

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061867.D
 Acq On : 17 Jun 2020 23:28
 Operator : JC/MD
 Sample : VN0617WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/18/2020 9:37:26 AM

Quant Time: Jun 18 06:46:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	151221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	269103	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	245021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	111236	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	98611	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
35) Dibromofluoromethane	7.55	113	85576	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
50) Toluene-d8	10.06	98	326150	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	12.38	95	106443	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	38020	19.502	ug/l	96
3) Chloromethane	2.03	50	40689	19.385	ug/l	98
4) Vinyl Chloride	2.16	62	51861	20.725	ug/l	98
5) Bromomethane	2.53	94	37049	19.280	ug/l	96
6) Chloroethane	2.67	64	34604	20.433	ug/l	100
7) Trichlorofluoromethane	2.98	101	59609	19.943	ug/l	98
8) Diethyl Ether	3.37	74	19357	19.264	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	29894	19.495	ug/l	99
10) Methyl Iodide	3.91	142	32943	21.226	ug/l	100
11) Tert butyl alcohol	4.73	59	24807	88.392	ug/l #	89
12) 1,1-Dichloroethene	3.70	96	30101	19.591	ug/l	94
13) Acrolein	3.56	56	11910	71.005	ug/l	100
14) Allyl chloride	4.27	41	36612	17.954	ug/l	95
15) Acrylonitrile	4.93	53	66518	95.655	ug/l	99
16) Acetone	3.77	43	53249	88.887	ug/l	99
17) Carbon Disulfide	4.01	76	83849	18.651	ug/l	98
18) Methyl Acetate	4.28	43	32047	18.581	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	94608	18.493	ug/l	98
20) Methylene Chloride	4.50	84	35390	18.133	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	33222	18.825	ug/l	97
22) Diisopropyl ether	5.90	45	87376	18.735	ug/l	97
23) Vinyl Acetate	5.84	43	331455	90.361	ug/l	100
24) 1,1-Dichloroethane	5.80	63	56934	18.648	ug/l	98
25) 2-Butanone	6.79	43	80086	91.628	ug/l	100
26) 2,2-Dichloropropane	6.78	77	42760	16.647	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	37826	18.576	ug/l	98
28) Bromochloromethane	7.15	49	25864	19.027	ug/l	97
29) Tetrahydrofuran	7.17	42	53851	93.620	ug/l	99
30) Chloroform	7.33	83	61665	18.899	ug/l	96
31) Cyclohexane	7.62	56	48271	18.061	ug/l #	91
32) 1,1,1-Trichloroethane	7.53	97	52824	19.010	ug/l	99
36) 1,1-Dichloropropene	7.75	75	44696	18.210	ug/l	99
37) Ethyl Acetate	6.88	43	34596	18.049	ug/l	99
38) Carbon Tetrachloride	7.73	117	45425	18.688	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061867.D
 Acq On : 17 Jun 2020 23:28
 Operator : JC/MD
 Sample : VN0617WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0617WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/18/2020 9:37:26 AM

Quant Time: Jun 18 06:46:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	47424	17.943	ug/l	96
40) Benzene	8.00	78	135596	18.237	ug/l	98
41) Methacrylonitrile	7.14	41	15174m	18.513	ug/l	
42) 1,2-Dichloroethane	8.08	62	47375	18.687	ug/l	99
43) Isopropyl Acetate	8.13	43	57990	17.953	ug/l #	90
44) Trichloroethene	8.80	130	36319	18.561	ug/l	99
45) 1,2-Dichloropropane	9.08	63	34121	18.674	ug/l	97
46) Dibromomethane	9.17	93	24432	18.988	ug/l	98
47) Bromodichloromethane	9.37	83	48884	18.554	ug/l	99
48) Methyl methacrylate	9.17	41	25581	17.414	ug/l	98
49) 1,4-Dioxane	9.17	88	12724	377.281	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	172318	90.275	ug/l	100
52) Toluene	10.12	92	87711	18.783	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	48198	17.232	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	53752	17.693	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	34753	18.916	ug/l	97
56) Ethyl methacrylate	10.40	69	44372	17.796	ug/l	98
57) 1,3-Dichloropropane	10.68	76	57795	18.568	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	80293	82.807	ug/l	98
59) 2-Hexanone	10.72	43	119277	87.428	ug/l	99
60) Dibromochloromethane	10.87	129	37322	18.205	ug/l	97
61) 1,2-Dibromoethane	10.98	107	35787	18.654	ug/l	97
64) Tetrachloroethene	10.60	164	31558	20.208	ug/l	96
65) Chlorobenzene	11.41	112	95208	18.415	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	34226	18.981	ug/l	99
67) Ethyl Benzene	11.48	91	161117	18.587	ug/l	98
68) m/p-Xylenes	11.60	106	126609	37.878	ug/l	99
69) o-Xylene	11.92	106	59499	18.656	ug/l	99
70) Styrene	11.94	104	99113	18.560	ug/l	99
71) Bromoform	12.10	173	24690	18.779	ug/l #	100
73) Isopropylbenzene	12.22	105	155402	19.660	ug/l	98
74) N-amyl acetate	12.05	43	45153	17.871	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	49042	19.083	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	40167m	18.393	ug/l	
77) Bromobenzene	12.50	156	39511	19.813	ug/l	94
78) n-propylbenzene	12.57	91	173158	19.198	ug/l	99
79) 2-Chlorotoluene	12.65	91	105038	19.390	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	130573	19.966	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	13808	17.245	ug/l	97
82) 4-Chlorotoluene	12.75	91	109762	19.609	ug/l	99
83) tert-Butylbenzene	12.97	119	108034	19.486	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	130144	20.160	ug/l	100
85) sec-Butylbenzene	13.15	105	143305	19.748	ug/l	99
86) p-Isopropyltoluene	13.26	119	128343	19.848	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	68244	18.763	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	68797	18.479	ug/l	99
89) n-Butylbenzene	13.59	91	96707	17.908	ug/l	99
90) Hexachloroethane	13.85	117	22910	19.355	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	68932	19.686	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	8074	19.352	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
Data File : VN061867.D
Acq On : 17 Jun 2020 23:28
Operator : JC/MD
Sample : VN0617WBS02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

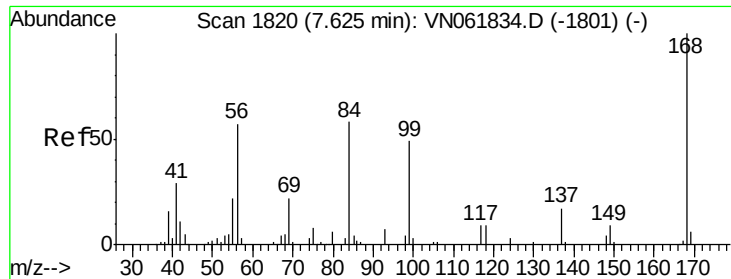
Manual Integrations
APPROVED

MMDadoda
6/18/2020 9:37:26 AM

Quant Time: Jun 18 06:46:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	29391	17.788	ug/l	99
94) Hexachlorobutadiene	14.98	225	12467	19.157	ug/l	98
95) Naphthalene	15.11	128	84479	17.687	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	30476	18.624	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS02

Tot Ion:168 Resp: 151221

Ion Ratio Lower Upper

168 100

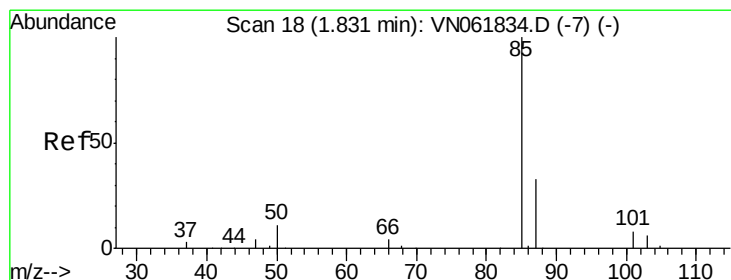
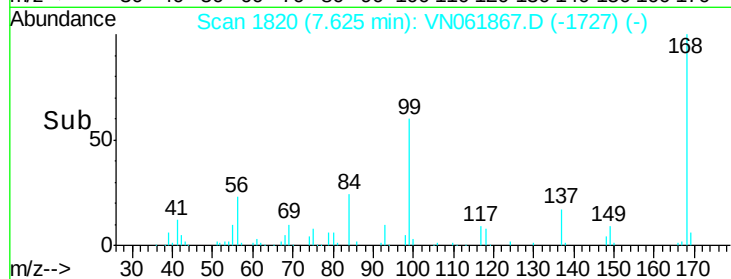
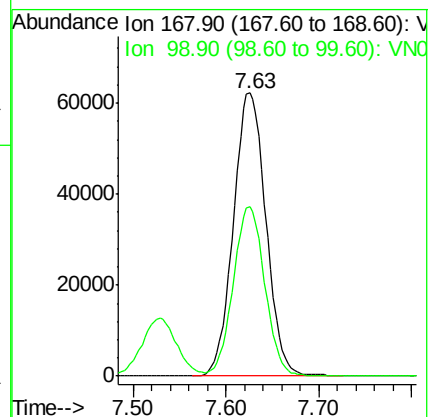
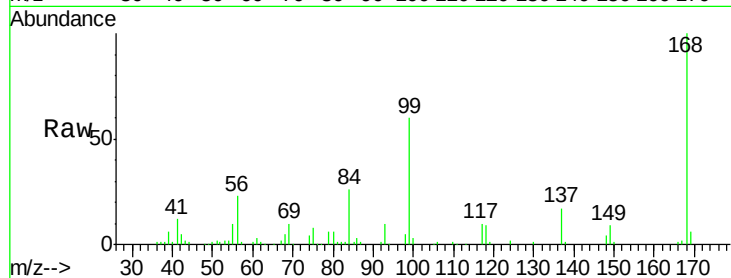
99 60.1 44.6 67.0

Manual Integrations

APPROVED

MMDadoda

6/18/2020 9:37:26 AM



#2

Dichlorodifluoromethane

Concen: 19.502 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061867.D

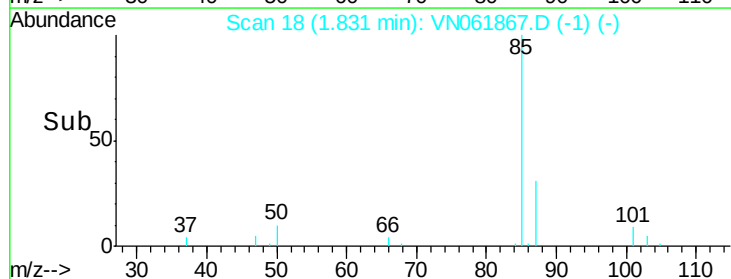
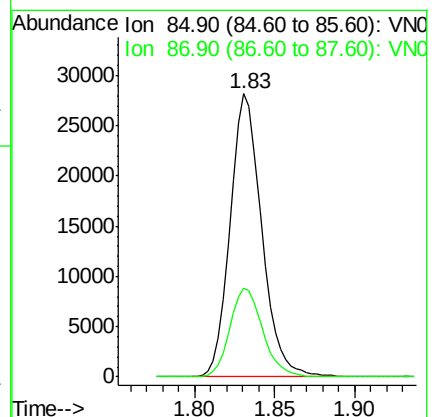
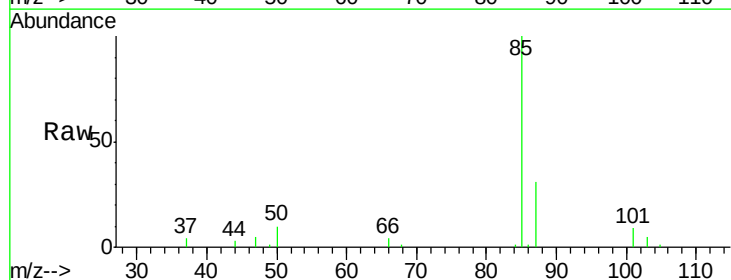
Acq: 17 Jun 2020 23:28

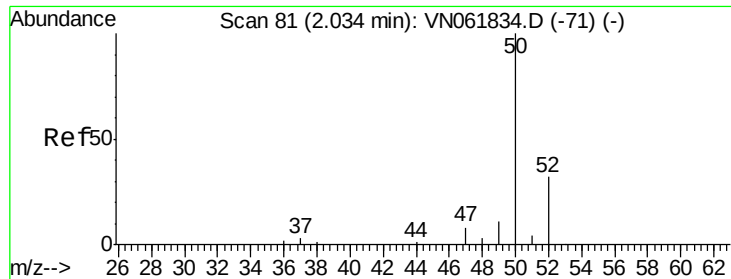
Tgt Ion: 85 Resp: 38020

Ion Ratio Lower Upper

85 100

87 31.2 16.6 49.8





#3

Chloromethane

Concen: 19.385 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS02

Tot Ion: 50 Resp: 40689

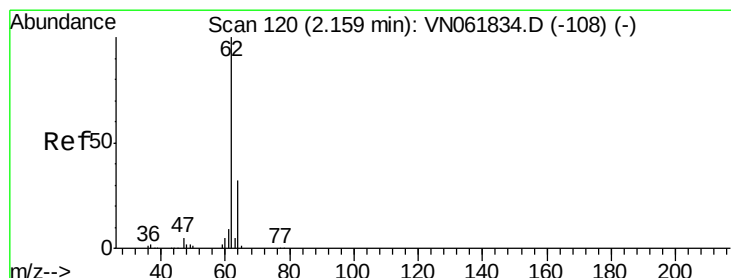
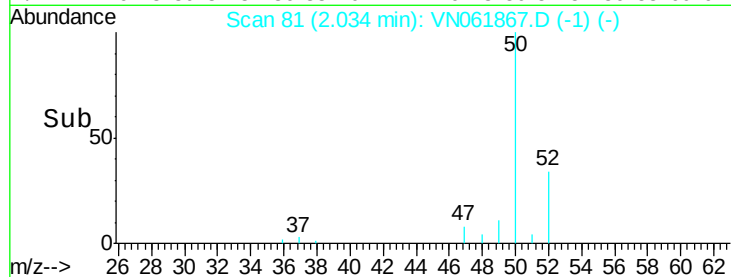
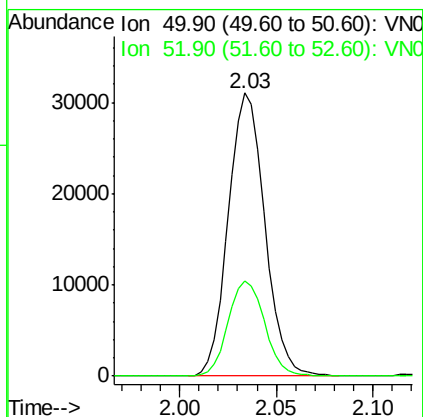
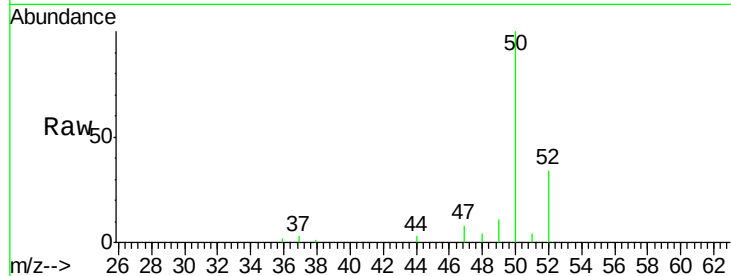
Ion Ratio Lower Upper

50 100

52 33.5 26.0 39.0

Manual Integrations
APPROVED

MMDadoda
6/18/2020 9:37:26 AM



#4

Vinyl Chloride

Concen: 20.725 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061867.D

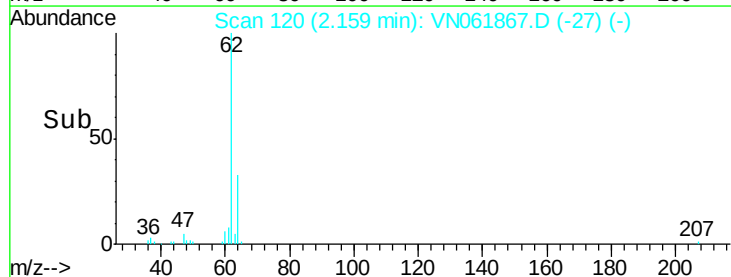
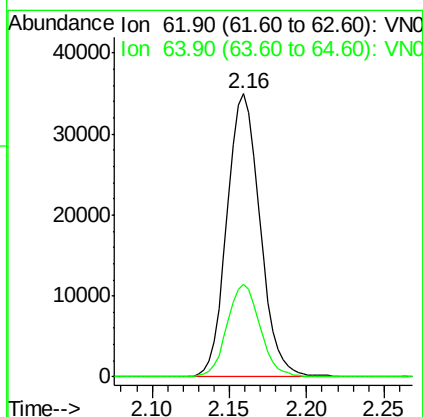
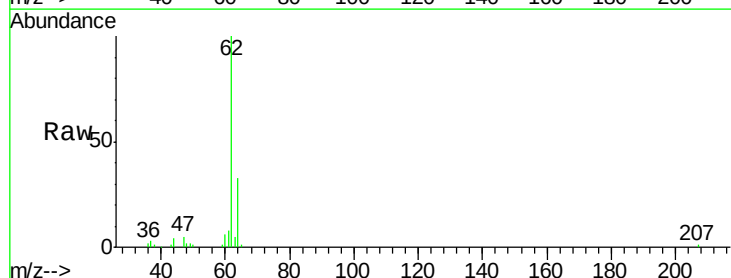
Acq: 17 Jun 2020 23:28

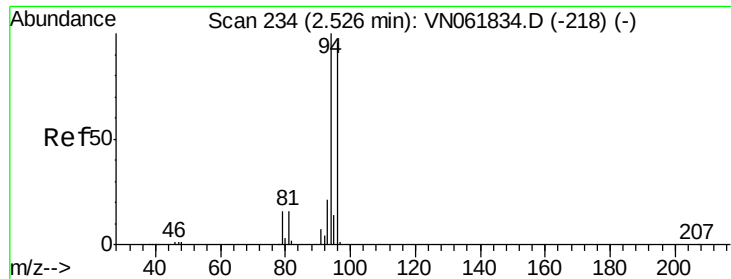
Tgt Ion: 62 Resp: 51861

Ion Ratio Lower Upper

62 100

64 33.0 25.5 38.3





#5

Bromomethane

Concen: 19.280 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.01 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS02

Tot Ion: 94 Resp: 37049

Ion Ratio Lower Upper

94 100

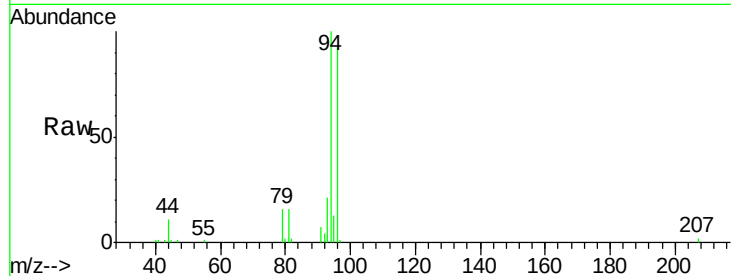
96 91.5 76.7 115.1

Manual Integrations

APPROVED

MMDadoda

6/18/2020 9:37:26 AM



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

20000

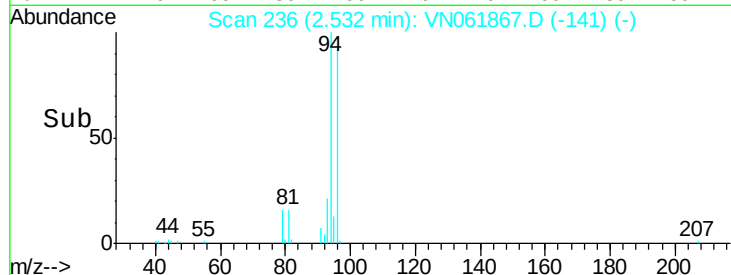
15000

10000

5000

0

Time-->



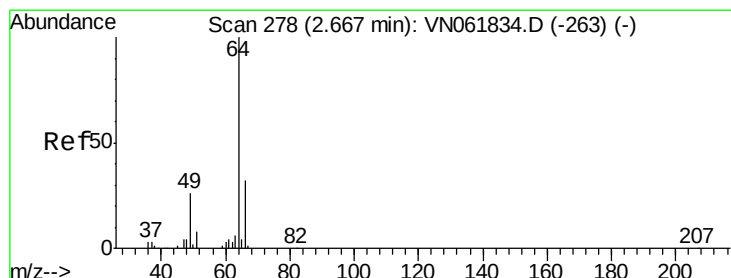
2.53

2.45

2.50

2.55

2.60



#6

Chloroethane

Concen: 20.433 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN061867.D

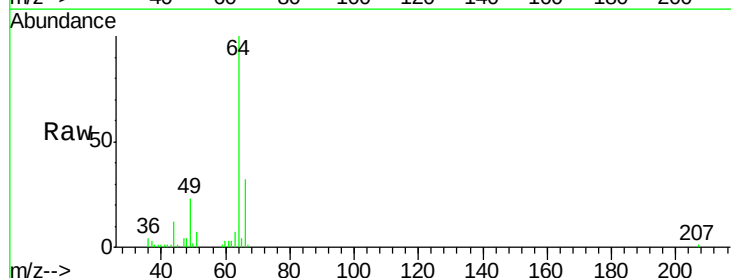
Acq: 17 Jun 2020 23:28

Tgt Ion: 64 Resp: 34604

Ion Ratio Lower Upper

64 100

66 32.0 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

20000

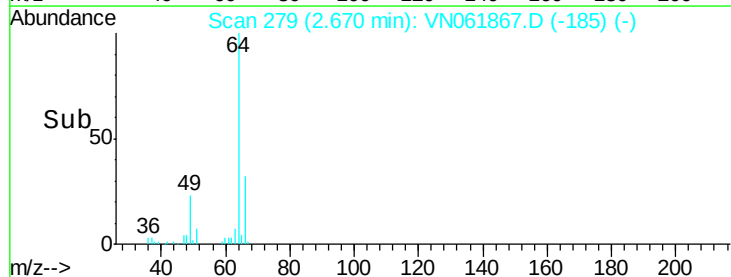
15000

10000

5000

0

Time-->



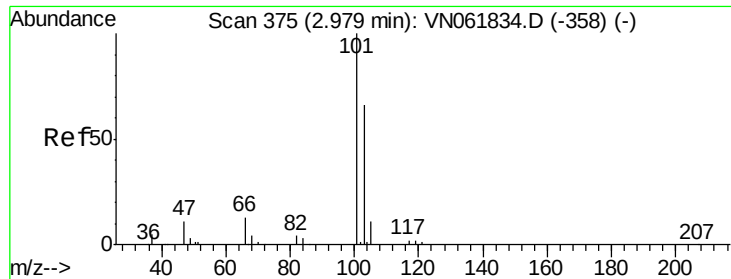
2.67

2.60

2.65

2.70

2.75



#7

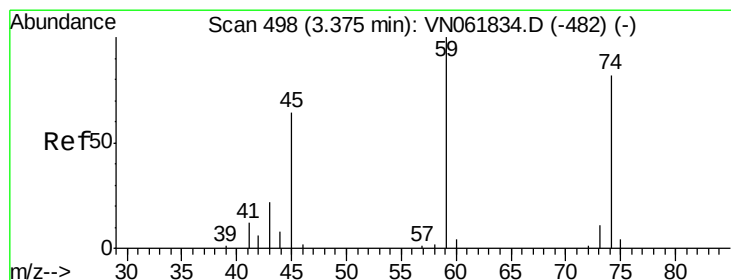
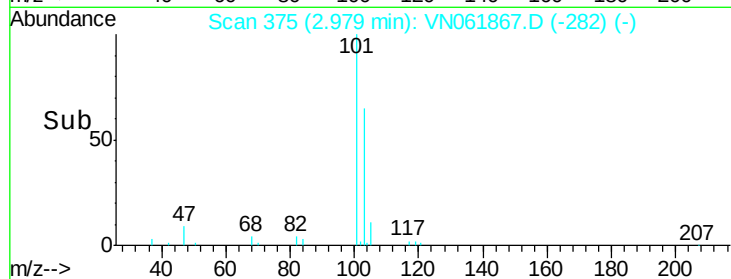
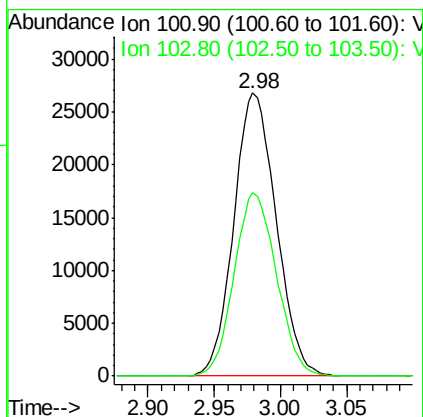
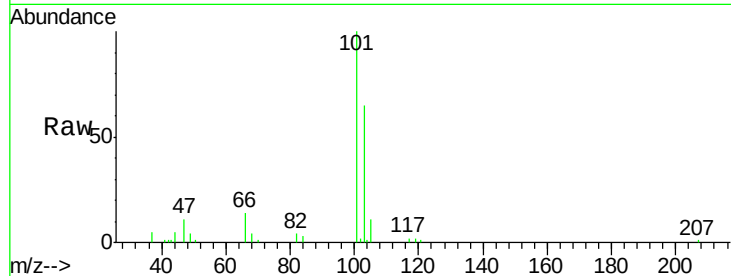
Trichlorofluoromethane
Concen: 19.943 ug/l
RT: 2.98 min Scan# 375
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		59609		
103	64.8	52.8	79.2		

Manual Integrations
APPROVED

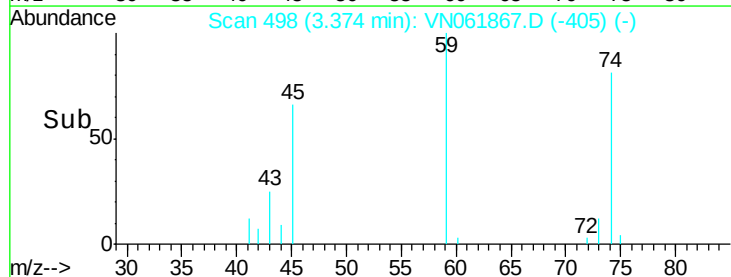
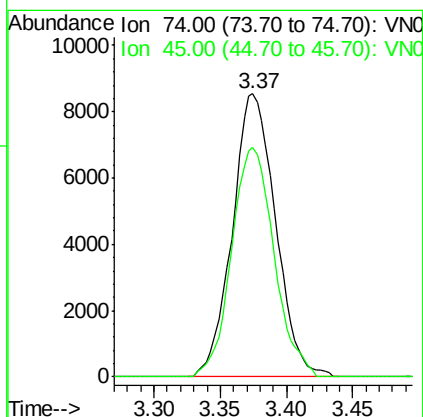
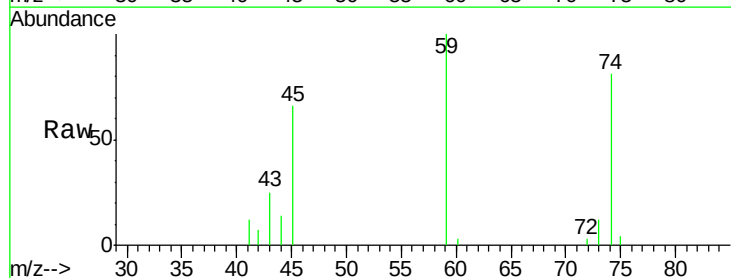
MMDadoda
6/18/2020 9:37:26 AM

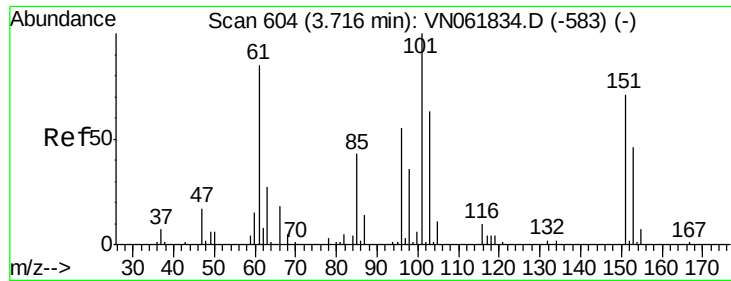


#8

Diethyl Ether
Concen: 19.264 ug/l
RT: 3.37 min Scan# 498
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		19357		
45	79.6	39.1	117.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.495 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

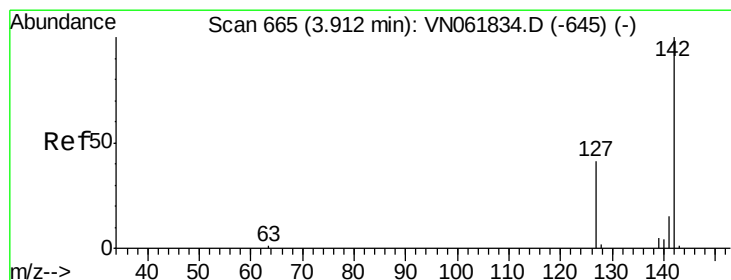
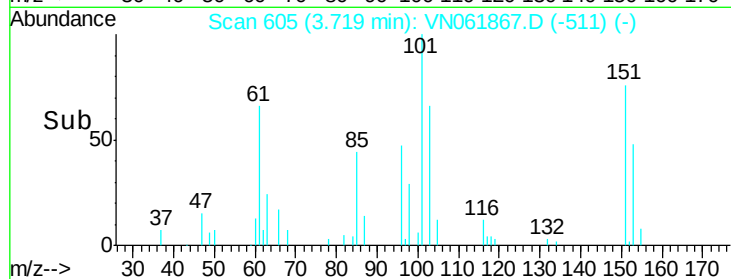
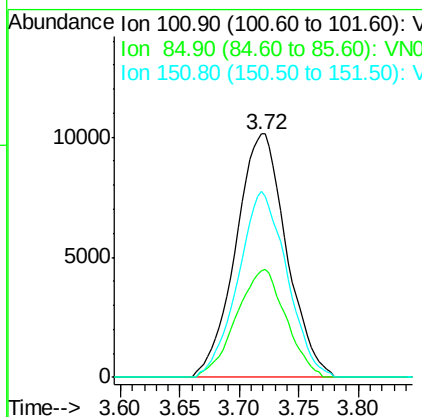
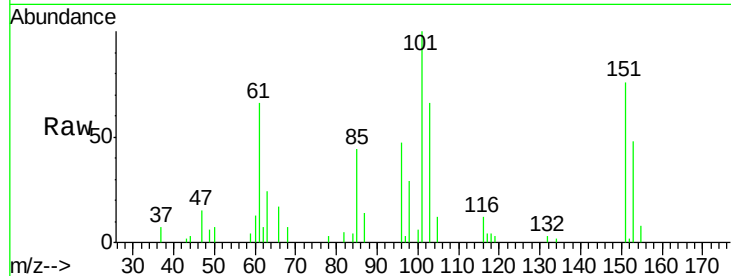
ClientSampleId :

VN0617WBS02

Tot Ion:	101	Resp:	29894
Ion Ratio	Lower	Upper	
101	100		
85	43.2	35.0	52.6
151	73.6	59.2	88.8

Manual Integrations
APPROVED

MMDadoda
6/18/2020 9:37:26 AM



#10

Methyl Iodide

Concen: 21.226 ug/l

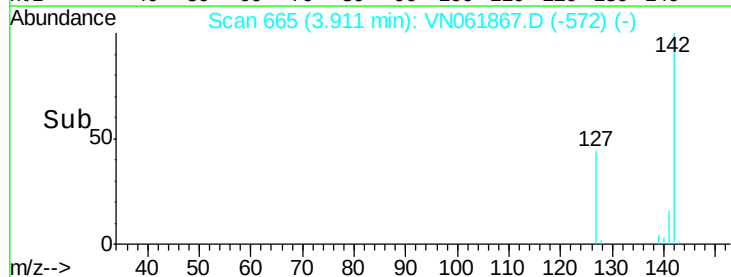
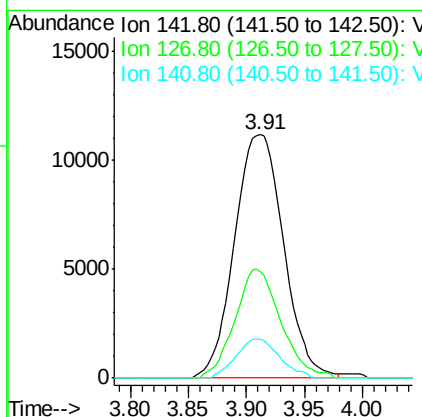
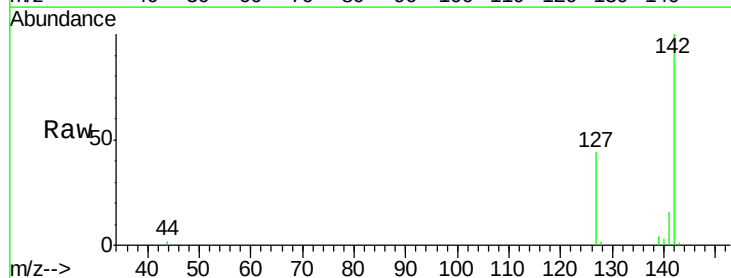
RT: 3.91 min Scan# 665

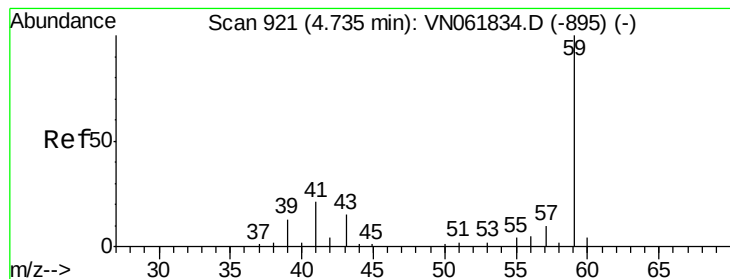
Delta R.T. 0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Tgt Ion:	142	Resp:	32943
Ion Ratio	Lower	Upper	
142	100		
127	41.7	33.4	50.0
141	14.3	11.3	16.9





#11

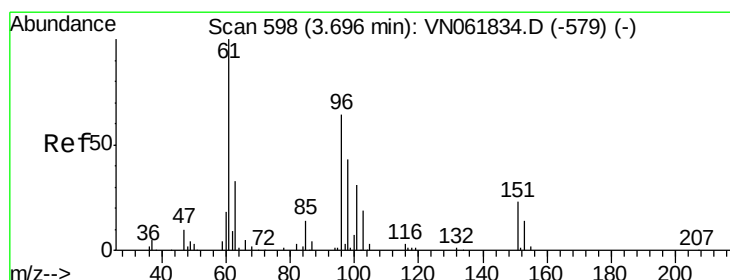
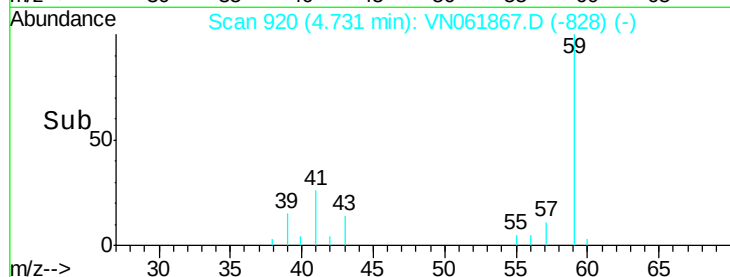
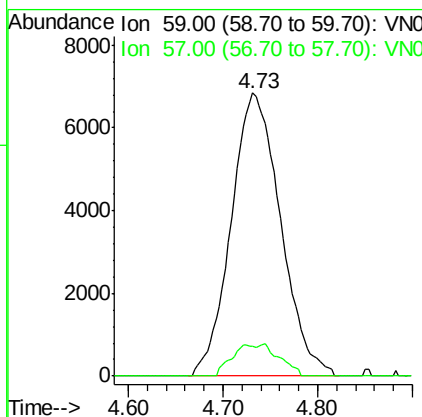
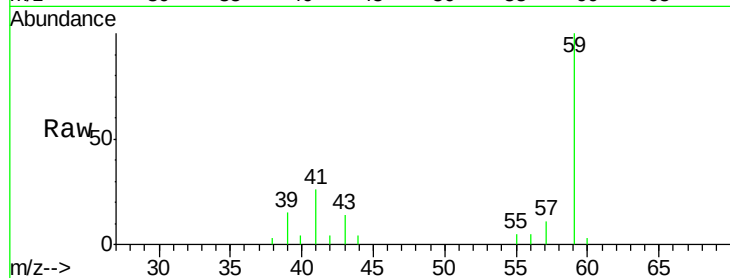
Tert butyl alcohol
Concen: 88.392 ug/l
RT: 4.73 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.5	7.7	11.5#

Manual Integrations
APPROVED

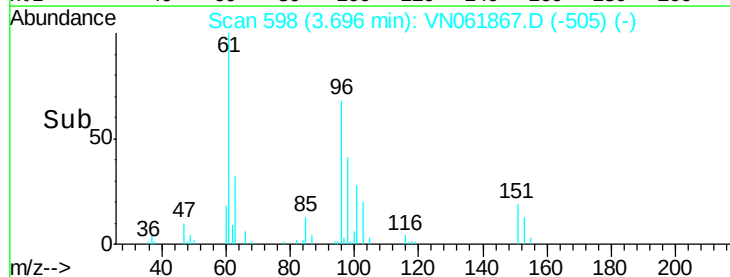
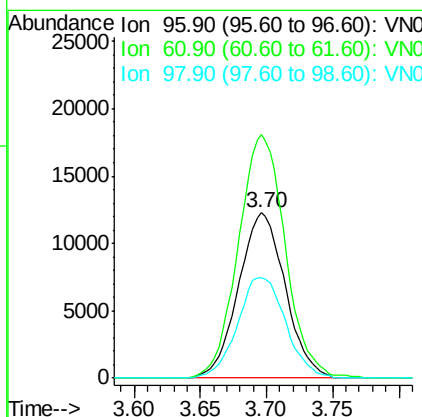
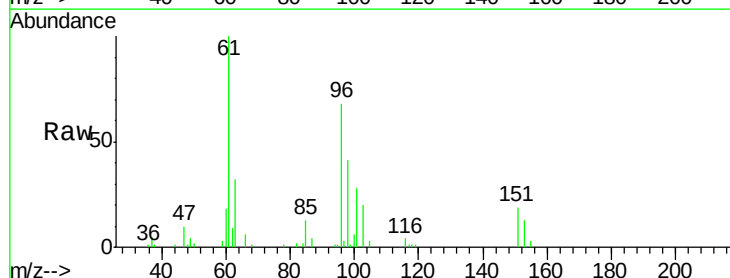
MMDadoda
6/18/2020 9:37:26 AM

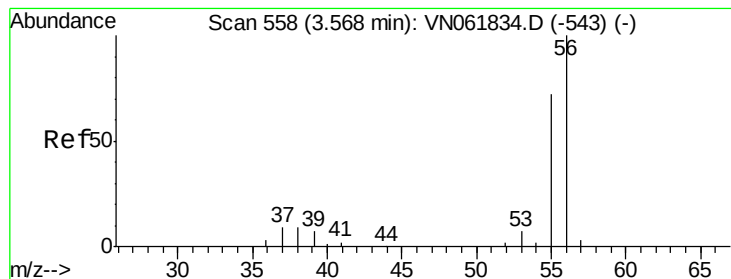


#12

1,1-Dichloroethene
Concen: 19.591 ug/l
RT: 3.70 min Scan# 598
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.5	124.3	186.5
98	60.5	53.1	79.7





#13

Acrolein

Concen: 71.005 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS02

Tot Ion: 56 Resp: 11910

Ion Ratio Lower Upper

56 100

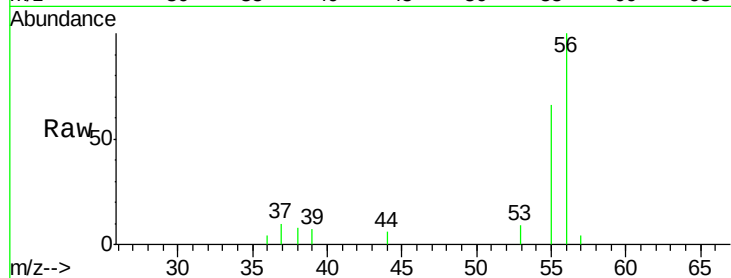
55 70.2 56.2 84.4

Manual Integrations

APPROVED

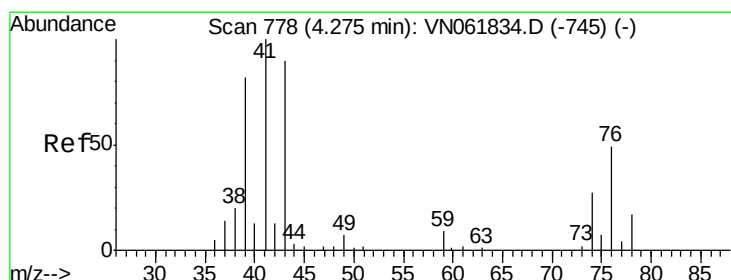
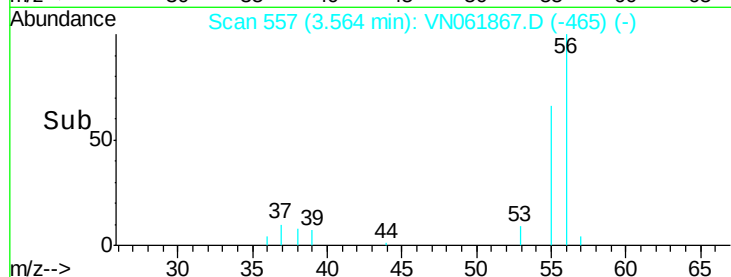
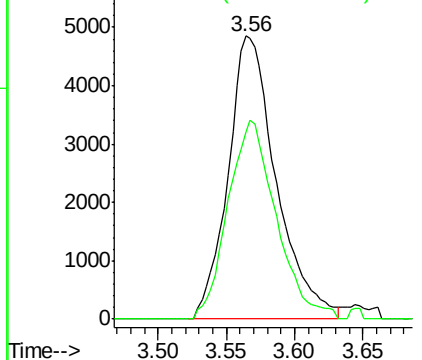
MMDadoda

6/18/2020 9:37:26 AM



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.954 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

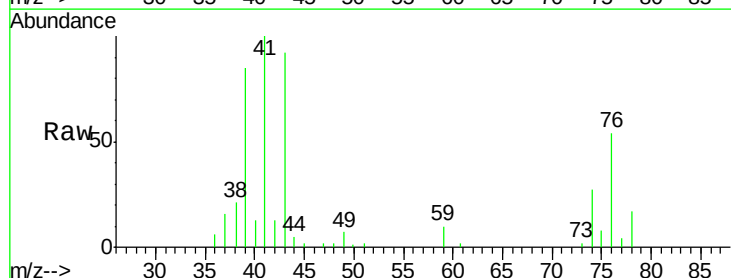
Tgt Ion: 41 Resp: 36612

Ion Ratio Lower Upper

41 100

39 79.8 60.2 90.2

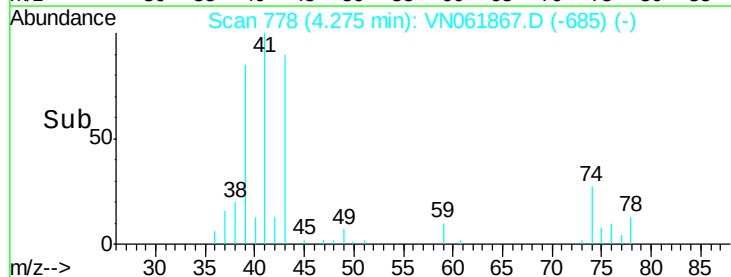
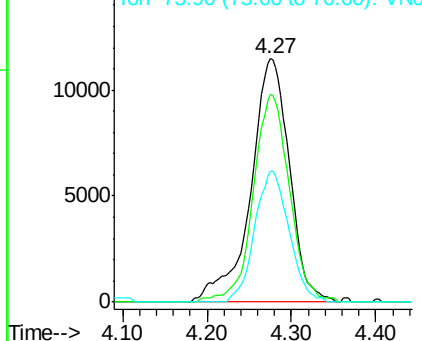
76 47.6 36.3 54.5

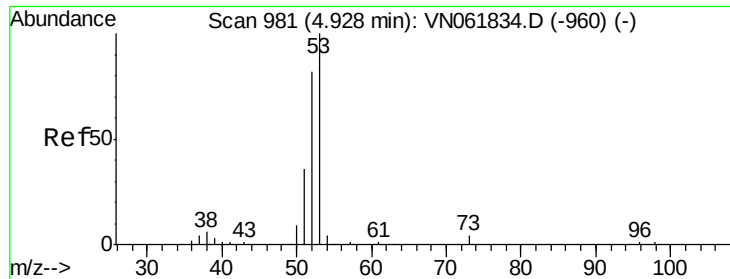


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 95.655 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.01 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

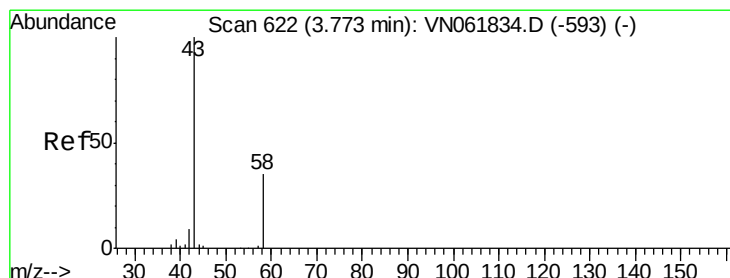
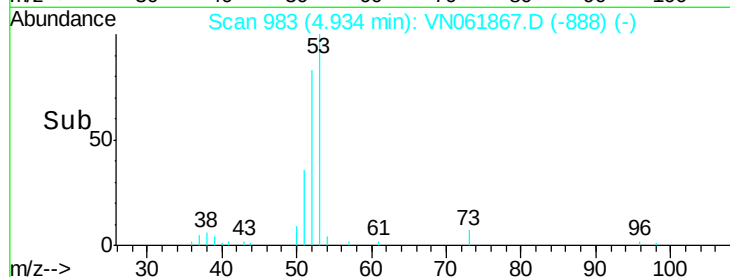
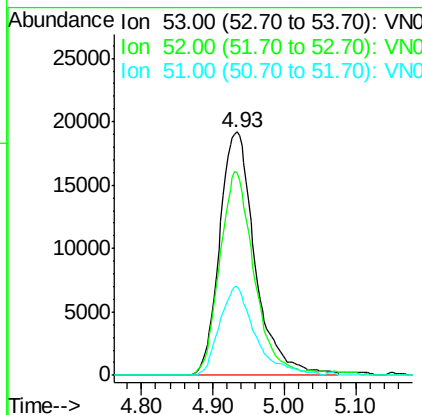
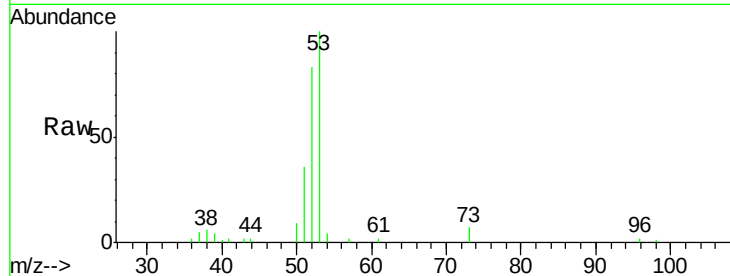
ClientSampleId :

VN0617WBS02

Tot Ion:	53	Resp:	66518
Ion	Ratio	Lower	Upper
53	100		
52	80.2	65.2	97.8
51	36.7	29.3	43.9

Manual Integrations
APPROVED

MMDadoda
6/18/2020 9:37:26 AM



#16

Acetone

Concen: 88.887 ug/l

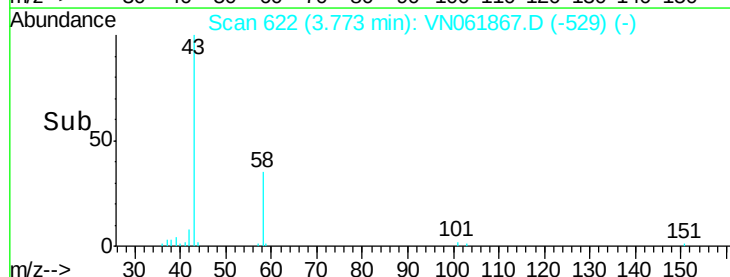
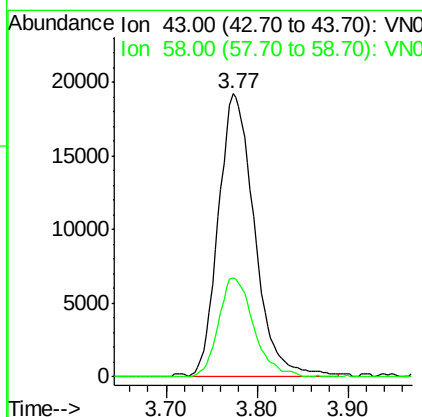
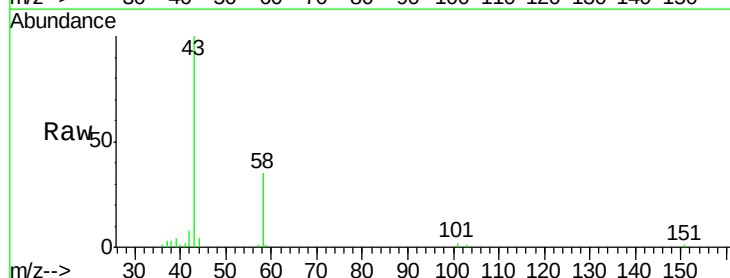
RT: 3.77 min Scan# 622

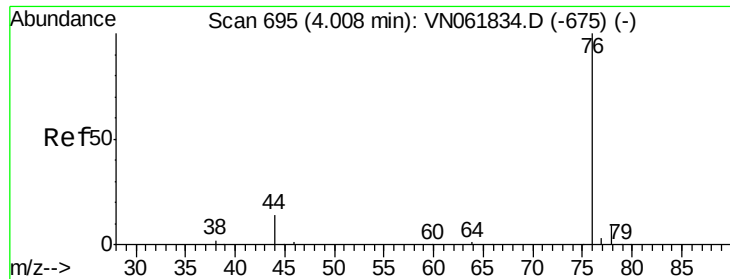
Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Tgt Ion:	43	Resp:	53249
Ion	Ratio	Lower	Upper
43	100		
58	35.2	27.8	41.8





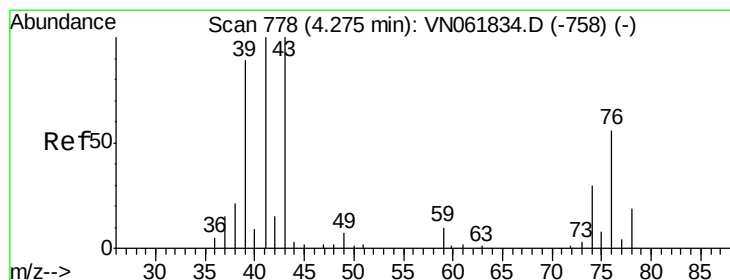
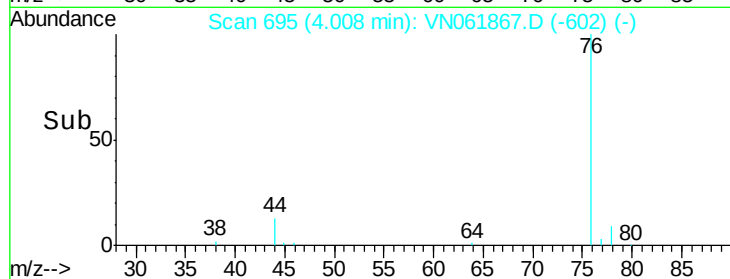
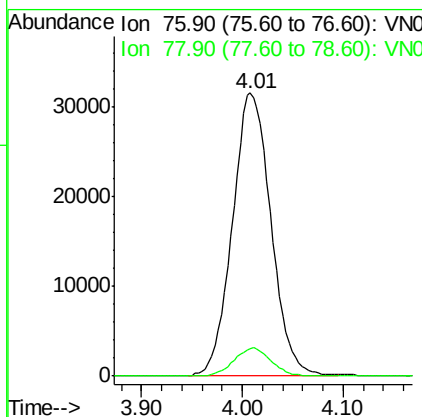
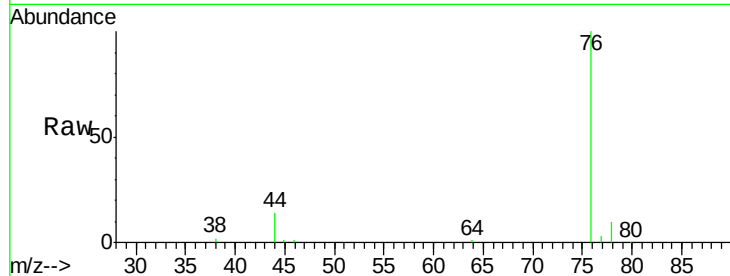
#17
Carbon Disulfide
Concen: 18.651 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.3	10.9

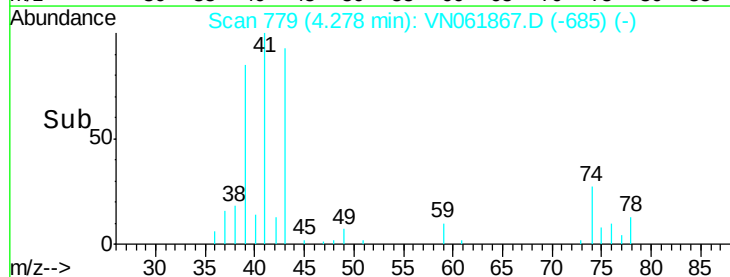
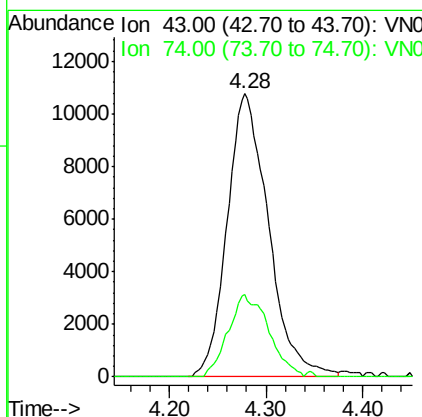
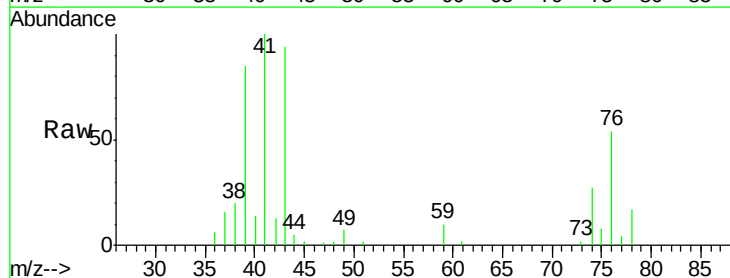
Manual Integrations
APPROVED

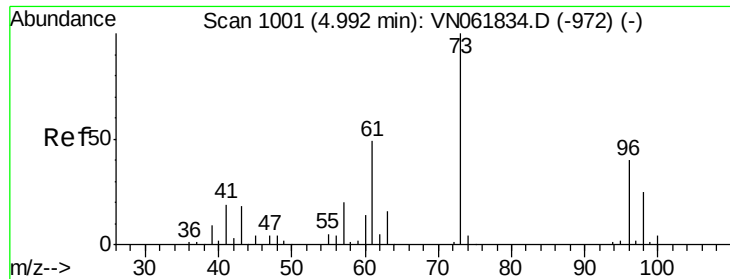
MMDadoda
6/18/2020 9:37:26 AM



#18
Methyl Acetate
Concen: 18.581 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.5	23.0	34.4





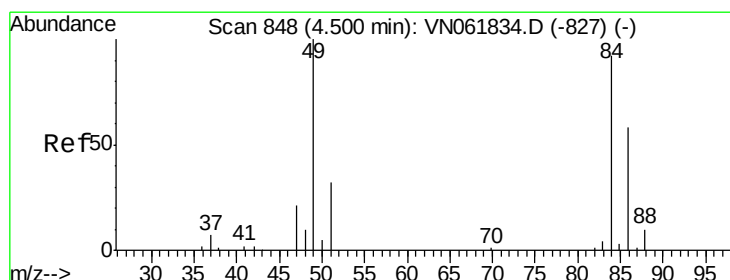
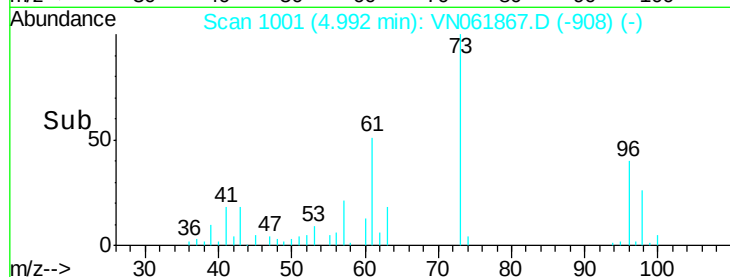
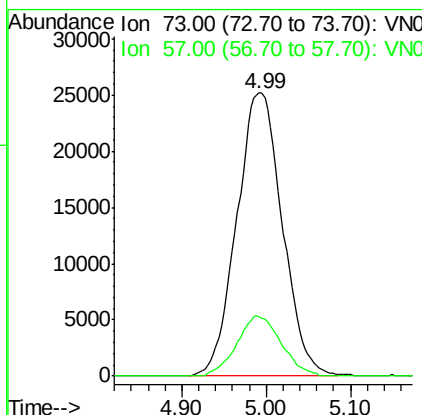
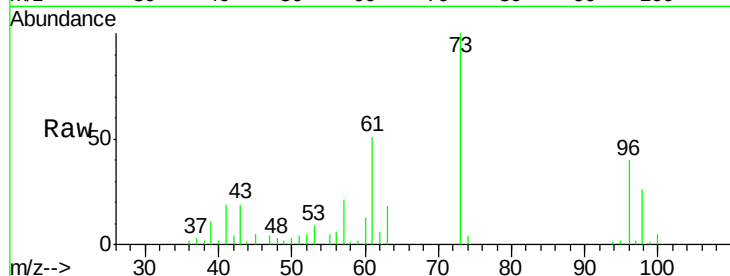
#19
Methyl tert-butyl Ether
Concen: 18.493 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

Tot Ion: 73 Resp: 94608
Ion Ratio Lower Upper
73 100
57 21.1 16.2 24.4

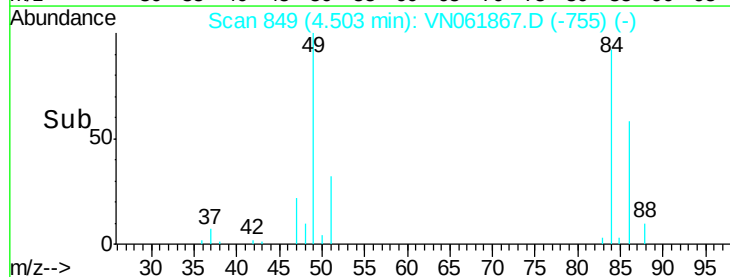
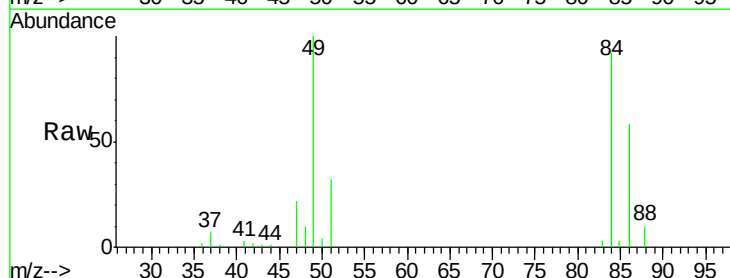
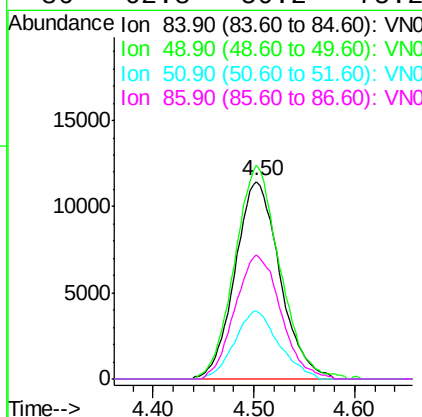
Manual Integrations
APPROVED

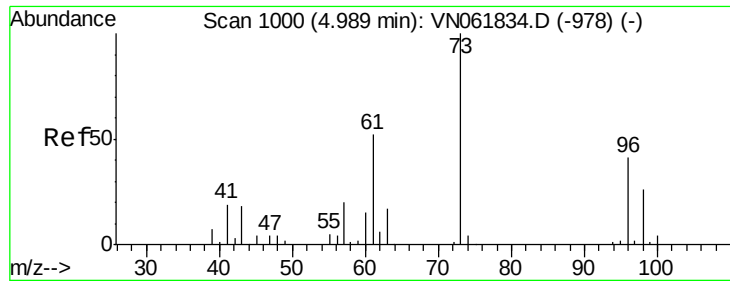
MMDadoda
6/18/2020 9:37:26 AM



#20
Methylene Chloride
Concen: 18.133 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion: 84 Resp: 35390
Ion Ratio Lower Upper
84 100
49 108.3 87.0 130.4
51 34.6 27.8 41.6
86 62.8 50.2 75.2





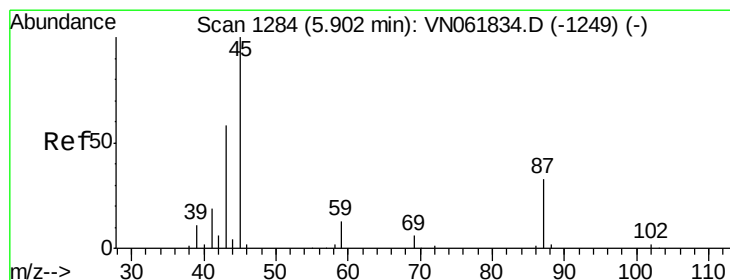
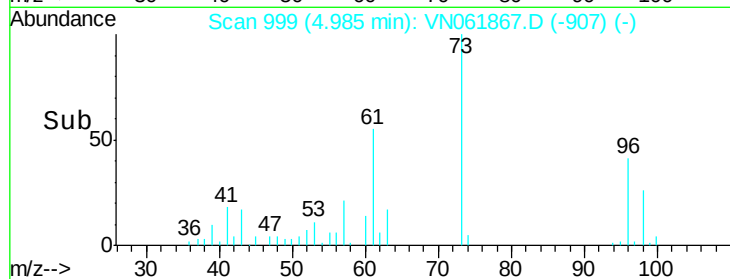
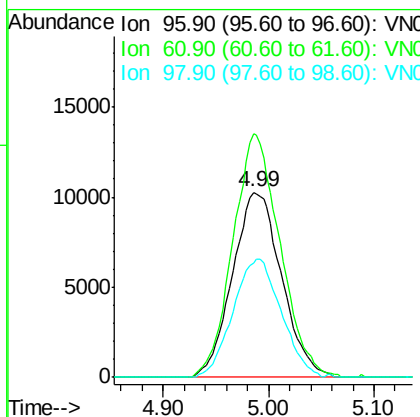
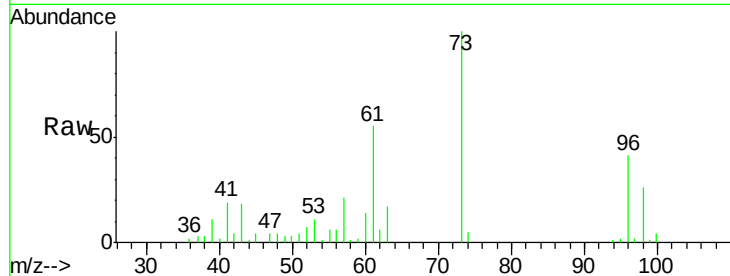
#21
trans-1,2-Dichloroethene
Concen: 18.825 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.8	102.2	153.4
98	62.1	51.2	76.8

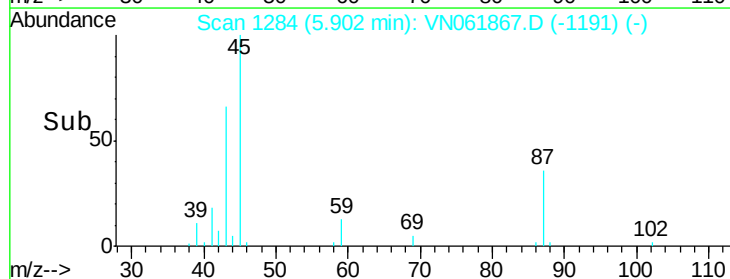
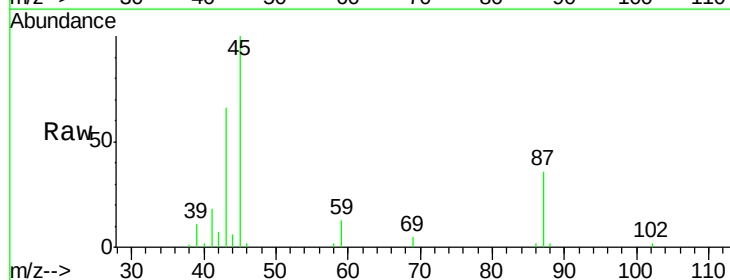
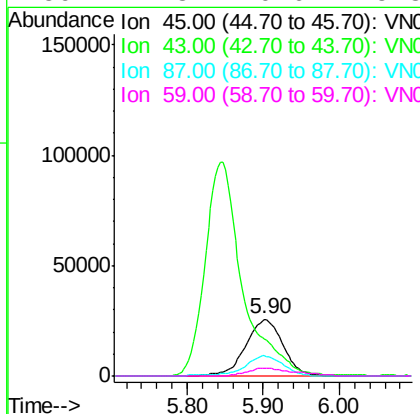
Manual Integrations
APPROVED

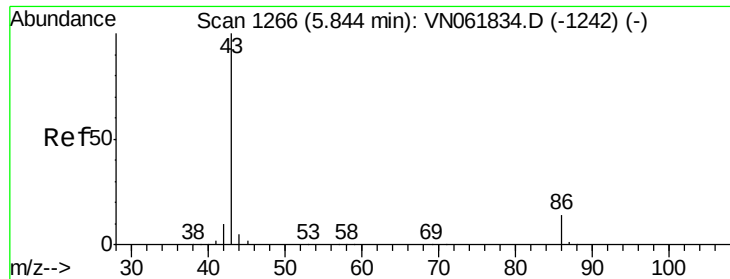
MMDadoda
6/18/2020 9:37:26 AM



#22
Diisopropyl ether
Concen: 18.735 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.1	49.4	74.2
87	35.7	27.4	41.0
59	12.8	10.6	15.8





#23

Vinyl Acetate

Concen: 90.361 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS02

Tot Ion: 43 Resp: 331455

Ion Ratio Lower Upper

43 100

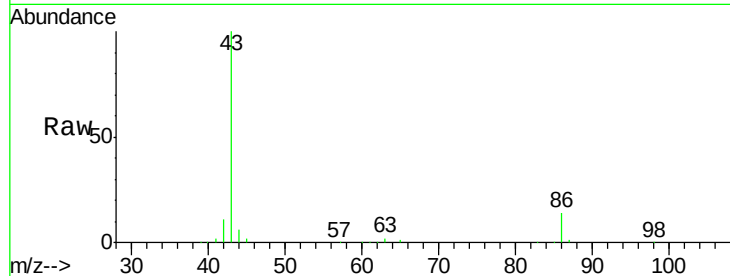
86 13.7 10.9 16.3

Manual Integrations

APPROVED

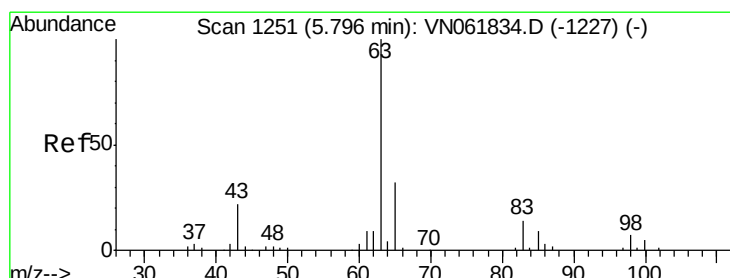
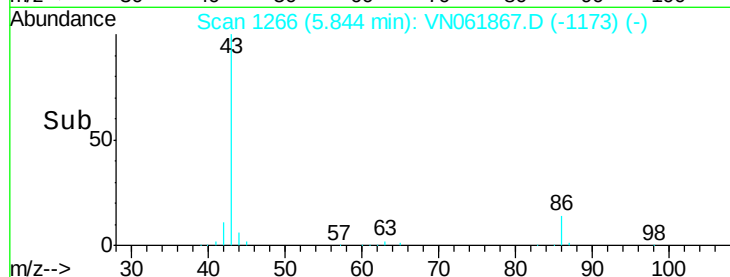
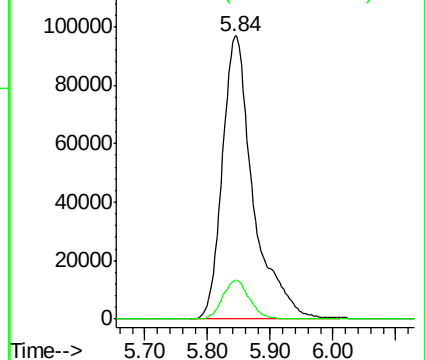
MMDadoda

6/18/2020 9:37:26 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.648 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

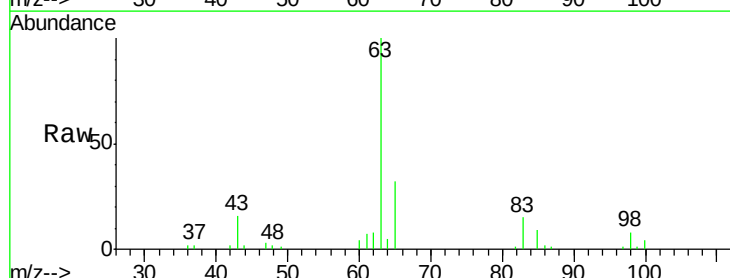
Tgt Ion: 63 Resp: 56934

Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.4

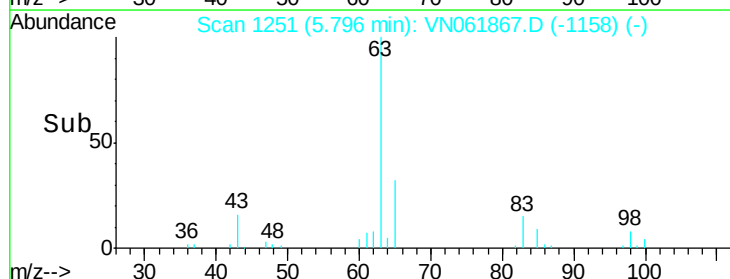
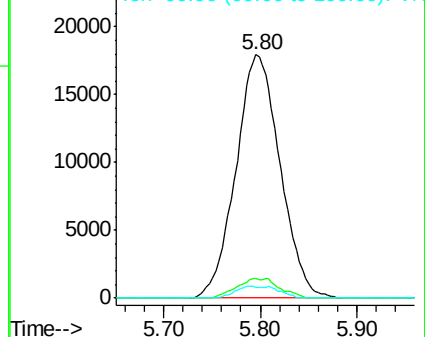
100 4.4 2.5 7.4

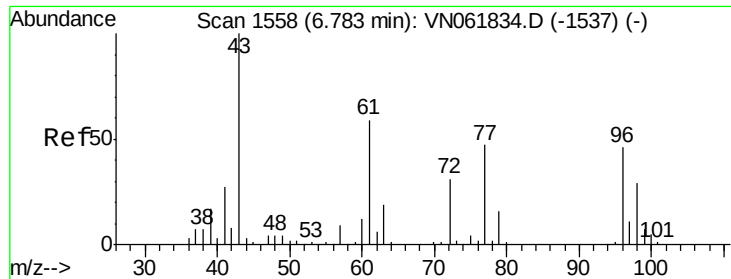


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





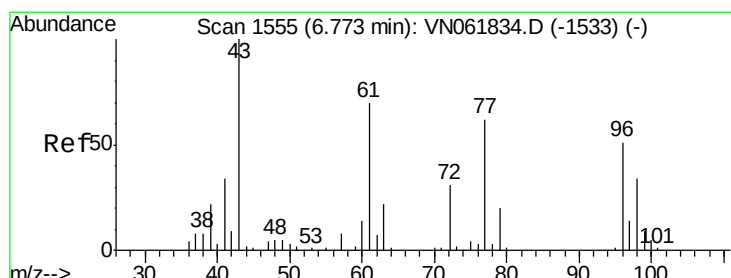
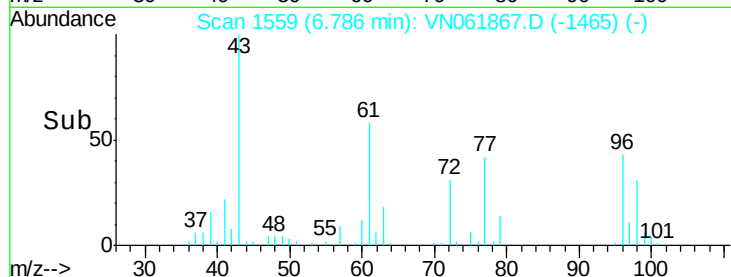
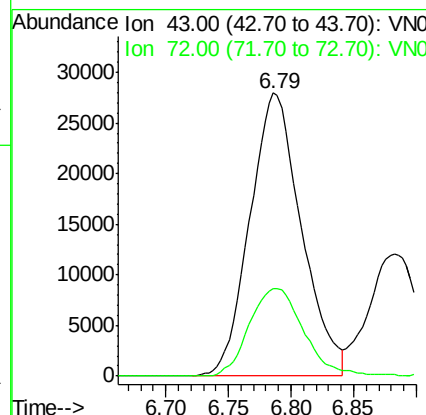
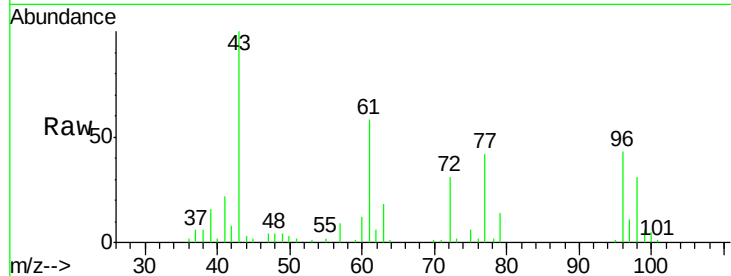
#25
2-Butanone
Concen: 91.628 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

Tot Ion: 43 Resp: 80086
Ion Ratio Lower Upper
43 100
72 30.9 24.6 37.0

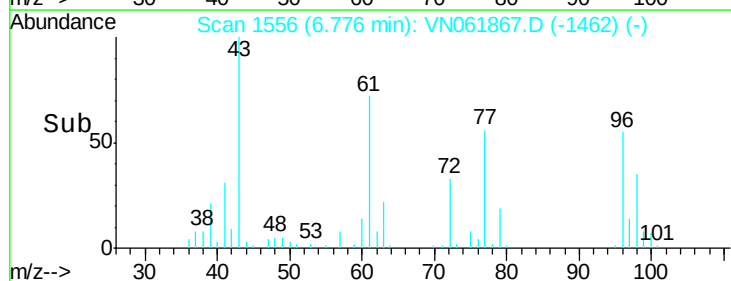
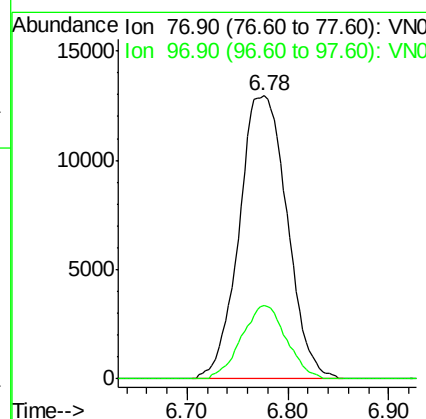
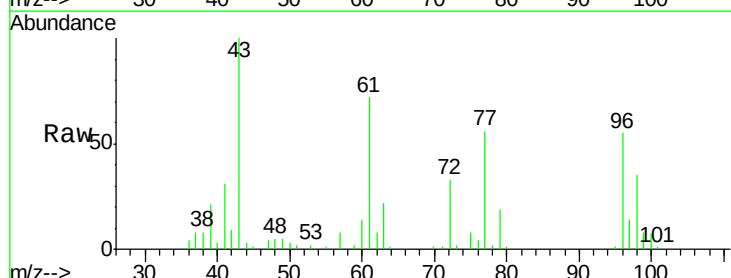
Manual Integrations
APPROVED

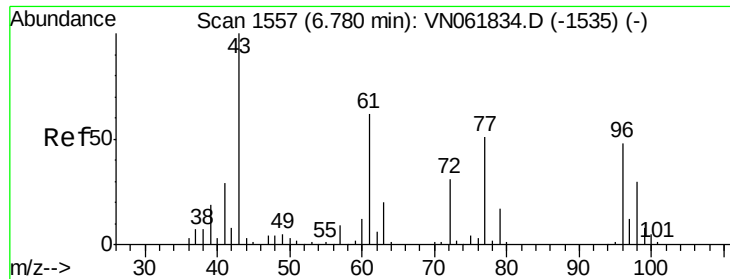
MMDadoda
6/18/2020 9:37:26 AM



#26
2,2-Dichloropropane
Concen: 16.647 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion: 77 Resp: 42760
Ion Ratio Lower Upper
77 100
97 24.2 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 18.576 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

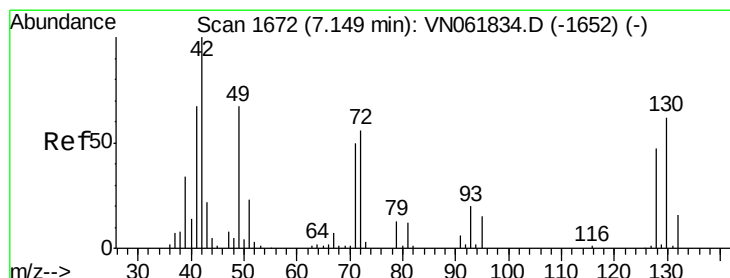
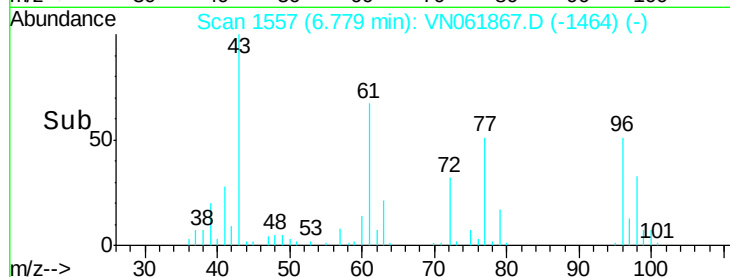
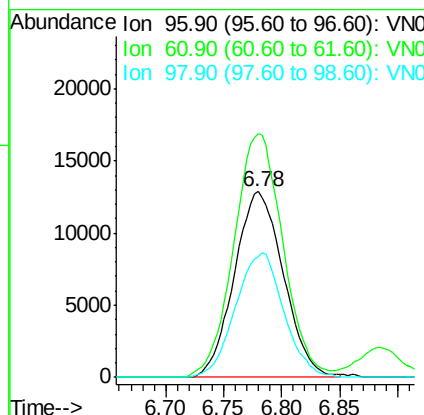
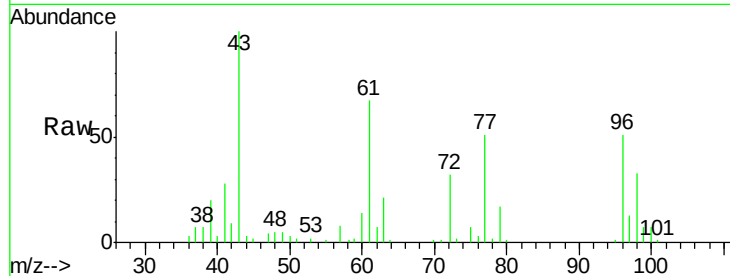
ClientSampleId :

VN0617WBS02

Tot Ion:	96	Resp:	37826
Ion	Ratio	Lower	Upper
96	100		
61	131.5	0.0	265.6
98	66.0	0.0	128.2

Manual Integrations
APPROVED

MMDadoda
6/18/2020 9:37:26 AM



#28

Bromochloromethane

Concen: 19.027 ug/l

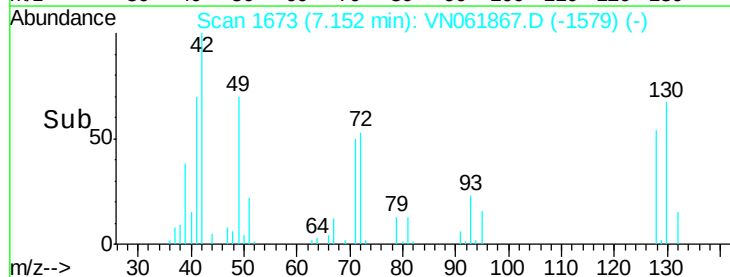
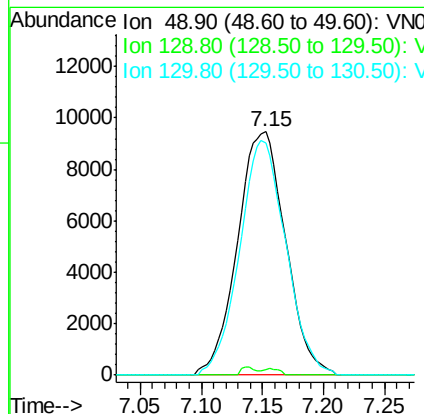
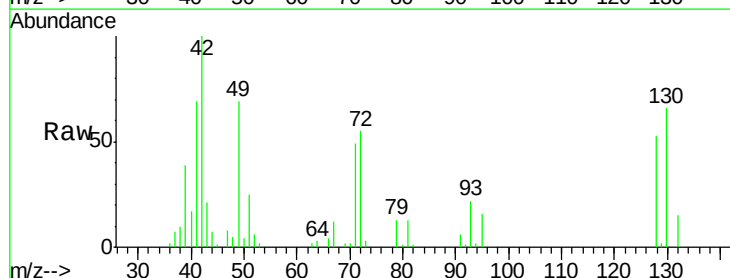
RT: 7.15 min Scan# 1673

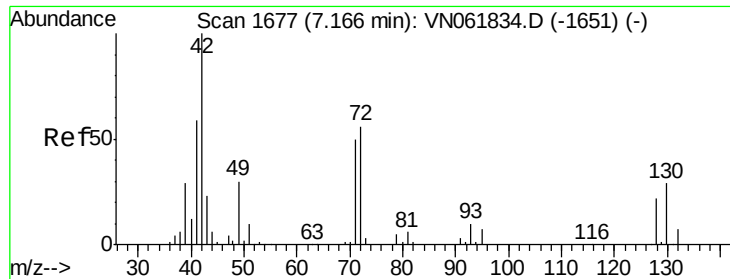
Delta R.T. 0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Tgt Ion:	49	Resp:	25864
Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	4.0
130	92.6	72.2	108.2





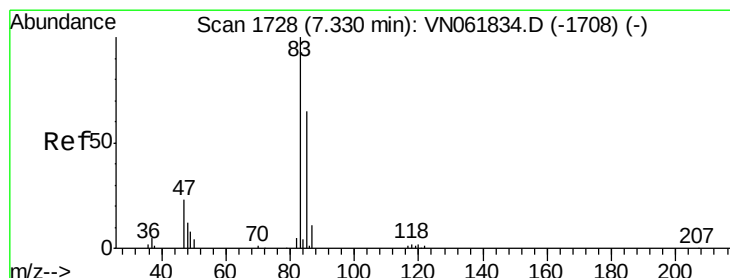
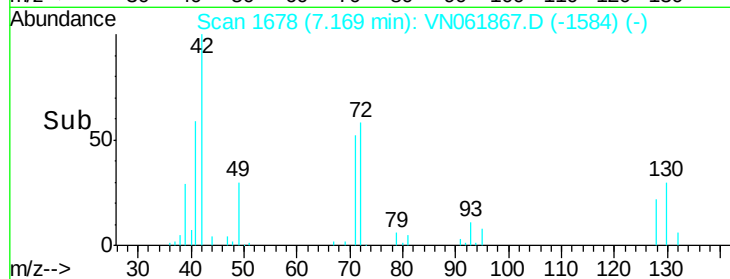
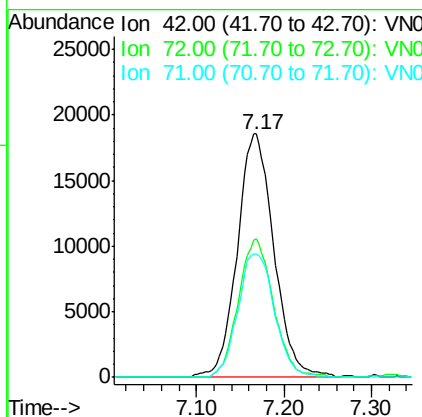
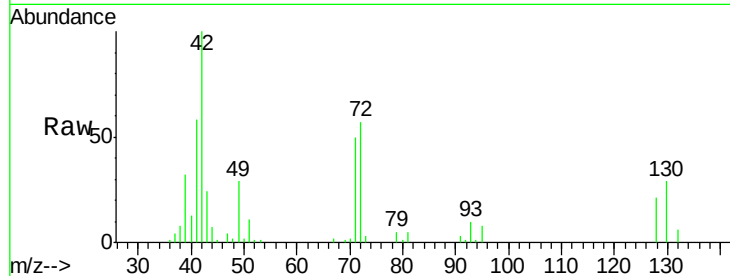
#29
Tetrahydrofuran
Concen: 93.620 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	54.7	44.0	66.0
71	50.8	40.0	60.0

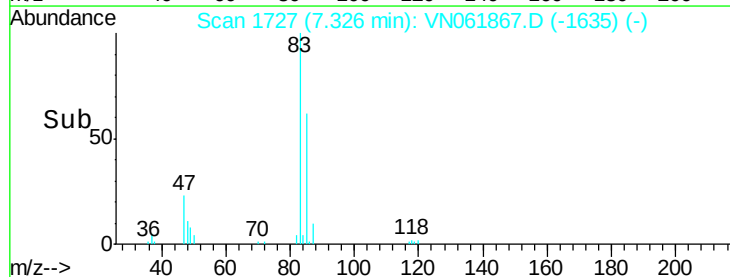
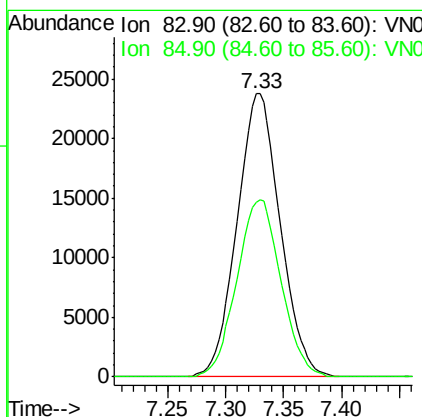
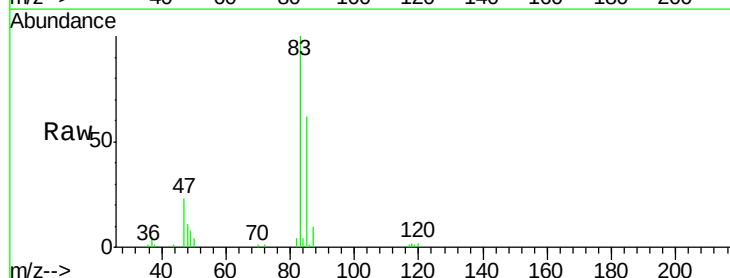
Manual Integrations
APPROVED

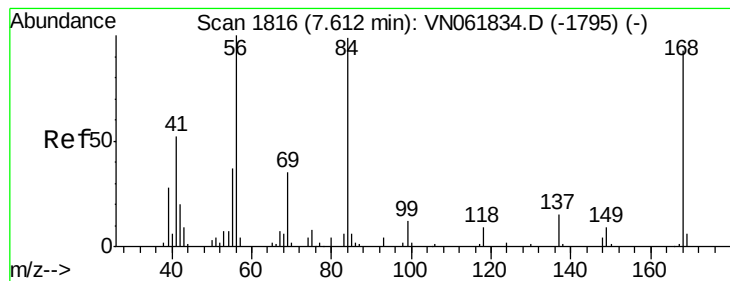
MMDadoda
6/18/2020 9:37:26 AM



#30
Chloroform
Concen: 18.899 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.8	52.0	78.0





#31

Cyclohexane

Concen: 18.061 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

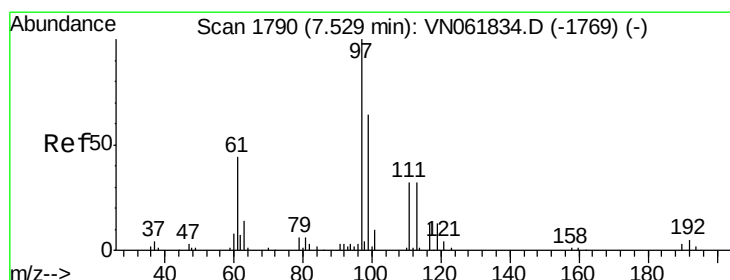
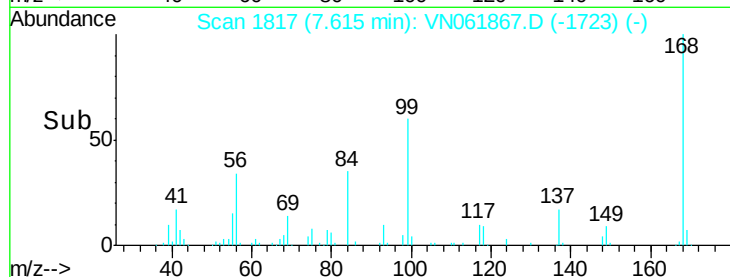
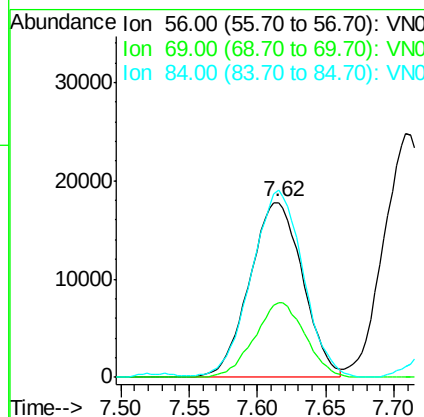
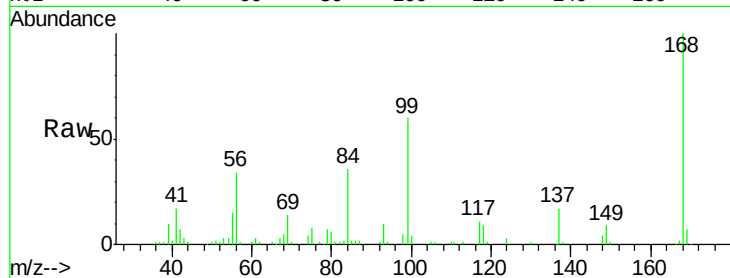
ClientSampleId :

VN0617WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		48271		
69	42.6	27.7		41.5#	
84	106.3	79.1		118.7	

Manual Integrations
APPROVED

MMDadoda
6/18/2020 9:37:26 AM



#32

1,1,1-Trichloroethane

Concen: 19.010 ug/l

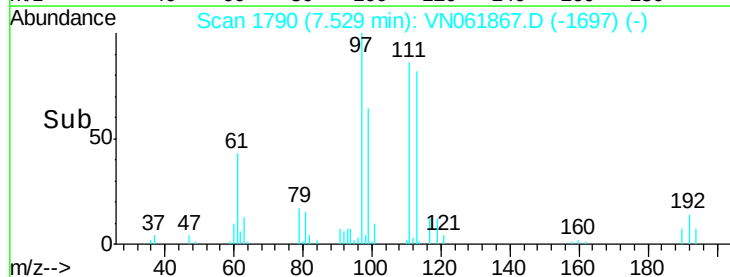
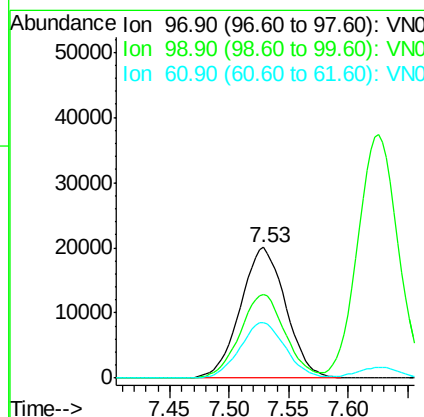
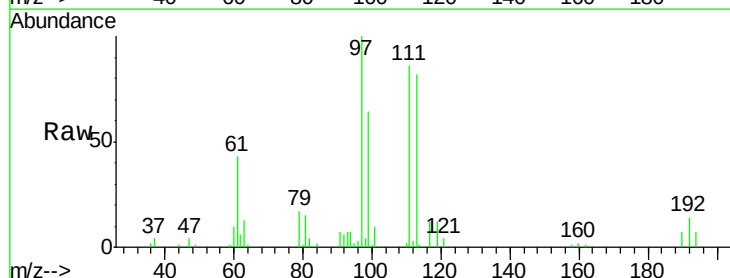
RT: 7.53 min Scan# 1790

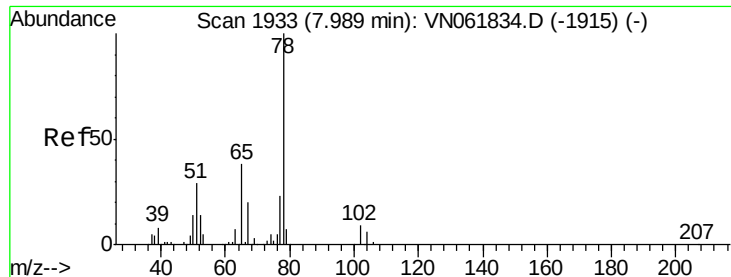
Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		52824		
99	63.7	51.5		77.3	
61	42.7	35.1		52.7	





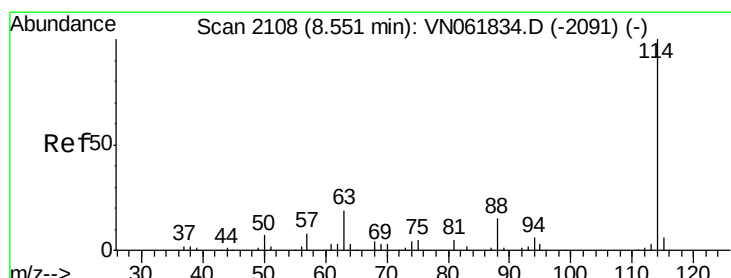
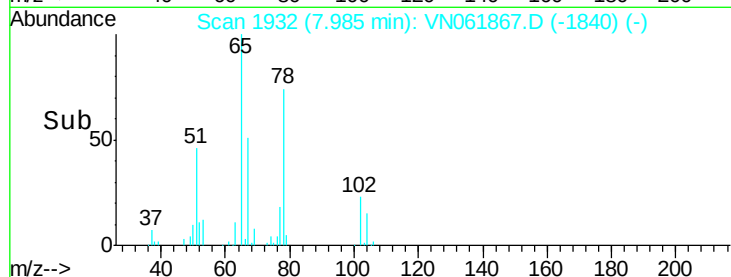
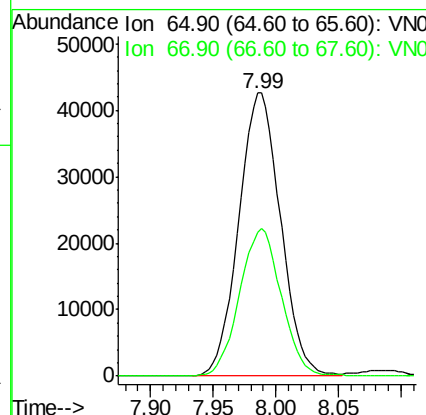
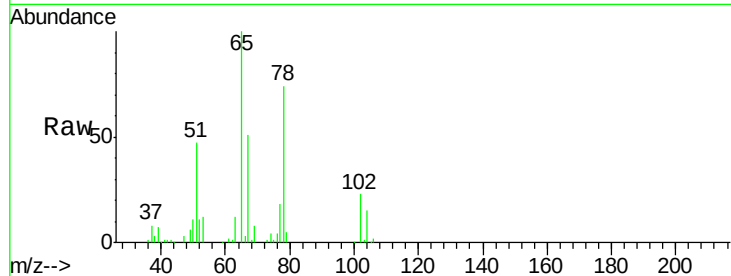
#33
 1,2-Dichloroethane-d4
 Concen: 48.622 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.2	0.0	106.2	

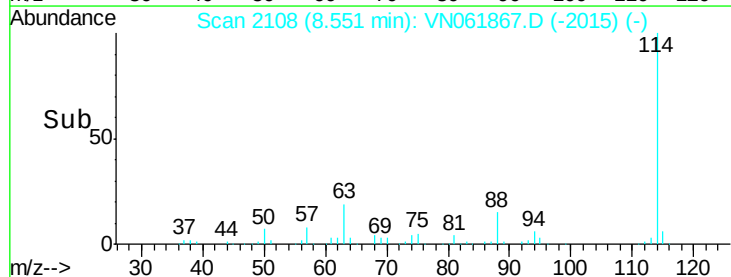
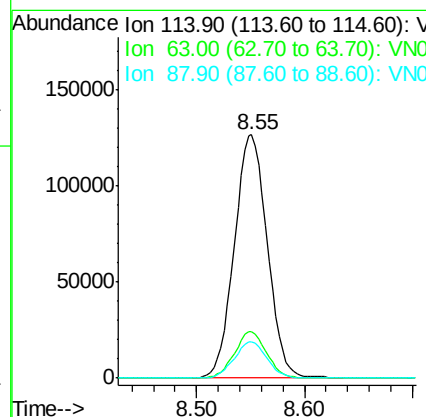
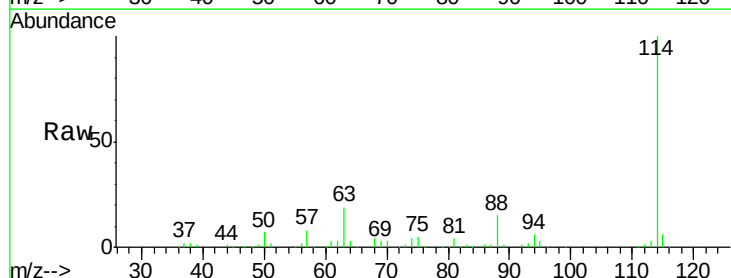
Manual Integrations
 APPROVED

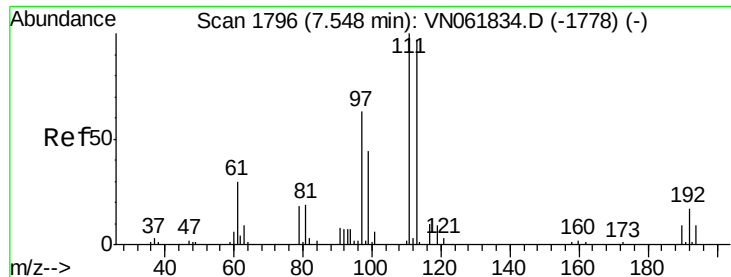
MMDadoda
 6/18/2020 9:37:26 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.0	0.0	37.6	
88	14.9	0.0	31.0	





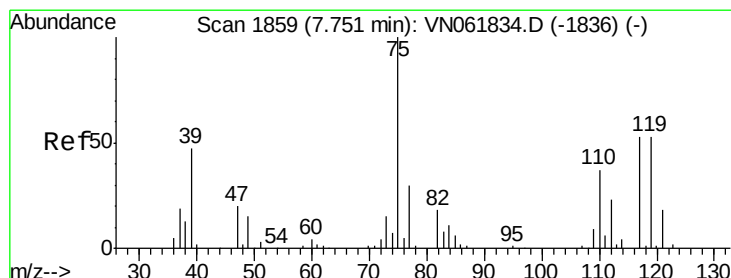
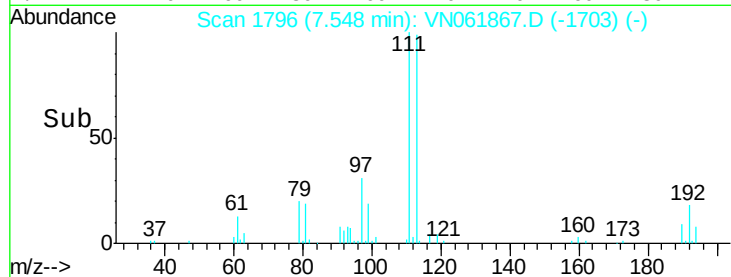
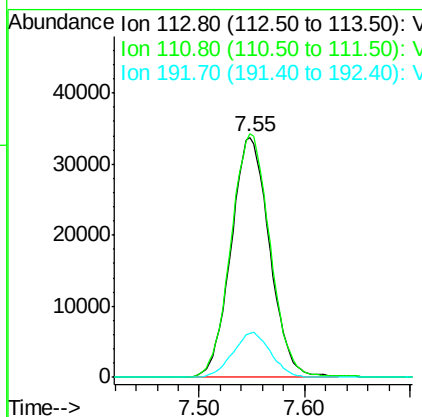
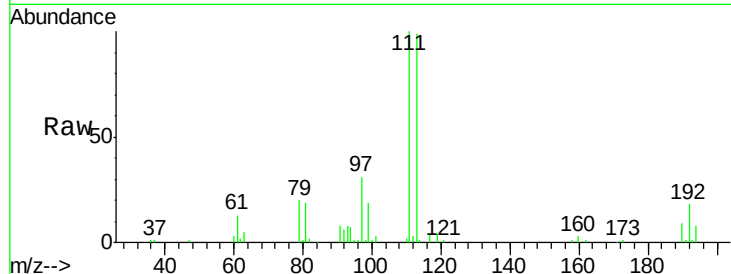
#35
 Dibromofluoromethane
 Concen: 49.708 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.7	125.5
192	18.4	13.9	20.9

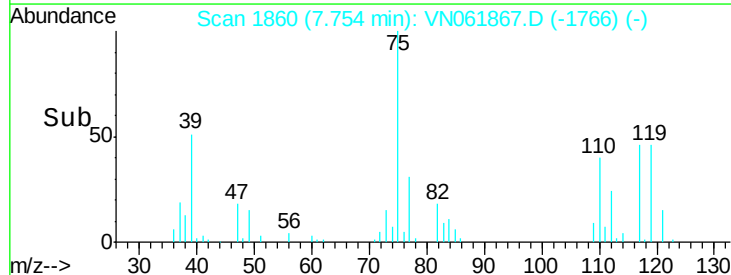
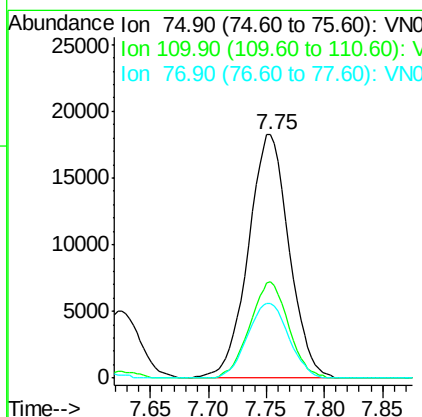
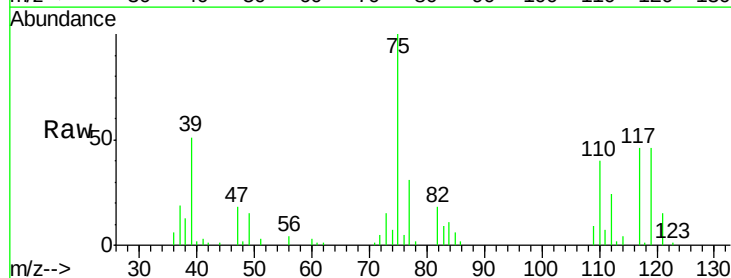
Manual Integrations
 APPROVED

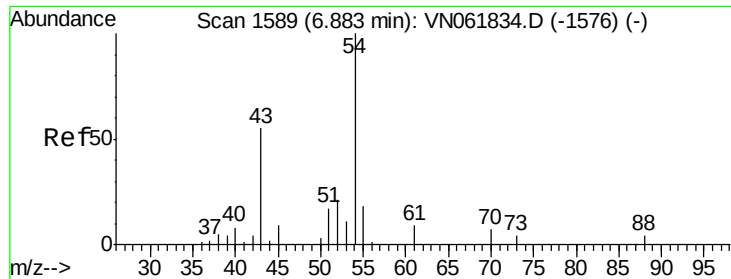
MMDadoda
 6/18/2020 9:37:26 AM



#36
 1,1-Dichloropropene
 Concen: 18.210 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.4	18.2	54.6
77	30.9	24.2	36.4





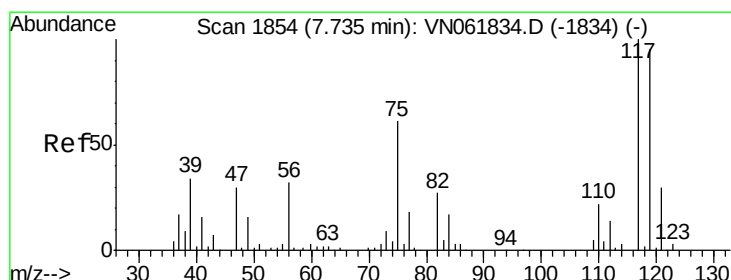
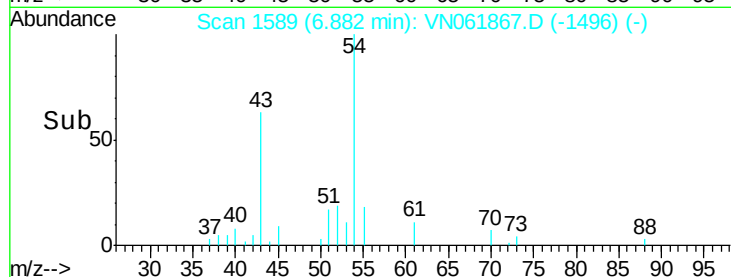
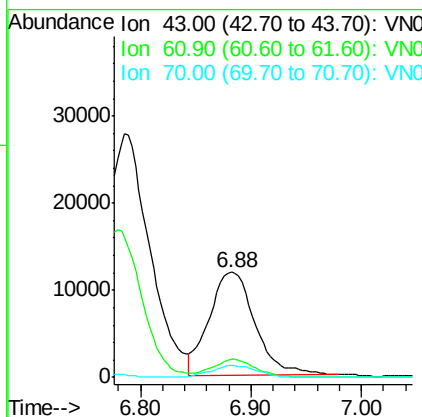
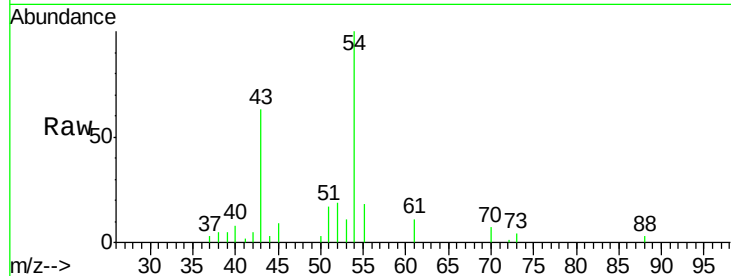
#37
Ethyl Acetate
Concen: 18.049 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.3	13.0	19.4
70	11.1	9.4	14.2

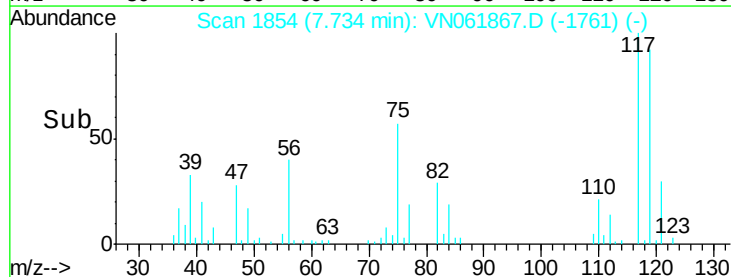
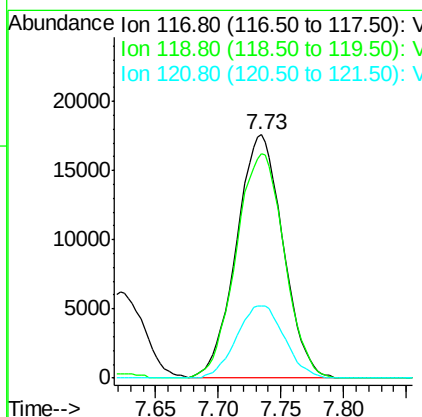
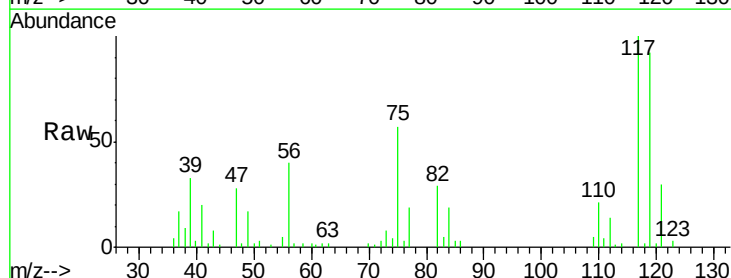
Manual Integrations
APPROVED

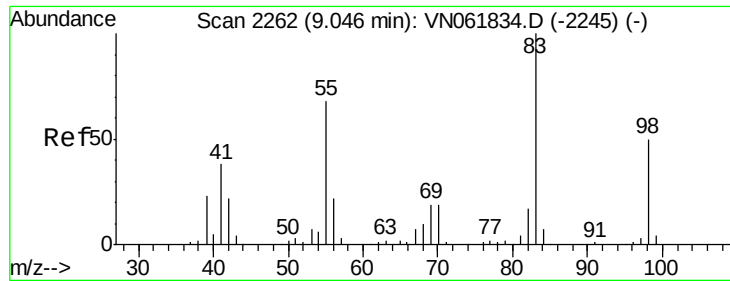
MMDadoda
6/18/2020 9:37:26 AM



#38
Carbon Tetrachloride
Concen: 18.688 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.0	75.8	113.6
121	29.8	23.8	35.6





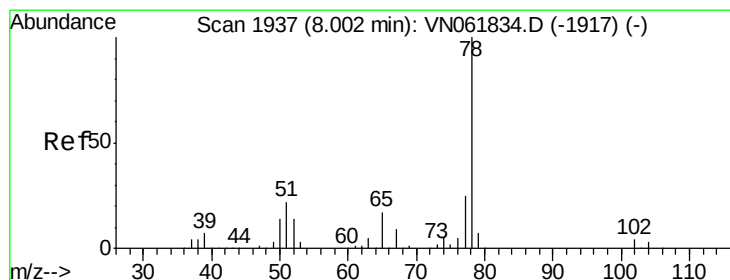
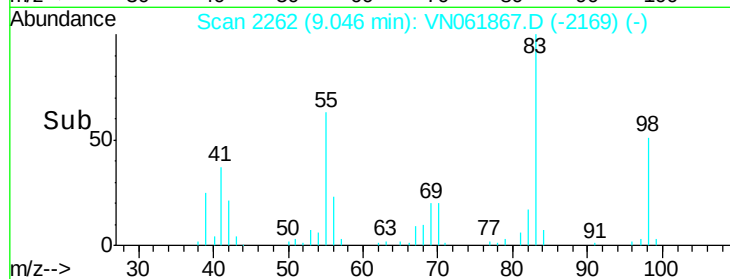
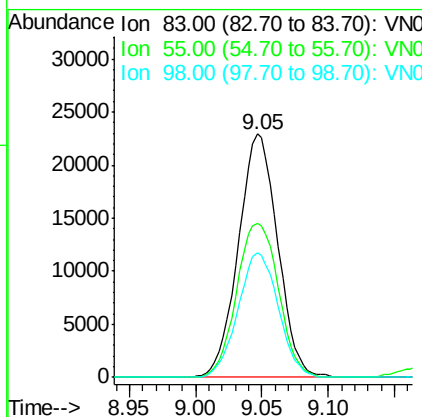
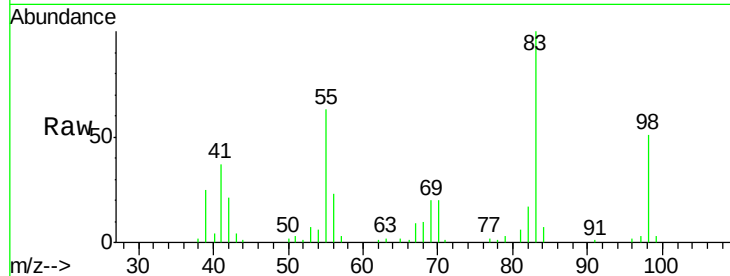
#39
Methylvlcyclohexane
Concen: 17.943 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	63.2	54.2	81.4
98	51.2	39.8	59.6

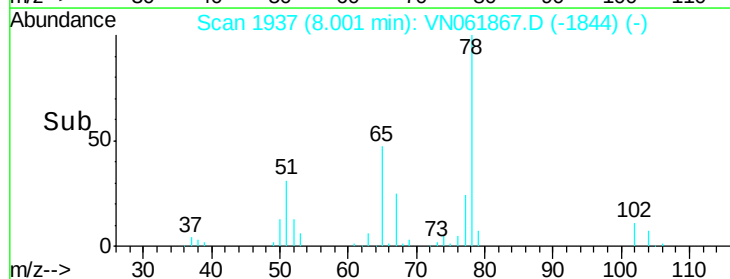
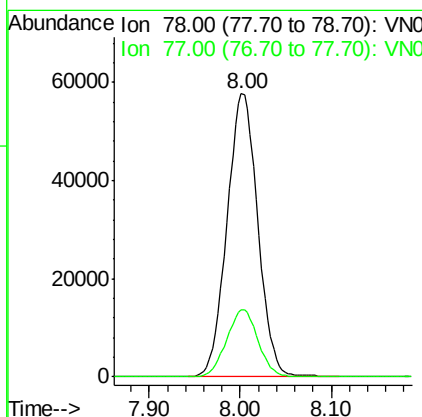
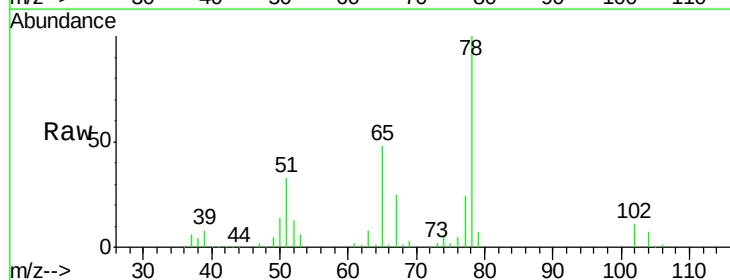
Manual Integrations
APPROVED

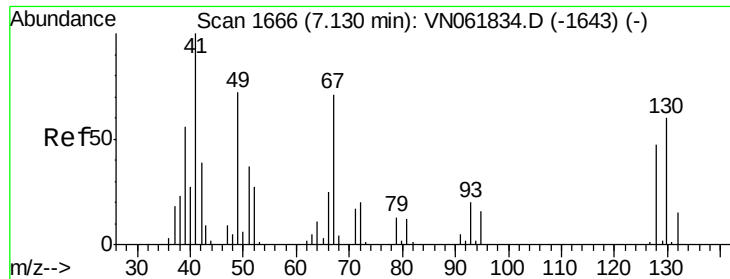
MMDadoda
6/18/2020 9:37:26 AM



#40
Benzene
Concen: 18.237 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.7	29.5





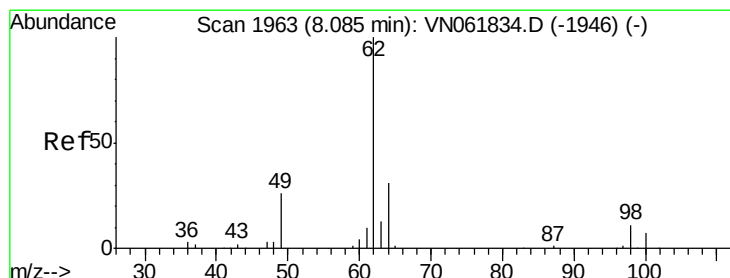
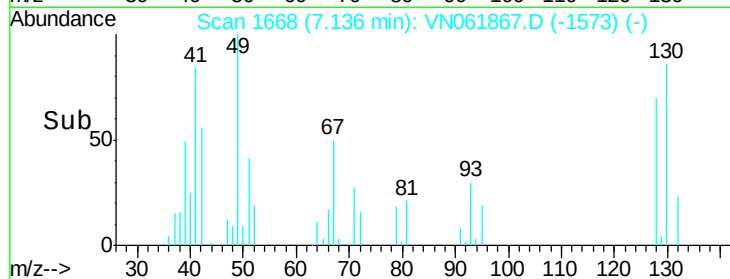
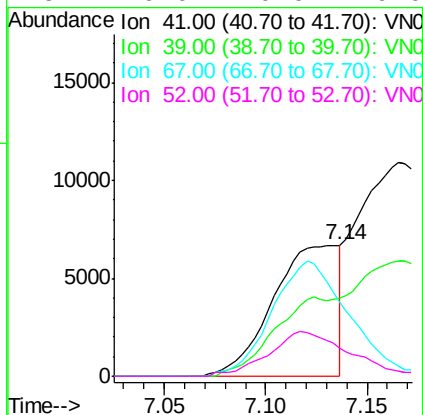
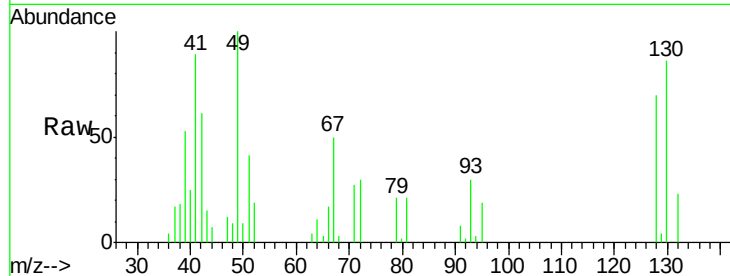
#41
Methacrylonitrile
Concen: 18.513 ug/l m
RT: 7.14 min Scan# 1668
Delta R.T. 0.01 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

Tot Ion	41	Resp	15174
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

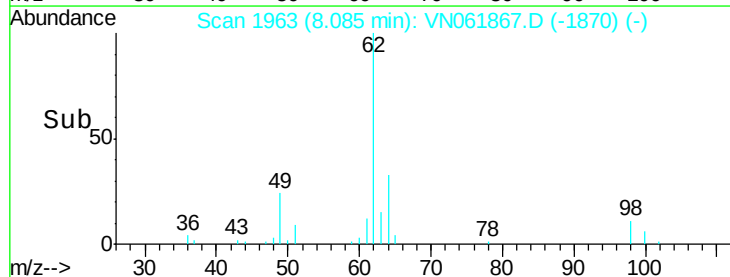
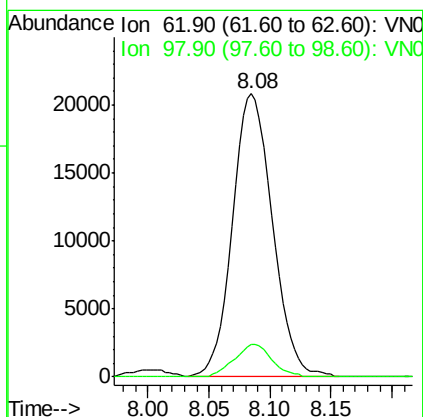
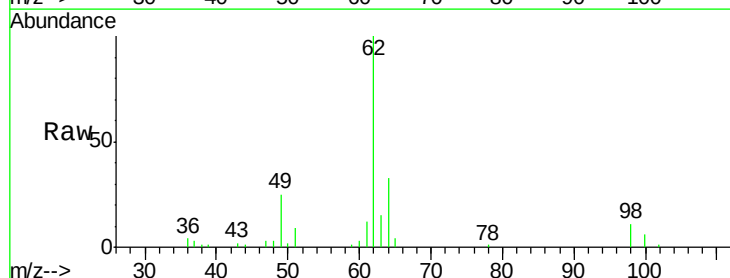
Manual Integrations
APPROVED

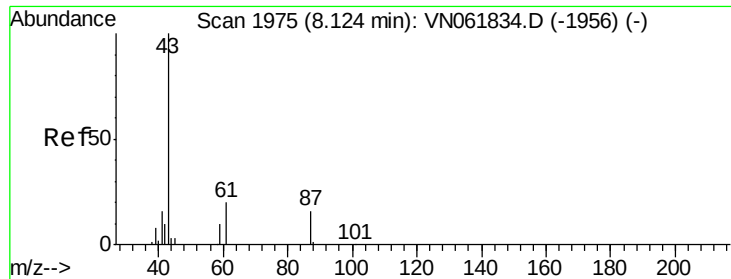
MMDadoda
6/18/2020 9:37:26 AM



#42
1,2-Dichloroethane
Concen: 18.687 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion	62	Resp	47375
Ion Ratio	Lower	Upper	
62	100		
98	10.7	0.0	20.4





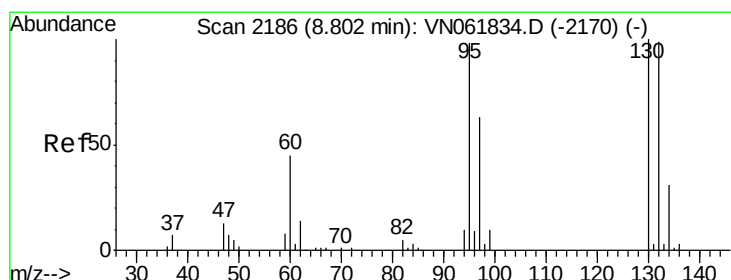
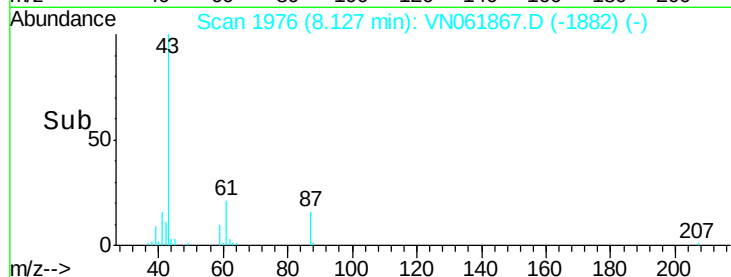
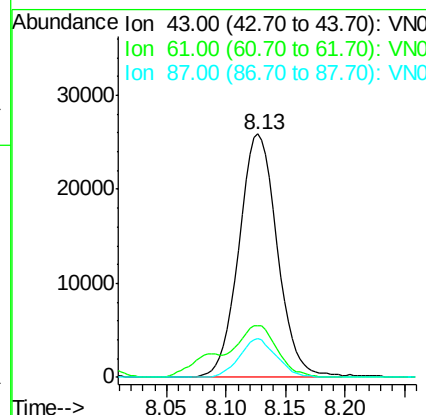
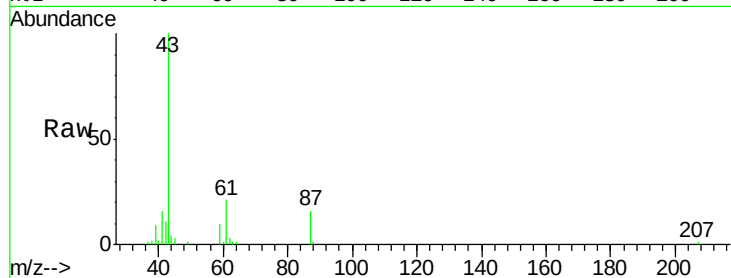
#43
Isopropyl Acetate
Concen: 17.953 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.6	24.0	36.0#
87	15.3	12.5	18.7

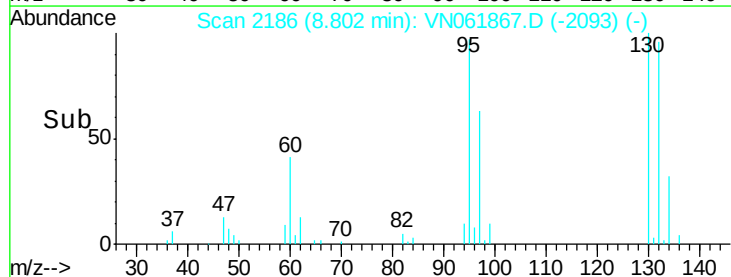
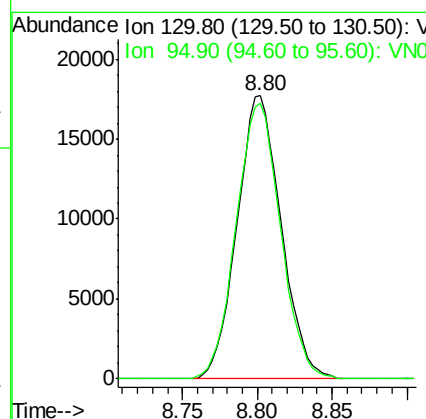
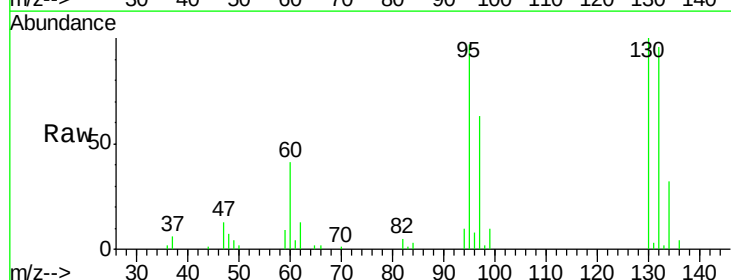
Manual Integrations
APPROVED

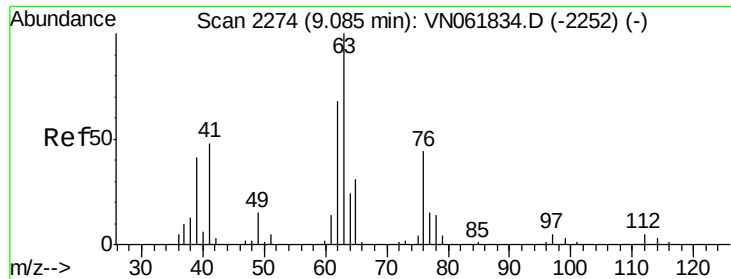
MMDadoda
6/18/2020 9:37:26 AM



#44
Trichloroethene
Concen: 18.561 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	195.6





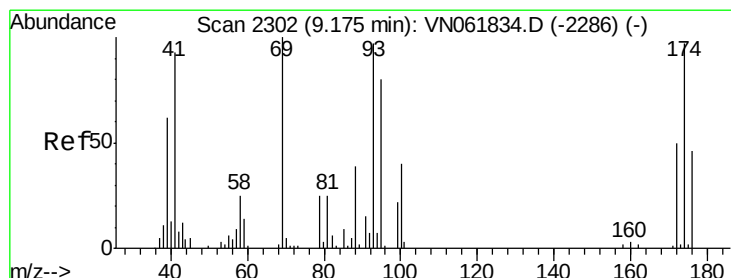
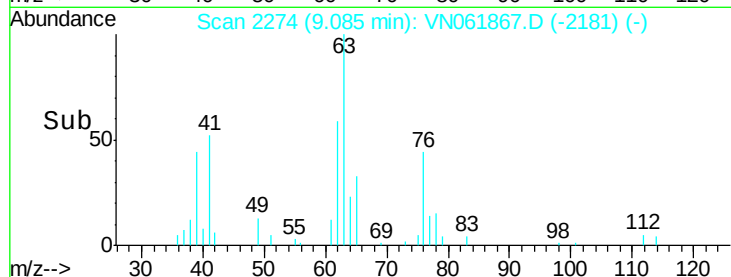
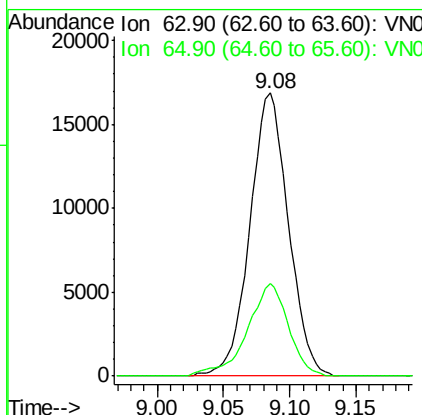
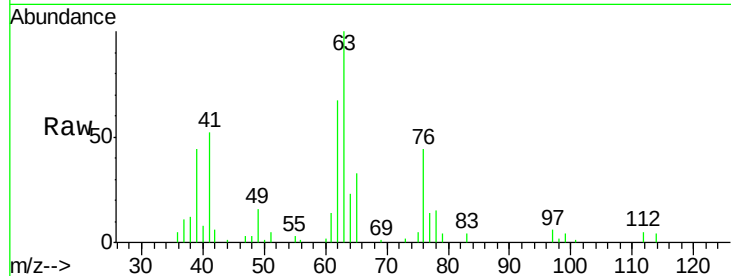
#45
 1,2-Dichloropropane
 Concen: 18.674 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS02

Tot Ion: 63 Resp: 34121
 Ion Ratio Lower Upper
 63 100
 65 32.8 25.1 37.7

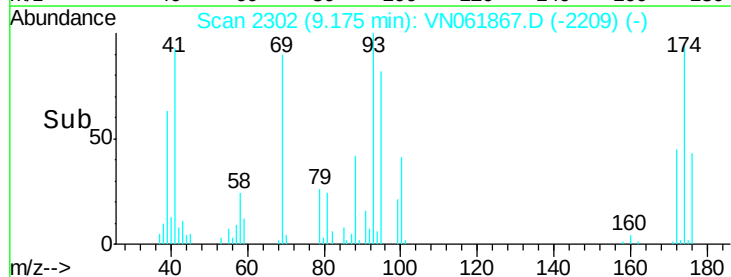
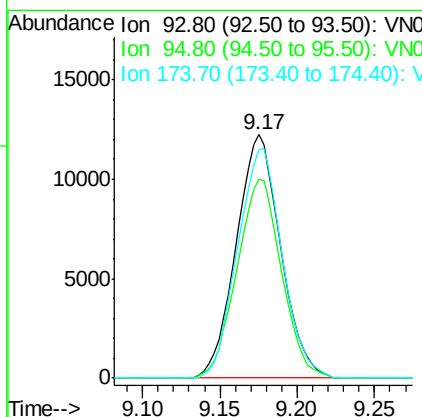
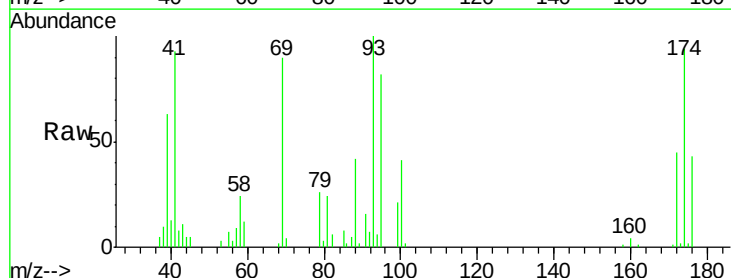
Manual Integrations
 APPROVED

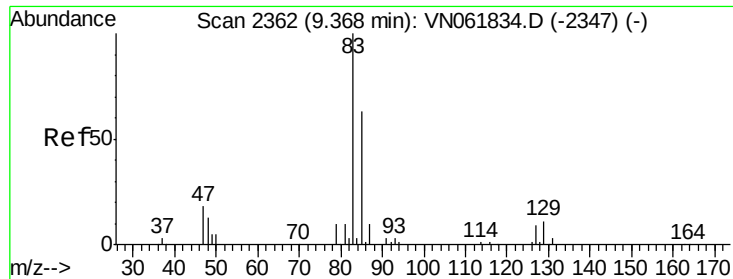
MMDadoda
 6/18/2020 9:37:26 AM



#46
 Dibromomethane
 Concen: 18.988 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Tgt Ion: 93 Resp: 24432
 Ion Ratio Lower Upper
 93 100
 95 81.9 65.8 98.6
 174 94.6 78.5 117.7





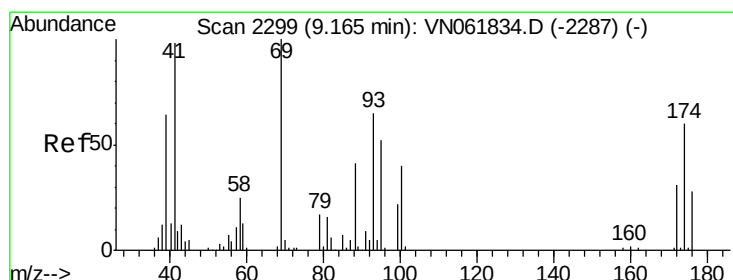
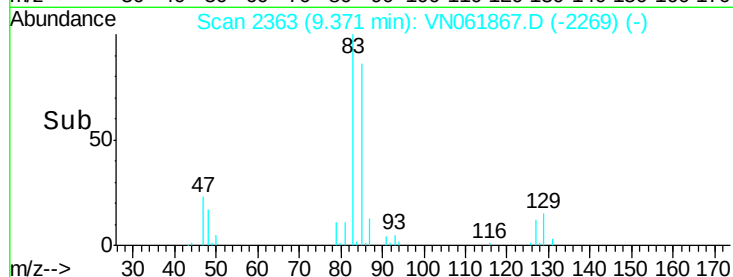
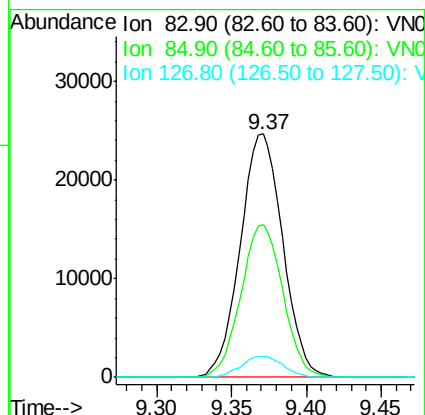
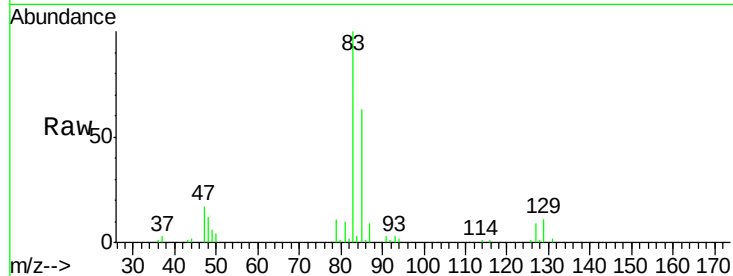
#47
Bromodichloromethane
Concen: 18.554 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

Tot Ion	83	Resp	48884
Ion Ratio	100	Lower	Upper
83	100		
85	62.9	50.8	76.2
127	8.6	7.0	10.4

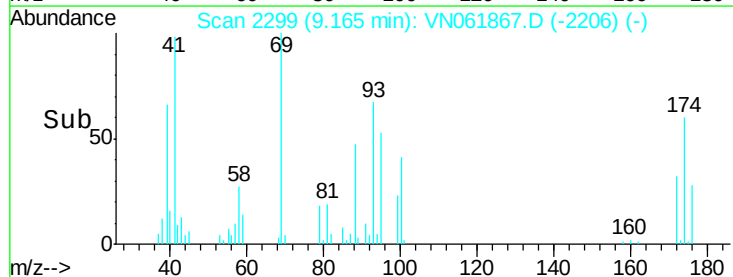
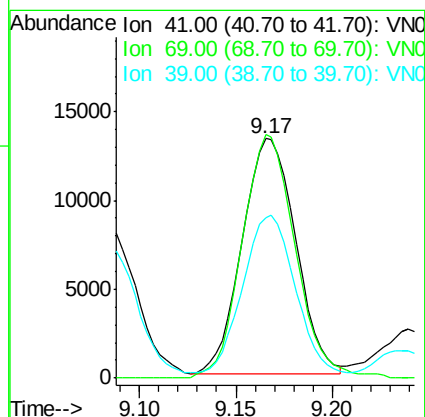
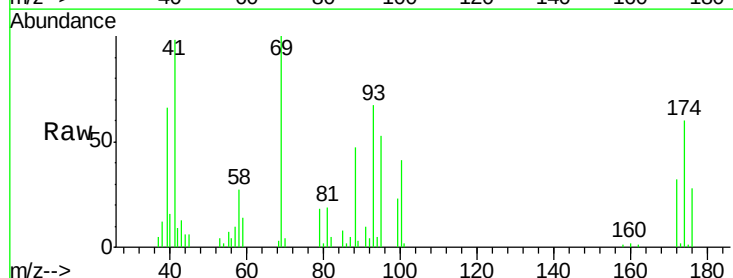
Manual Integrations
APPROVED

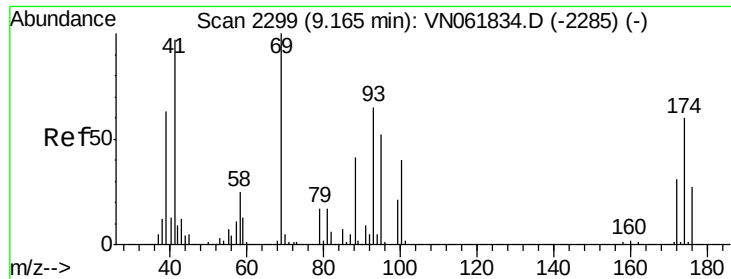
MMDadoda
6/18/2020 9:37:26 AM



#48
Methyl methacrylate
Concen: 17.414 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion	41	Resp	25581
Ion Ratio	100	Lower	Upper
41	100		
69	102.6	83.0	124.4
39	66.1	55.1	82.7





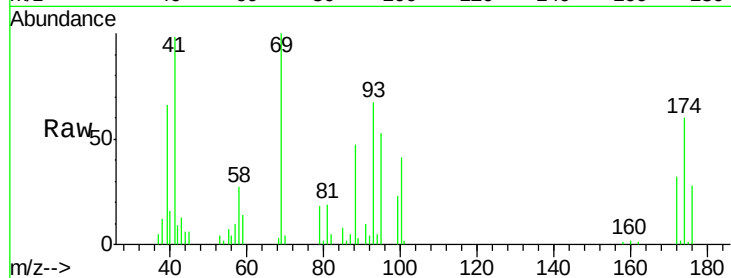
#49
1,4-Dioxane
Concen: 377.281 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

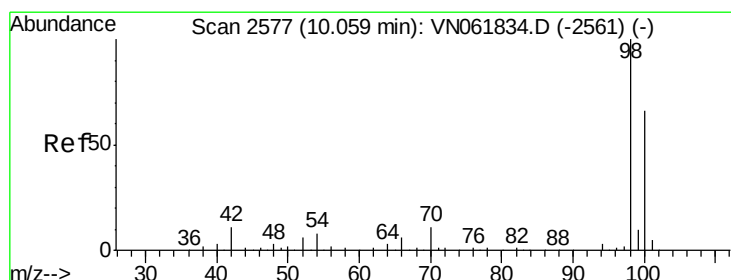
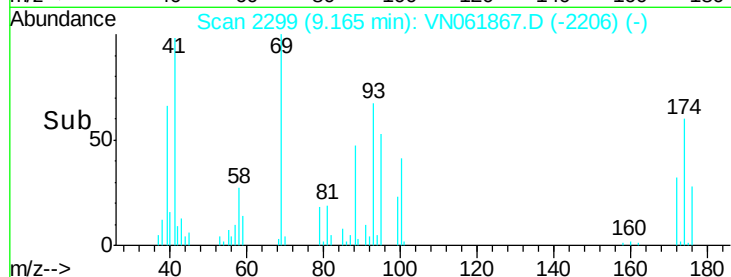
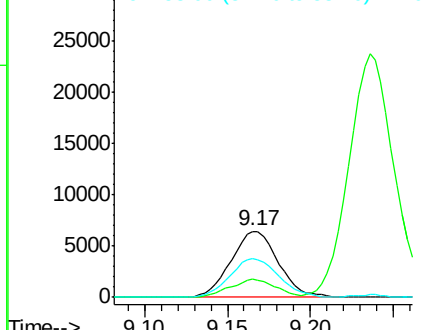
Tot Ion	Ratio	Lower	Upper
88	100		
43	26.7	23.4	35.2
58	60.6	49.8	74.6

Manual Integrations
APPROVED

MMDadoda
6/18/2020 9:37:26 AM

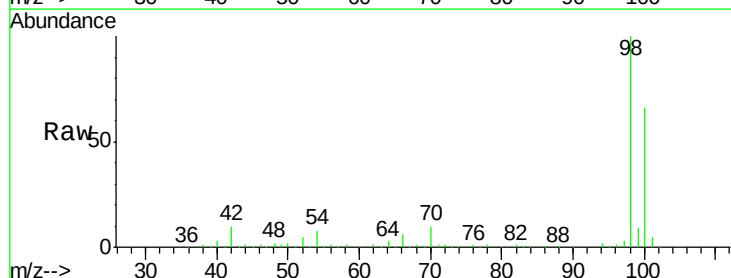


Abundance Ion 88.00 (87.70 to 88.70): VN061834.D (-2285) (-)

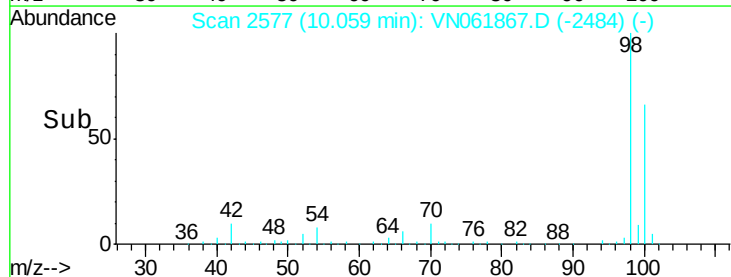
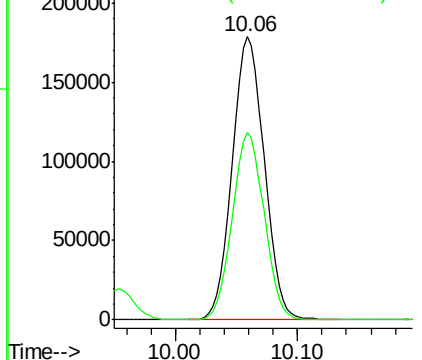


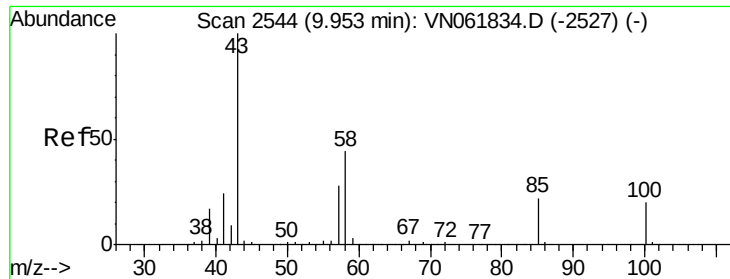
#50
Toluene-d8
Concen: 48.188 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.7	79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)





#51

4-Methyl-2-Pentanone

Concen: 90.275 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS02

Tot Ion: 43 Resp: 172318

Ion Ratio Lower Upper

43 100

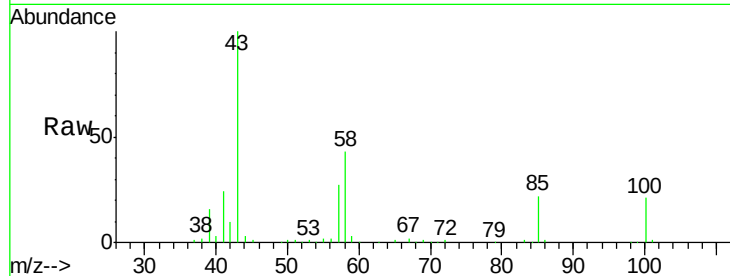
58 43.3 34.6 52.0

Manual Integrations

APPROVED

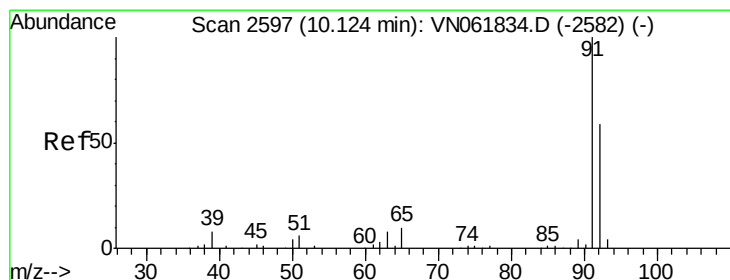
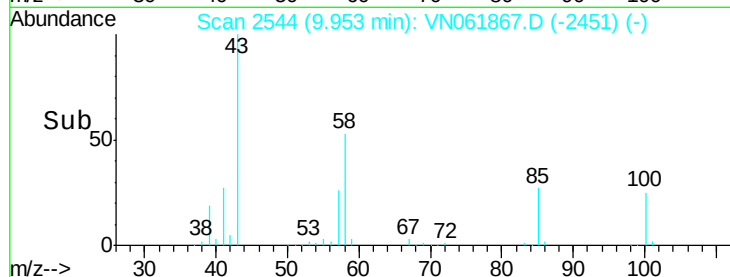
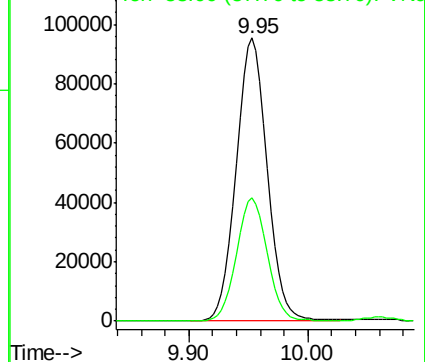
MMDadoda

6/18/2020 9:37:26 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.783 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061867.D

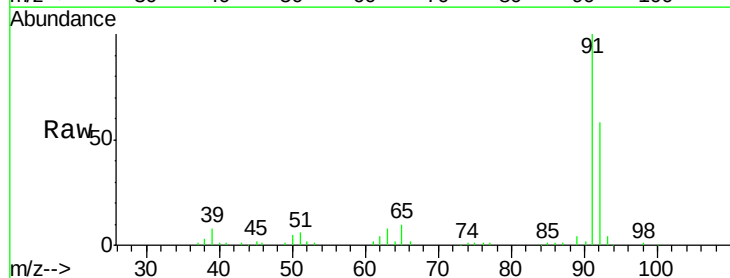
Acq: 17 Jun 2020 23:28

Tgt Ion: 92 Resp: 87711

Ion Ratio Lower Upper

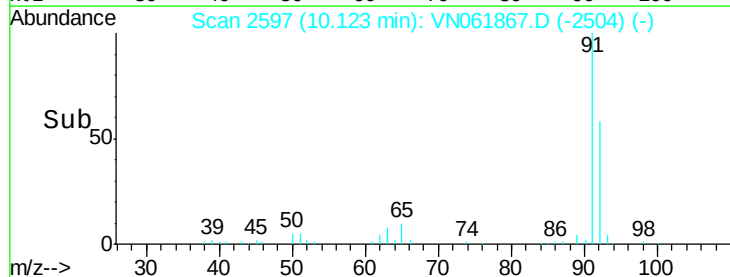
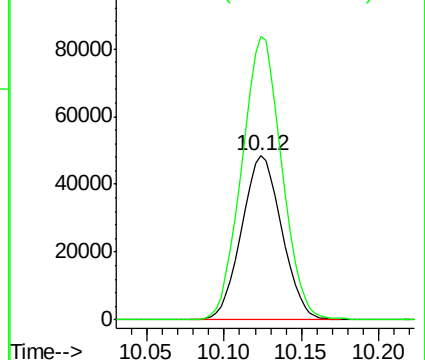
92 100

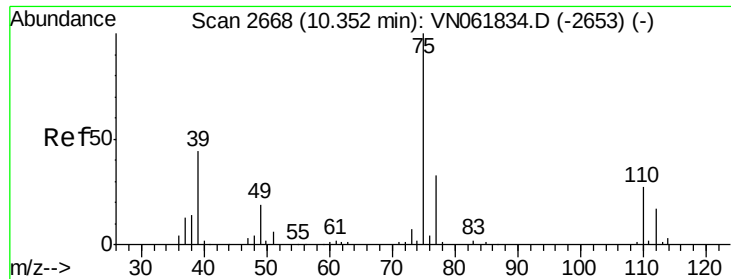
91 172.0 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





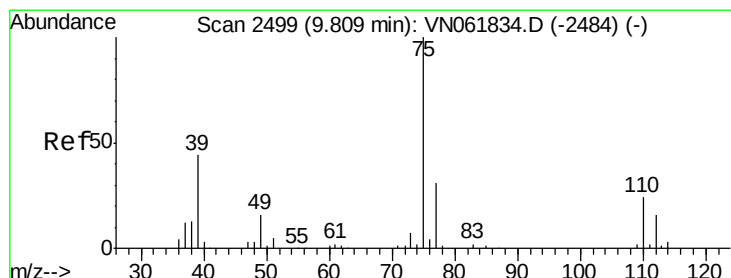
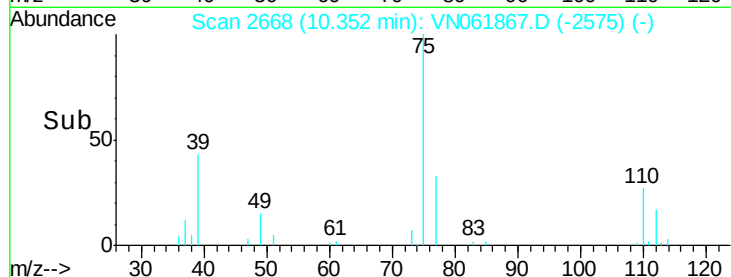
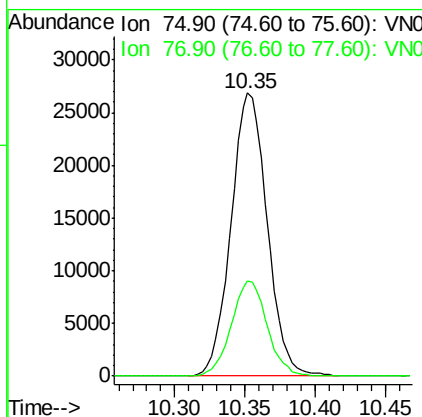
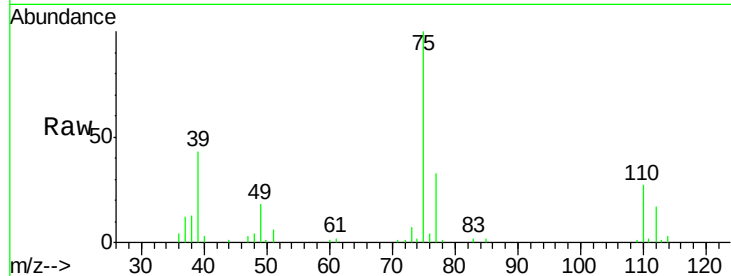
#53
t-1,3-Dichloropropene
Concen: 17.232 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.4	26.3	39.5

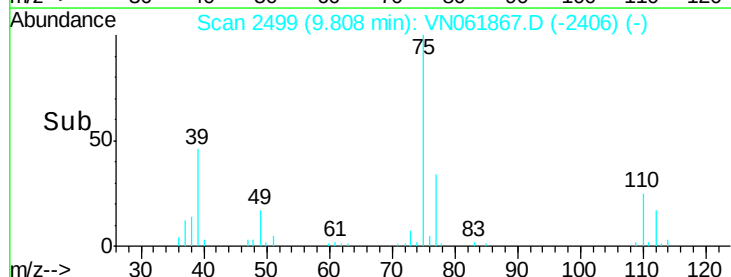
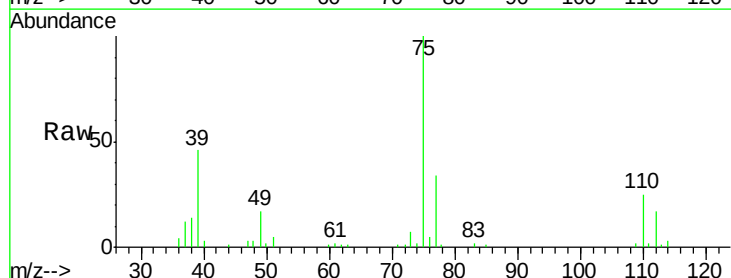
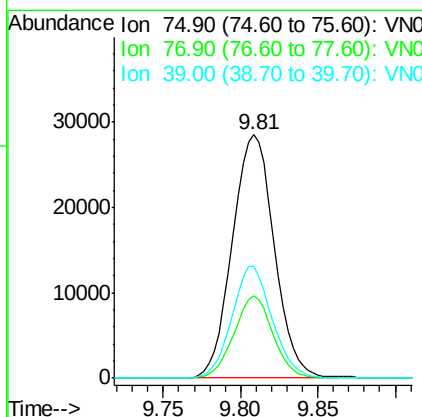
Manual Integrations
APPROVED

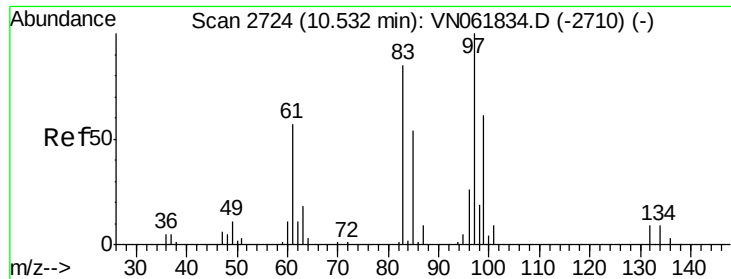
MMDadoda
6/18/2020 9:37:26 AM



#54
cis-1,3-Dichloropropene
Concen: 17.693 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.6	24.8	37.2
39	45.7	35.4	53.0





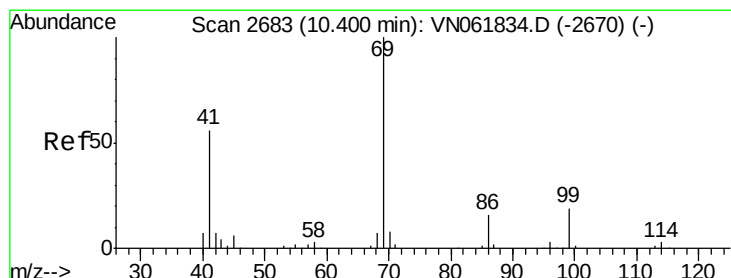
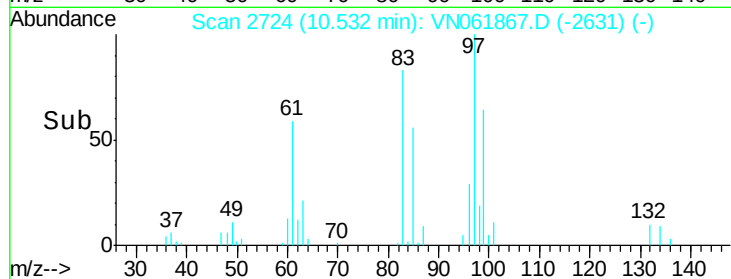
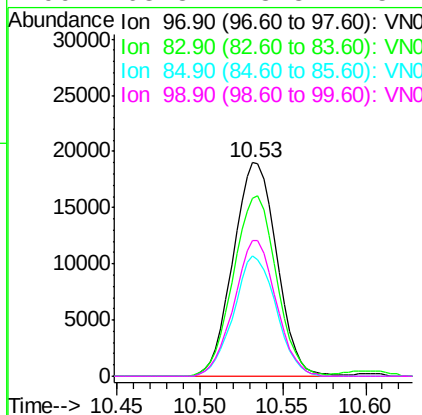
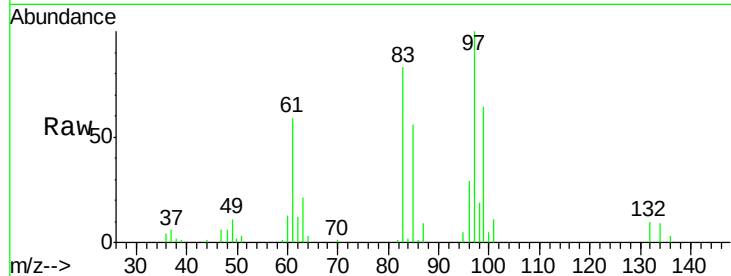
#55
 1,1,2-Trichloroethane
 Concen: 18.916 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		34753		
83	83.4	67.7	101.5		
85	56.5	43.4	65.0		
99	63.8	48.8	73.2		

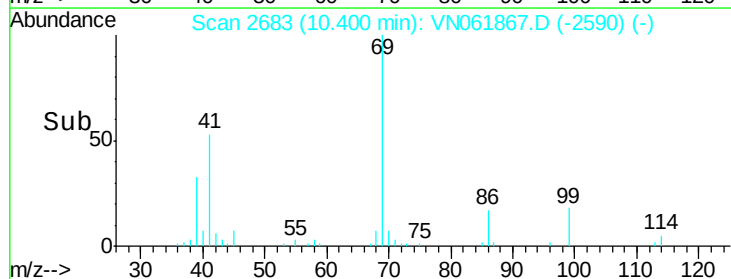
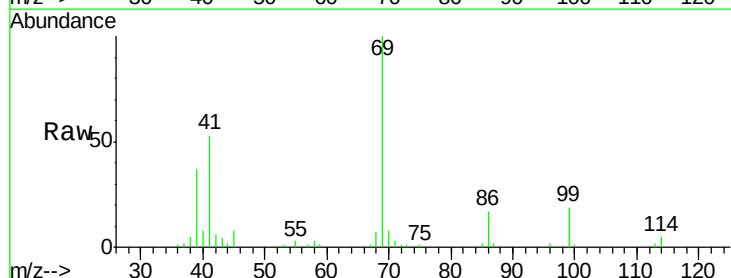
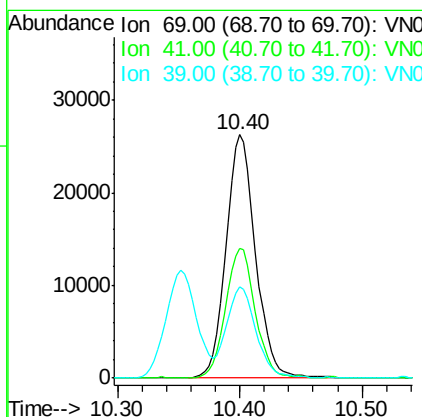
Manual Integrations
 APPROVED

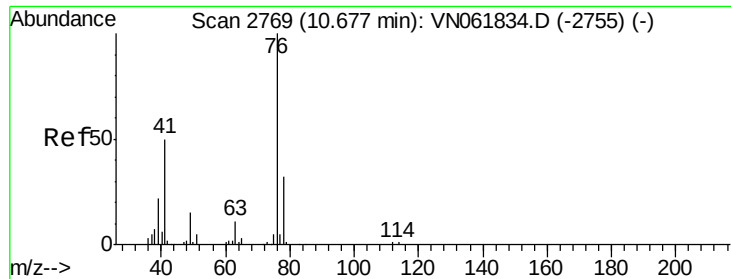
MMDadoda
 6/18/2020 9:37:26 AM



#56
 Ethyl methacrylate
 Concen: 17.796 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		44372		
41	53.8	44.9	67.3		
39	38.0	30.0	45.0		





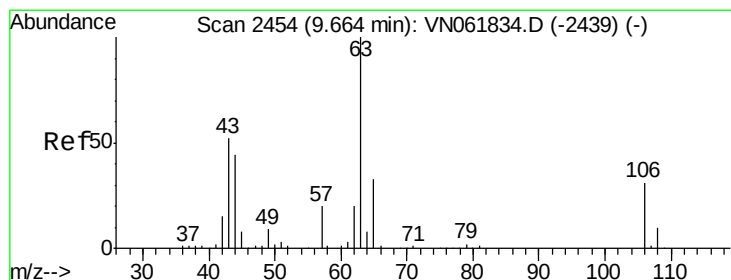
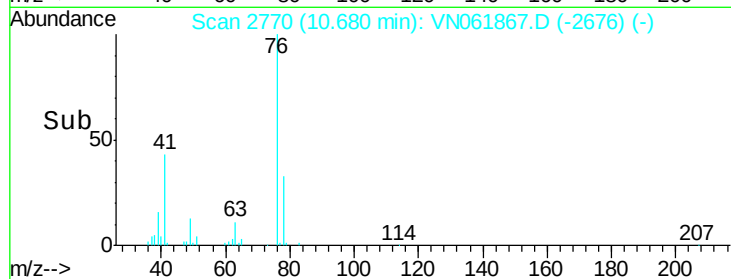
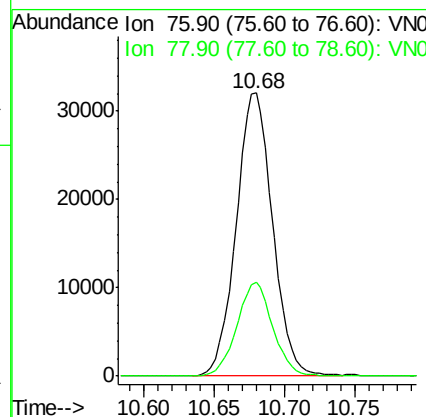
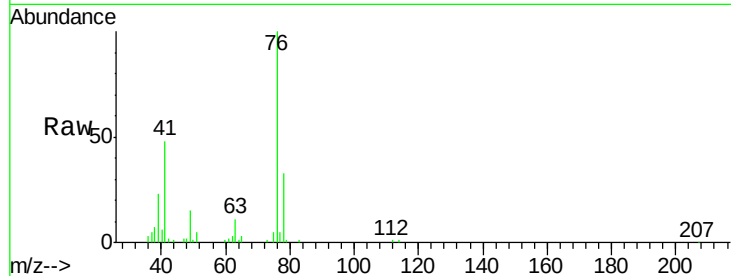
#57
 1,3-Dichloropropane
 Concen: 18.568 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.8

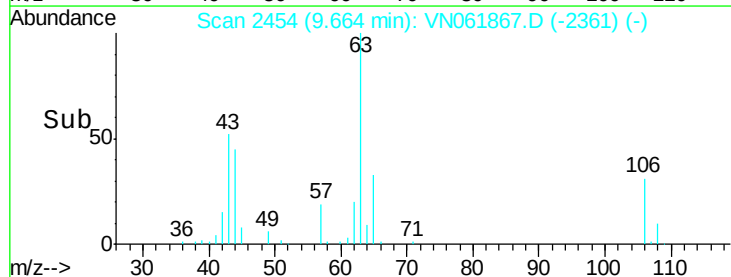
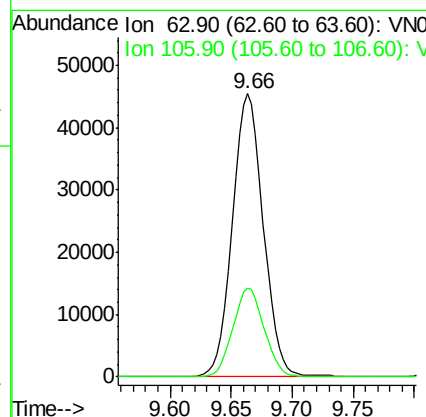
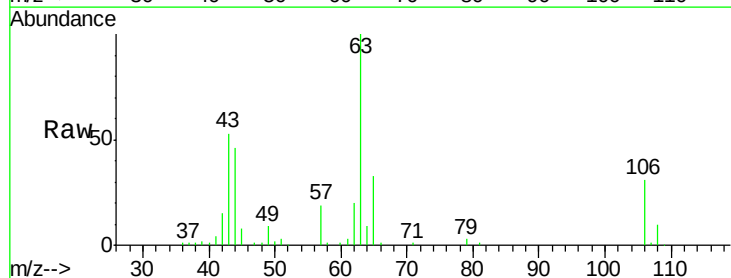
Manual Integrations
 APPROVED

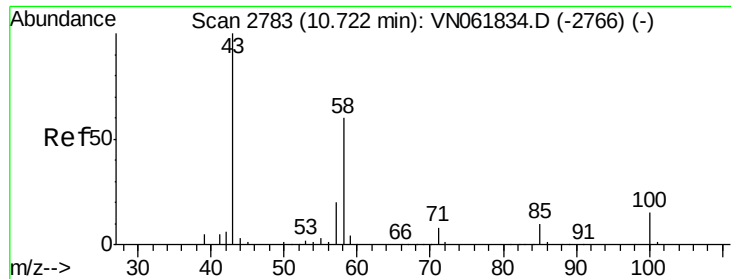
MMDadoda
 6/18/2020 9:37:26 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 82.807 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.7	24.6	36.8





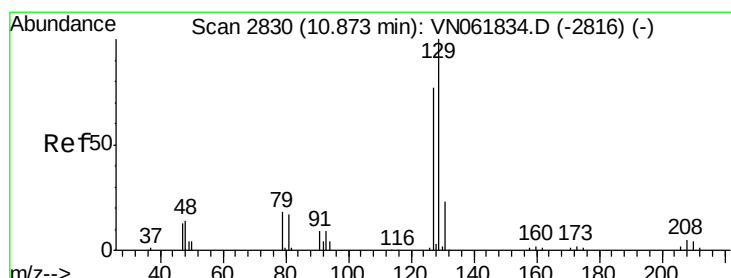
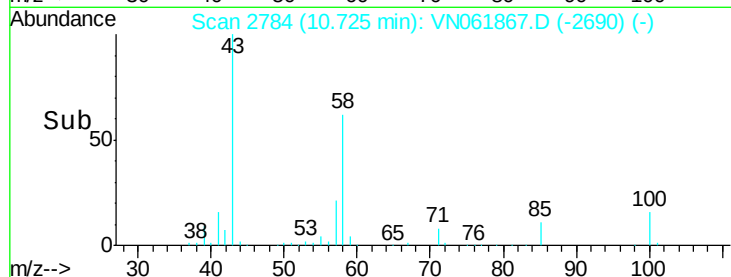
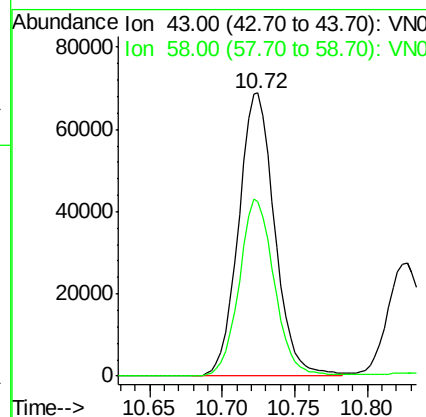
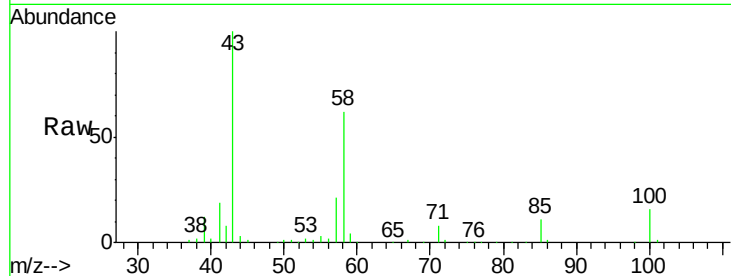
#59
2-Hexanone
Concen: 87.428 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

Tot Ion	43	58	Ratio	Lower	Upper
119277	100	60.8		30.1	90.5

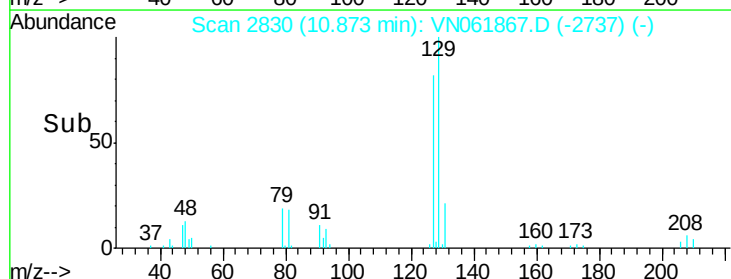
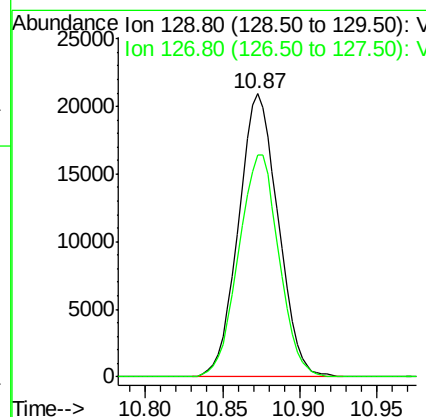
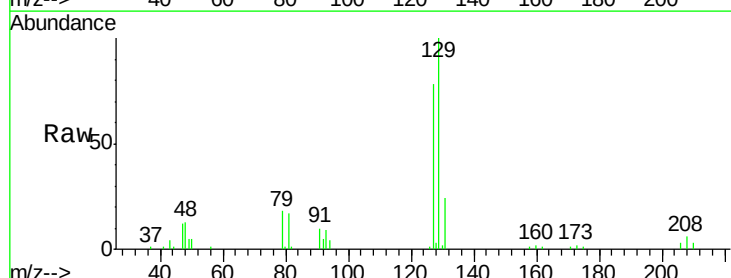
Manual Integrations
APPROVED

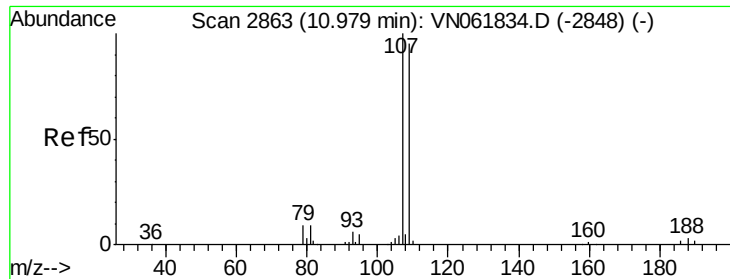
MMDadoda
6/18/2020 9:37:26 AM



#60
Dibromochloromethane
Concen: 18.205 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion	129	127	Ratio	Lower	Upper
37322	100	79.8		38.5	115.5





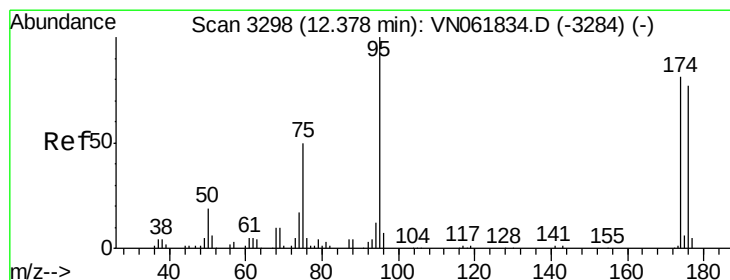
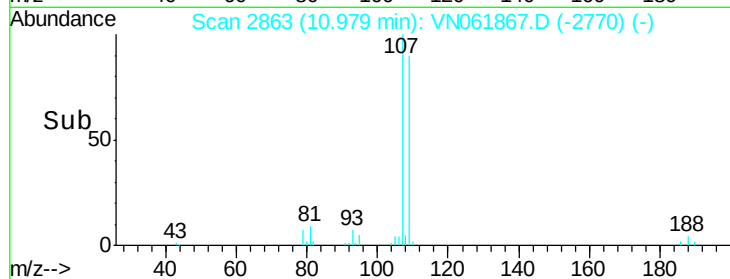
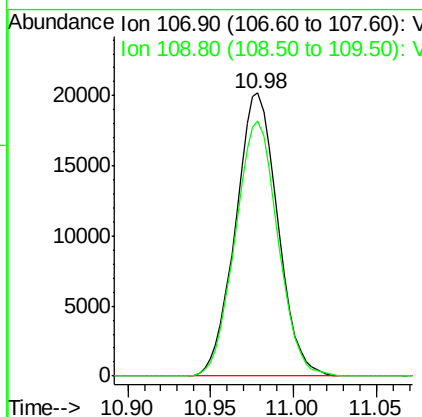
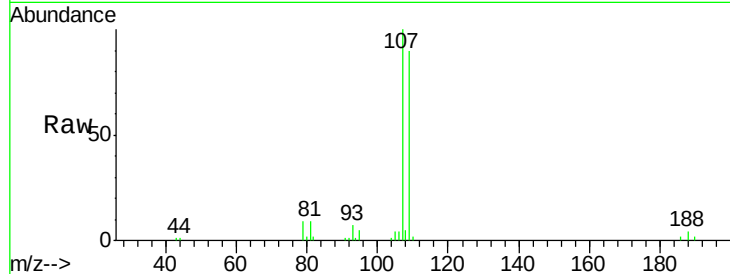
#61
 1,2-Dibromoethane
 Concen: 18.654 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS02

Tot Ion:107 Resp: 35787
 Ion Ratio Lower Upper
 107 100
 109 90.9 75.0 112.6

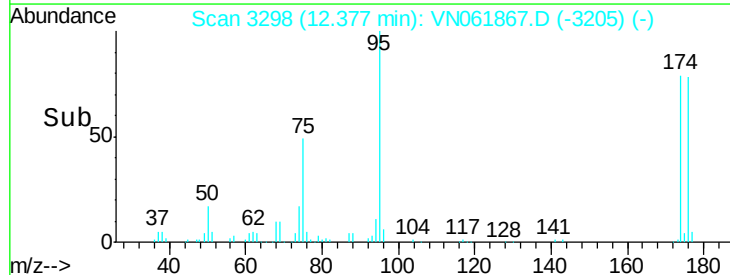
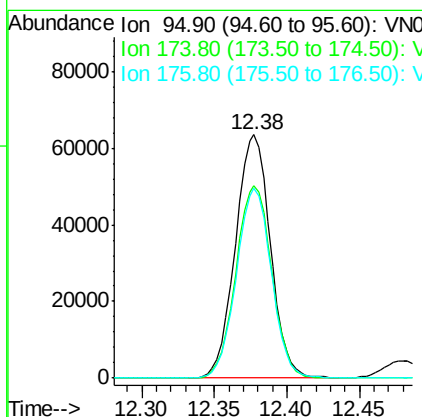
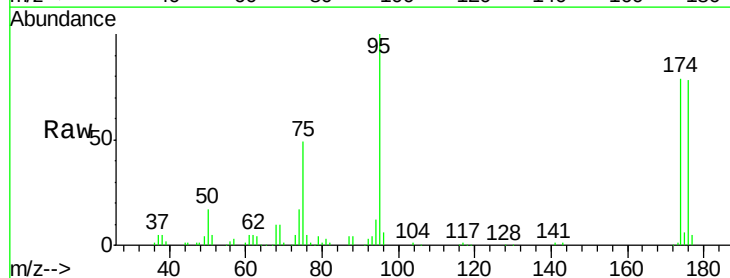
Manual Integrations
 APPROVED

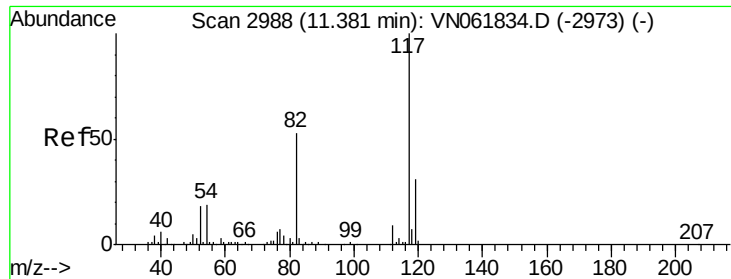
MMDadoda
 6/18/2020 9:37:26 AM



#62
 4-Bromofluorobenzene
 Concen: 45.849 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Tgt Ion: 95 Resp: 106443
 Ion Ratio Lower Upper
 95 100
 174 80.8 0.0 158.6
 176 78.0 0.0 152.0





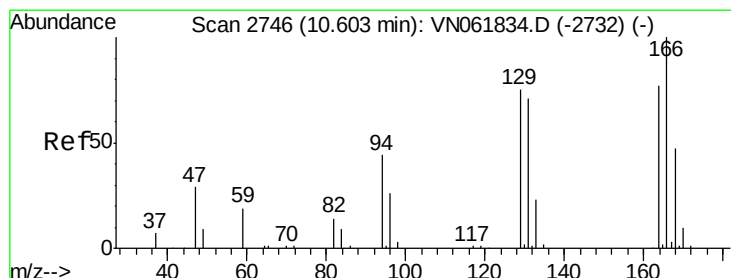
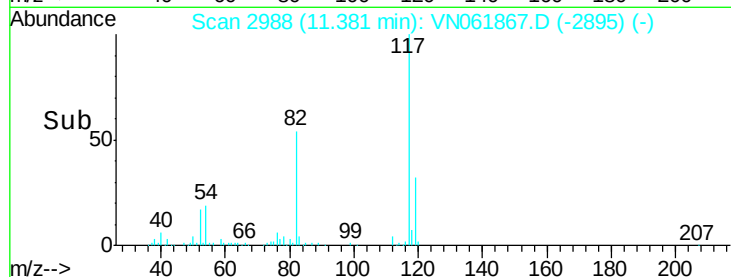
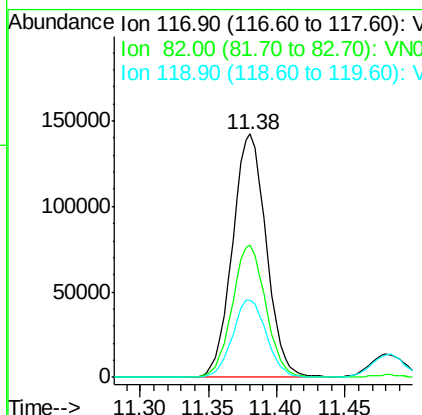
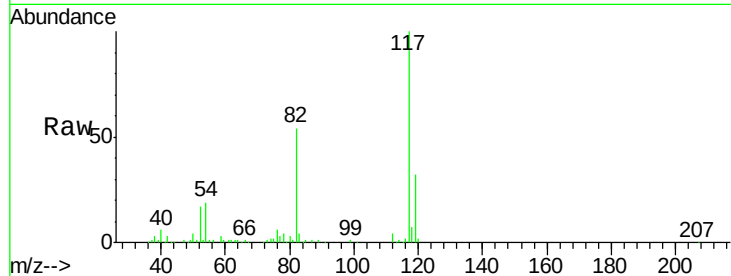
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	245021		
82	54.1	42.6	64.0	
119	31.9	24.7	37.1	

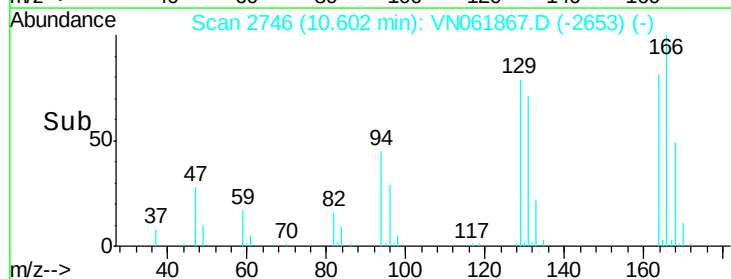
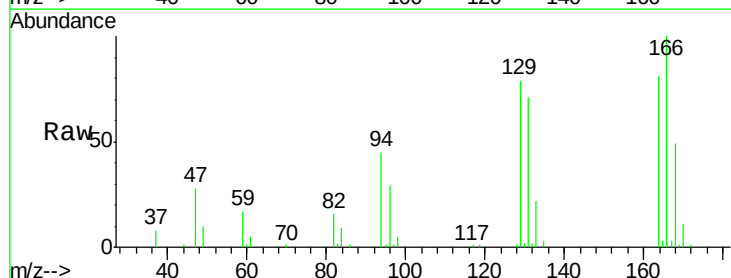
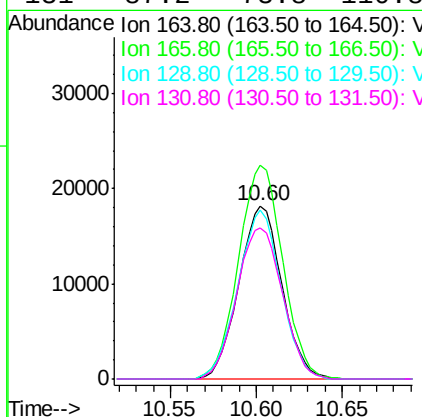
Manual Integrations
APPROVED

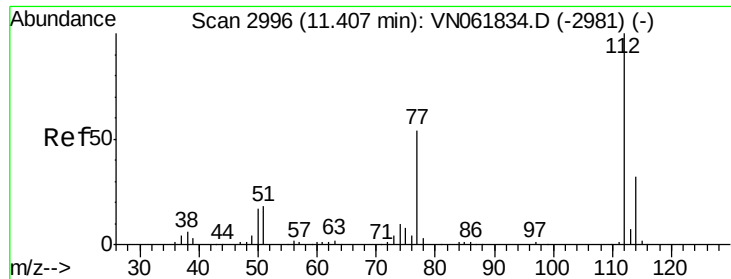
MMDadoda
6/18/2020 9:37:26 AM



#64
Tetrachloroethene
Concen: 20.208 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	31558		
166	123.4	103.5	155.3	
129	97.4	77.5	116.3	
131	87.2	73.8	110.8	





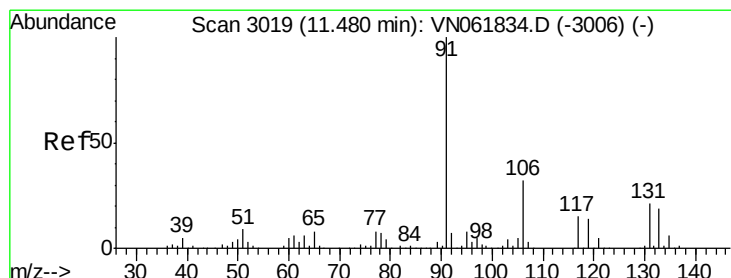
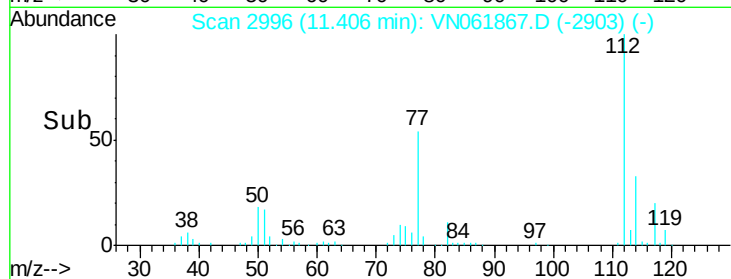
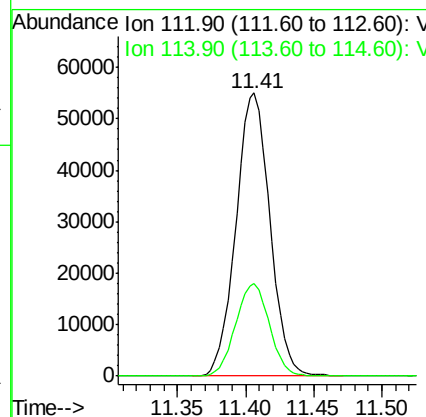
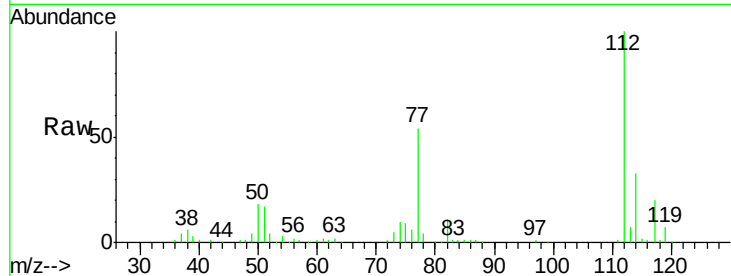
#65
Chlorobenzene
Concen: 18.415 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

Tot Ion:112 Resp: 95208
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6

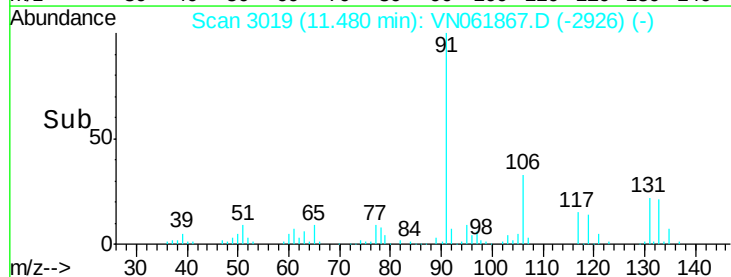
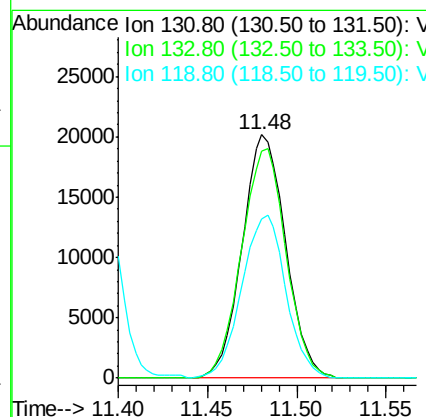
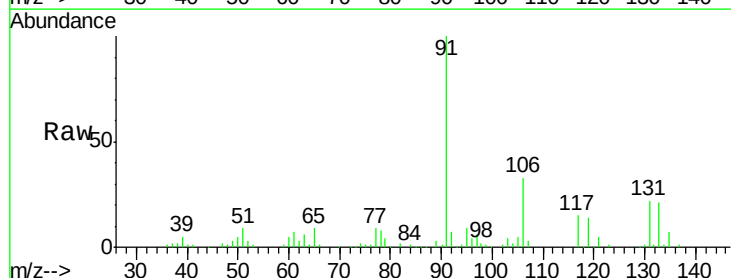
Manual Integrations
APPROVED

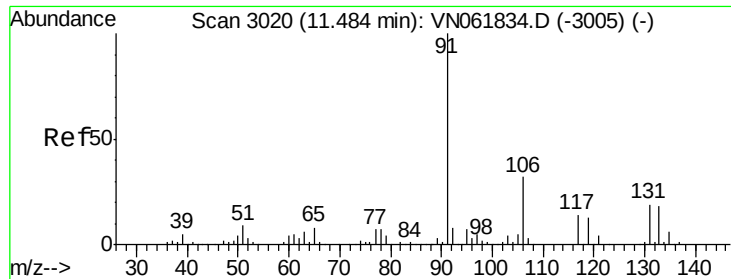
MMDadoda
6/18/2020 9:37:26 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.981 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion:131 Resp: 34226
Ion Ratio Lower Upper
131 100
133 96.6 47.5 142.5
119 67.8 34.0 101.8





#67

Ethyl Benzene

Concen: 18.587 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS02

Tot Ion: 91 Resp: 161117

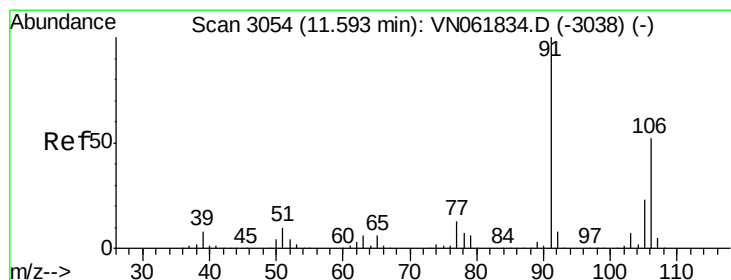
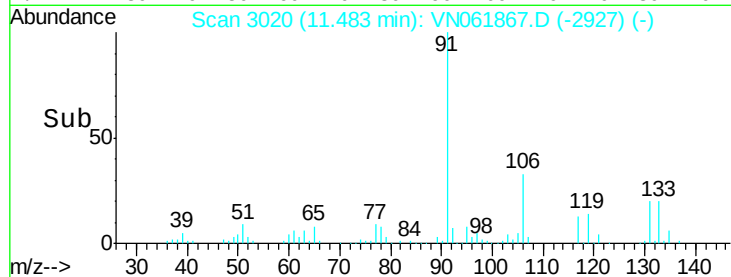
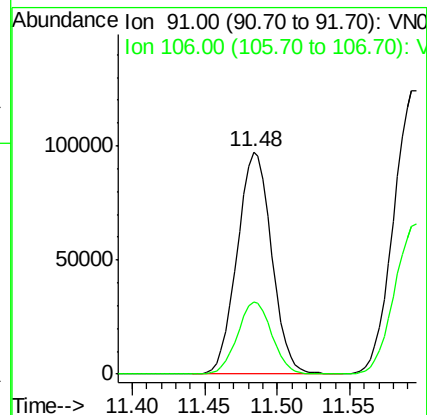
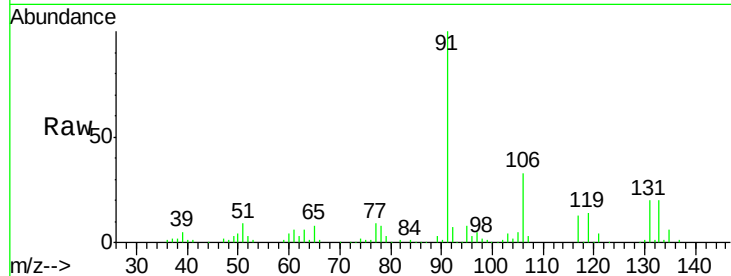
Ion Ratio Lower Upper

91 100

106 32.8 25.4 38.2

Manual Integrations
APPROVED

MMDadoda
6/18/2020 9:37:26 AM



#68

m/p-Xylenes

Concen: 37.878 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. 0.00 min

Lab File: VN061867.D

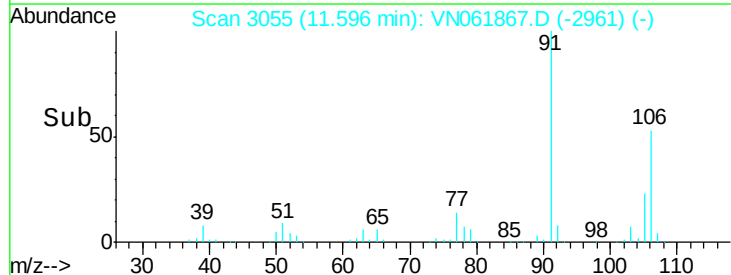
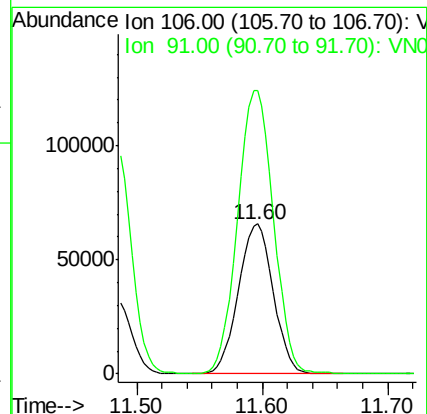
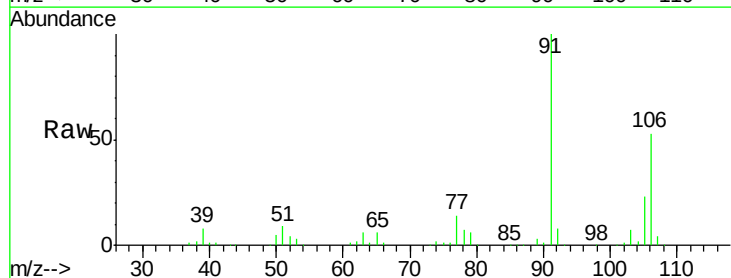
Acq: 17 Jun 2020 23:28

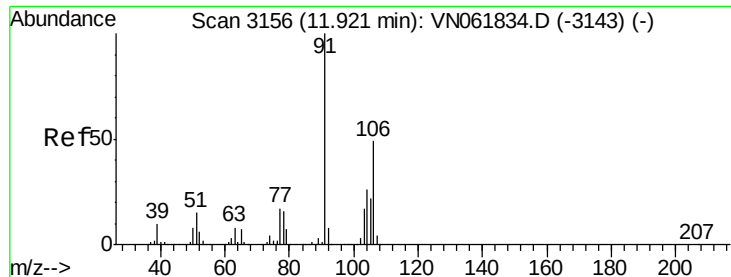
Tgt Ion: 106 Resp: 126609

Ion Ratio Lower Upper

106 100

91 194.3 157.0 235.6





#69

o-Xylene

Concen: 18.656 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS02

Tot Ion:106 Resp: 59499

Ion Ratio Lower Upper

106 100

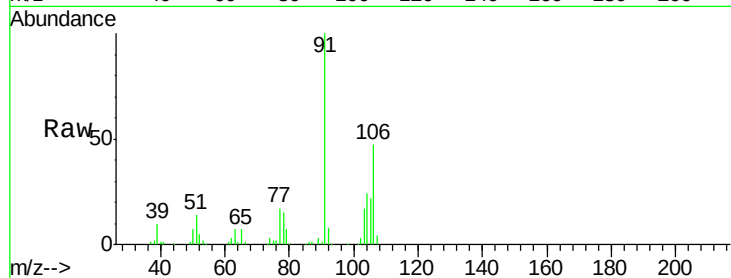
91 204.7 103.0 308.9

Manual Integrations

APPROVED

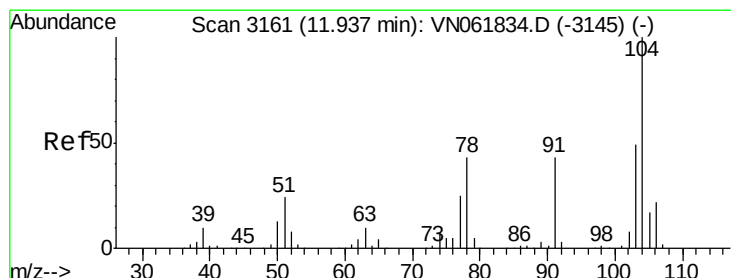
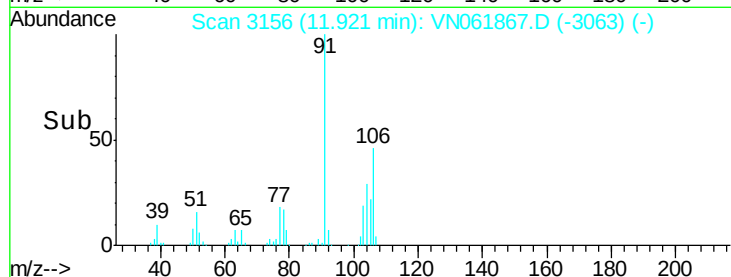
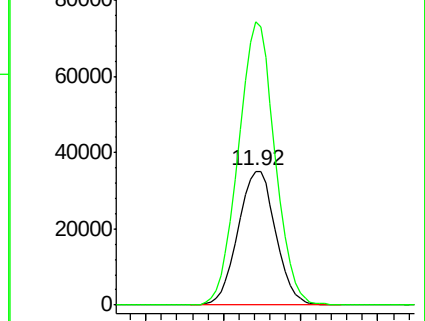
MMDadoda

6/18/2020 9:37:26 AM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 18.560 ug/l

RT: 11.94 min Scan# 3161

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

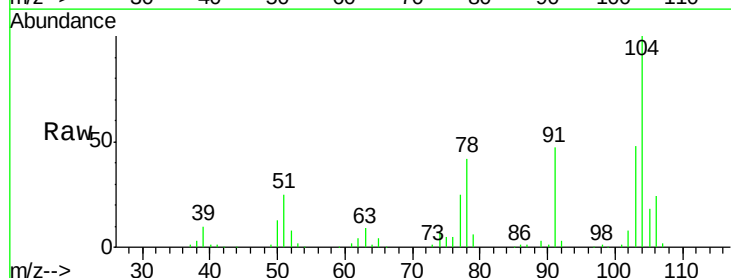
Tgt Ion:104 Resp: 99113

Ion Ratio Lower Upper

104 100

78 46.0 37.6 56.4

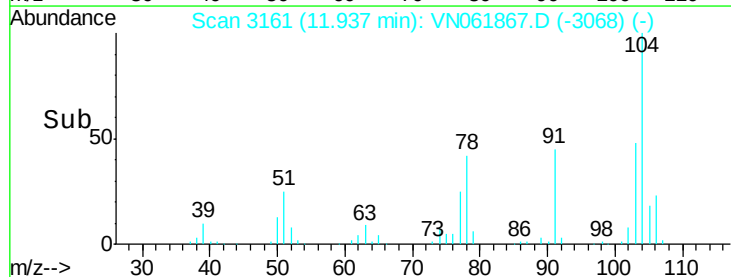
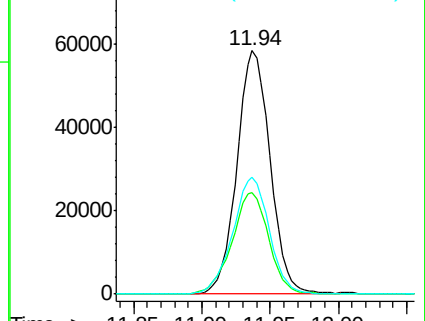
103 52.7 43.0 64.4

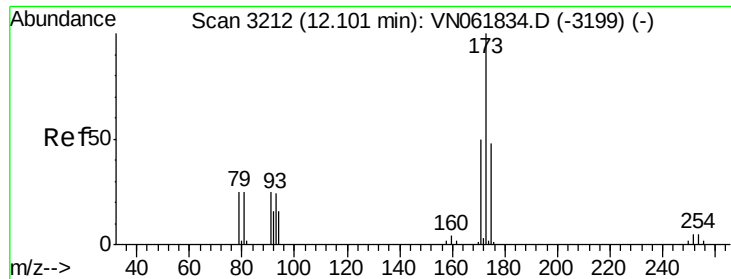


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.779 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

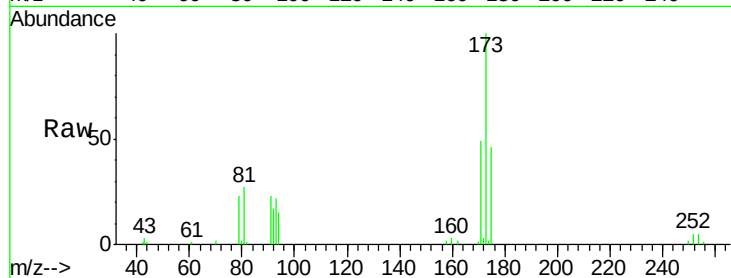
ClientSampleId :

VN0617WBS02

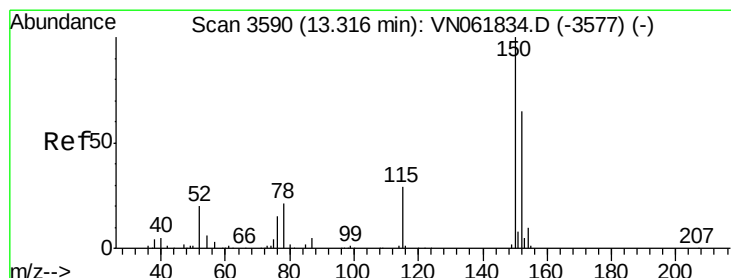
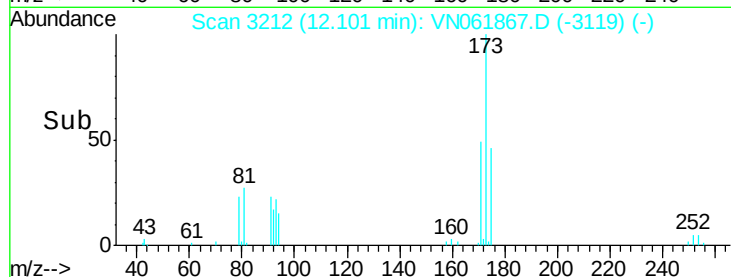
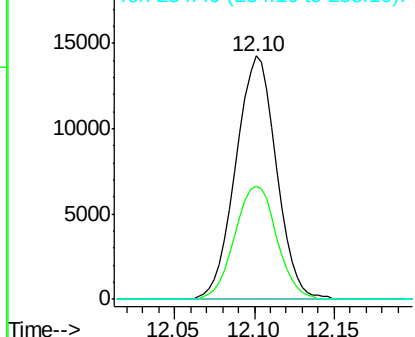
Tot Ion:	173	Resp:	24690
Ion Ratio	Lower	Upper	
173	100		
175	48.0	23.9	71.7
254	0.0	0.0	0.0

Manual Integrations
APPROVED

MMDadoda
6/18/2020 9:37:26 AM



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

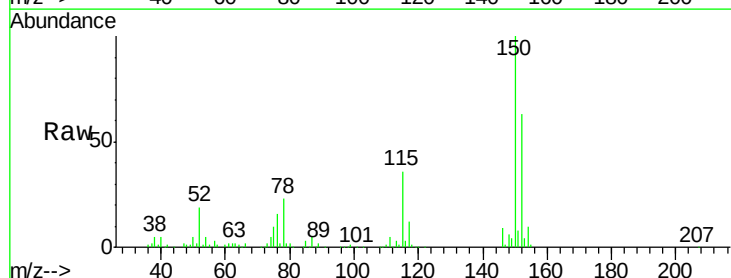
RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

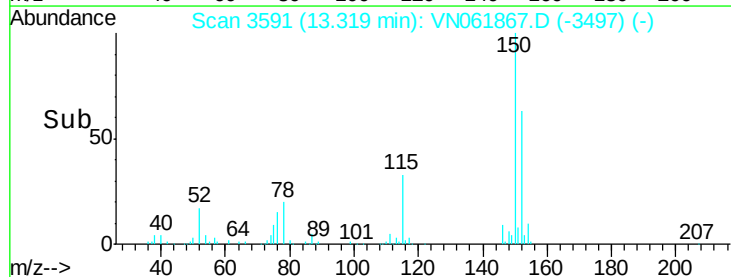
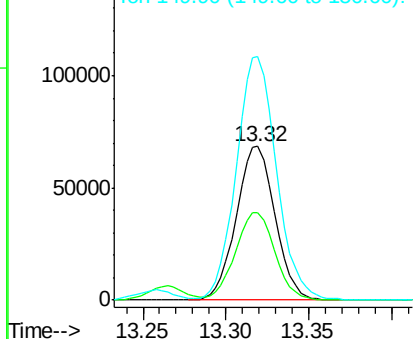
Lab File: VN061867.D

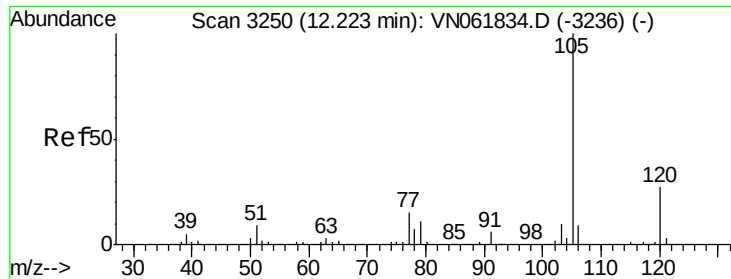
Acq: 17 Jun 2020 23:28

Tgt Ion:	152	Resp:	111236
Ion Ratio	Lower	Upper	
152	100		
115	58.3	29.1	87.3
150	165.1	0.0	347.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





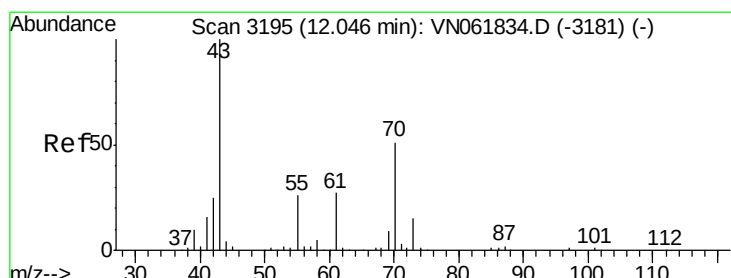
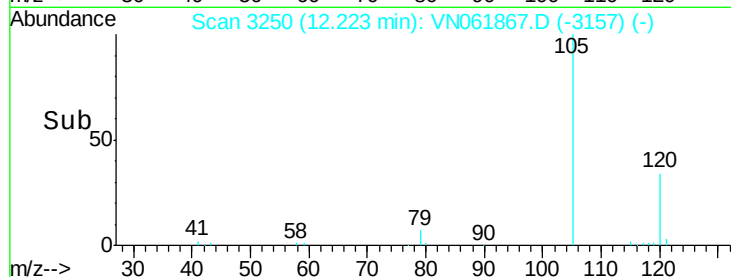
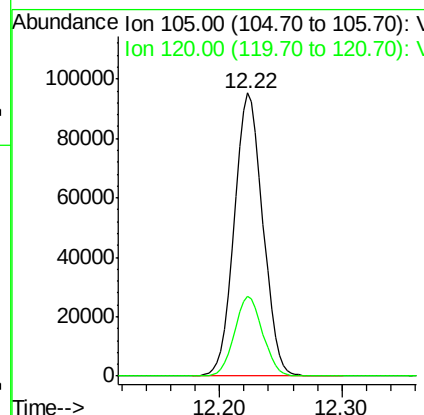
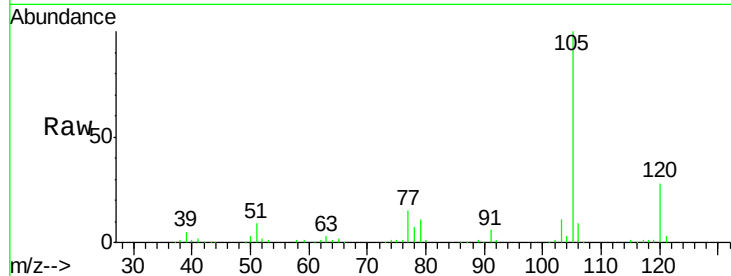
#73
Isopropylbenzene
Concen: 19.660 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.5	13.3	39.8

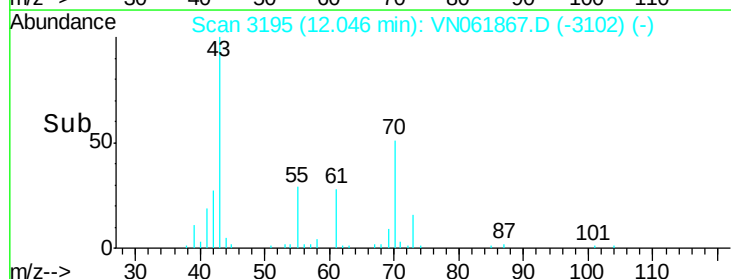
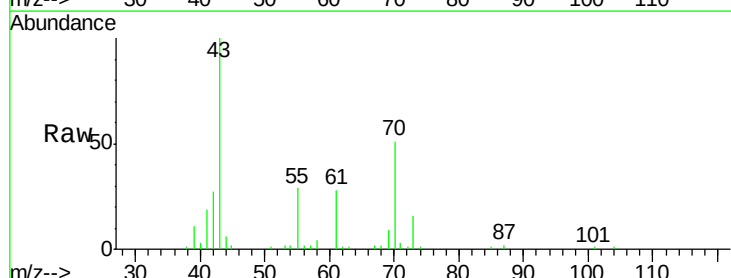
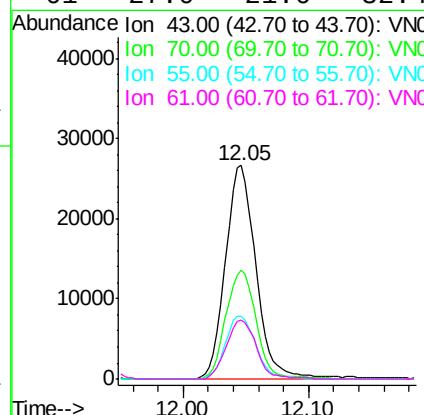
Manual Integrations
APPROVED

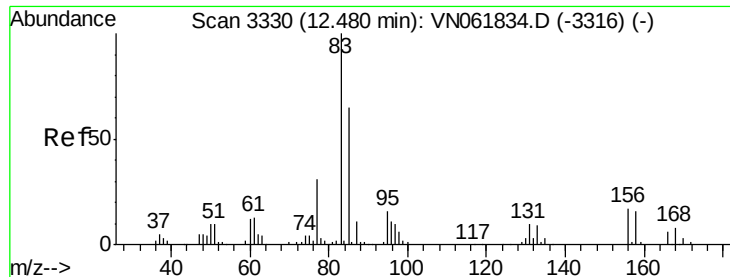
MMDadoda
6/18/2020 9:37:26 AM



#74
N-ethyl acetate
Concen: 17.871 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion	Ratio	Lower	Upper
43	100		
70	50.6	40.6	60.8
55	29.2	21.5	32.3
61	27.0	21.6	32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.083 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

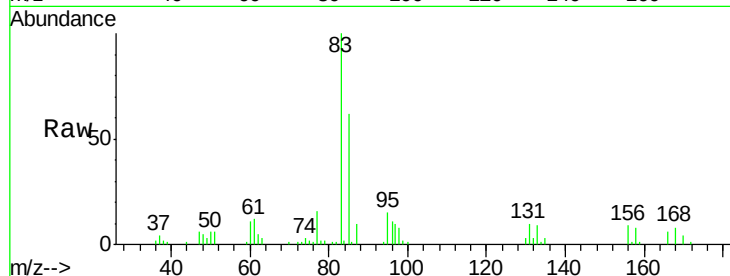
ClientSampleId :

VN0617WBS02

Tot Ion:	83	Resp:	49042
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.0	15.0
85	63.8	32.4	97.2

Manual Integrations
APPROVED

MMDadoda
6/18/2020 9:37:26 AM

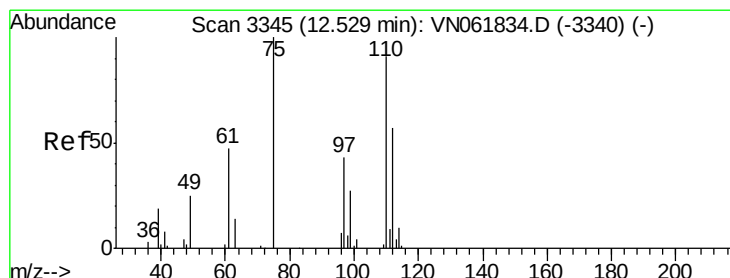
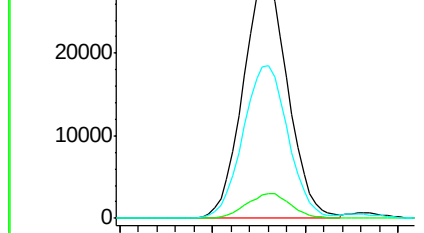
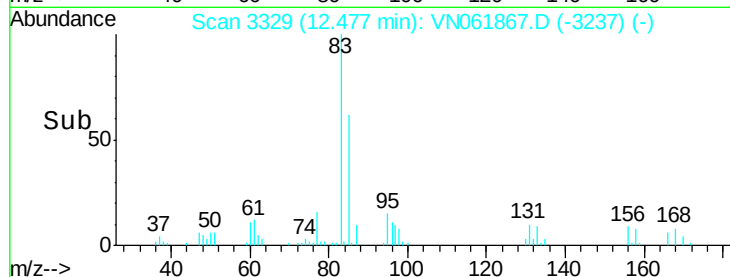


Abundance Ion 82.90 (82.60 to 83.60): VN061867.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN061867.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN061867.D (-3237) (-)

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 18.393 ug/l m

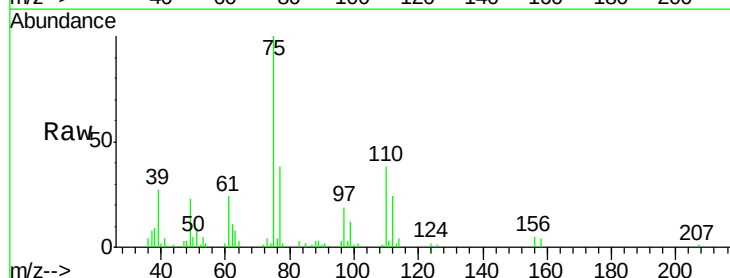
RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

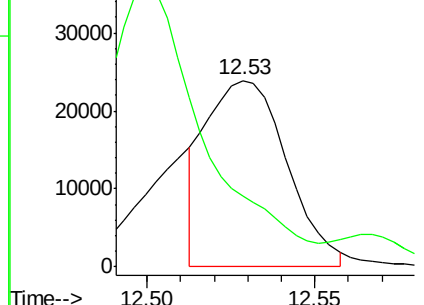
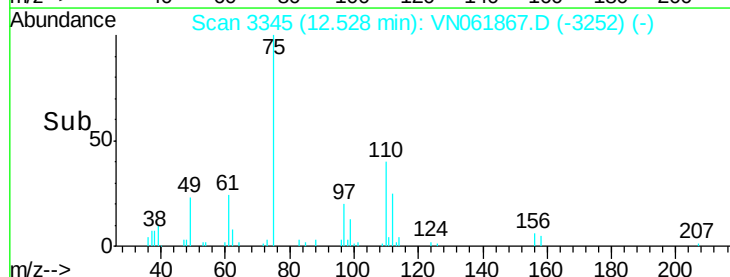
Tgt Ion:	75	Resp:	40167
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

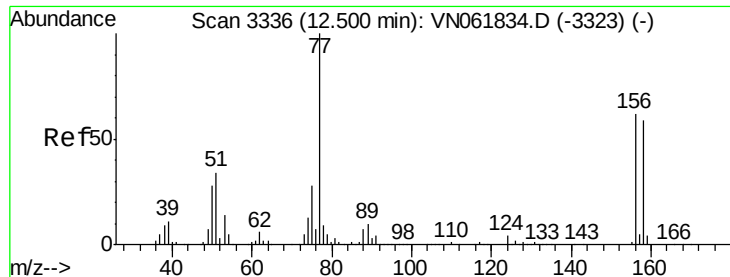


Abundance Ion 74.90 (74.60 to 75.60): VN061867.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN061867.D (-3252) (-)

Time--> 12.50 12.55





#77

Bromobenzene

Concen: 19.813 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

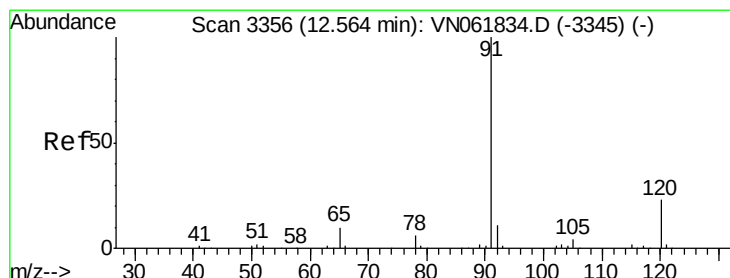
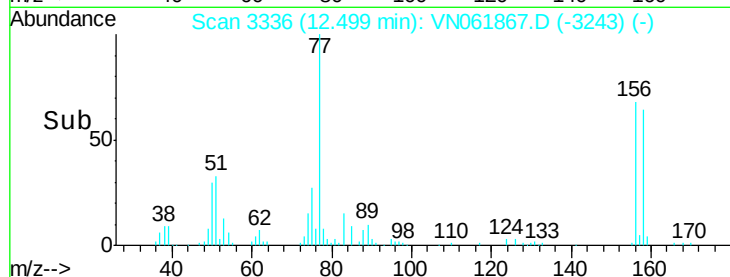
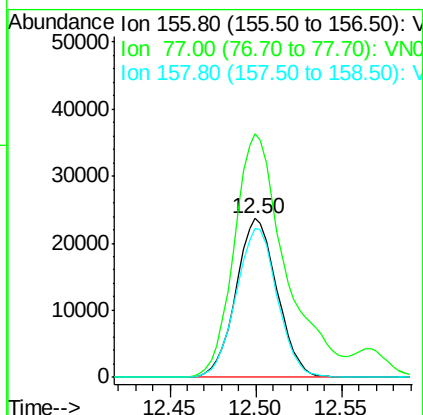
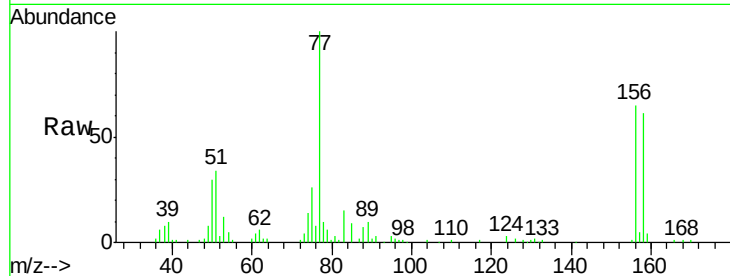
ClientSampleId :

VN0617WBS02

Tot Ion:	156	Resp:	39511
Ion	Ratio	Lower	Upper
156	100		
77	191.0	100.7	302.1
158	94.0	48.5	145.5

Manual Integrations
APPROVED

MMDadoda
6/18/2020 9:37:26 AM



#78

n-propylbenzene

Concen: 19.198 ug/l

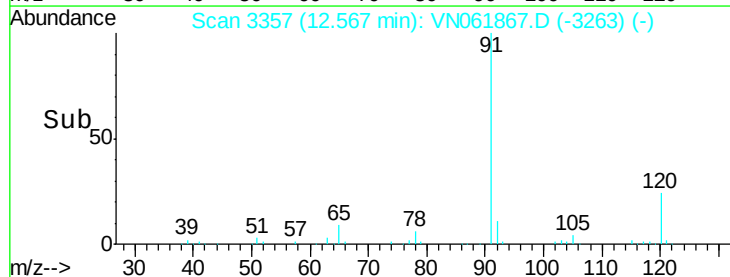
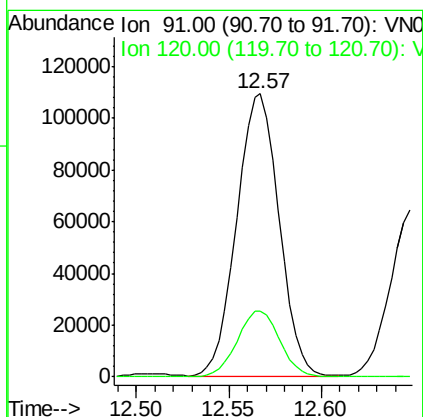
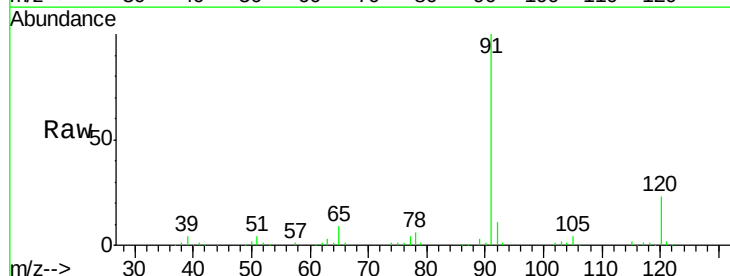
RT: 12.57 min Scan# 3357

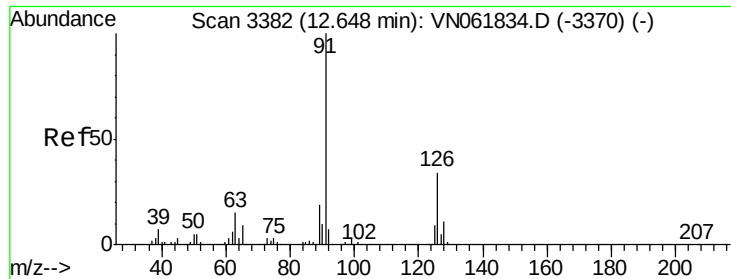
Delta R.T. 0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Tgt Ion:	91	Resp:	173158
Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.6	34.8





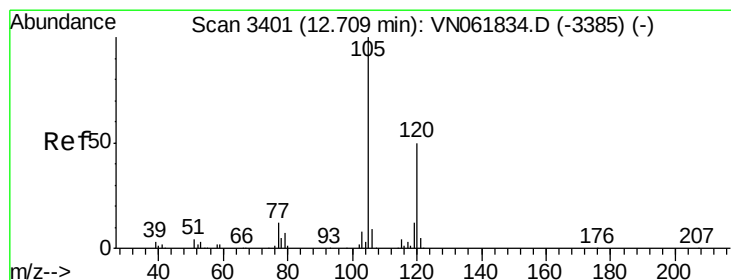
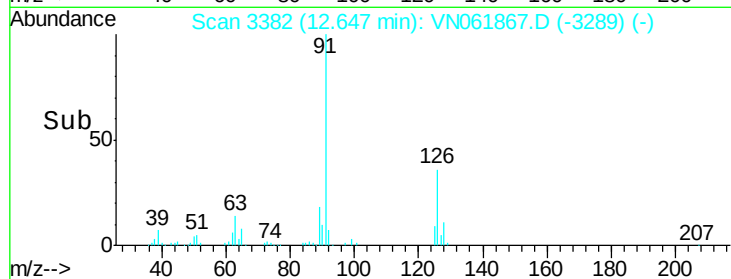
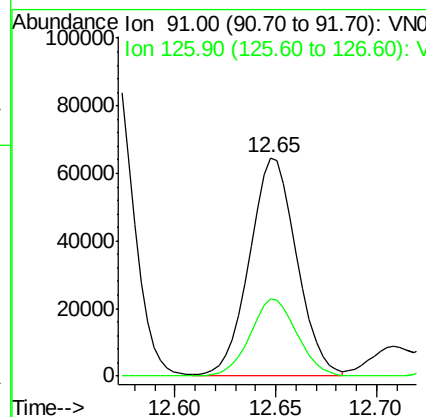
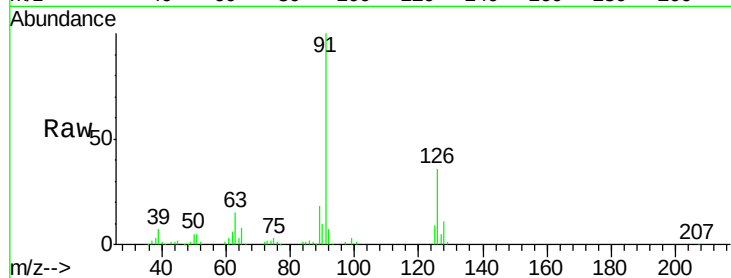
#79
 2-Chlorotoluene
 Concen: 19.390 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS02

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
126	35.3	17.3	51.7	

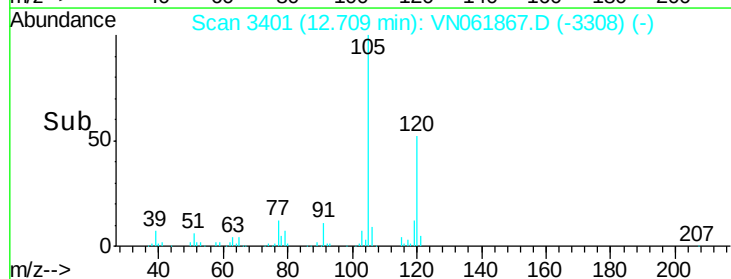
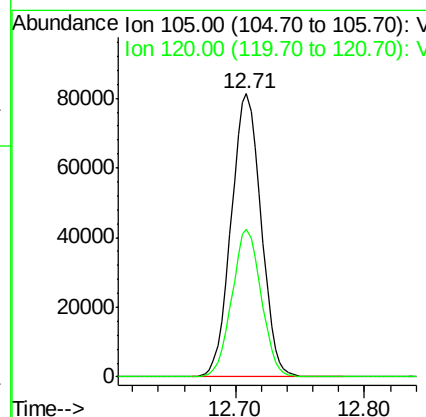
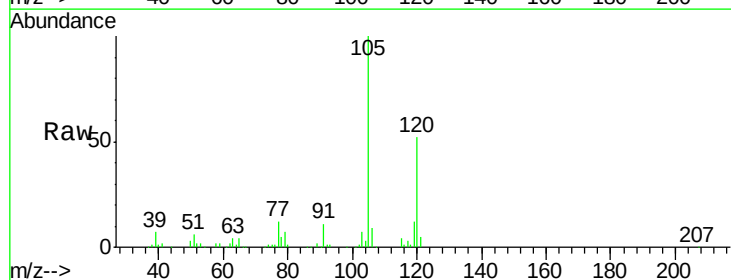
Manual Integrations
 APPROVED

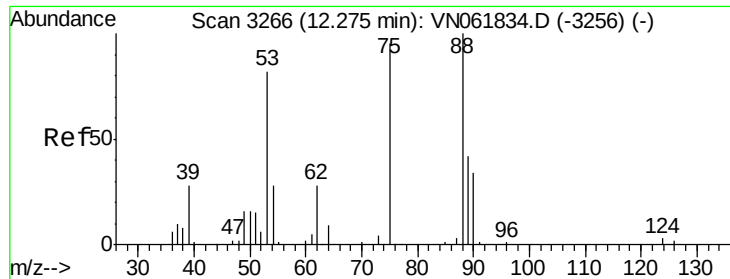
MMDadoda
 6/18/2020 9:37:26 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 19.966 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Tgt Ion	Ion	Ratio	Lower	Upper
105	100			
120	51.0	24.9	74.7	





#81

trans-1,4-Dichloro-2-butene

Concen: 17.245 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

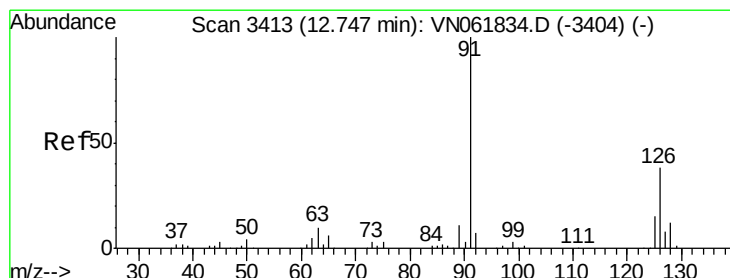
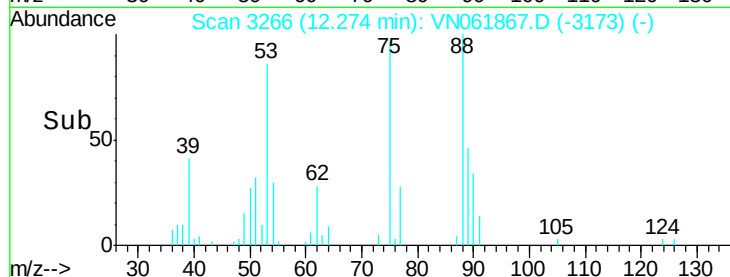
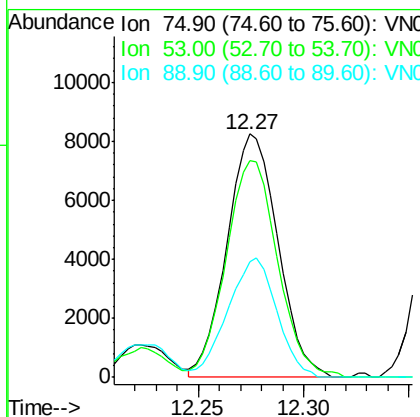
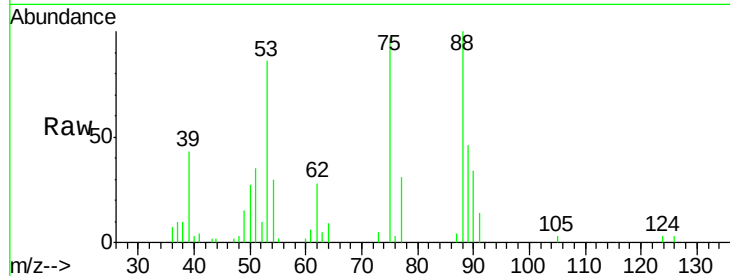
ClientSampleId :

VN0617WBS02

Tot Ion:	75	Resp:	13808
Ion	Ratio	Lower	Upper
75	100		
53	90.4	70.4	105.6
89	47.3	36.0	54.0

Manual Integrations
APPROVED

MMDadoda
6/18/2020 9:37:26 AM



#82

4-Chlorotoluene

Concen: 19.609 ug/l

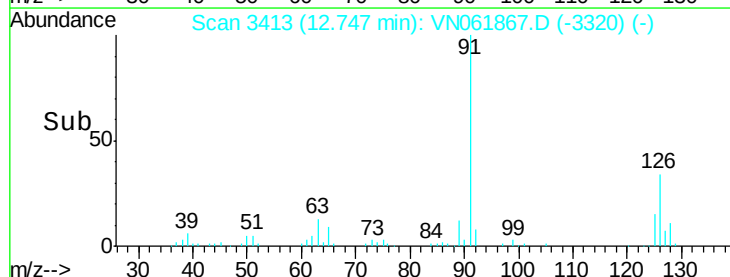
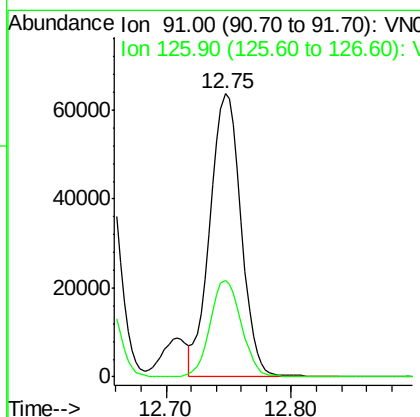
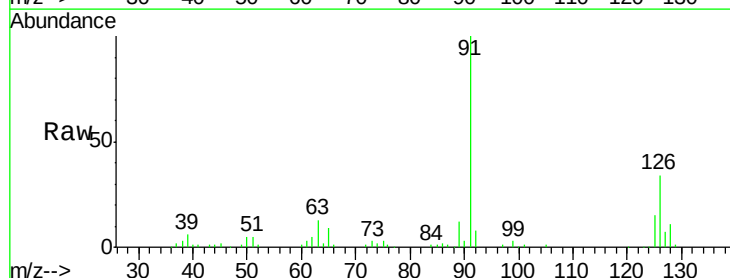
RT: 12.75 min Scan# 3413

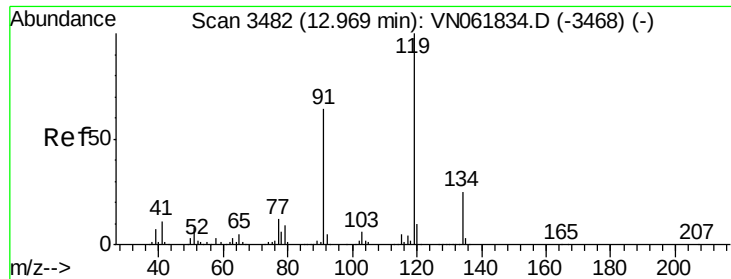
Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Tgt Ion:	91	Resp:	109762
Ion	Ratio	Lower	Upper
91	100		
126	34.1	17.2	51.6





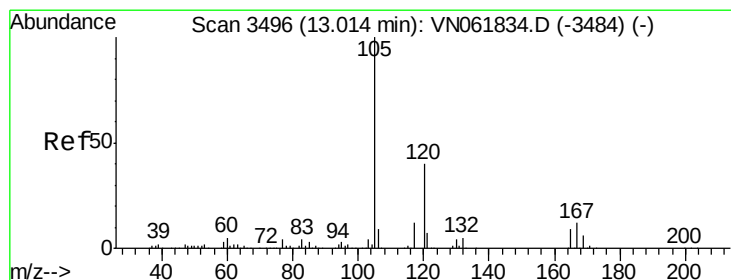
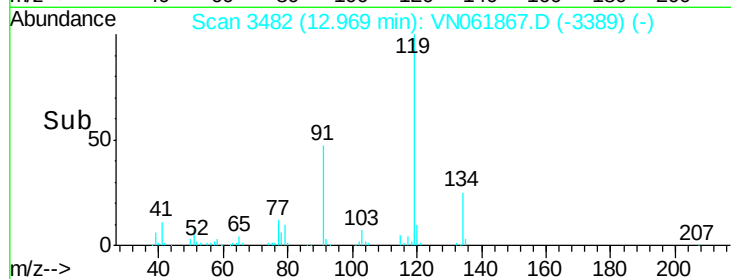
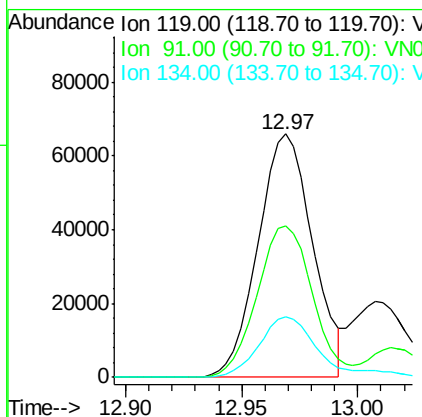
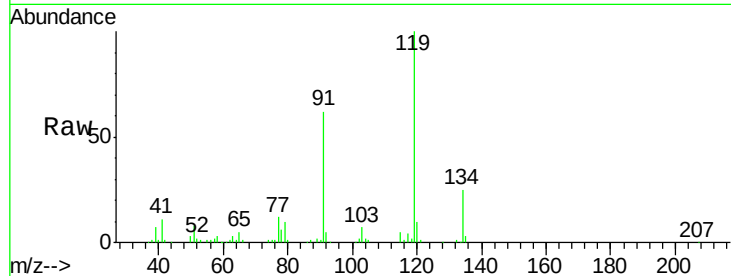
#83
 tert-Butylbenzene
 Concen: 19.486 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.6	31.5	94.5
134	27.4	13.3	39.9

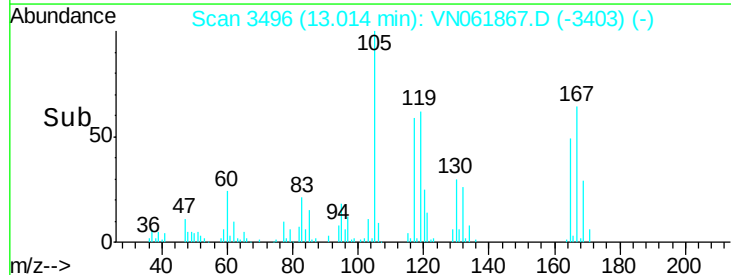
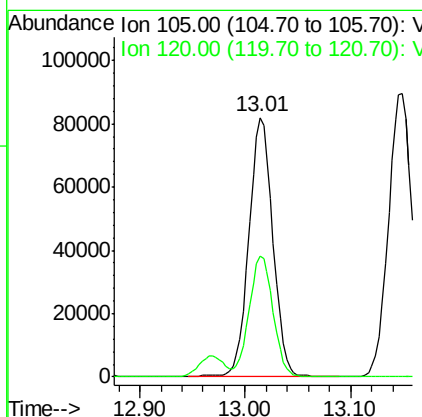
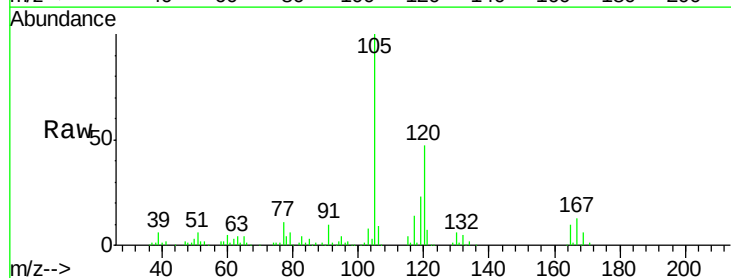
Manual Integrations
 APPROVED

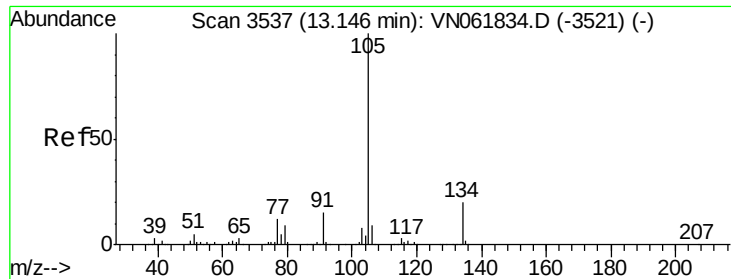
MMDadoda
 6/18/2020 9:37:26 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.160 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.3	69.9





#85

sec-Butylbenzene

Concen: 19.748 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBS02

Tot Ion:105 Resp: 143305

Ion Ratio Lower Upper

105 100

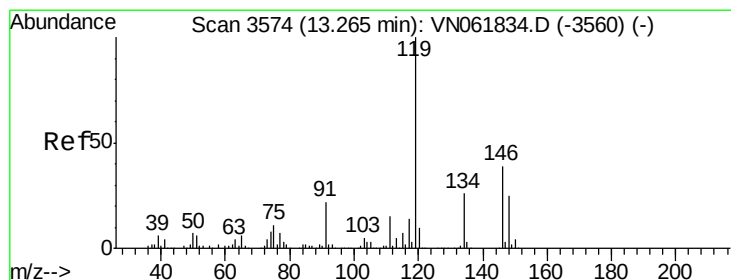
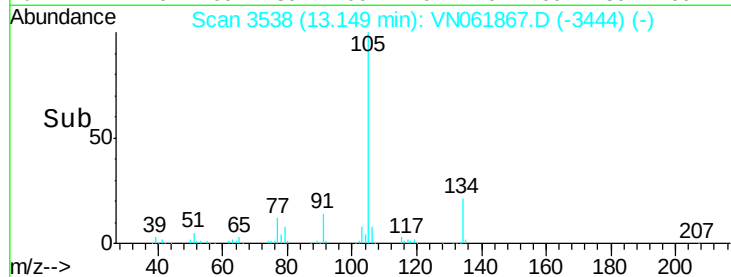
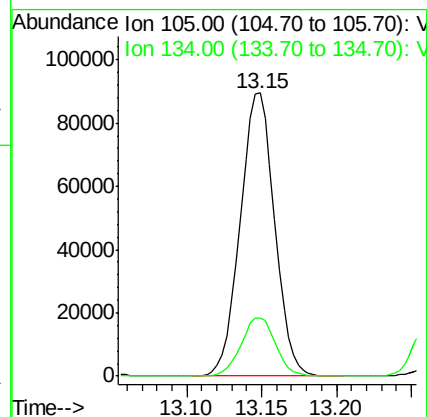
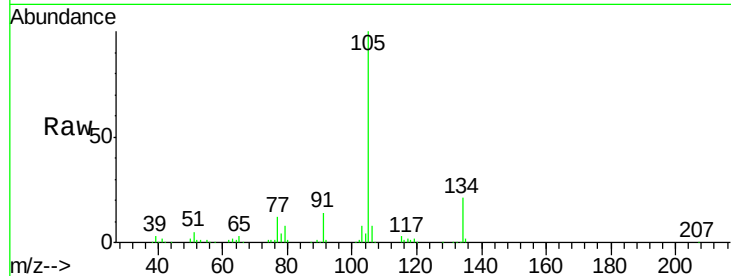
134 20.7 10.1 30.1

Manual Integrations

APPROVED

MMDadoda

6/18/2020 9:37:26 AM



#86

p-Isopropyltoluene

Concen: 19.848 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061867.D

Acq: 17 Jun 2020 23:28

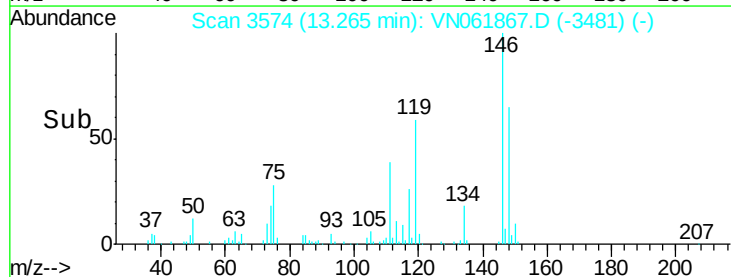
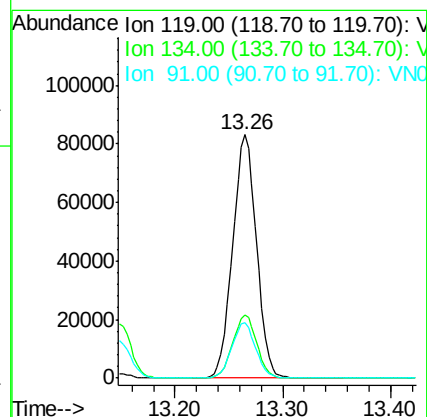
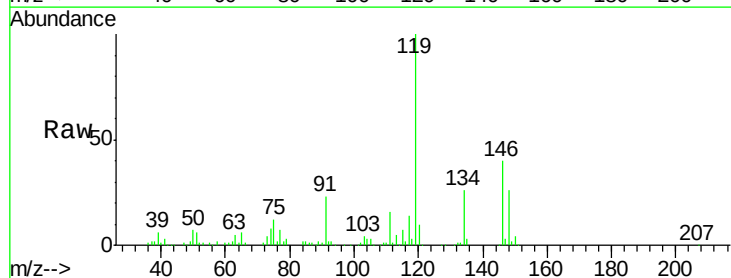
Tgt Ion:119 Resp: 128343

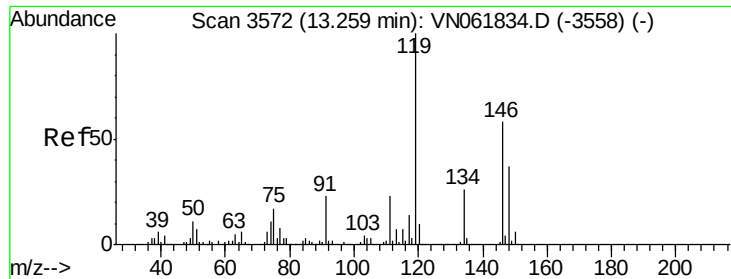
Ion Ratio Lower Upper

119 100

134 25.8 13.3 39.9

91 22.9 11.2 33.6





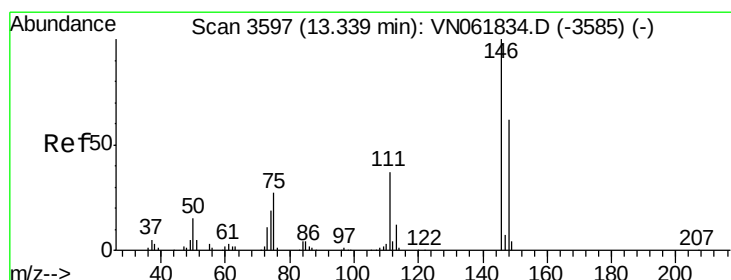
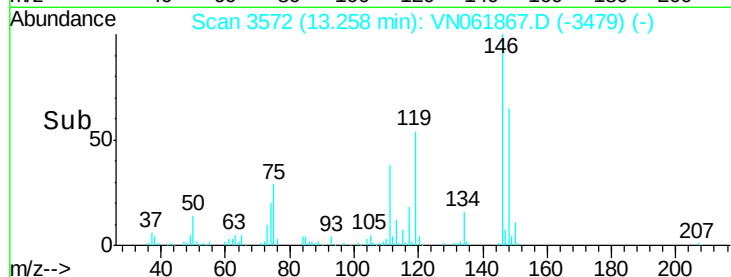
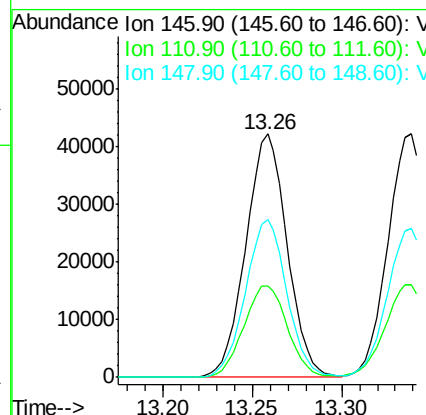
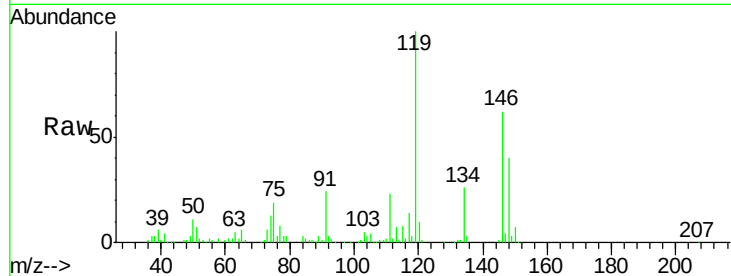
#87
 1,3-Dichlorobenzene
 Concen: 18.763 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.6	58.8
148	64.7	31.8	95.4

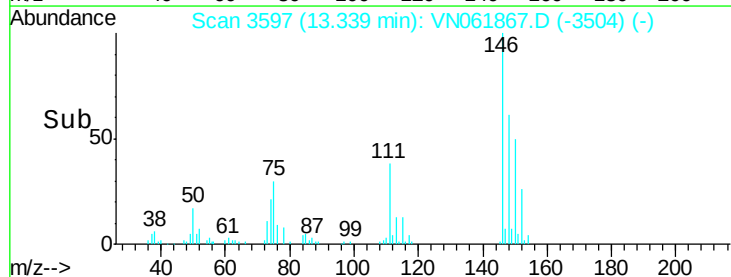
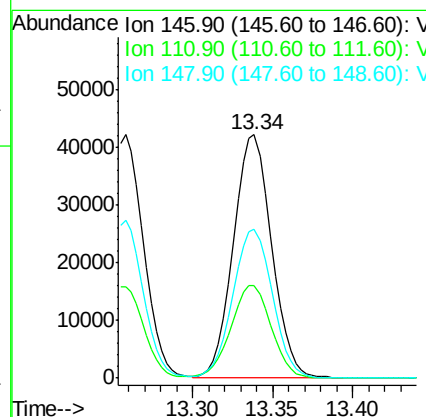
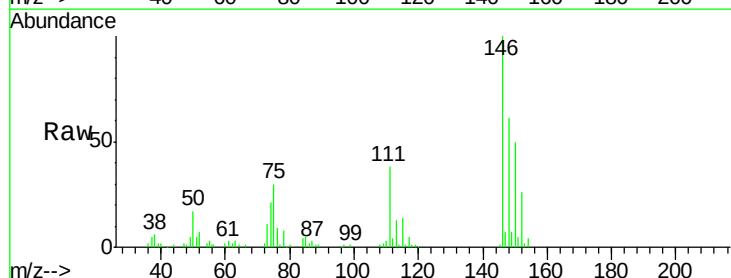
Manual Integrations
 APPROVED

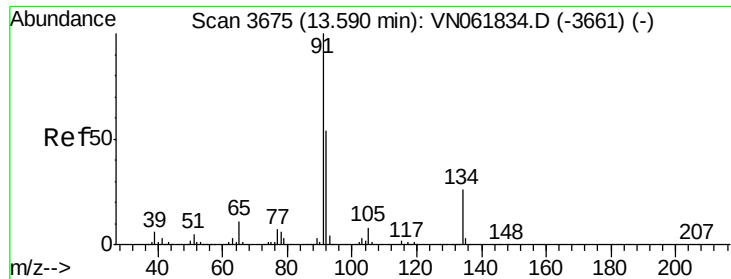
MMDadoda
 6/18/2020 9:37:26 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.479 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.3	57.8
148	63.3	31.6	94.7





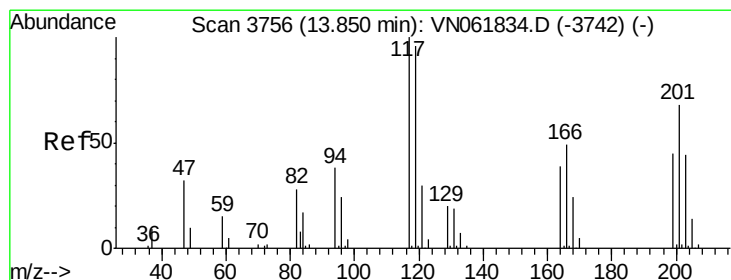
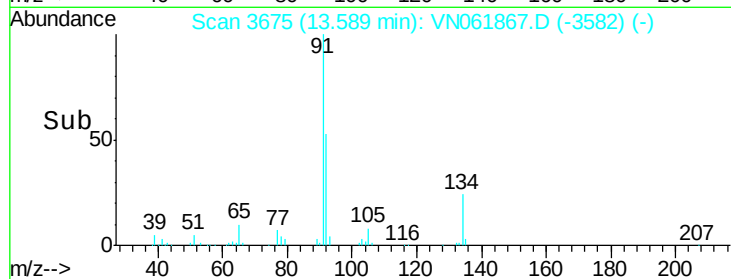
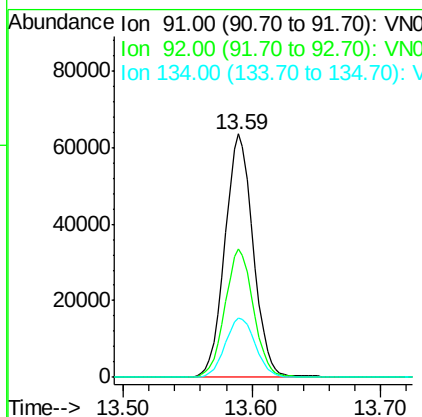
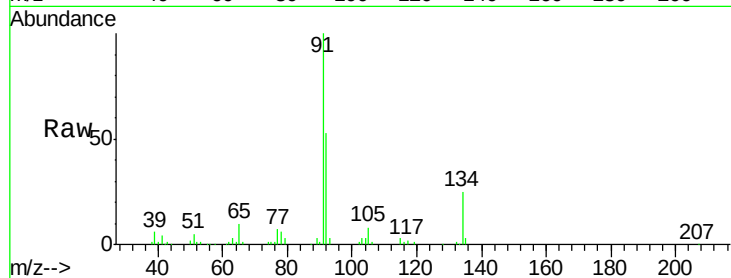
#89
n-Butylbenzene
Concen: 17.908 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	27.0	80.8
134	25.7	13.0	39.0

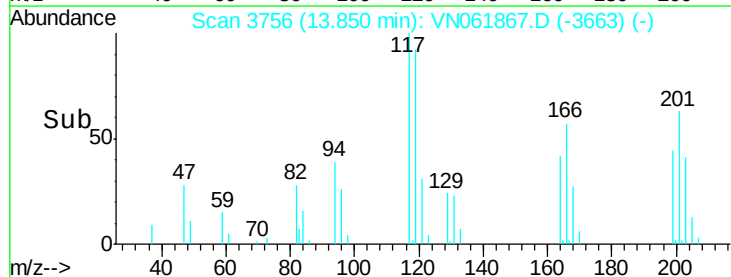
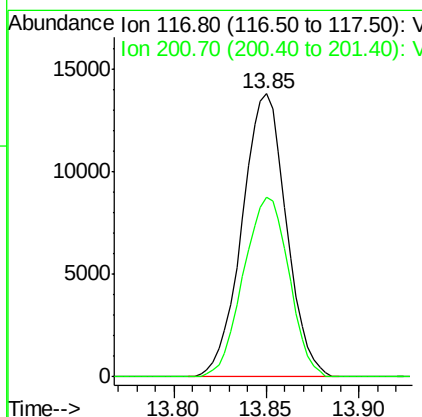
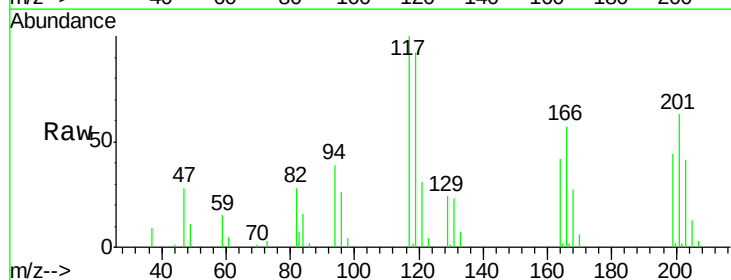
Manual Integrations
APPROVED

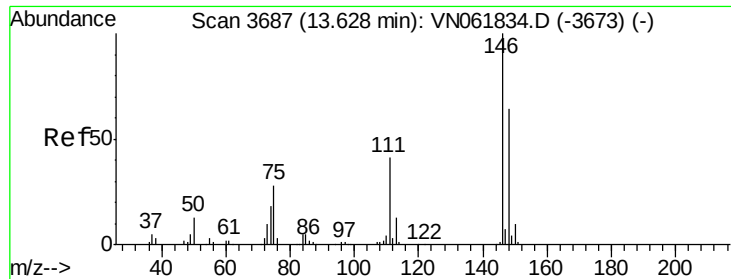
MMDadoda
6/18/2020 9:37:26 AM



#90
Hexachloroethane
Concen: 19.355 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.1	34.6	103.8





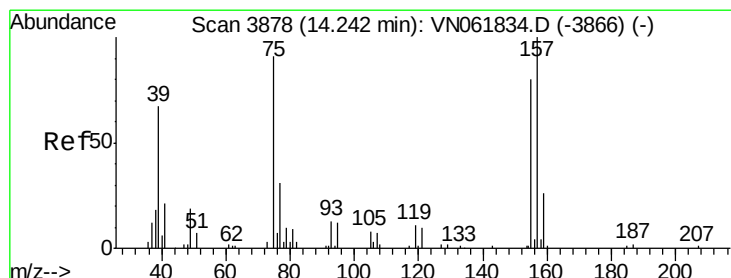
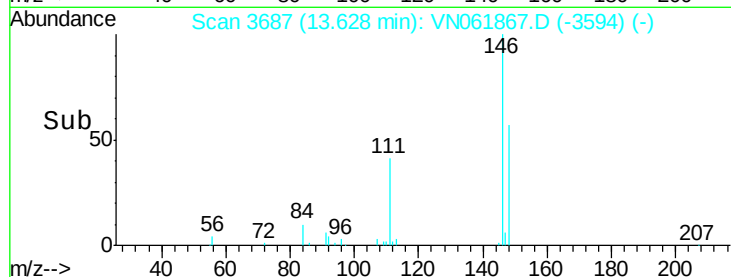
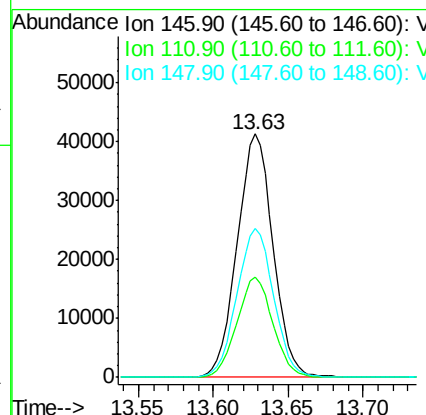
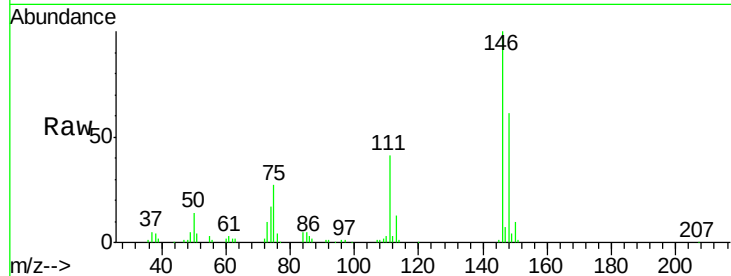
#91
 1,2-Dichlorobenzene
 Concen: 19.686 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.4	61.2
148	62.6	31.8	95.4

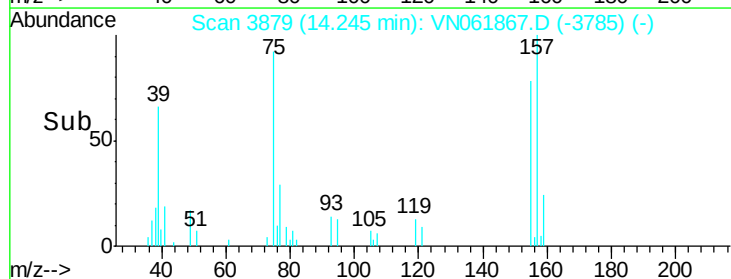
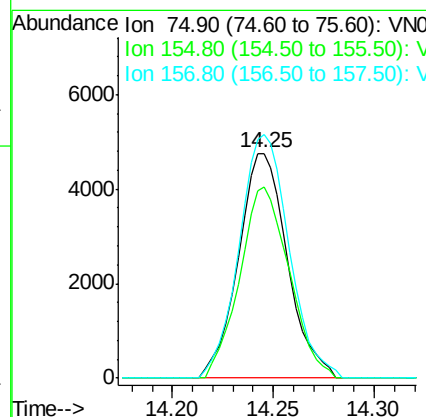
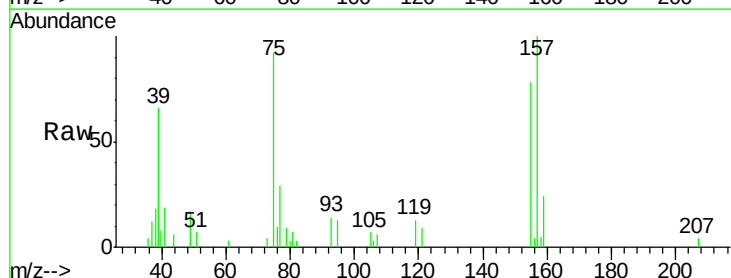
Manual Integrations
 APPROVED

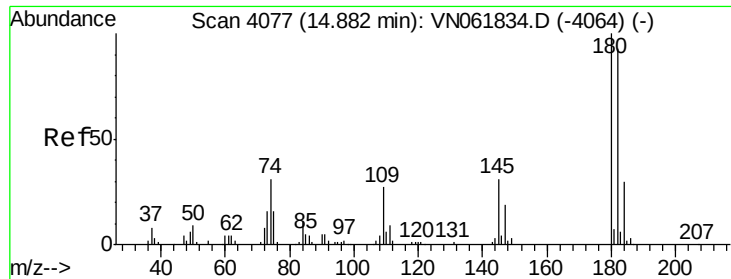
MMDadoda
 6/18/2020 9:37:26 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.352 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061867.D
 Acq: 17 Jun 2020 23:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.7	44.4	133.2
157	110.7	57.0	171.2





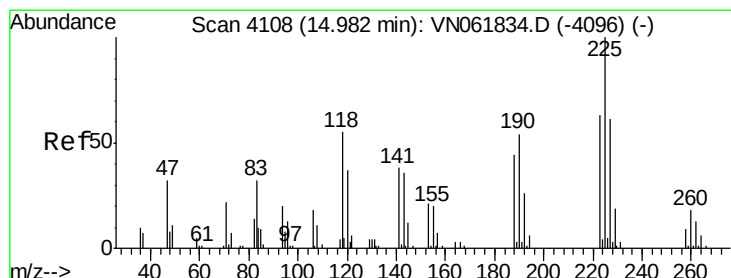
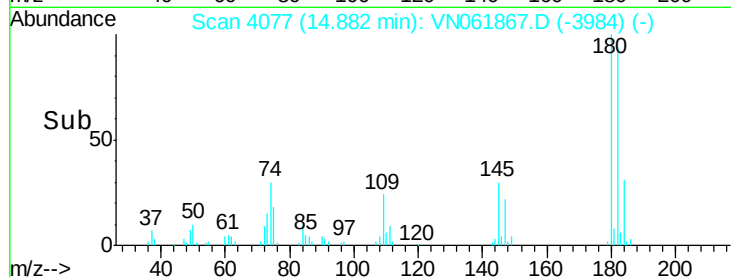
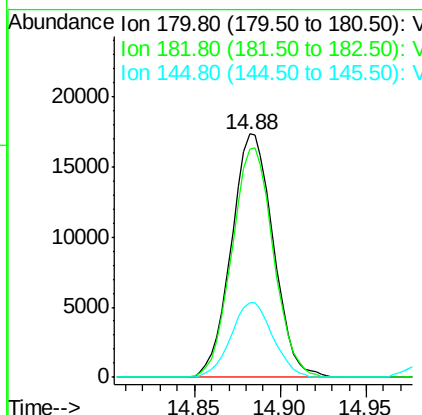
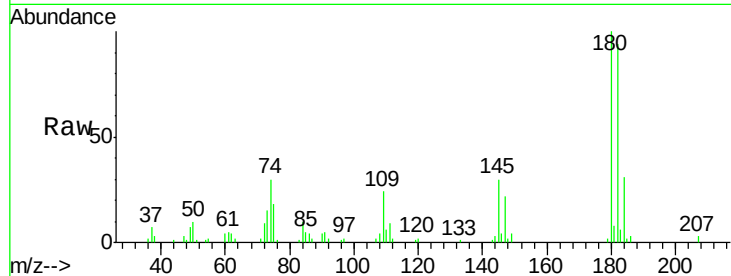
#93
1,2,4-Trichlorobenzene
Concen: 17.788 ug/l
RT: 14.88 min Scan# 4077
Delta R.T. -0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	29391		
182	93.2	47.0	141.2	
145	30.6	15.8	47.3	

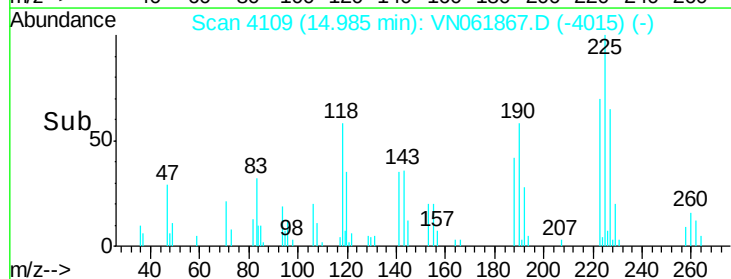
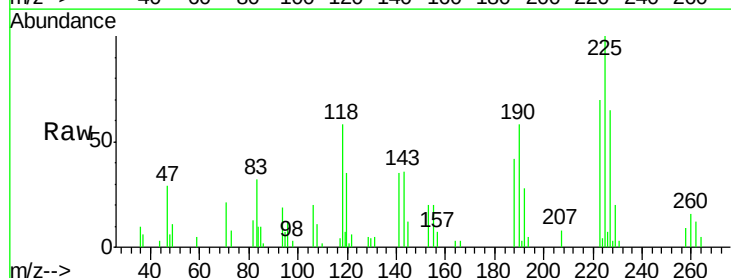
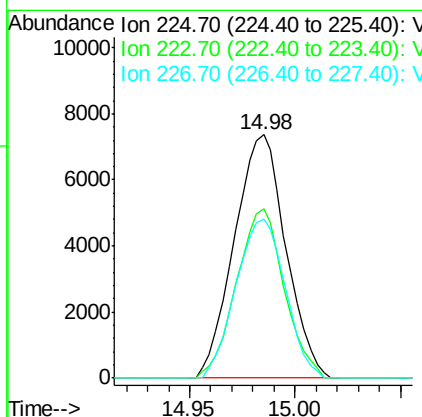
Manual Integrations
APPROVED

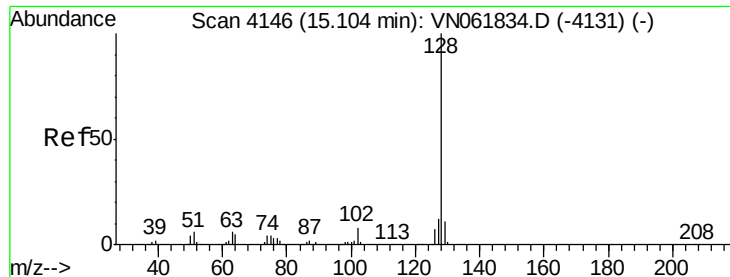
MMDadoda
6/18/2020 9:37:26 AM



#94
Hexachlorobutadiene
Concen: 19.157 ug/l
RT: 14.98 min Scan# 4109
Delta R.T. 0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	12467		
223	64.5	31.7	95.1	
227	62.7	30.1	90.3	





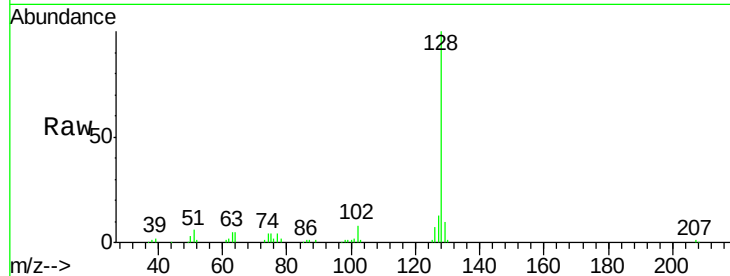
#95
Naphthalene
Concen: 17.687 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBS02

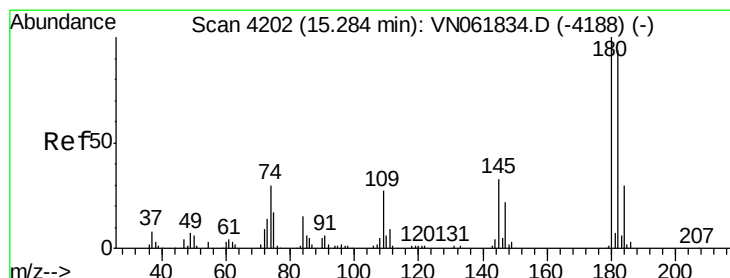
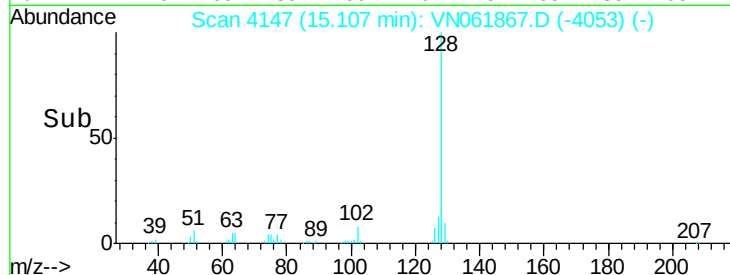
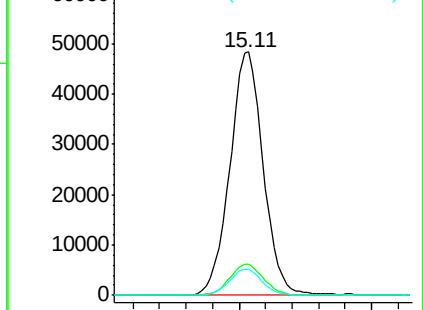
Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.6	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/18/2020 9:37:26 AM

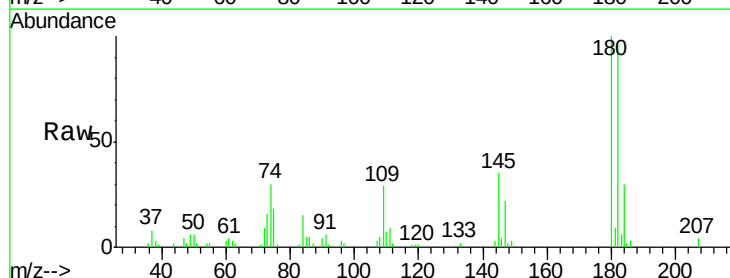


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.624 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061867.D
Acq: 17 Jun 2020 23:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.9	143.6
145	33.4	16.5	49.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

