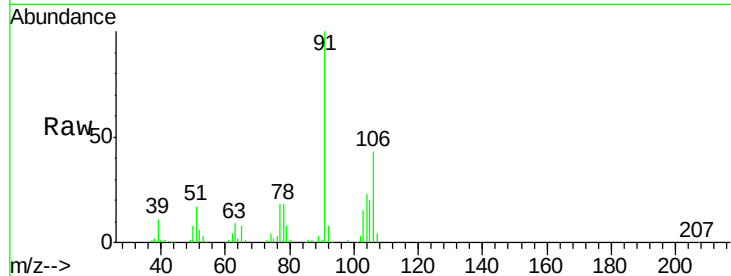
#69
o-Xylene
Concen: 21.016 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		57823		
91	234.3	113.8	341.2		

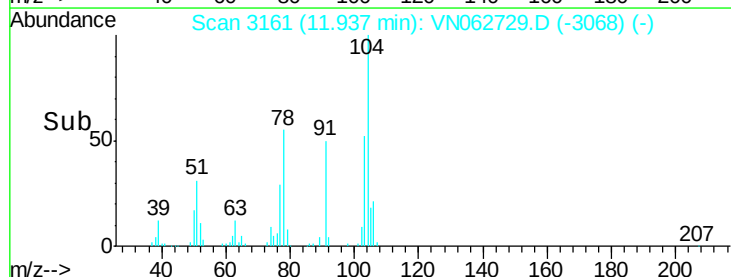
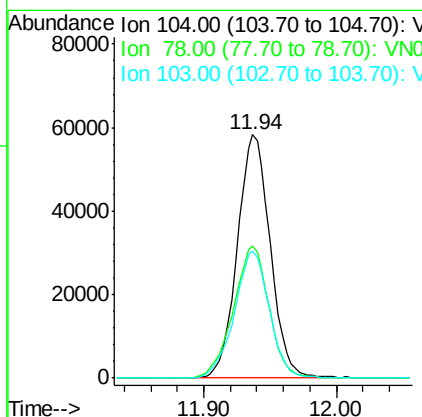
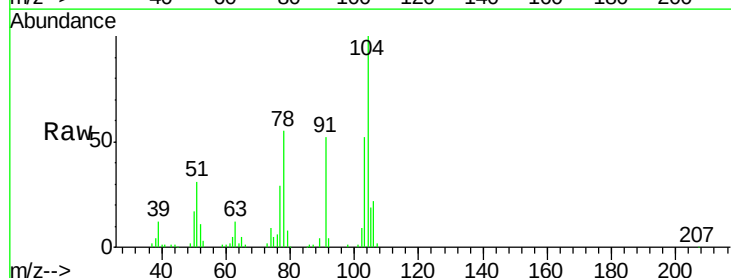
Manual Integrations
APPROVED

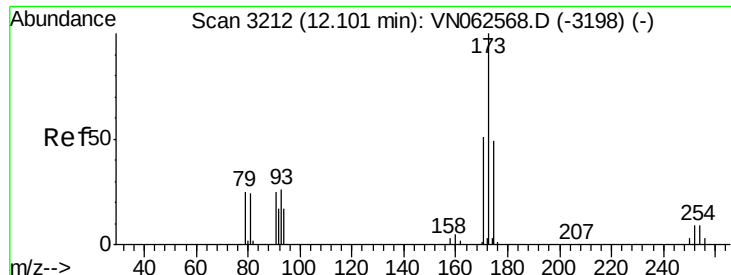
MMDadoda
8/4/2020 1:52:17 PM



#70
Styrene
Concen: 21.633 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		100545		
78	58.7	43.8	65.6		
103	55.4	44.0	66.0		





#71

Bromoform

Concen: 23.084 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

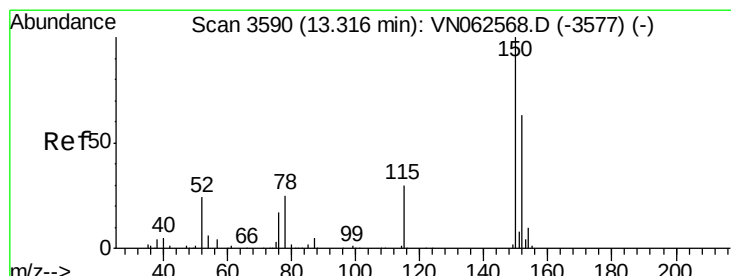
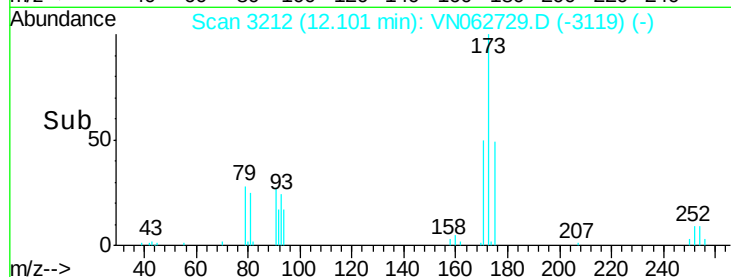
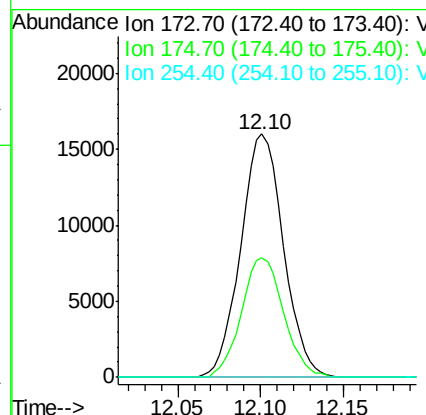
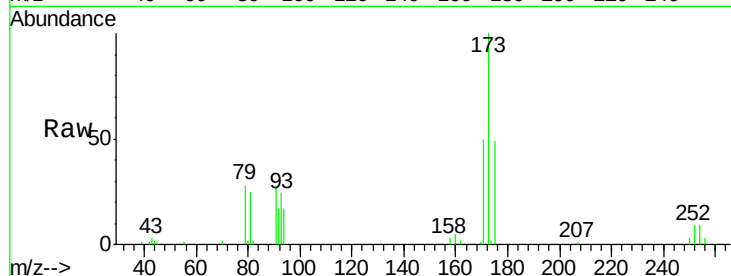
ClientSampleId :

VN0803WBSD01

Tot Ion:173	Resp:	28667
Ion Ratio	Lower	Upper
173 100		
175 48.6	24.1	72.2
254 0.0	0.0	0.0

Manual Integrations
APPROVED

MMDadoda
8/4/2020 1:52:17 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

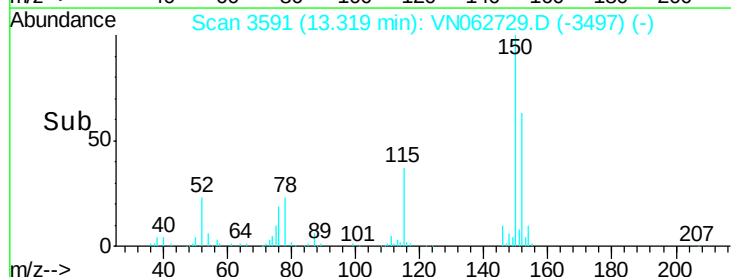
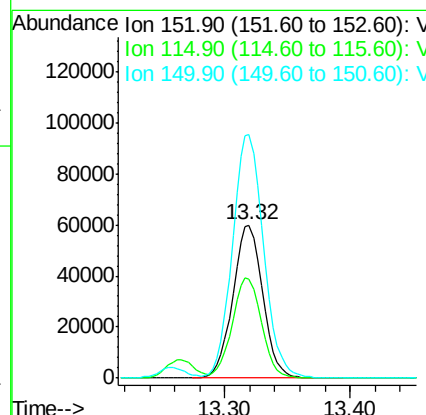
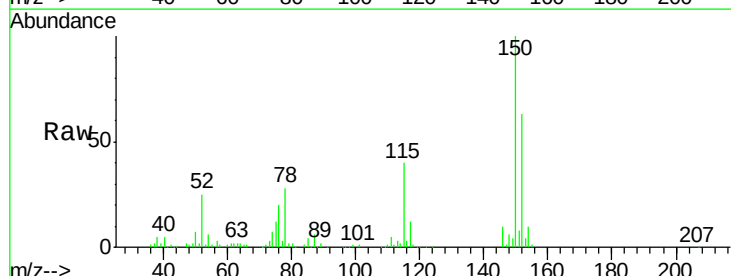
RT: 13.32 min Scan# 3591

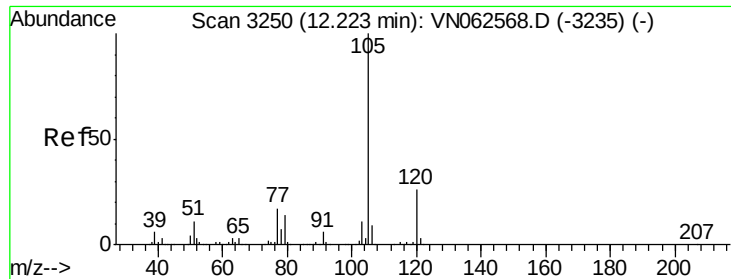
Delta R.T. 0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Tgt Ion:152	Resp:	99320
Ion Ratio	Lower	Upper
152 100		
115 64.2	31.8	95.4
150 164.1	0.0	351.4





#73

Isopropylbenzene

Concen: 20.741 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBSD01

Tot Ion: 105 Resp: 162884

Ion Ratio Lower Upper

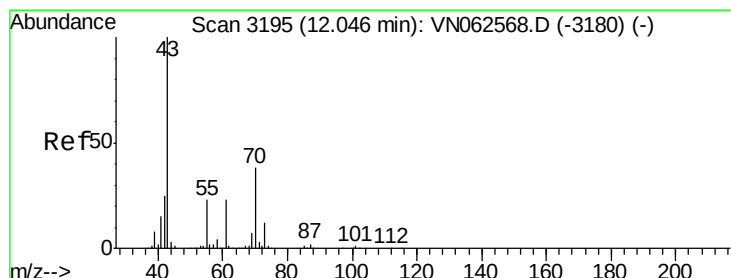
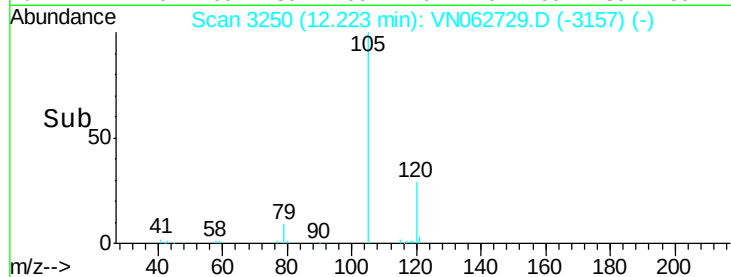
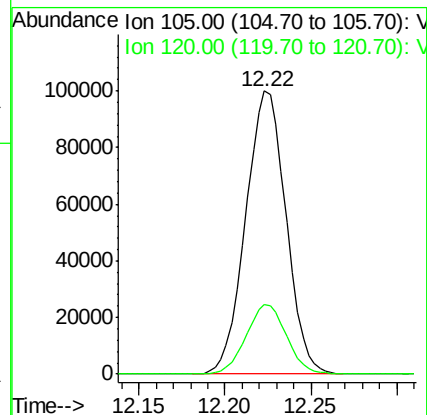
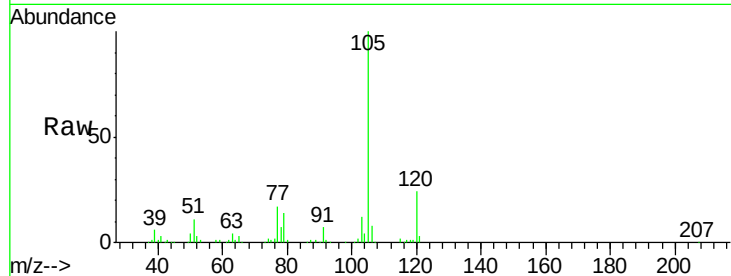
105 100

120 24.6 12.8 38.4

Manual Integrations
APPROVED

MMDadoda

8/4/2020 1:52:17 PM



#74

N-ethyl acetate

Concen: 19.416 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Tgt Ion: 43 Resp: 68096

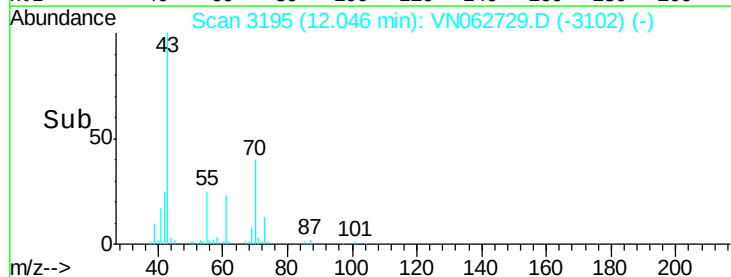
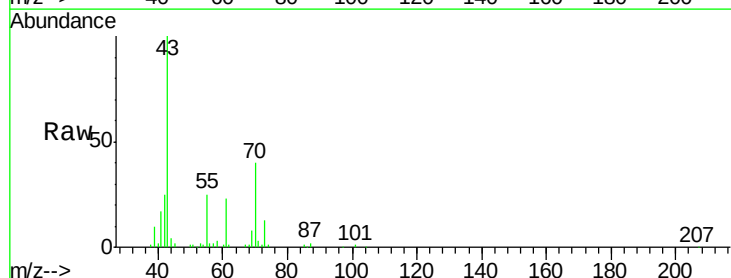
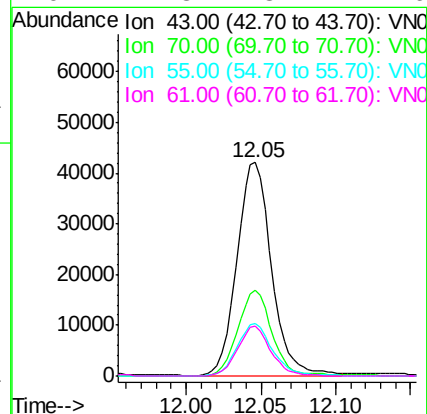
Ion Ratio Lower Upper

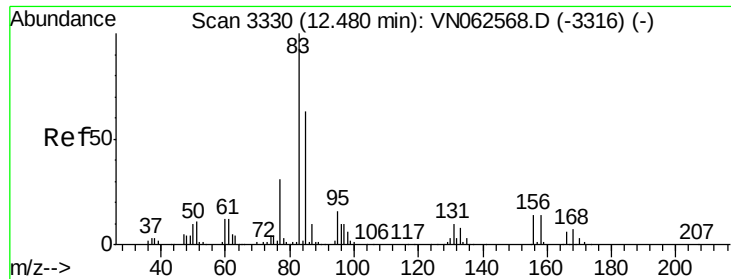
43 100

70 39.5 30.5 45.7

55 25.1 19.0 28.6

61 22.3 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.630 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

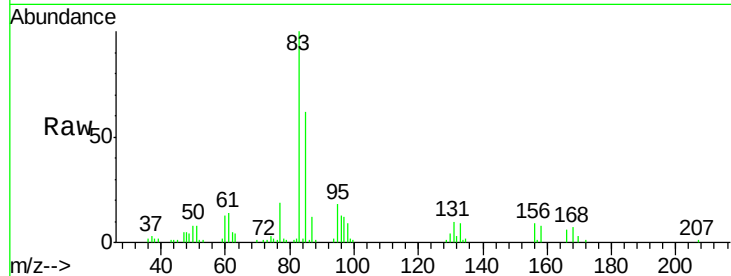
ClientSampleId :

VN0803WBSD01

Tot Ion:	83	Resp:	53572
Ion	Ratio	Lower	Upper
83	100		
131	10.4	4.8	14.3
85	60.4	31.8	95.4

Manual Integrations
APPROVED

MMDadoda
8/4/2020 1:52:17 PM

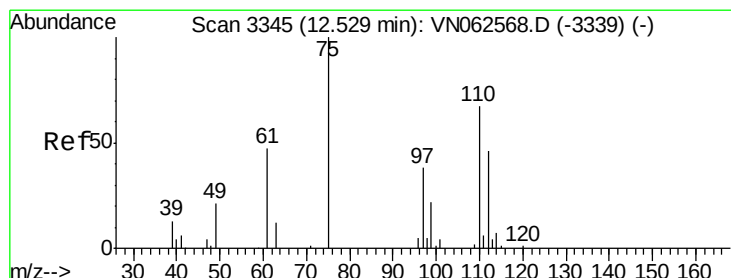
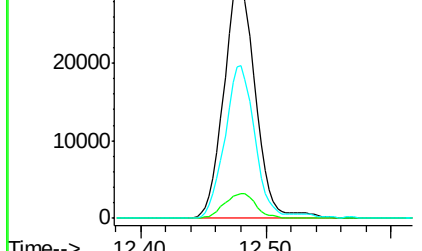
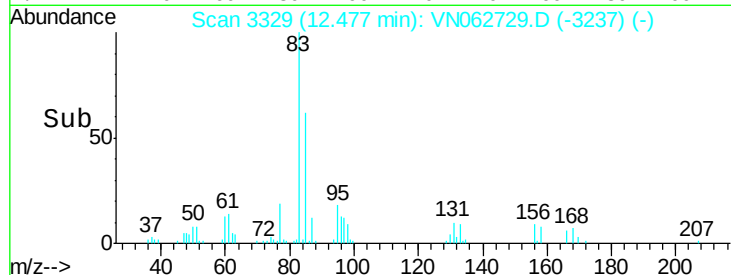


Abundance Ion 82.90 (82.60 to 83.60): VN062729.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062729.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062729.D (-3237) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 19.969 ug/l m

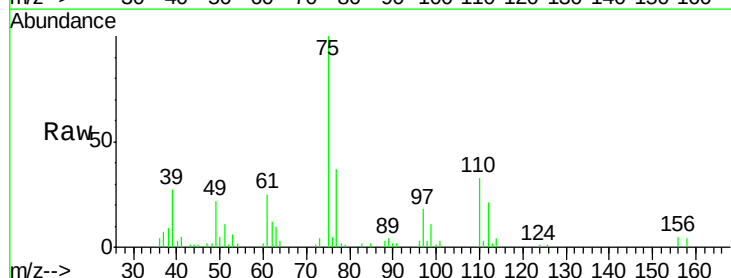
RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

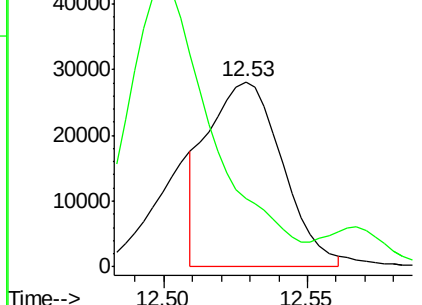
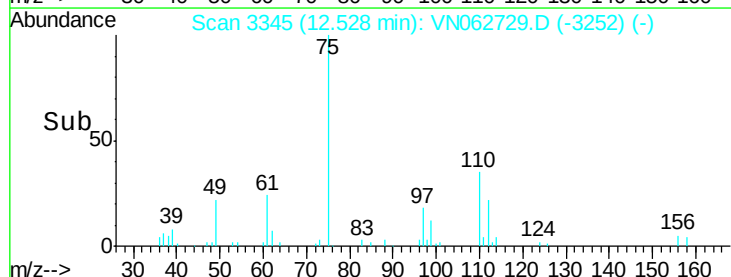
Tgt Ion:	75	Resp:	50482
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

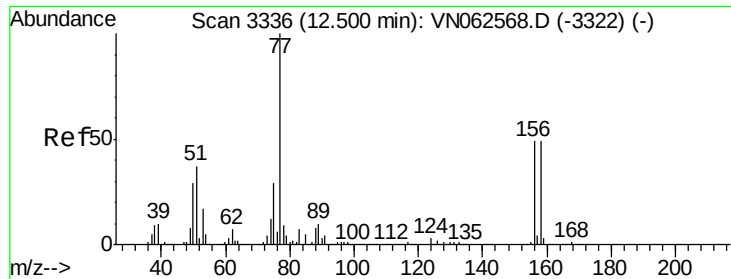


Abundance Ion 74.90 (74.60 to 75.60): VN062729.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062729.D (-3252) (-)

Time-->





#77

Bromobenzene

Concen: 20.489 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

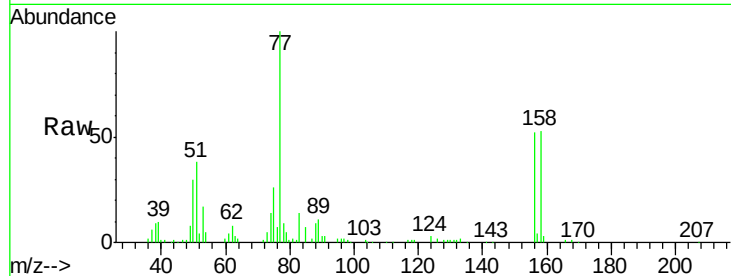
ClientSampleId :

VN0803WBSD01

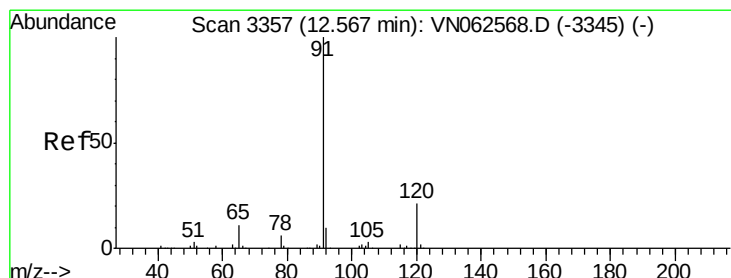
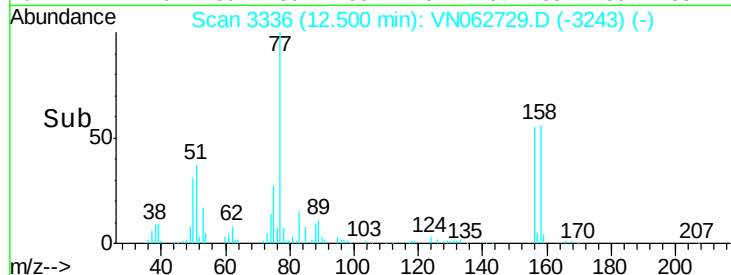
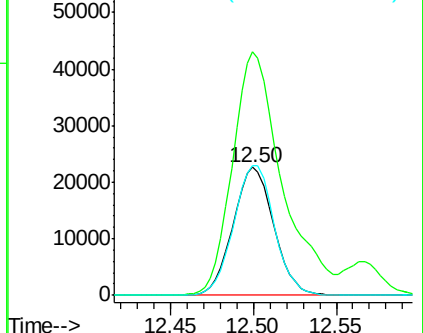
Tot Ion:	156	Resp:	38669
Ion	Ratio	Lower	Upper
156	100		
77	231.5	122.8	368.3
158	101.1	49.4	148.0

Manual Integrations
APPROVED

MMDadoda
8/4/2020 1:52:17 PM



Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.461 ug/l

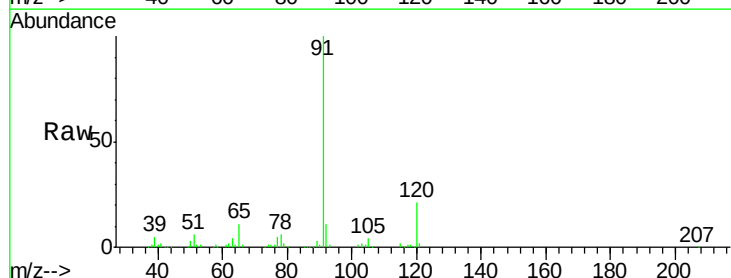
RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

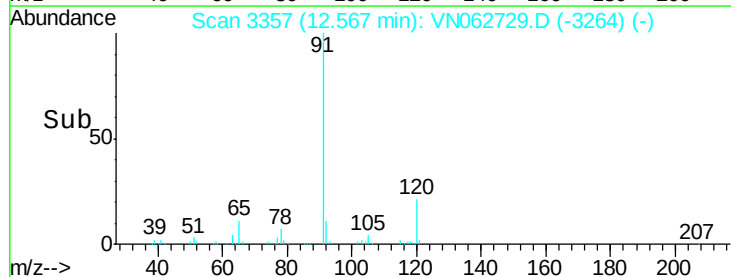
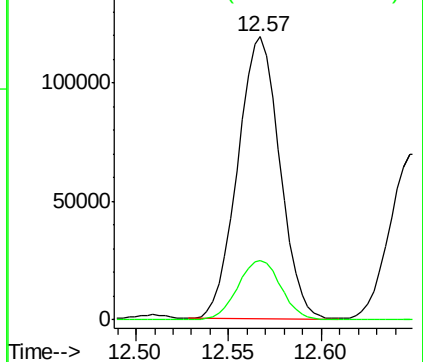
Lab File: VN062729.D

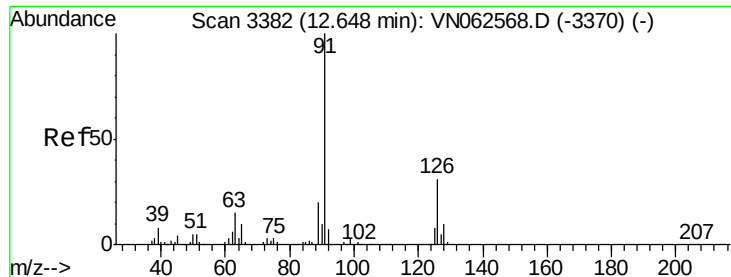
Acq: 3 Aug 2020 12:36

Tgt Ion:	91	Resp:	188221
Ion	Ratio	Lower	Upper
91	100		
120	21.6	10.9	32.6



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.724 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampled :

VN0803WBSD01

Tot Ion: 91 Resp: 117487

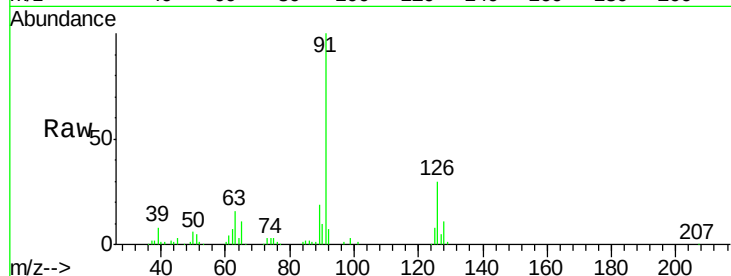
Ion Ratio Lower Upper

91 100

126 30.4 15.9 47.6

Manual Integrations
APPROVED

MMDadoda
8/4/2020 1:52:17 PM



Abundance Ion 91.00 (90.70 to 91.70): VN062729.D (-3383) (-)

Ion 125.90 (125.60 to 126.60): VN062729.D (-3383) (-)

100000

80000

60000

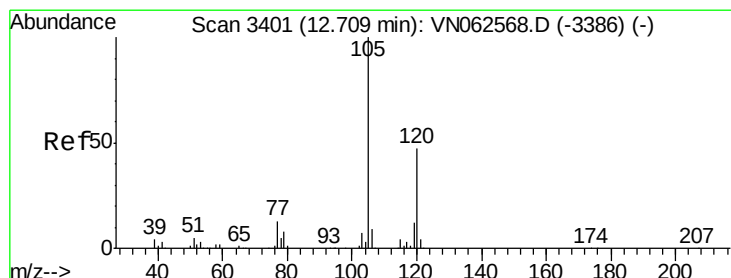
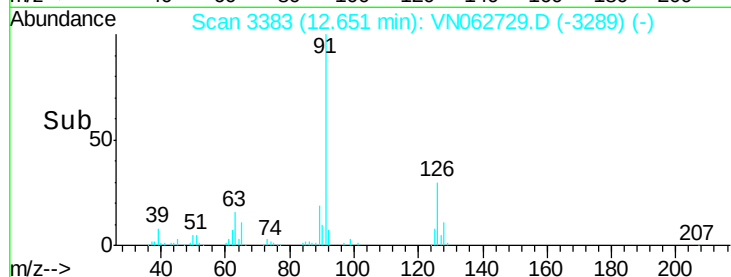
40000

20000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.879 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062729.D

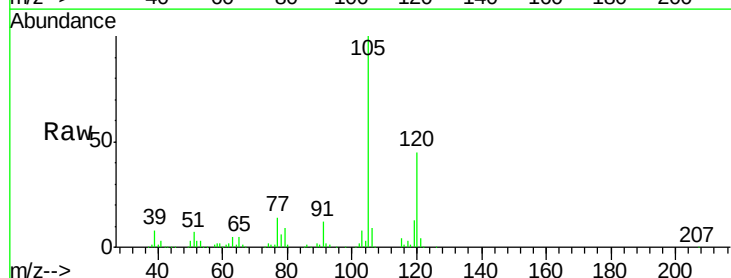
Acq: 3 Aug 2020 12:36

Tgt Ion: 105 Resp: 142526

Ion Ratio Lower Upper

105 100

120 45.2 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062729.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN062729.D (-3401) (-)

100000

80000

60000

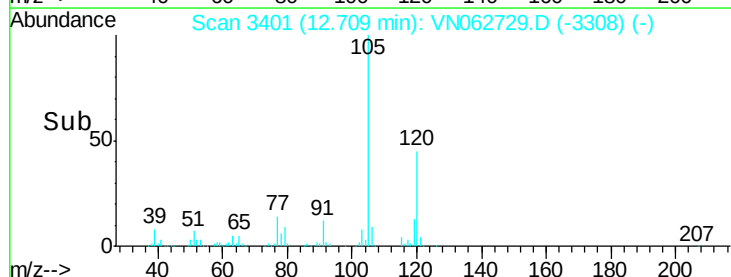
40000

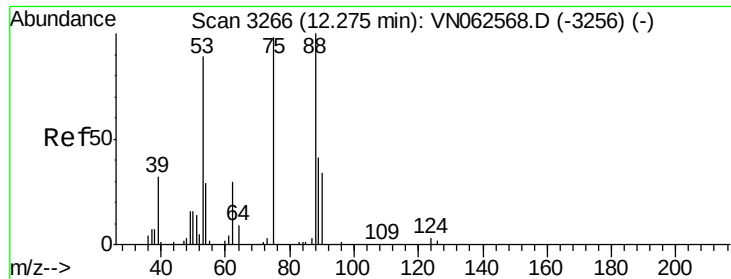
20000

0

12.60 12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.173 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

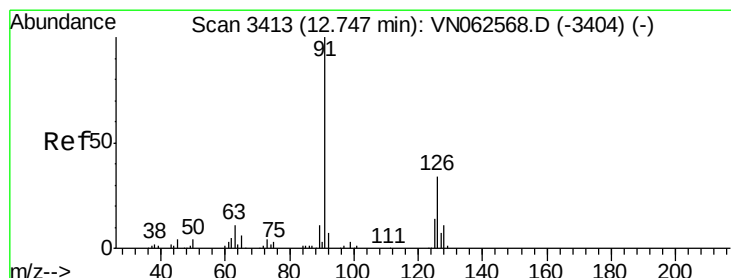
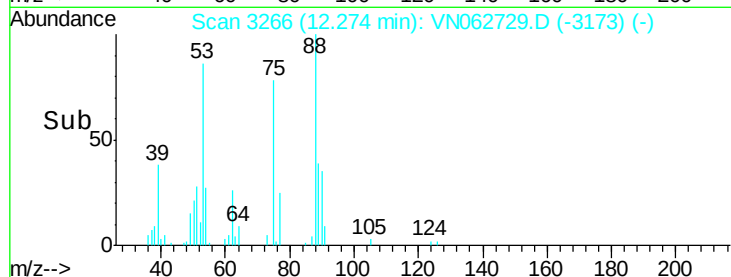
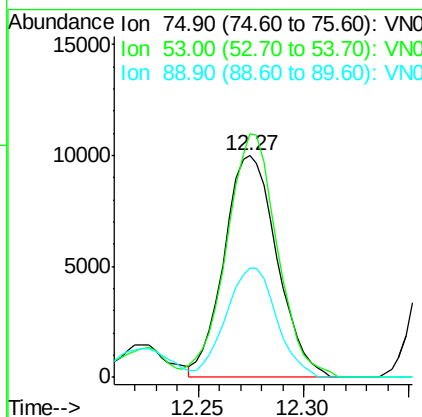
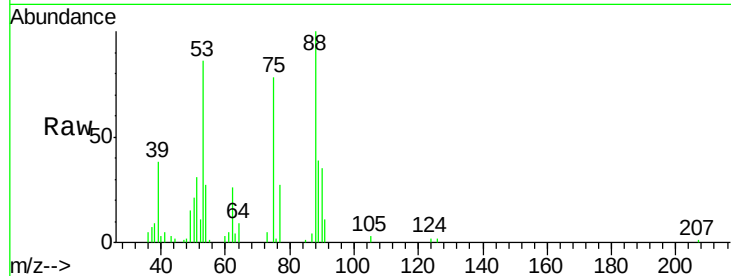
ClientSampleId :

VN0803WBSD01

Tot Ion:	75	Resp:	17412
Ion	Ratio	Lower	Upper
75	100		
53	105.6	75.4	113.0
89	47.3	34.5	51.7

Manual Integrations
APPROVED

MMDadoda
8/4/2020 1:52:17 PM



#82

4-Chlorotoluene

Concen: 20.446 ug/l

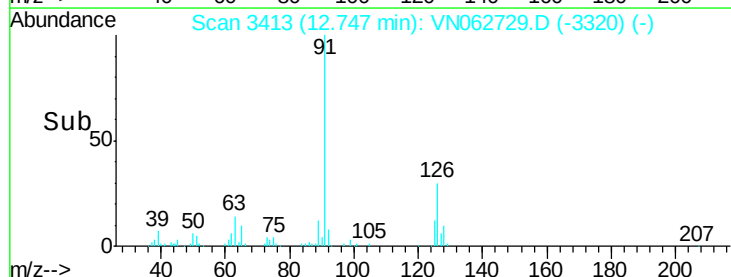
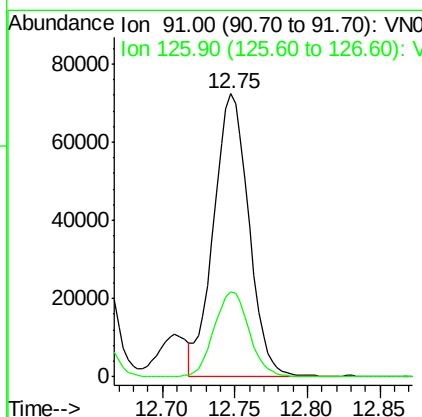
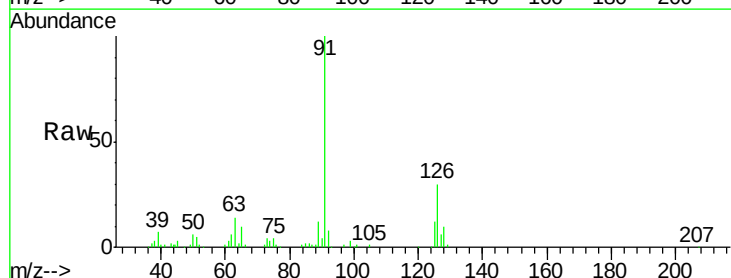
RT: 12.75 min Scan# 3413

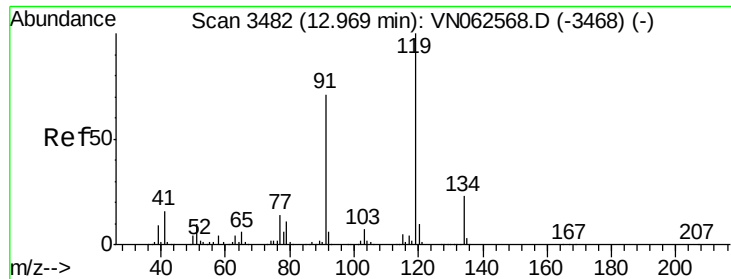
Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Tgt Ion:	91	Resp:	120649
Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.4	46.4





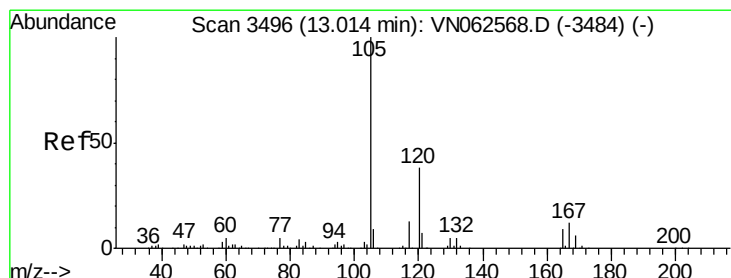
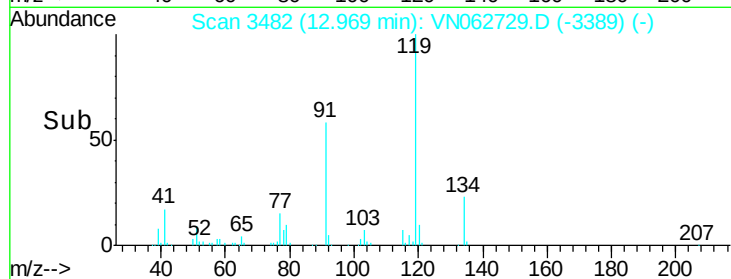
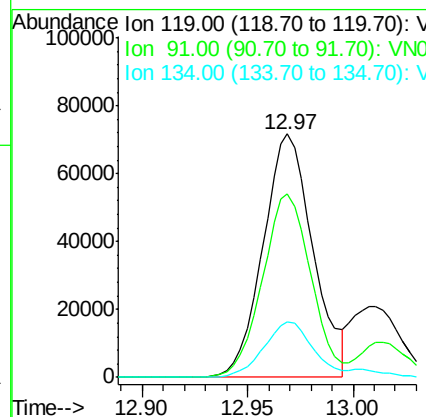
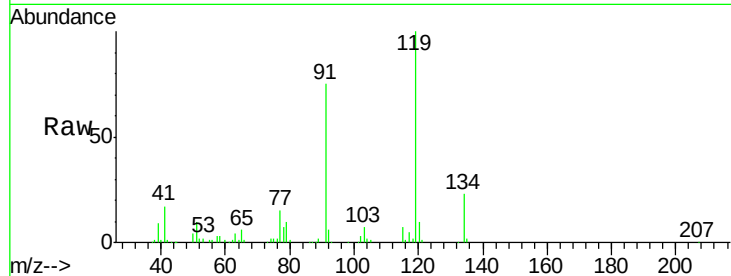
#83
 tert-Butylbenzene
 Concen: 21.852 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	118205		
91	73.6	34.6	103.8	
134	22.7	11.5	34.4	

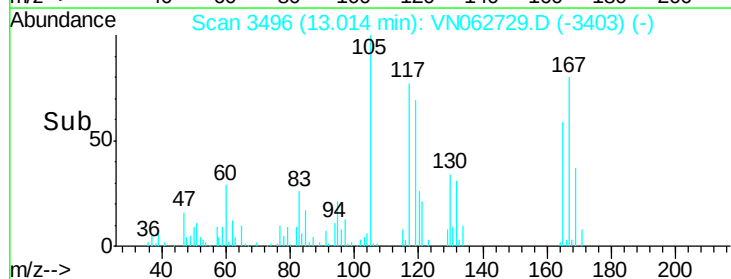
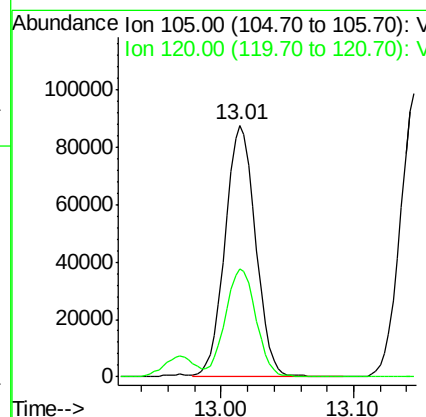
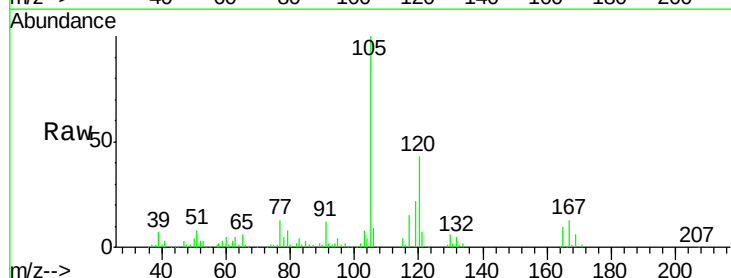
Manual Integrations
 APPROVED

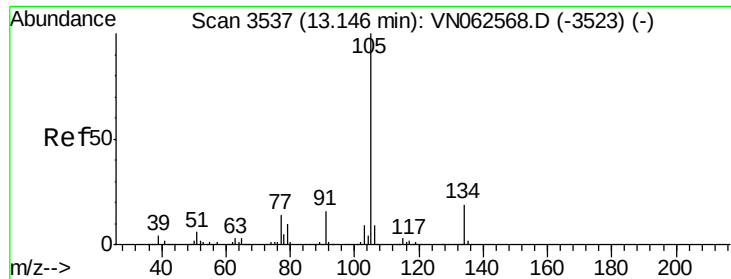
MMDadoda
 8/4/2020 1:52:17 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 21.966 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	140376		
120	43.0	22.1	66.3	





#85

sec-Butylbenzene

Concen: 21.618 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBSD01

Tot Ion:105 Resp: 156551

Ion Ratio Lower Upper

105 100

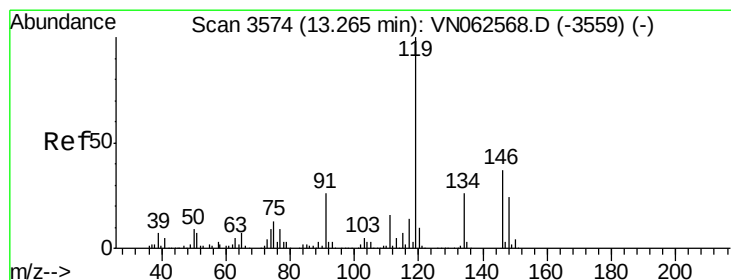
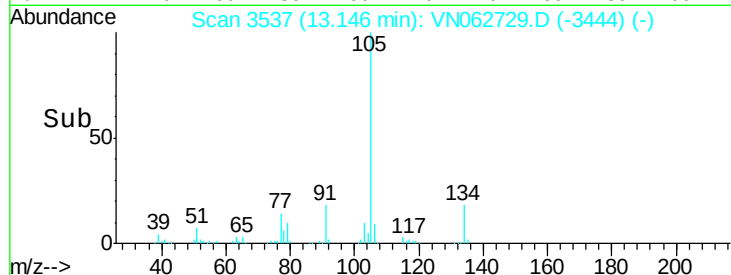
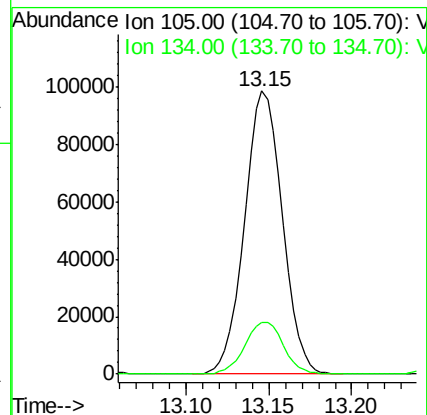
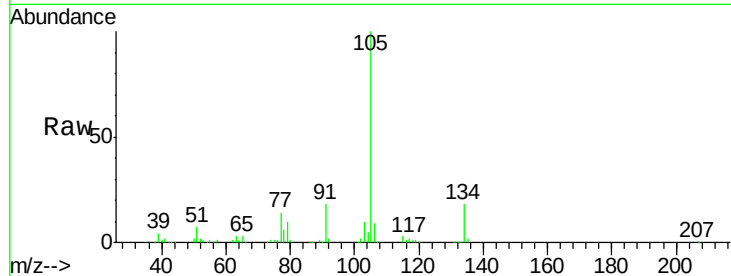
134 18.7 9.5 28.5

Manual Integrations

APPROVED

MMDadoda

8/4/2020 1:52:17 PM



#86

p-Isopropyltoluene

Concen: 22.564 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

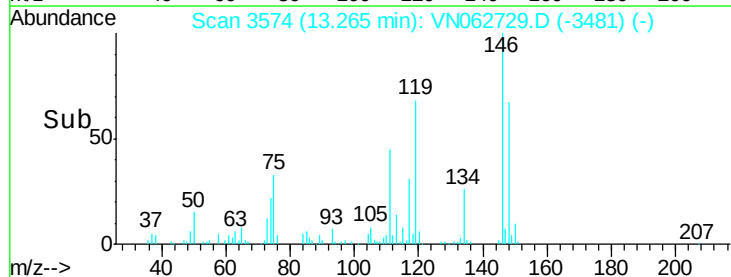
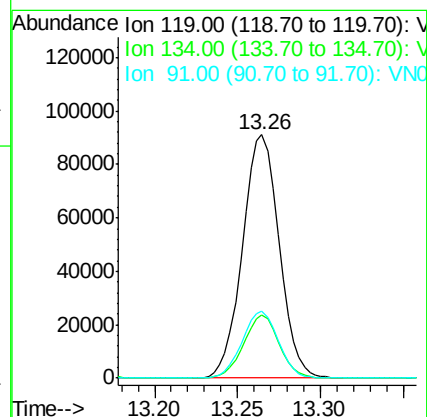
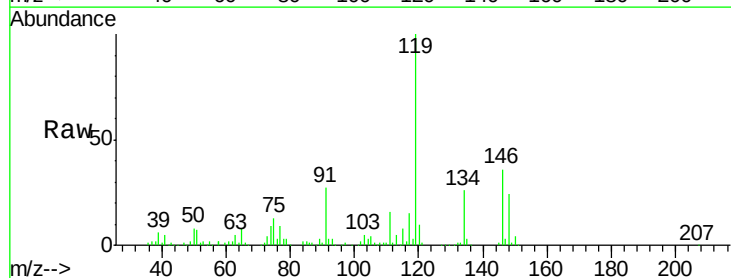
Tgt Ion:119 Resp: 140539

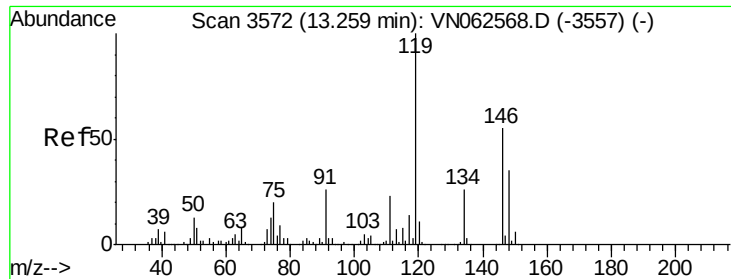
Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.4

91 27.3 12.7 38.1





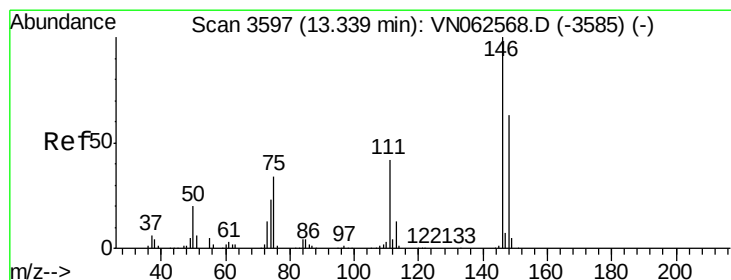
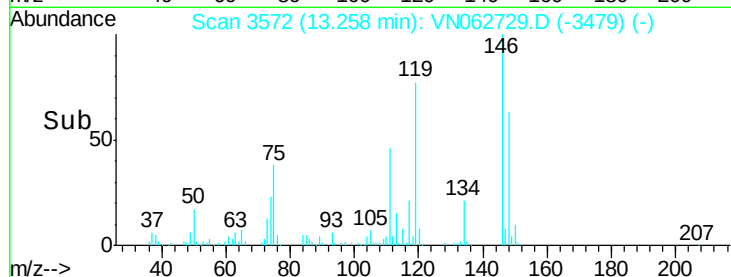
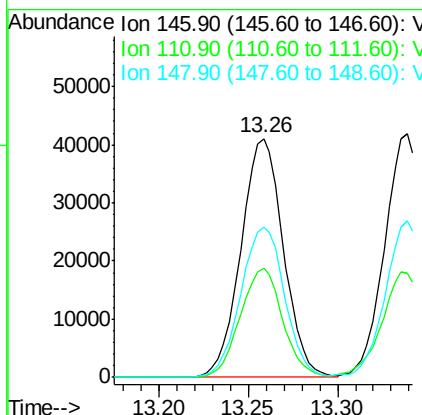
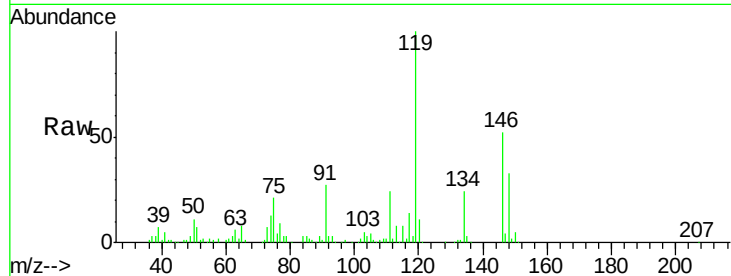
#87
 1,3-Dichlorobenzene
 Concen: 20.552 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.6	21.6	64.6
148	65.0	31.8	95.4

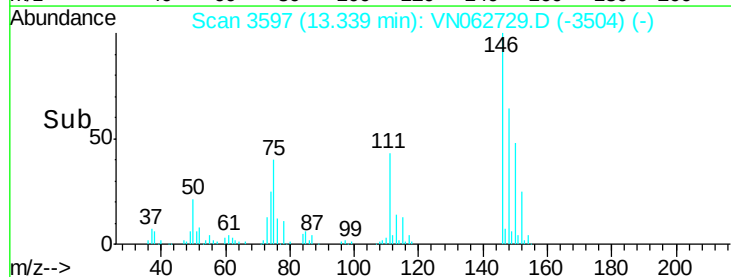
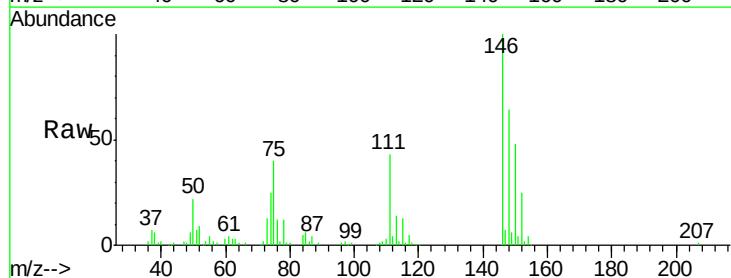
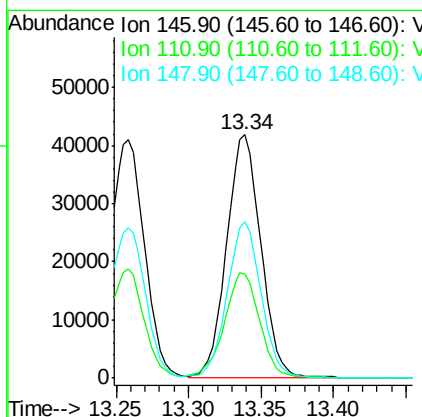
Manual Integrations
 APPROVED

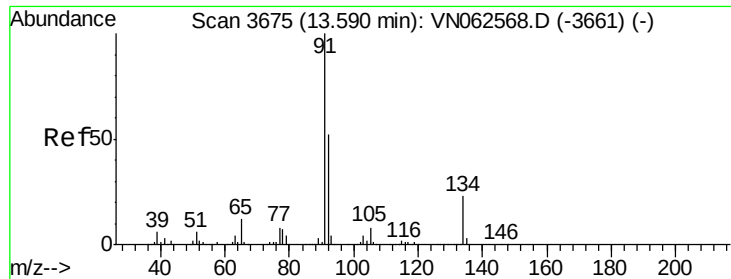
MMDadoda
 8/4/2020 1:52:17 PM



#88
 1,4-Dichlorobenzene
 Concen: 21.122 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.9	21.1	63.1
148	63.6	31.6	94.8





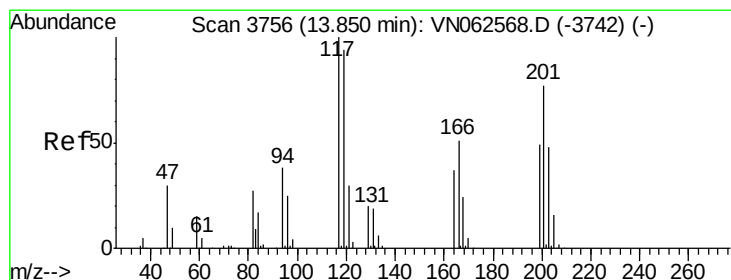
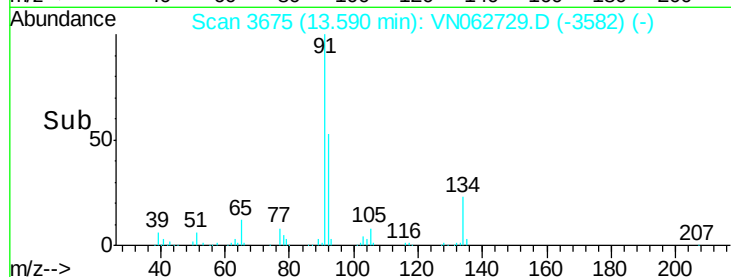
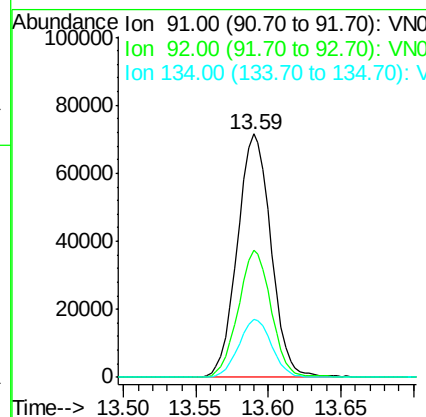
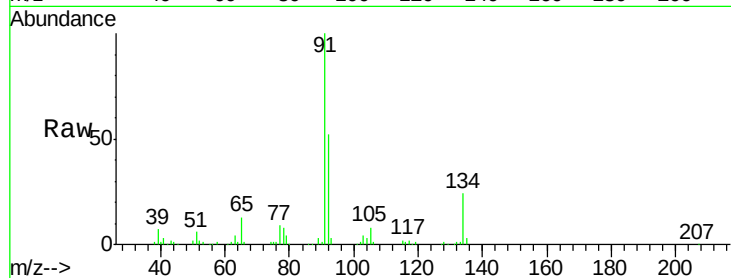
#89
n-Butylbenzene
Concen: 21.490 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.1	25.8	77.3
134	23.5	11.8	35.3

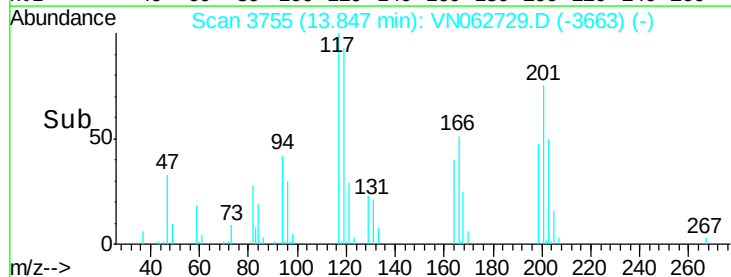
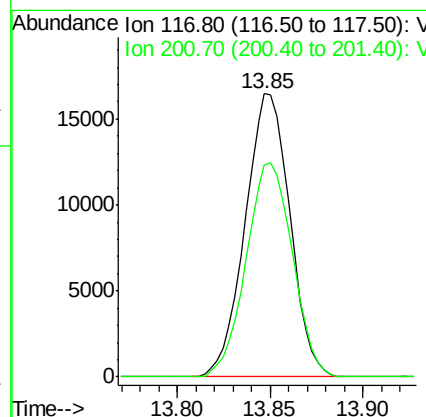
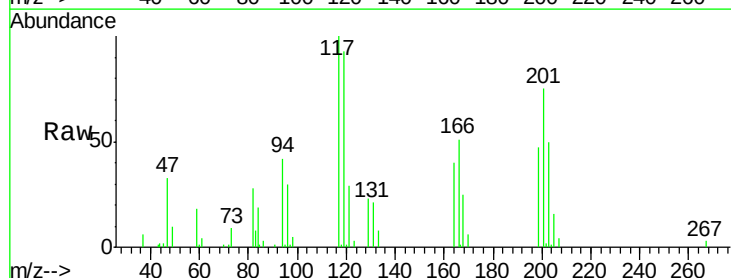
Manual Integrations
APPROVED

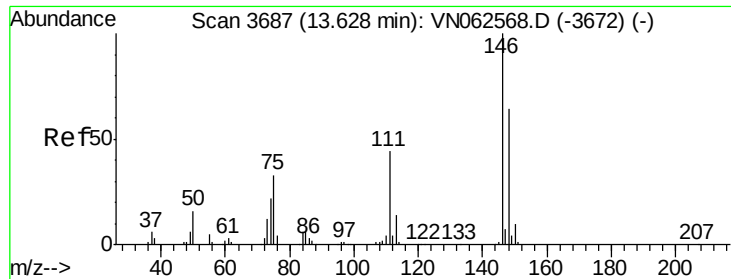
MMDadoda
8/4/2020 1:52:17 PM



#90
Hexachloroethane
Concen: 20.836 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062729.D
Acq: 3 Aug 2020 12:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.1	39.2	117.6





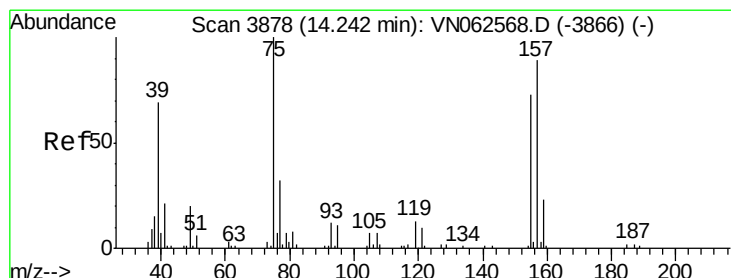
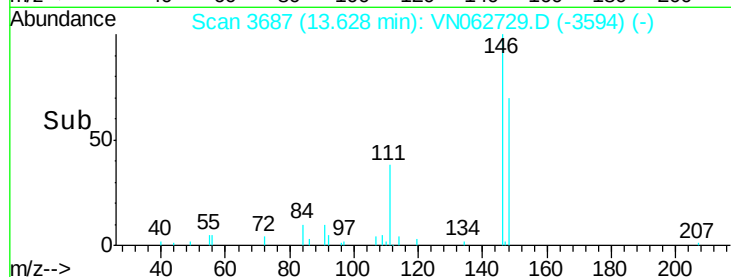
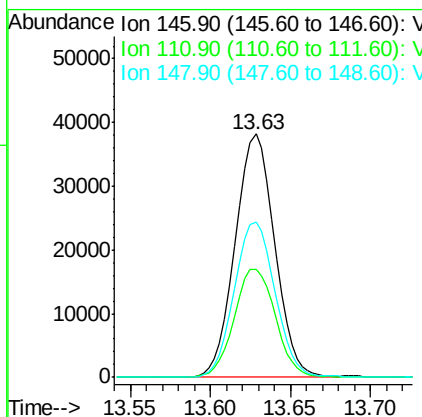
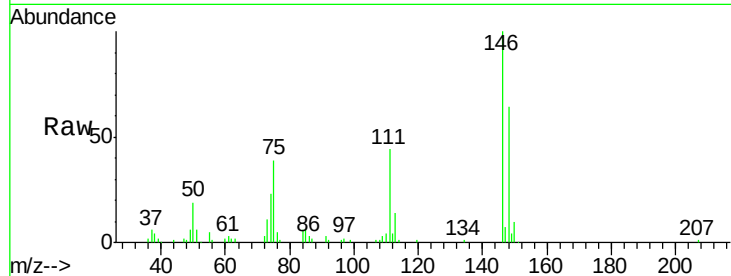
#91
 1,2-Dichlorobenzene
 Concen: 20.355 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Instrument :
 MSVOA_N
 ClientSampled :
 VN0803WBSD01

Tot Ion:	146	Resp:	64462
Ion Ratio	Lower	Upper	
146	100		
111	46.3	21.9	65.8
148	65.8	31.6	94.7

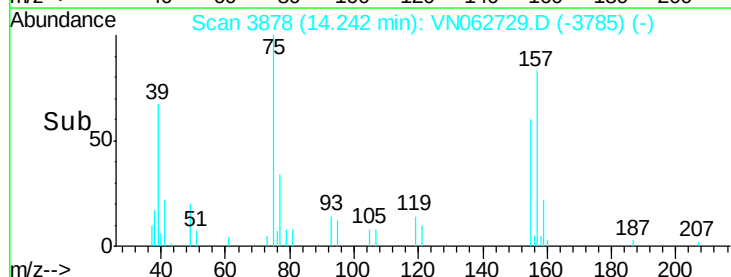
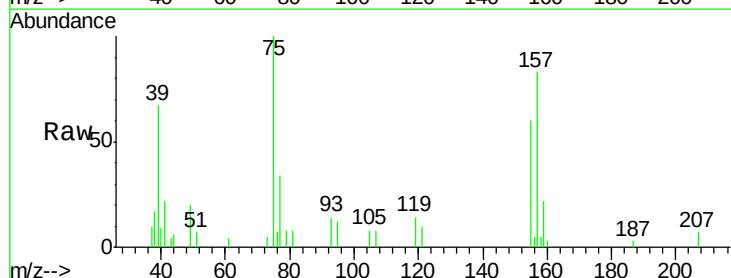
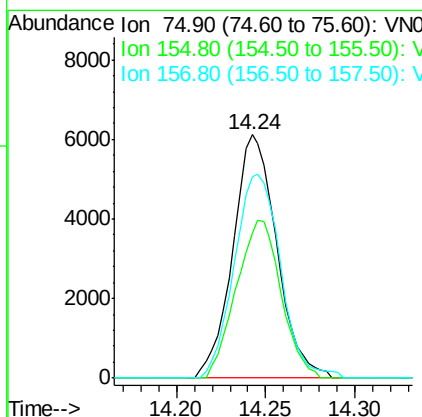
Manual Integrations
 APPROVED

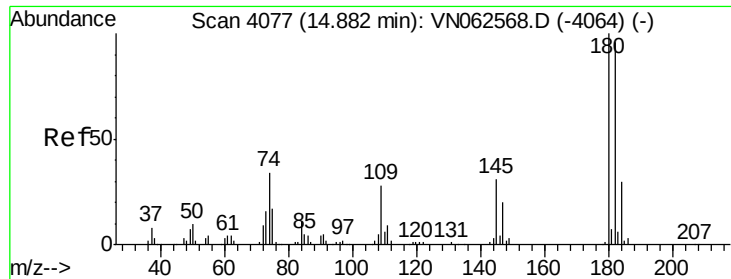
MMDadoda
 8/4/2020 1:52:17 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.141 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Tgt Ion:	75	Resp:	10475
Ion Ratio	Lower	Upper	
75	100		
155	65.9	35.9	107.5
157	88.5	45.0	135.0





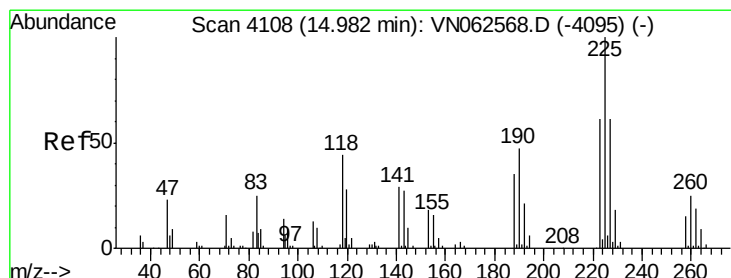
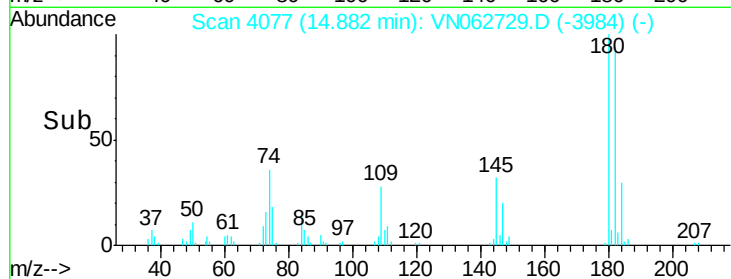
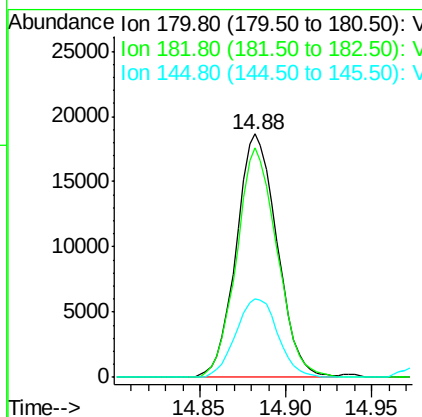
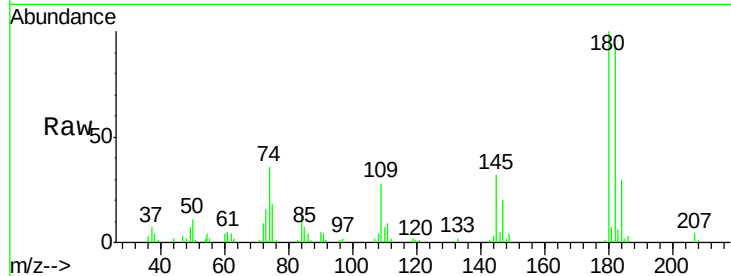
#93
 1,2,4-Trichlorobenzene
 Concen: 20.388 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.8	143.3
145	33.2	15.3	45.9

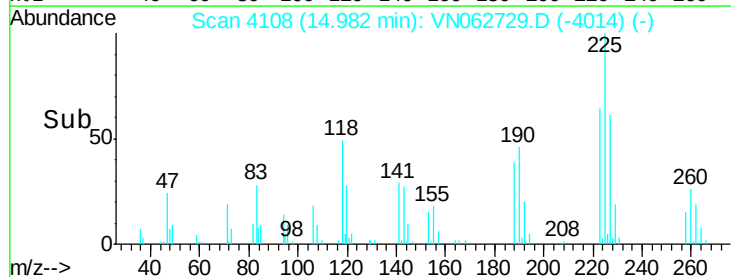
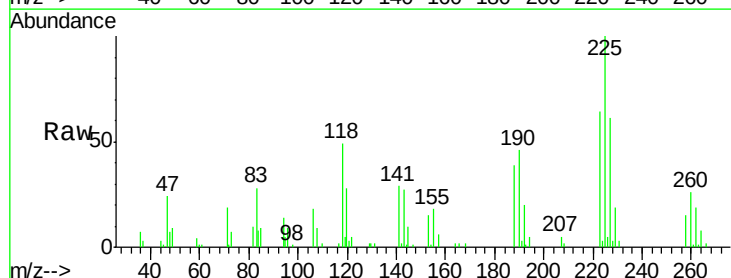
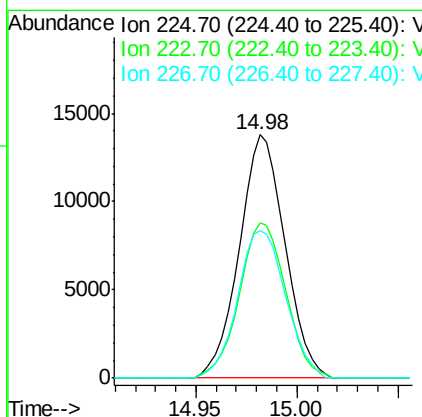
Manual Integrations
 APPROVED

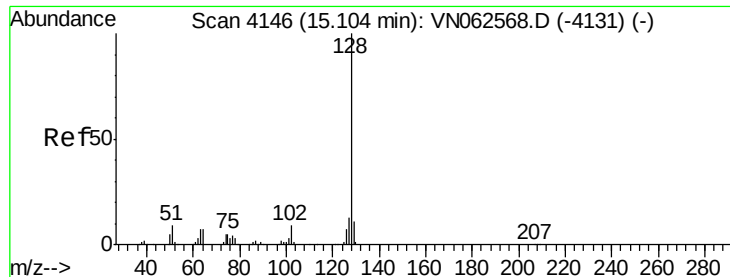
MMDadoda
 8/4/2020 1:52:17 PM



#94
 Hexachlorobutadiene
 Concen: 25.317 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062729.D
 Acq: 3 Aug 2020 12:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	32.0	96.0
227	63.5	31.1	93.2





#95

Naphthalene

Concen: 19.851 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Instrument :

MSVOA_N

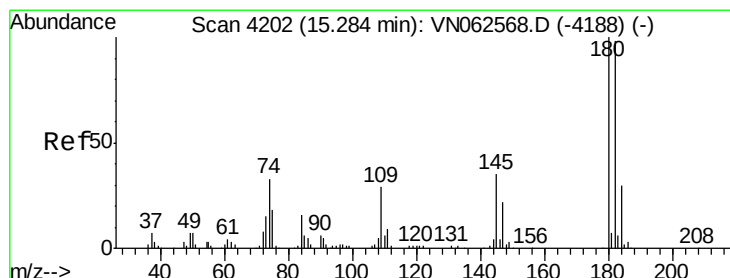
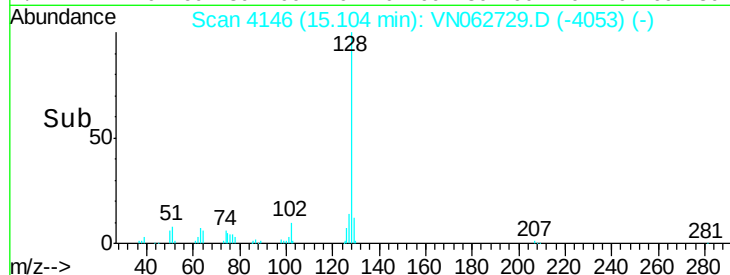
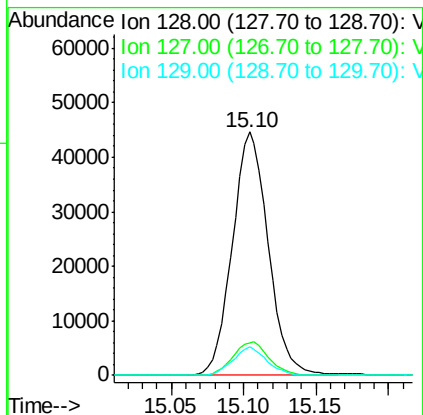
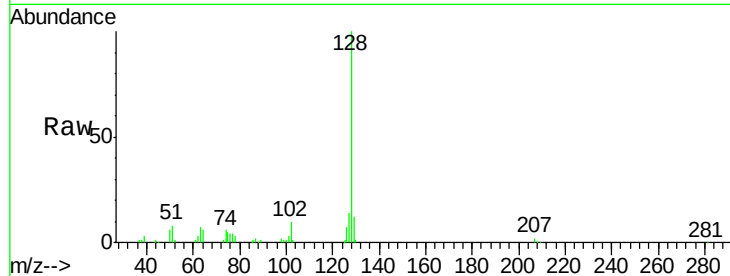
ClientSampleId :

VN0803WBSD01

Tot Ion:	128	Resp:	76846
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/4/2020 1:52:17 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.657 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062729.D

Acq: 3 Aug 2020 12:36

Tgt Ion:	180	Resp:	30828
Ion Ratio	Lower	Upper	
180	100		
182	94.5	48.1	144.3
145	35.5	16.7	50.1

