

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060320\
 Data File : VN061634.D
 Acq On : 3 Jun 2020 13:35
 Operator : JC/MD
 Sample : VN0603WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/4/2020 3:08:16 PM

Quant Time: Jun 04 08:09:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	311415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	509406	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	478854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	234880	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	177450	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
35) Dibromofluoromethane	7.55	113	134887	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	
50) Toluene-d8	10.06	98	578108	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
62) 4-Bromofluorobenzene	12.38	95	207465	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	68572	19.781	ug/l	98
3) Chloromethane	2.03	50	72041	18.967	ug/l	98
4) Vinyl Chloride	2.16	62	97200	18.674	ug/l	99
5) Bromomethane	2.54	94	61433	20.569	ug/l	97
6) Chloroethane	2.67	64	63163	18.853	ug/l	100
7) Trichlorofluoromethane	2.98	101	116857	17.410	ug/l	99
8) Diethyl Ether	3.37	74	39158	19.079	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	59070	19.832	ug/l	98
10) Methyl Iodide	3.91	142	78825	19.064	ug/l	99
11) Tert butyl alcohol	4.73	59	53751	108.915	ug/l	99
12) 1,1-Dichloroethene	3.69	96	57180	17.969	ug/l	96
13) Acrolein	3.56	56	14137	77.773	ug/l	100
14) Allyl chloride	4.27	41	73346	17.631	ug/l	96
15) Acrylonitrile	4.93	53	131233	95.269	ug/l	99
16) Acetone	3.77	43	101451	95.378	ug/l	96
17) Carbon Disulfide	4.01	76	130815	18.685	ug/l	98
18) Methyl Acetate	4.28	43	62591	18.635	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	205894	18.985	ug/l	99
20) Methylene Chloride	4.50	84	67957	19.075	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	66778	18.608	ug/l	96
22) Diisopropyl ether	5.90	45	173348	18.906	ug/l	97
23) Vinyl Acetate	5.84	43	649896	88.930	ug/l	99
24) 1,1-Dichloroethane	5.79	63	110538	19.011	ug/l	99
25) 2-Butanone	6.78	43	160779	91.434	ug/l	99
26) 2,2-Dichloropropane	6.77	77	101215	19.020	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	78611	19.345	ug/l	100
28) Bromochloromethane	7.15	49	45575	20.044	ug/l	99
29) Tetrahydrofuran	7.17	42	104582	90.193	ug/l	97
30) Chloroform	7.33	83	125385	19.493	ug/l	98
31) Cyclohexane	7.61	56	94737	18.117	ug/l	92
32) 1,1,1-Trichloroethane	7.53	97	110934	18.927	ug/l	100
36) 1,1-Dichloropropene	7.75	75	88918	19.718	ug/l	99
37) Ethyl Acetate	6.88	43	67879	18.688	ug/l	98
38) Carbon Tetrachloride	7.73	117	86493	19.884	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060320\
 Data File : VN061634.D
 Acq On : 3 Jun 2020 13:35
 Operator : JC/MD
 Sample : VN0603WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0603WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/4/2020 3:08:16 PM

Quant Time: Jun 04 08:09:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	101549	18.270	ug/l	97
40) Benzene	8.00	78	267771	19.245	ug/l	98
41) Methacrylonitrile	7.12	41	27949m	16.795	ug/l	
42) 1,2-Dichloroethane	8.08	62	91784	19.704	ug/l	100
43) Isopropyl Acetate	8.12	43	119398	18.272	ug/l	97
44) Trichloroethene	8.80	130	83913	19.624	ug/l	96
45) 1,2-Dichloropropane	9.08	63	65541	19.837	ug/l	99
46) Dibromomethane	9.17	93	49506	19.537	ug/l	99
47) Bromodichloromethane	9.37	83	98041	19.529	ug/l	99
48) Methyl methacrylate	9.17	41	50080	17.034	ug/l	96
49) 1,4-Dioxane	9.17	88	23356	512.797	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	339385	92.163	ug/l	99
52) Toluene	10.12	92	179089	19.720	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	103258	19.093	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	112129	19.282	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	72619	20.071	ug/l	99
56) Ethyl methacrylate	10.40	69	95274	18.851	ug/l	99
57) 1,3-Dichloropropane	10.68	76	115002	19.873	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	185142	85.718	ug/l	100
59) 2-Hexanone	10.72	43	241094	91.163	ug/l	100
60) Dibromochloromethane	10.87	129	82290	20.006	ug/l	100
61) 1,2-Dibromoethane	10.98	107	75307	19.957	ug/l	98
64) Tetrachloroethene	10.60	164	90877	20.161	ug/l	98
65) Chlorobenzene	11.41	112	198808	19.973	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	74087	19.990	ug/l	100
67) Ethyl Benzene	11.48	91	340043	19.766	ug/l	99
68) m/p-Xylenes	11.60	106	268533	39.366	ug/l	100
69) o-Xylene	11.92	106	127958	19.750	ug/l	100
70) Styrene	11.94	104	209330	19.510	ug/l	99
71) Bromoform	12.10	173	53131	18.604	ug/l #	99
73) Isopropylbenzene	12.22	105	337349	19.678	ug/l	99
74) N-amyl acetate	12.05	43	96907	17.950	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	90484	18.835	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	78198m	18.309	ug/l	
77) Bromobenzene	12.50	156	86073	19.670	ug/l	99
78) n-propylbenzene	12.57	91	370513	19.360	ug/l	99
79) 2-Chlorotoluene	12.65	91	222947	19.537	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	279524	19.508	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	27984	16.755	ug/l	95
82) 4-Chlorotoluene	12.75	91	231446	19.279	ug/l	99
83) tert-Butylbenzene	12.97	119	235311	18.587	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	279290	19.621	ug/l	99
85) sec-Butylbenzene	13.15	105	306785	18.806	ug/l	99
86) p-Isopropyltoluene	13.26	119	283877	18.896	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	155341	20.047	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	154521	19.574	ug/l	99
89) n-Butylbenzene	13.59	91	231752	18.417	ug/l	99
90) Hexachloroethane	13.85	117	36262	21.826	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	150912	20.379	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	16518	16.859	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060320\
Data File : VN061634.D
Acq On : 3 Jun 2020 13:35
Operator : JC/MD
Sample : VN0603WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

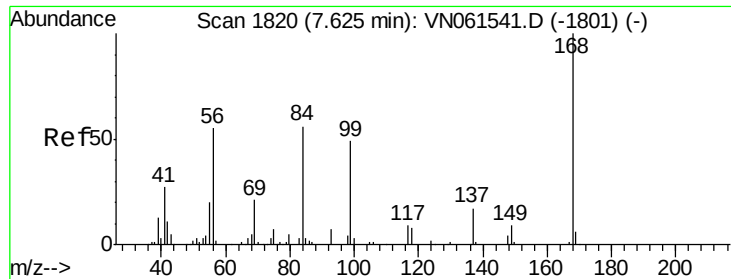
Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:08:16 PM

Quant Time: Jun 04 08:09:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	83149	19.199	ug/l	99
94) Hexachlorobutadiene	14.98	225	33327	18.043	ug/l	98
95) Naphthalene	15.10	128	251684	19.093	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	83526	19.616	ug/l	100

(#) = 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: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampled :

VN0603WBSD01

Tot Ion:168 Resp: 311415

Ion Ratio Lower Upper

168 100

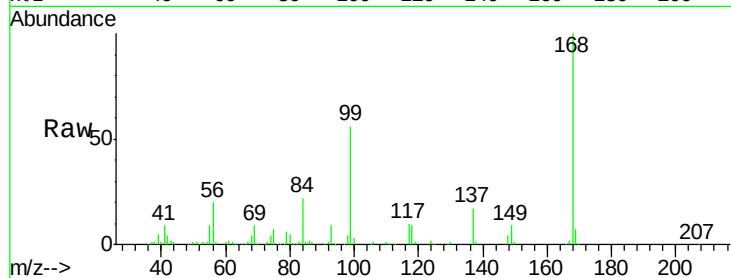
99 55.9 45.0 67.4

Manual Integrations

APPROVED

MMDadoda

6/4/2020 3:08:16 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

150000

100000

50000

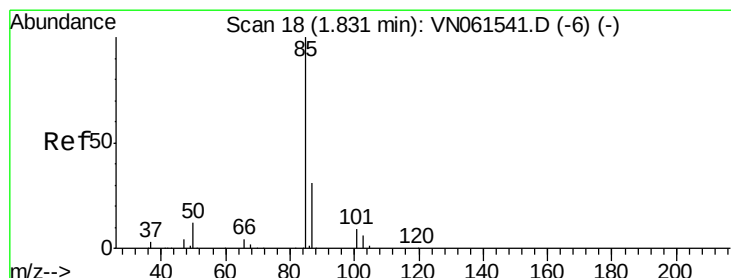
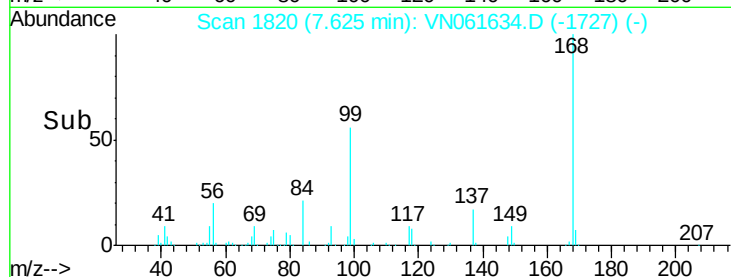
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.781 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061634.D

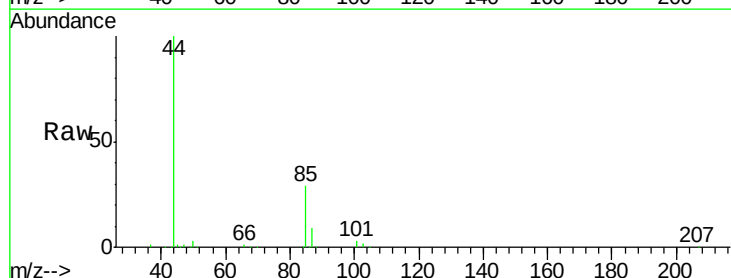
Acq: 3 Jun 2020 13:35

Tgt Ion: 85 Resp: 68572

Ion Ratio Lower Upper

85 100

87 32.2 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

50000

40000

30000

20000

10000

0

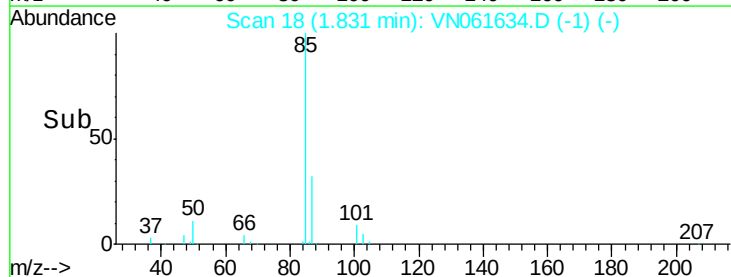
1.75

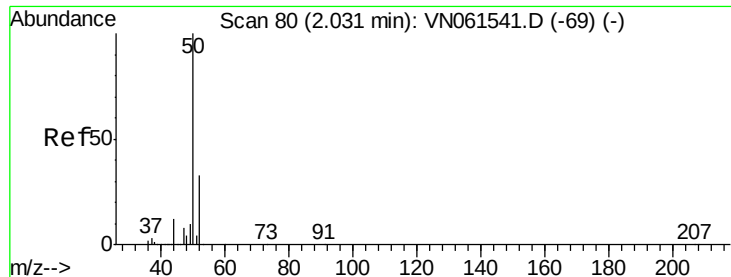
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 18.967 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampled :

VN0603WBSD01

Tot Ion: 50 Resp: 72041

Ion Ratio Lower Upper

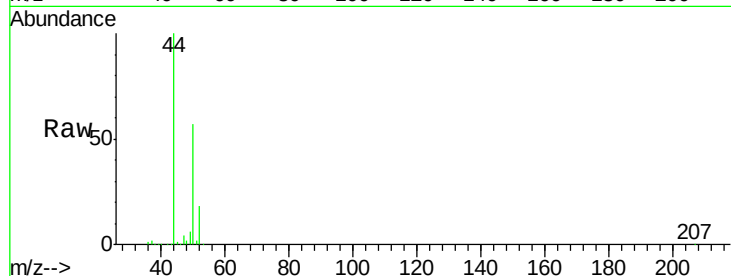
50 100

52 32.2 26.7 40.1

Manual Integrations
APPROVED

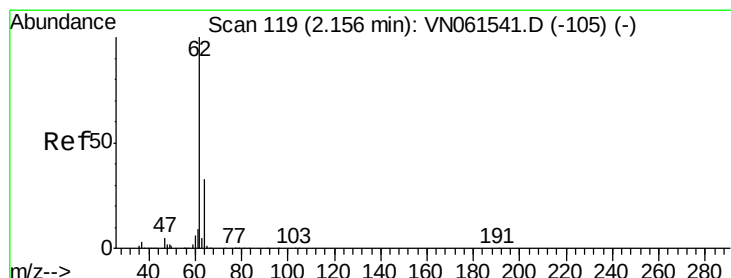
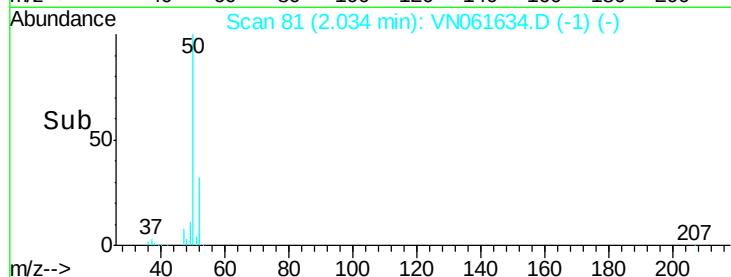
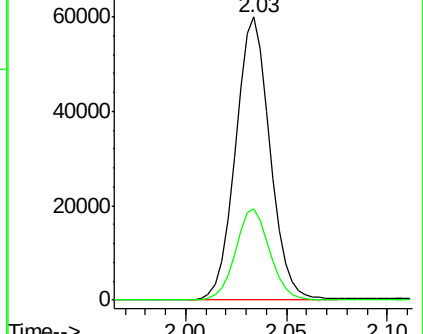
MMDadoda

6/4/2020 3:08:16 PM



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 18.674 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN061634.D

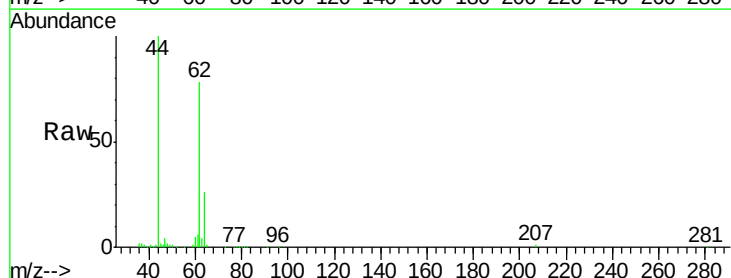
Acq: 3 Jun 2020 13:35

Tgt Ion: 62 Resp: 97200

Ion Ratio Lower Upper

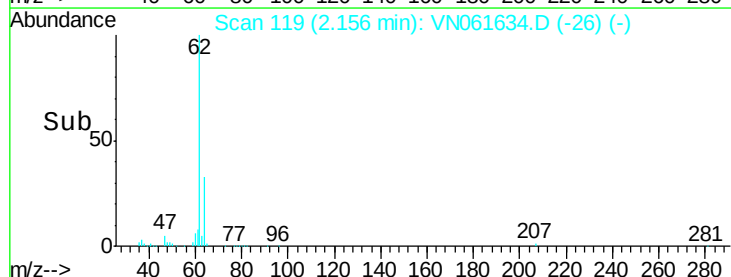
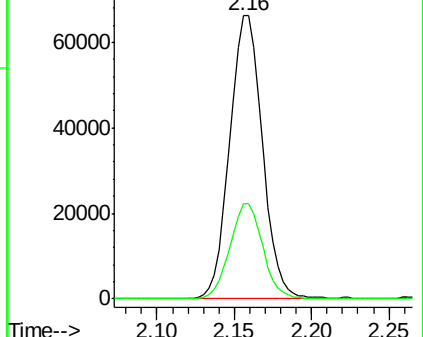
62 100

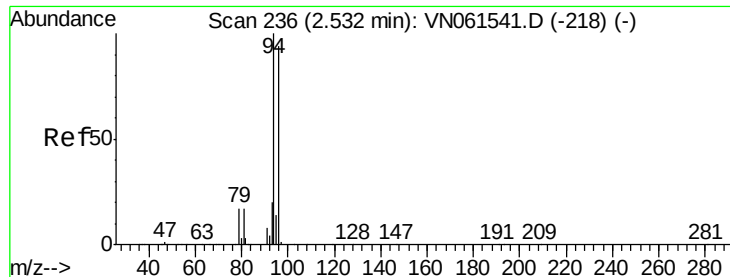
64 33.5 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 20.569 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBSD01

Tot Ion: 94 Resp: 61433

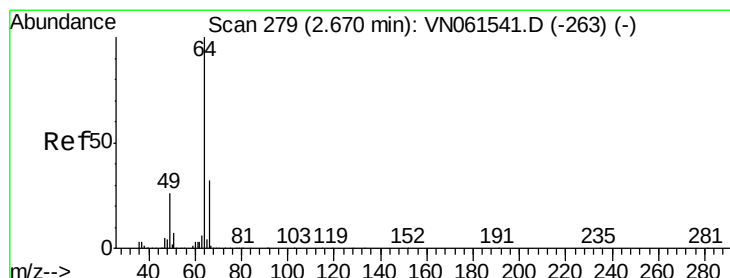
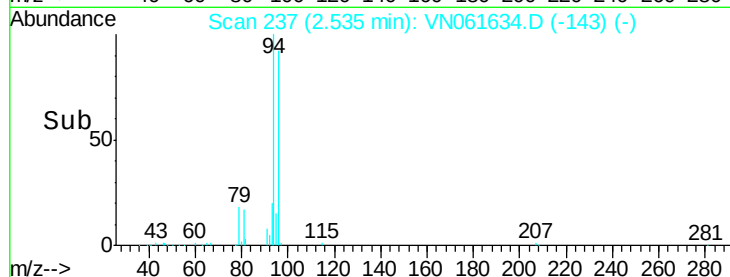
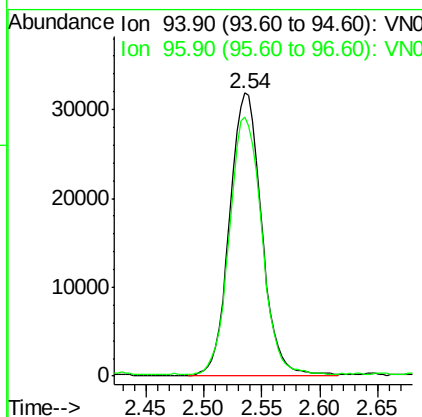
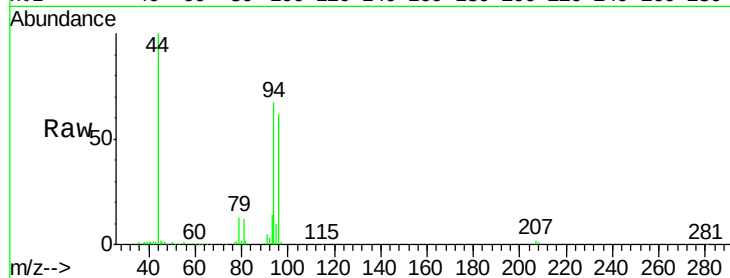
Ion Ratio Lower Upper

94 100

96 91.1 74.8 112.2

Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:08:16 PM



#6

Chloroethane

Concen: 18.853 ug/l

RT: 2.67 min Scan# 279

Delta R.T. -0.00 min

Lab File: VN061634.D

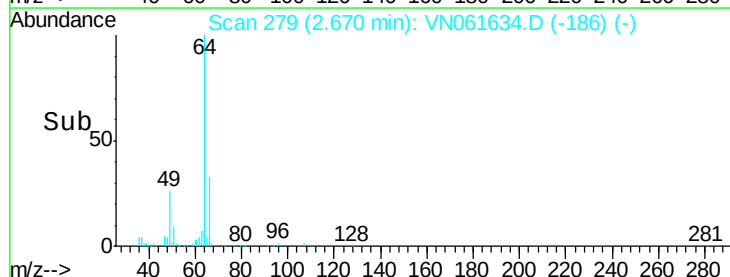
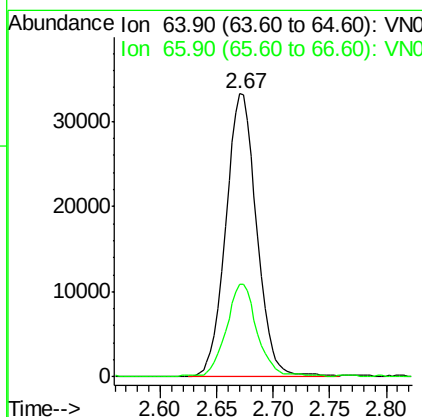
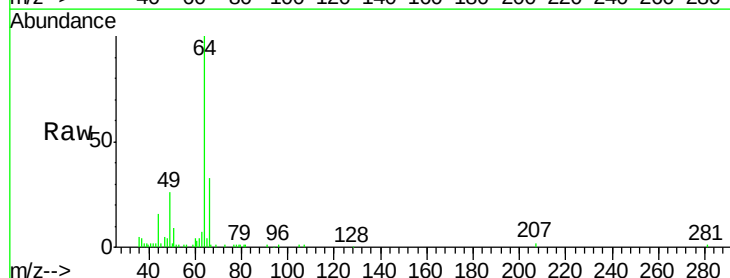
Acq: 3 Jun 2020 13:35

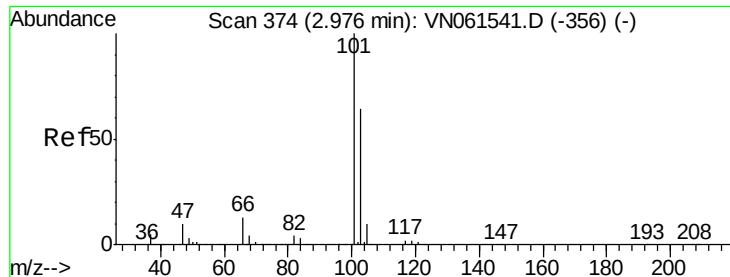
Tgt Ion: 64 Resp: 63163

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4





#7

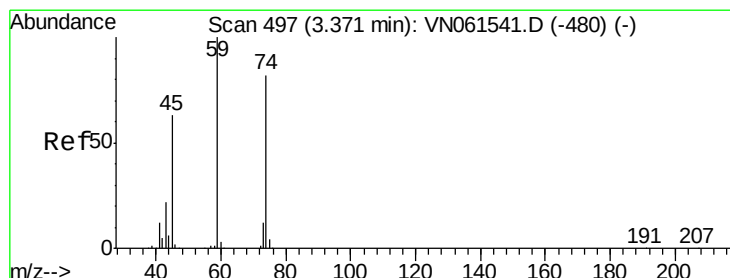
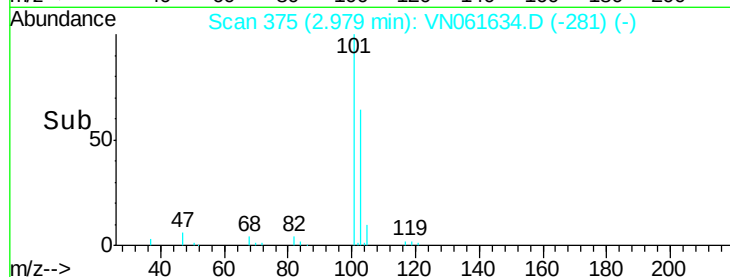
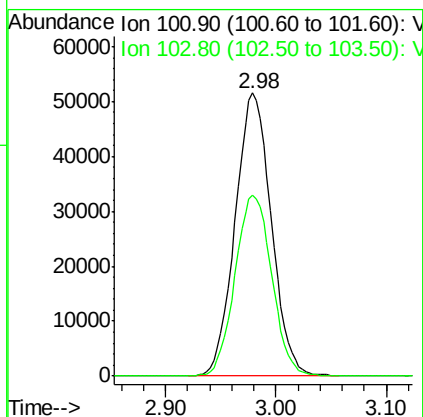
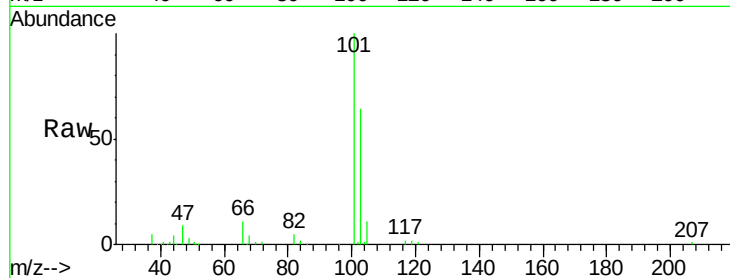
Trichlorofluoromethane
Concen: 17.410 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.4	77.2

Manual Integrations
APPROVED

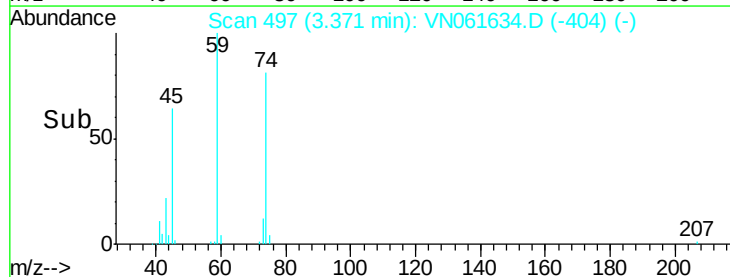
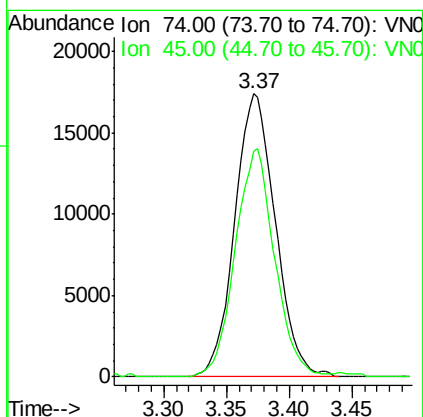
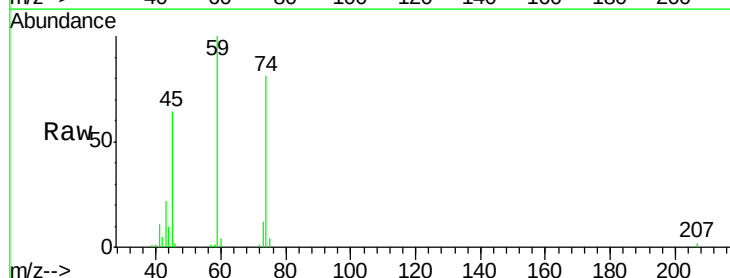
MMDadoda
6/4/2020 3:08:16 PM

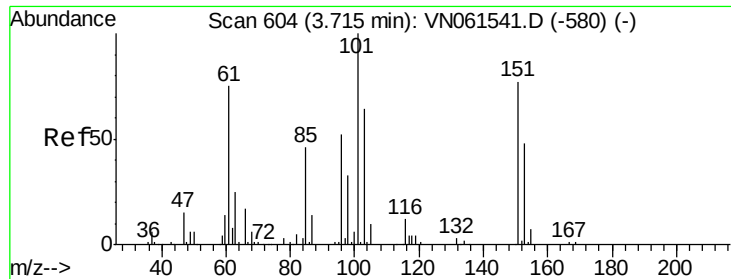


#8

Diethyl Ether
Concen: 19.079 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	78.2	39.9	119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.832 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

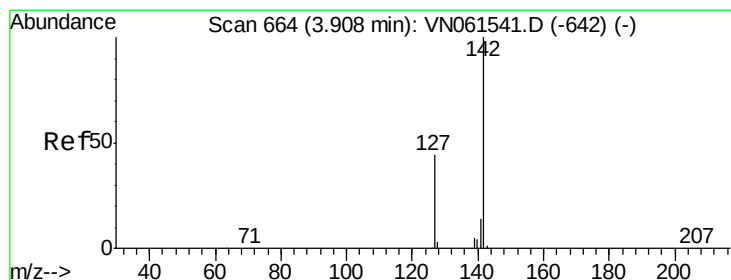
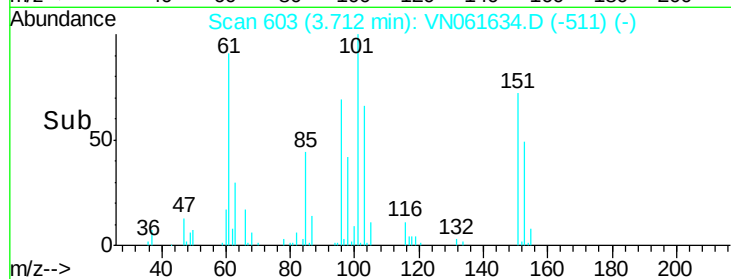
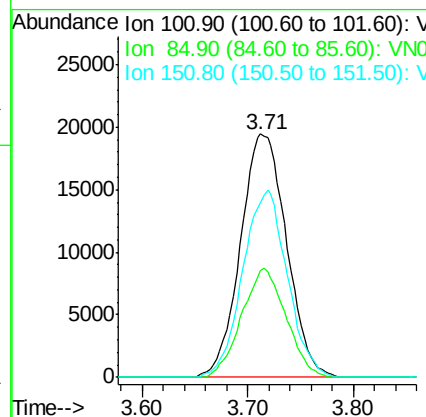
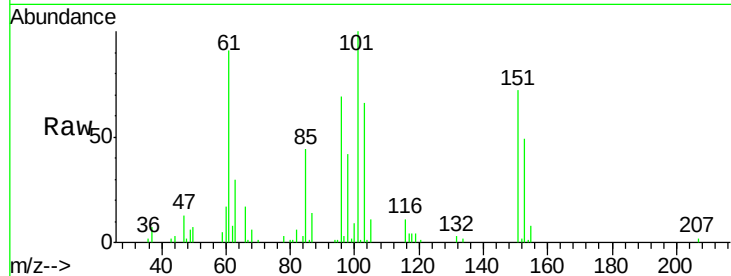
ClientSampled :

VN0603WBSD01

Tot Ion:	101	Resp:	59070
Ion Ratio	Lower	Upper	
101	100		
85	43.0	35.2	52.8
151	74.4	61.0	91.6

Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:08:16 PM



#10

Methyl Iodide

Concen: 19.064 ug/l

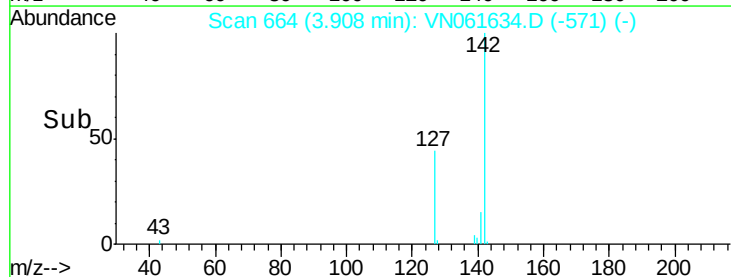
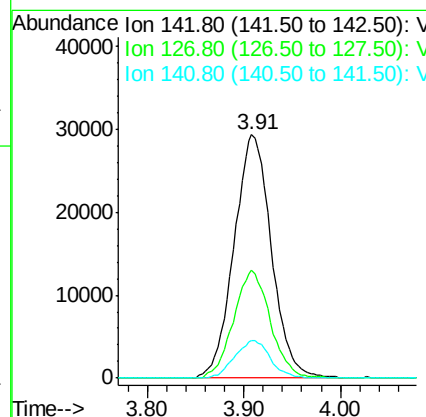
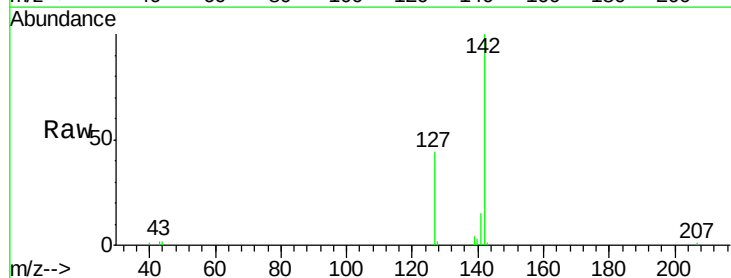
RT: 3.91 min Scan# 664

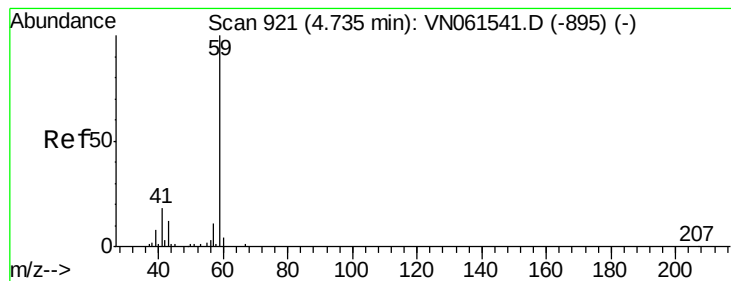
Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Tgt Ion:	142	Resp:	78825
Ion Ratio	Lower	Upper	
142	100		
127	43.5	35.5	53.3
141	14.6	11.5	17.3





#11

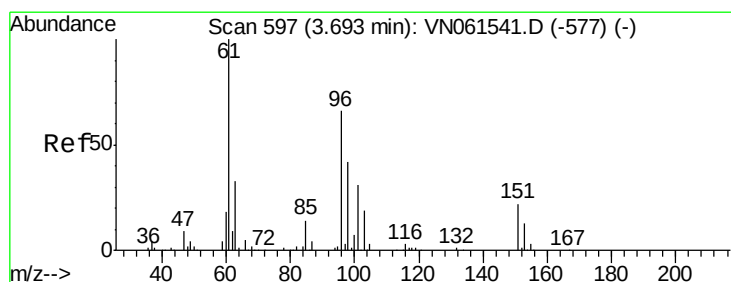
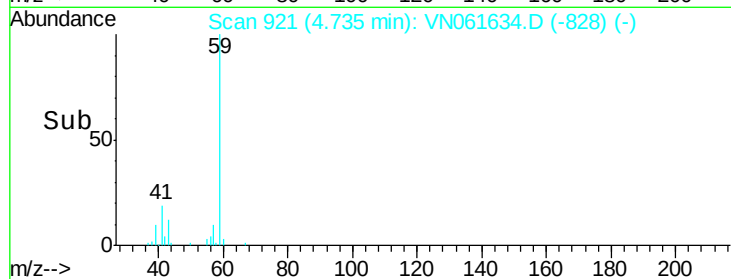
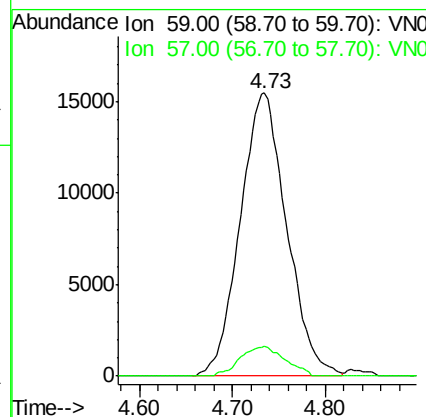
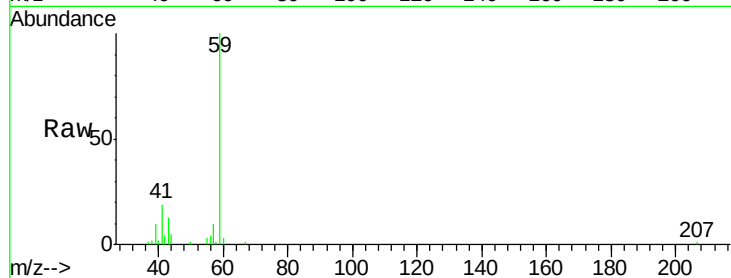
Tert butyl alcohol
Concen: 108.915 ug/l
RT: 4.73 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

Tot Ion	59	Resp	53751
Ion Ratio	100	Lower	Upper
57	10.2	8.4	12.6

Manual Integrations
APPROVED

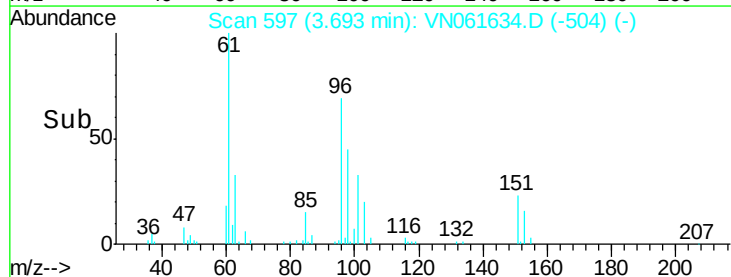
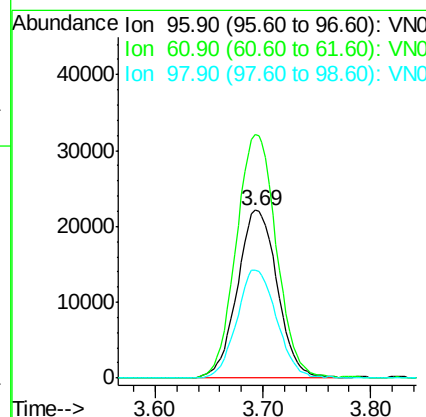
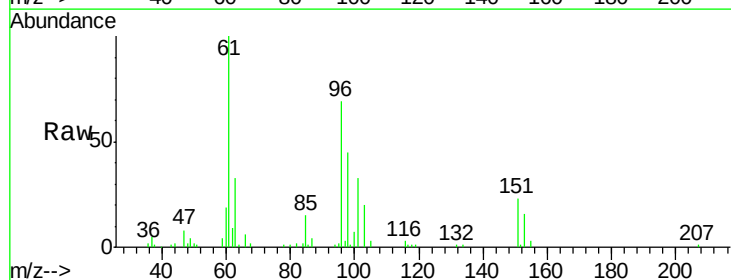
MMDadoda
6/4/2020 3:08:16 PM

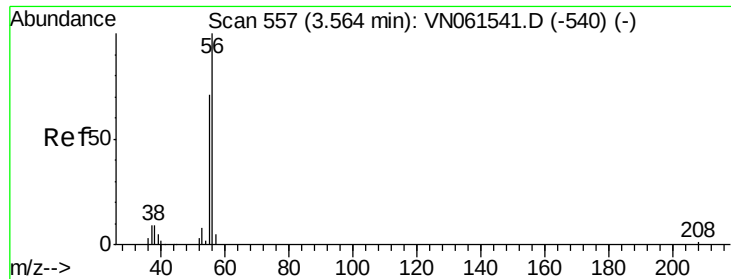


#12

1,1-Dichloroethene
Concen: 17.969 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Tgt Ion	96	Resp	57180
Ion Ratio	100	Lower	Upper
61	144.9	120.5	180.7
98	64.5	50.8	76.2





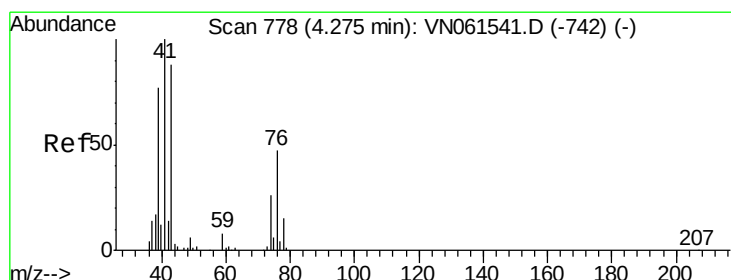
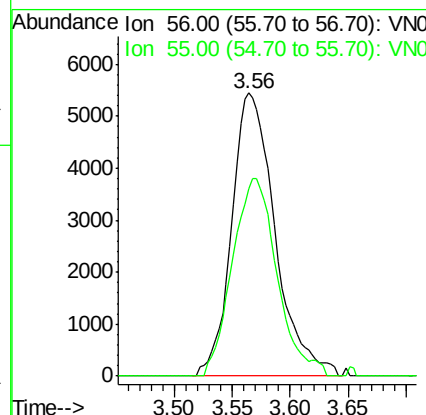
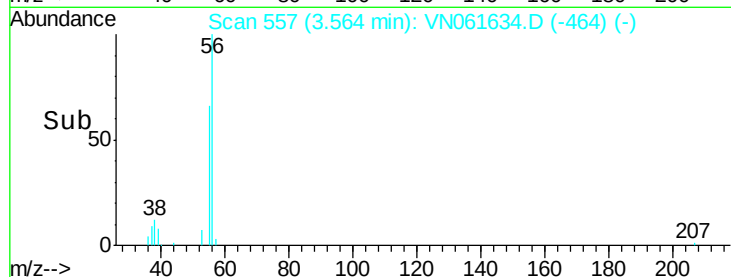
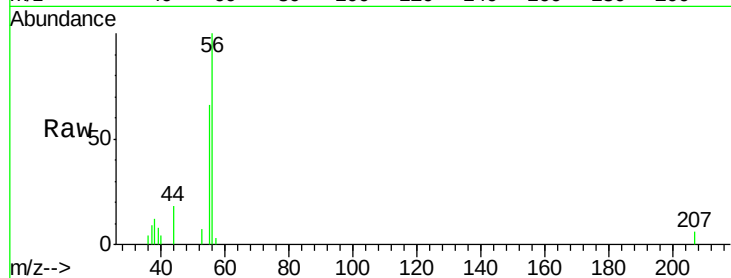
#13
Acrolein
Concen: 77.773 ug/l
RT: 3.56 min Scan# 557
Delta R.T. 0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

Tot Ion	56	Resp	14137
Ion Ratio	100	Lower	Upper
56	100		
55	72.2	58.0	87.0

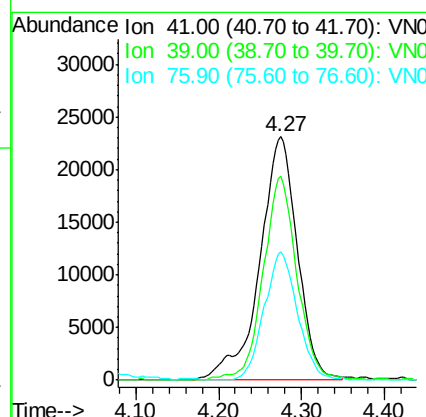
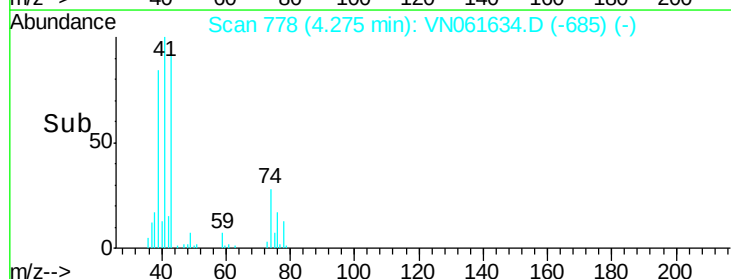
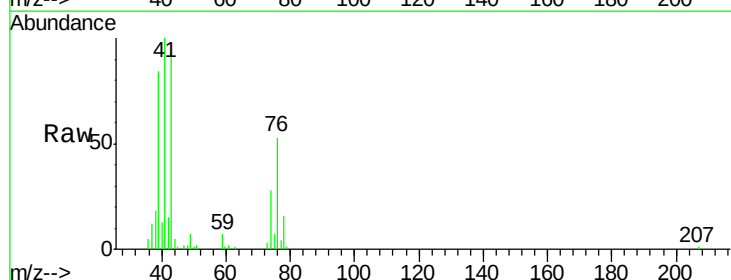
Manual Integrations
APPROVED

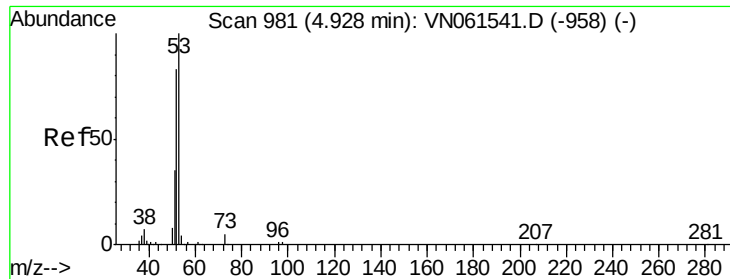
MMDadoda
6/4/2020 3:08:16 PM



#14
Allyl chloride
Concen: 17.631 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Tgt Ion	41	Resp	73346
Ion Ratio	100	Lower	Upper
41	100		
39	75.3	58.6	88.0
76	46.4	34.2	51.4





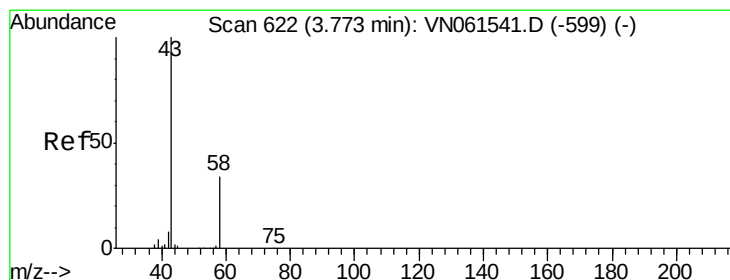
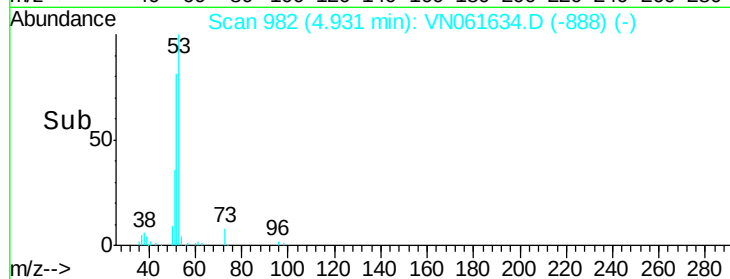
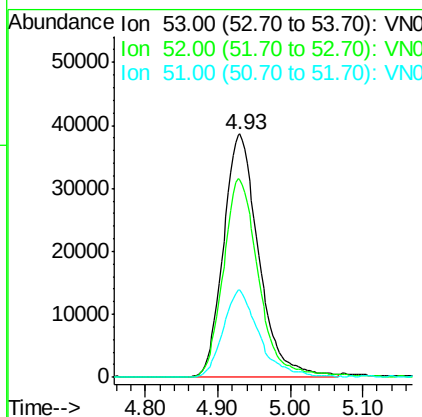
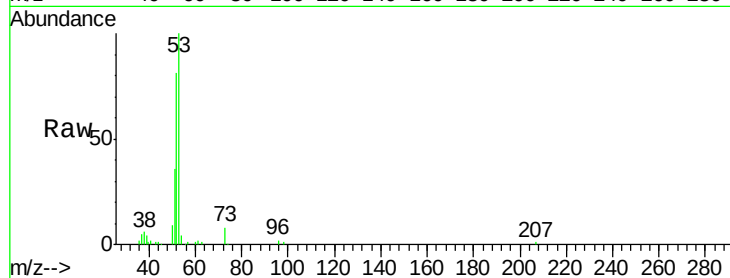
#15
 Acrylonitrile
 Concen: 95.269 ug/l
 RT: 4.93 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBSD01

Tot Ion:	53	Resp:	131233
Ion Ratio	Lower	Upper	
53	100		
52	80.1	65.4	98.2
51	36.6	29.0	43.6

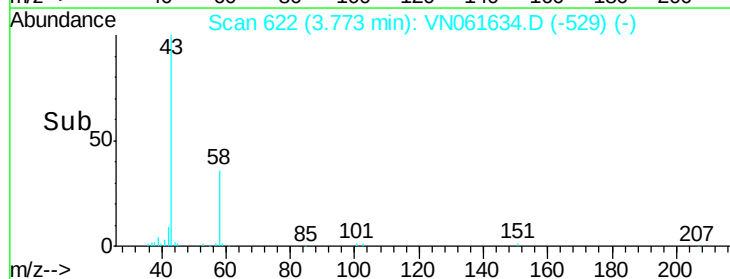
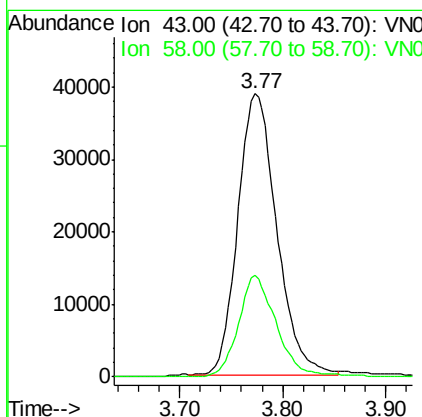
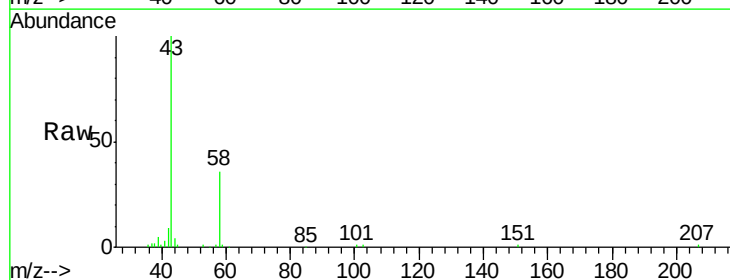
Manual Integrations
 APPROVED

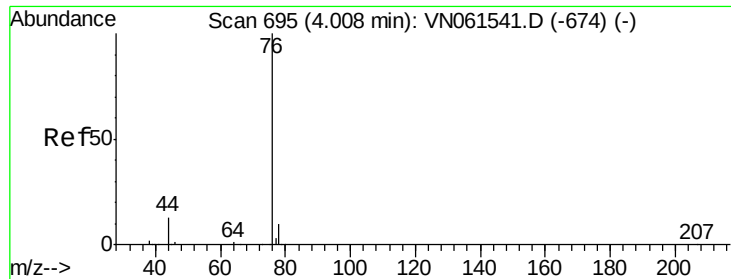
MMDadoda
 6/4/2020 3:08:16 PM



#16
 Acetone
 Concen: 95.378 ug/l
 RT: 3.77 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Tgt Ion:	43	Resp:	101451
Ion Ratio	Lower	Upper	
43	100		
58	36.3	27.2	40.8





#17

Carbon Disulfide

Concen: 18.685 ug/l

RT: 4.01 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBSD01

Tot Ion: 76 Resp: 130815

Ion Ratio Lower Upper

76 100

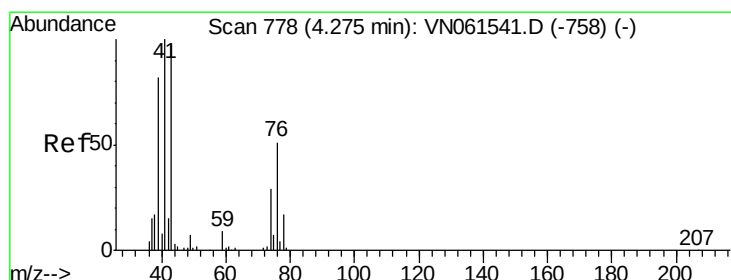
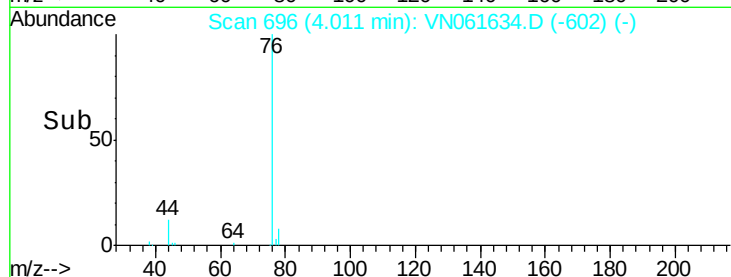
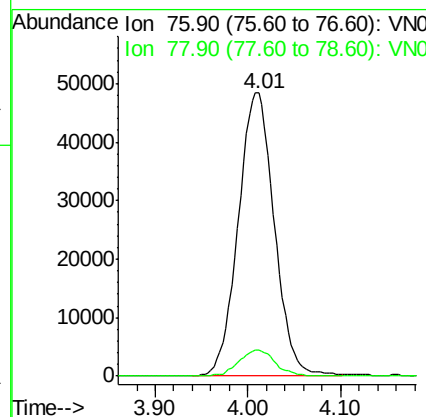
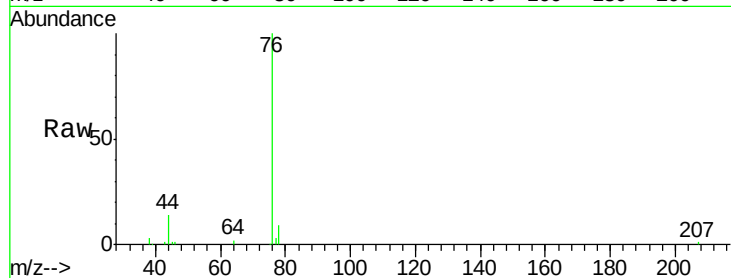
78 9.1 7.8 11.6

Manual Integrations

APPROVED

MMDadoda

6/4/2020 3:08:16 PM



#18

Methyl Acetate

Concen: 18.635 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN061634.D

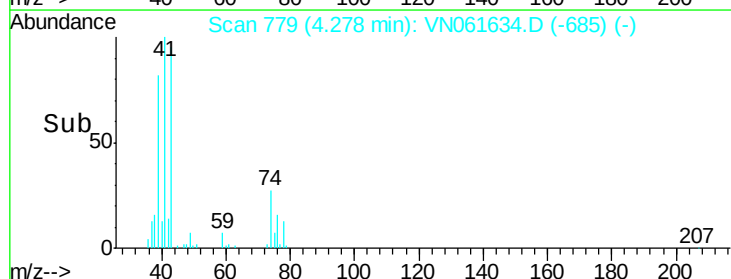
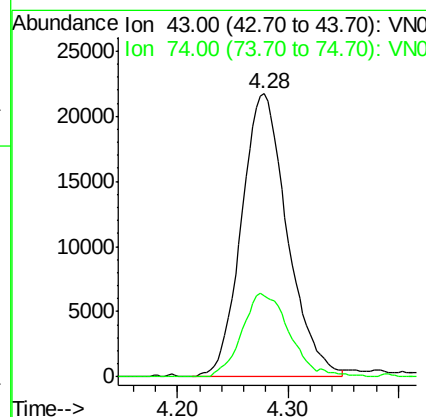
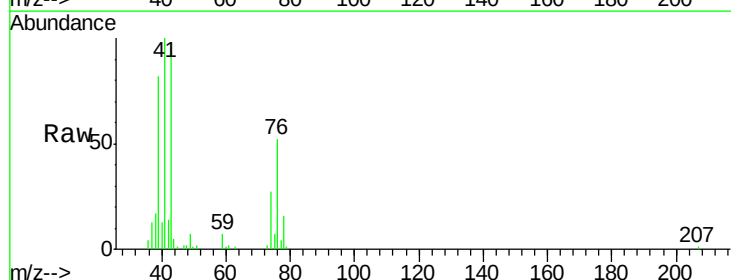
Acq: 3 Jun 2020 13:35

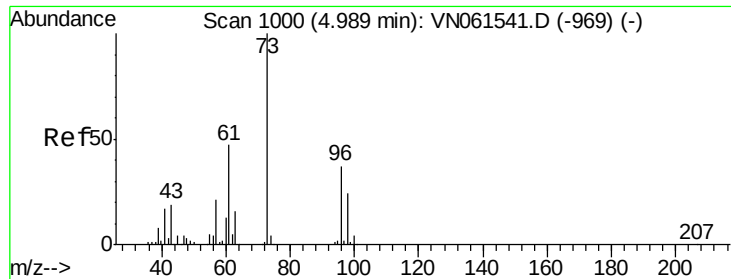
Tgt Ion: 43 Resp: 62591

Ion Ratio Lower Upper

43 100

74 29.5 23.2 34.8





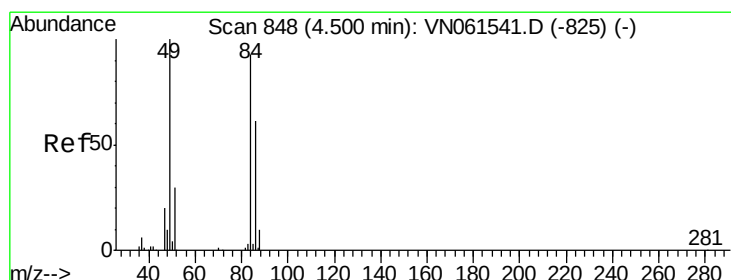
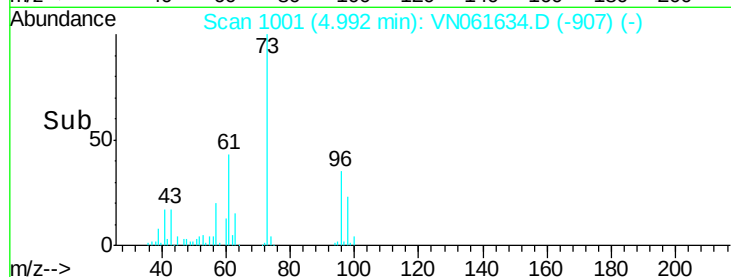
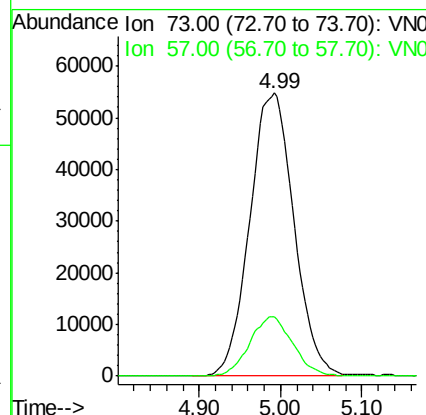
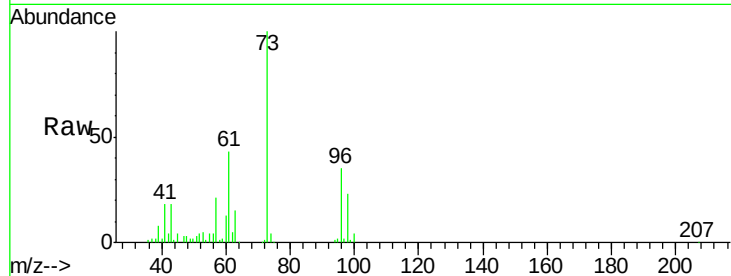
#19
Methvl tert-butvl Ether
Concen: 18.985 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

Tot Ion: 73 Resp: 205894
Ion Ratio Lower Upper
73 100
57 20.8 16.4 24.6

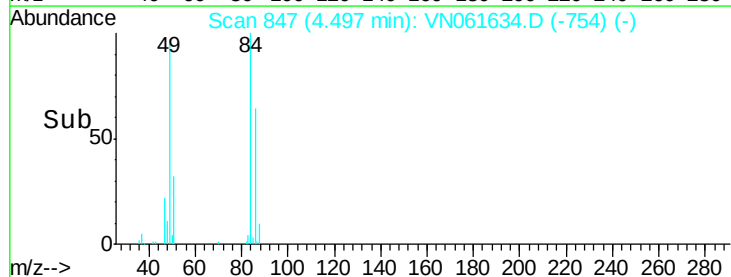
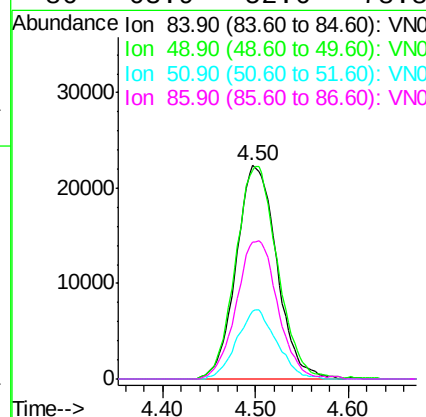
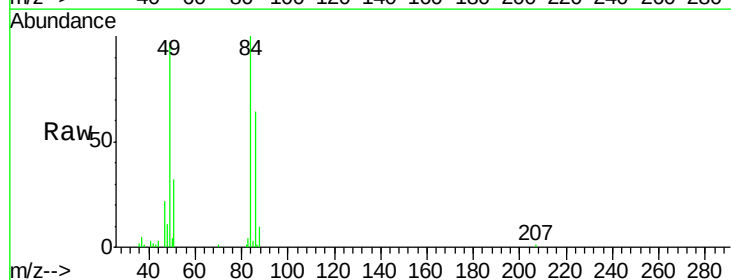
Manual Integrations
APPROVED

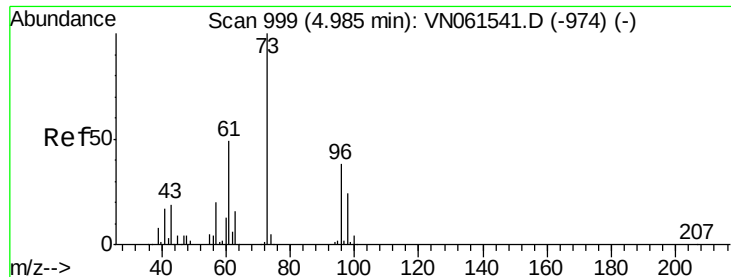
MMDadoda
6/4/2020 3:08:16 PM



#20
Methylene Chloride
Concen: 19.075 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Tgt Ion: 84 Resp: 67957
Ion Ratio Lower Upper
84 100
49 97.4 85.8 128.8
51 31.6 26.2 39.2
86 63.9 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 18.608 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBSD01

Tot Ion: 96 Resp: 66778

Ion Ratio Lower Upper

96 100

61 120.8 101.4 152.0

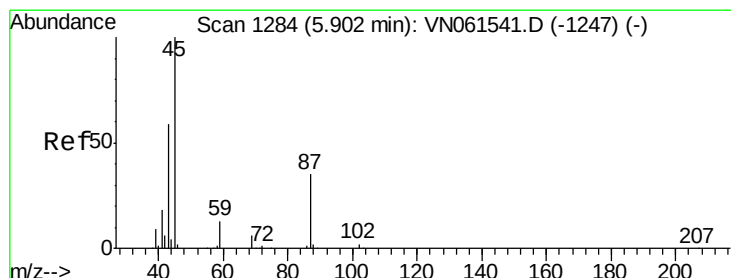
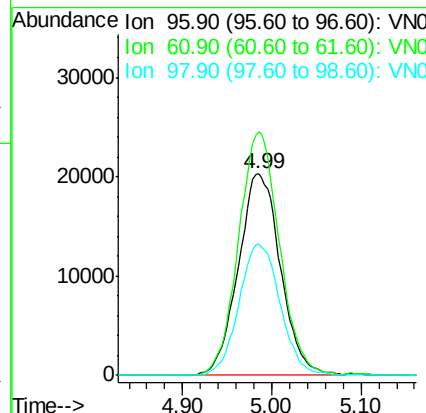
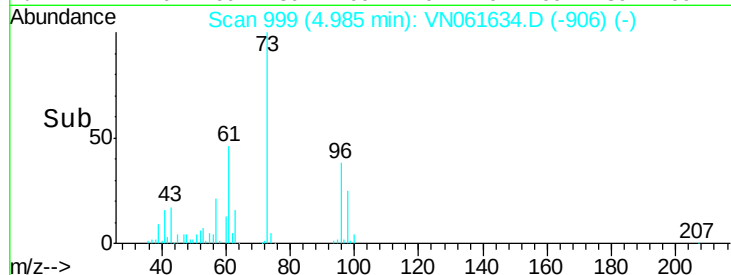
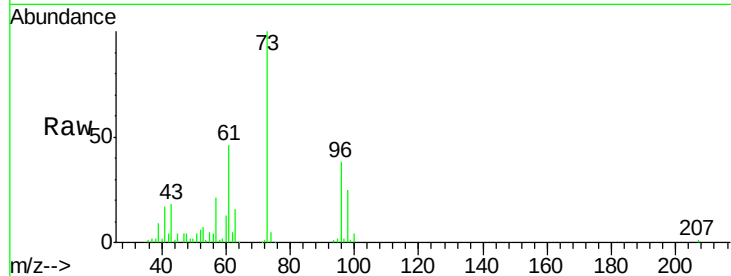
98 65.0 50.6 76.0

Manual Integrations

APPROVED

MMDadoda

6/4/2020 3:08:16 PM



#22

Diisopropyl ether

Concen: 18.906 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Tgt Ion: 45 Resp: 173348

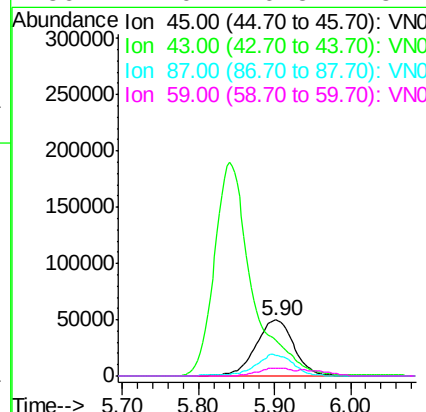
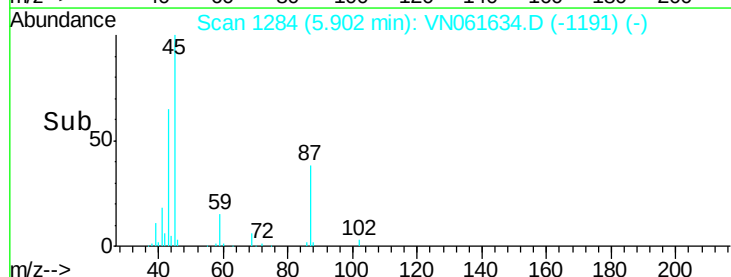
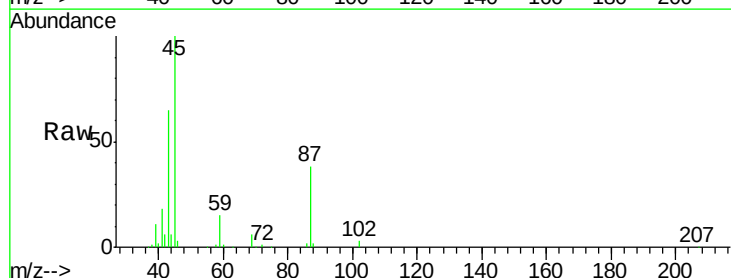
Ion Ratio Lower Upper

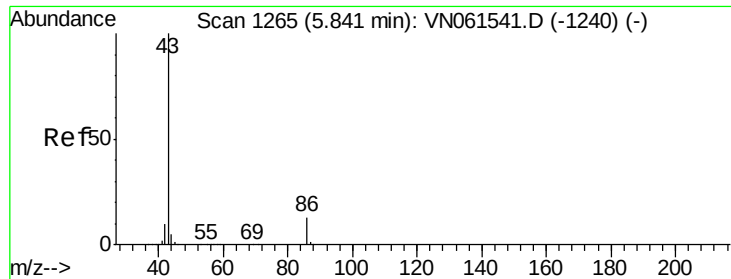
45 100

43 62.5 47.9 71.9

87 37.6 28.4 42.6

59 14.0 10.5 15.7





#23

Vinyl Acetate

Concen: 88.930 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBSD01

Tot Ion: 43 Resp: 649896

Ion Ratio Lower Upper

43 100

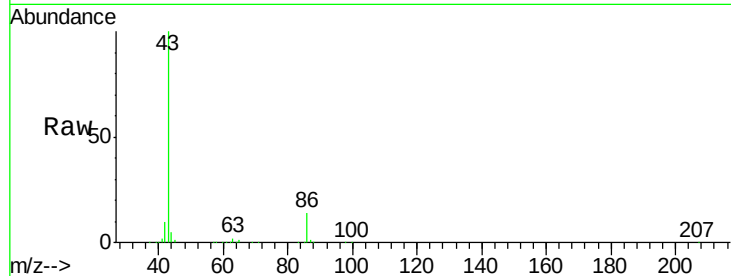
86 13.5 10.6 16.0

Manual Integrations

APPROVED

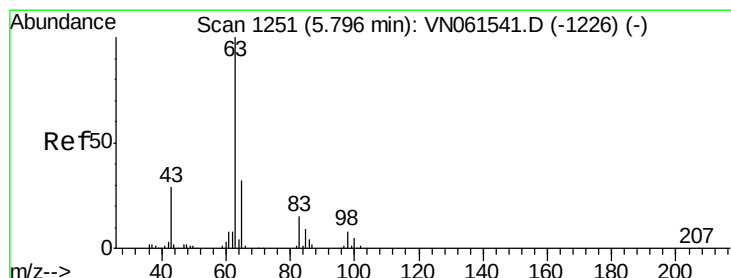
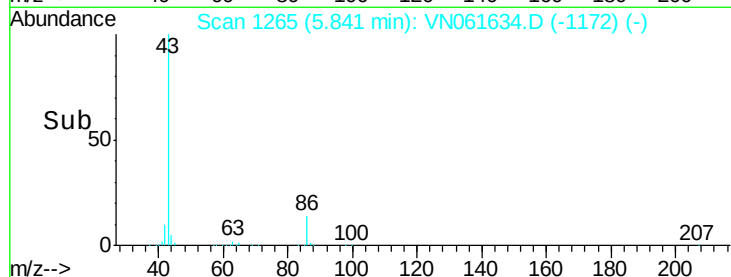
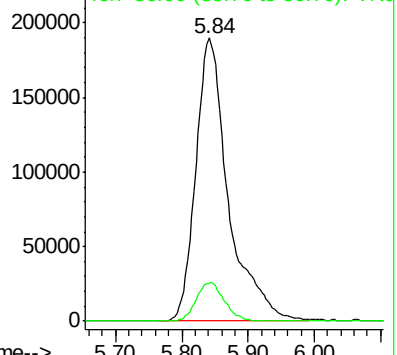
MMDadoda

6/4/2020 3:08:16 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.011 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

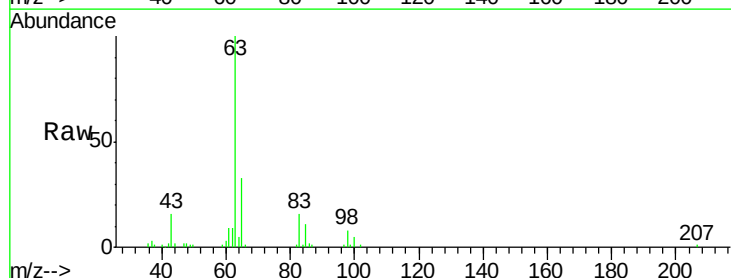
Tgt Ion: 63 Resp: 110538

Ion Ratio Lower Upper

63 100

98 8.3 3.8 11.4

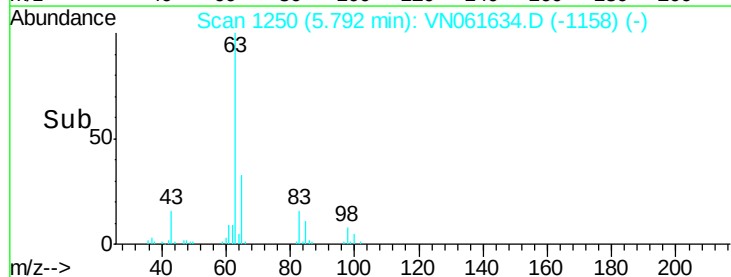
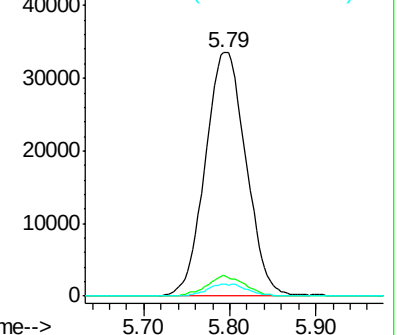
100 5.1 2.5 7.6

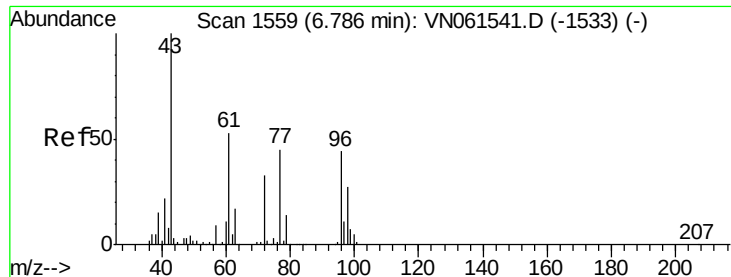


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 91.434 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampled :

VN0603WBSD01

Tot Ion: 43 Resp: 160779

Ion Ratio Lower Upper

43 100

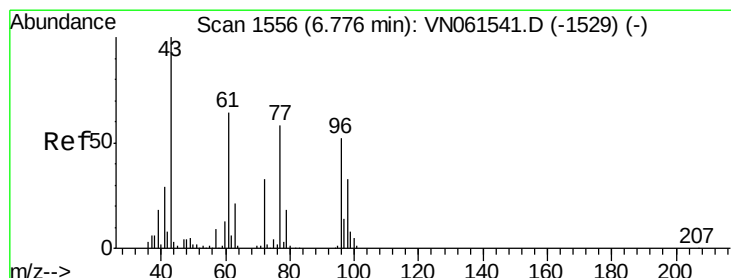
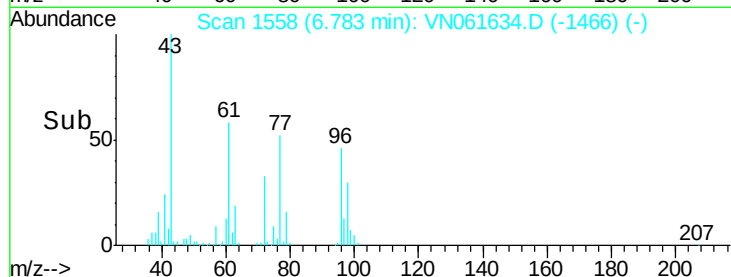
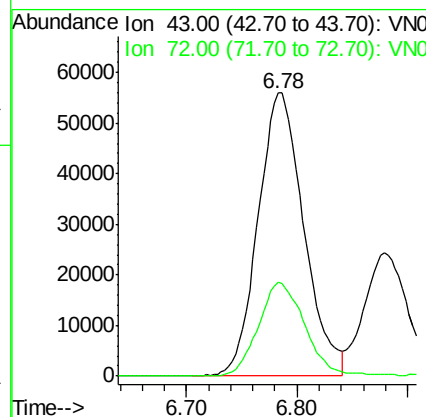
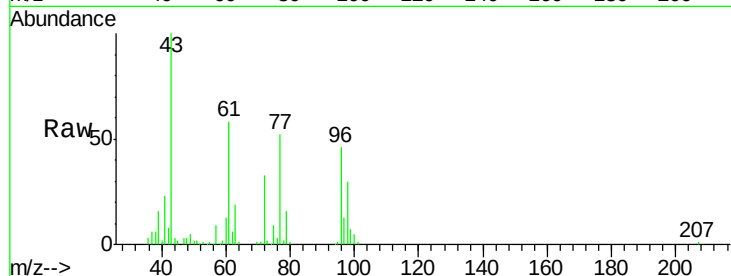
72 33.0 26.0 39.0

Manual Integrations

APPROVED

MMDadoda

6/4/2020 3:08:16 PM



#26

2,2-Dichloropropane

Concen: 19.020 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN061634.D

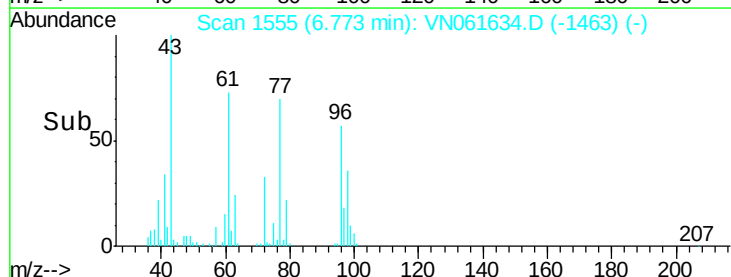
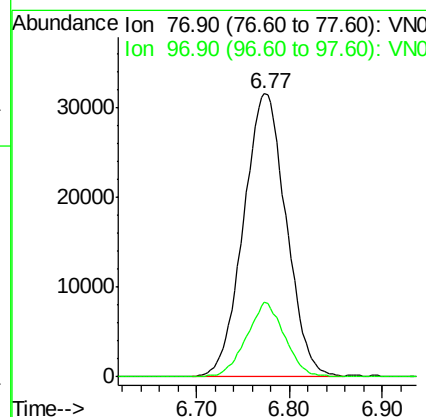
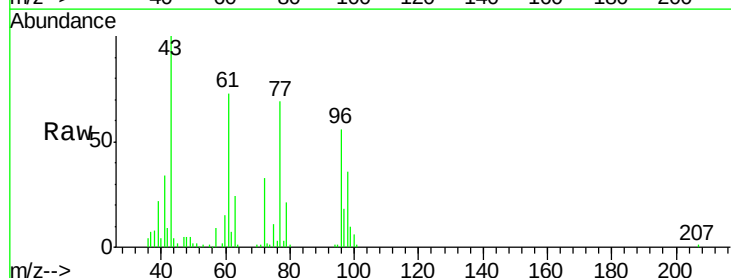
Acq: 3 Jun 2020 13:35

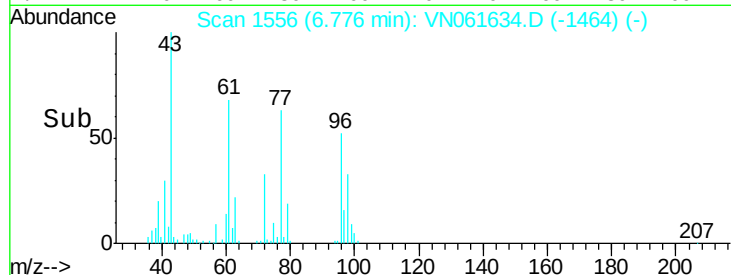
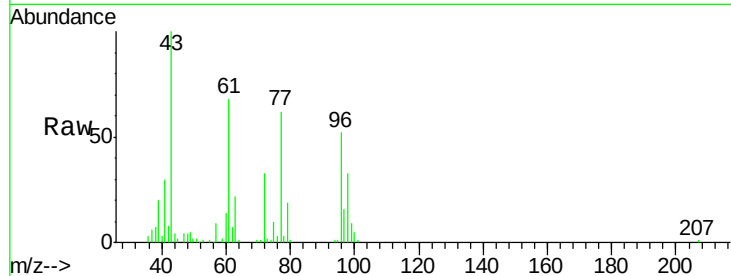
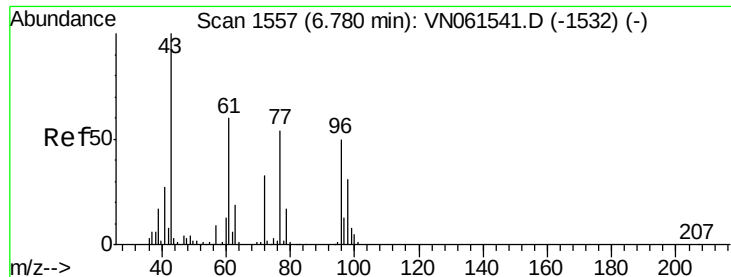
Tgt Ion: 77 Resp: 101215

Ion Ratio Lower Upper

77 100

97 23.6 12.0 36.0





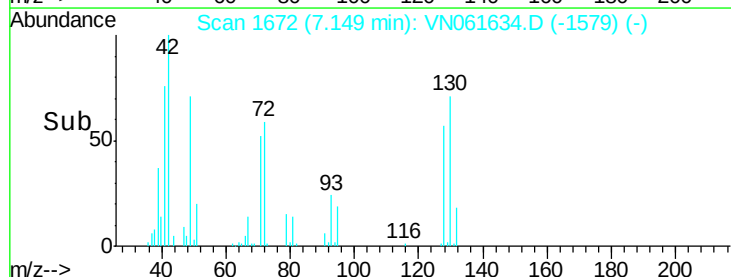
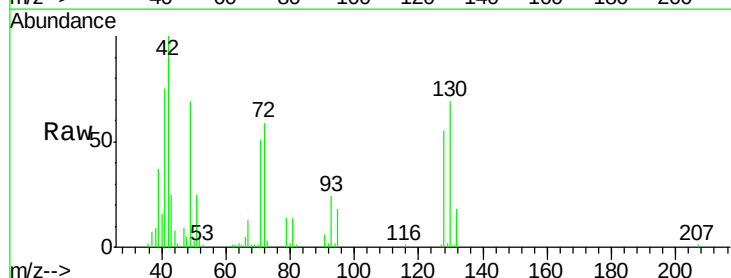
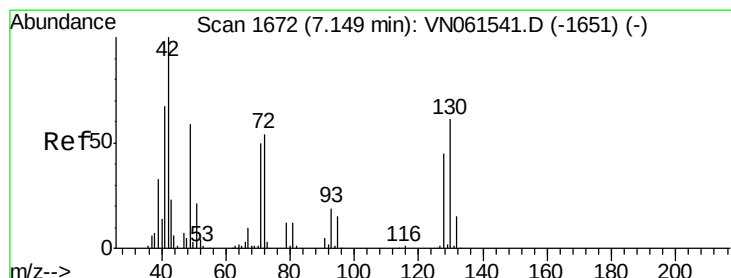
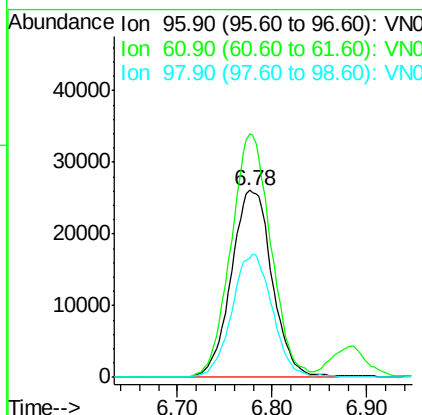
#27
 cis-1,2-Dichloroethene
 Concen: 19.345 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.9	0.0	252.2
98	64.6	0.0	129.2

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBSD01

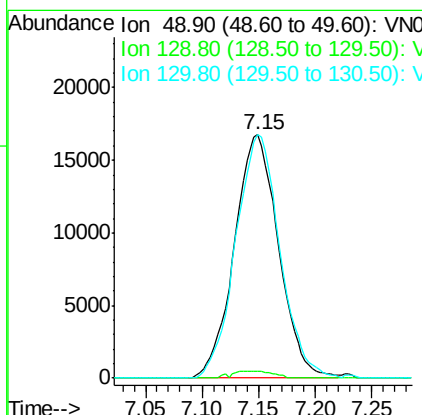
Manual Integrations
 APPROVED

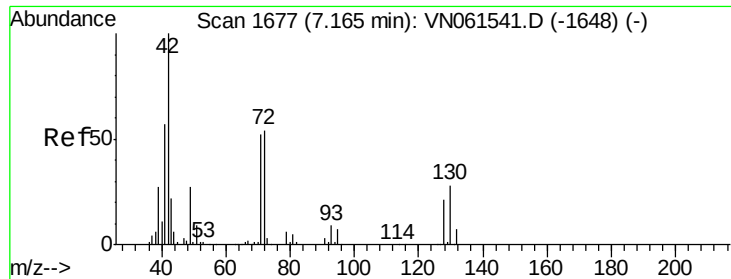
MMDadoda
 6/4/2020 3:08:16 PM



#28
 Bromochloromethane
 Concen: 20.044 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	100.0	78.8	118.2





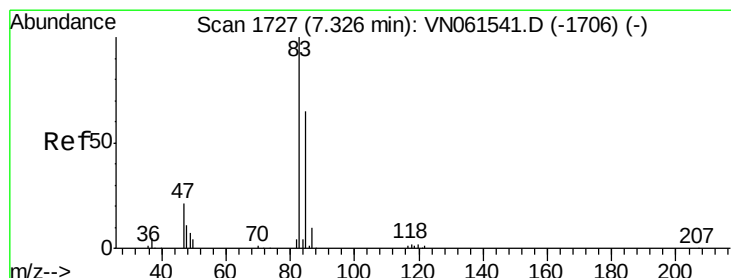
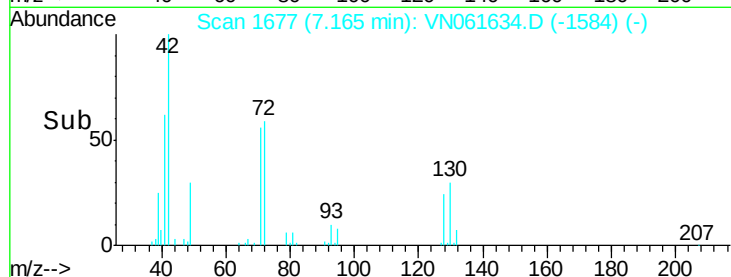
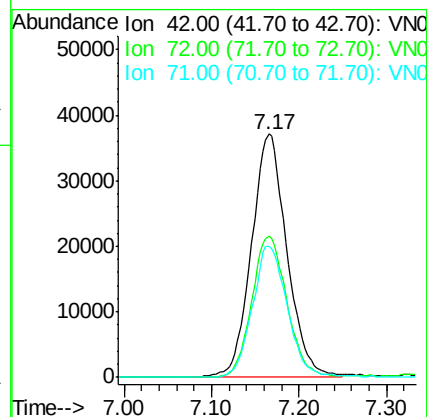
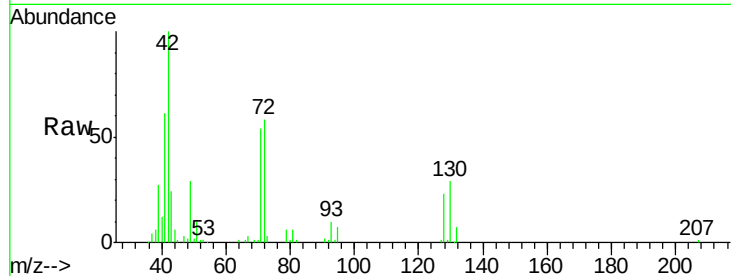
#29
Tetrahydrofuran
Concen: 90.193 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	57.5	43.6	65.4
71	52.8	41.2	61.8

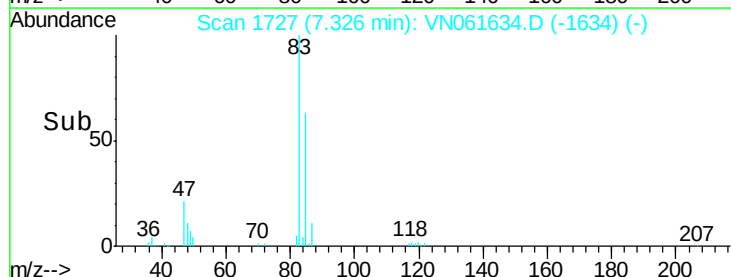
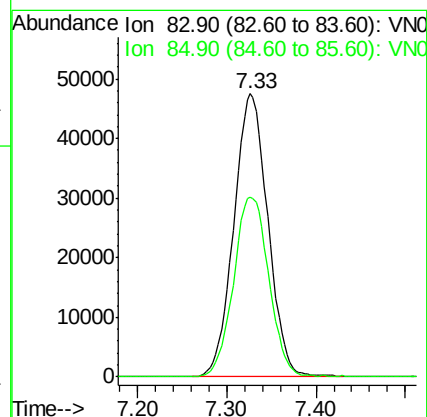
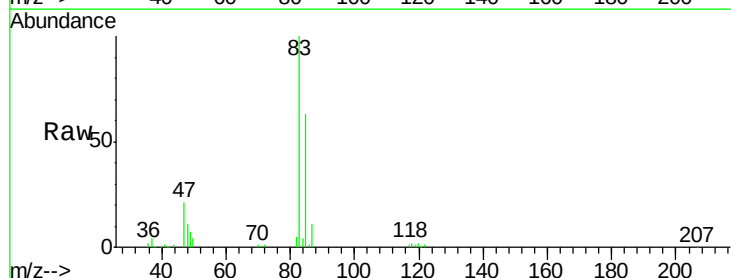
Manual Integrations
APPROVED

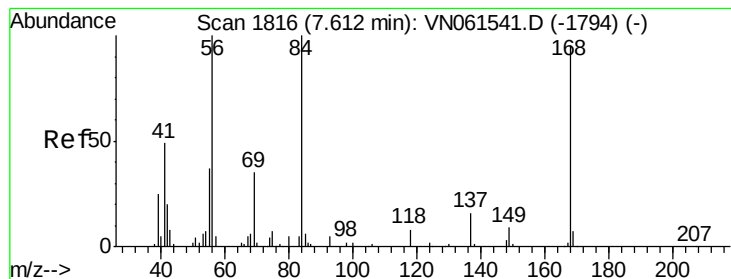
MMDadoda
6/4/2020 3:08:16 PM



#30
Chloroform
Concen: 19.493 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.7	77.5





#31

Cyclohexane

Concen: 18.117 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

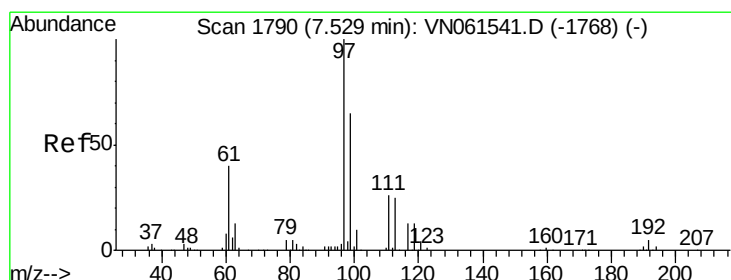
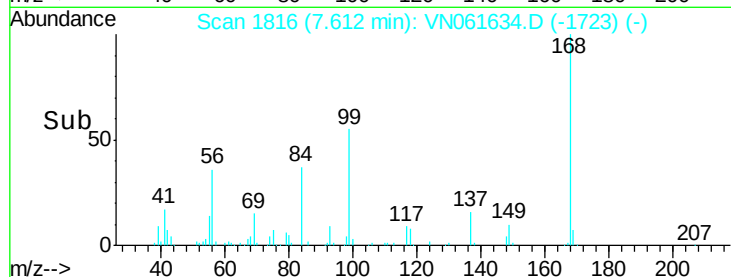
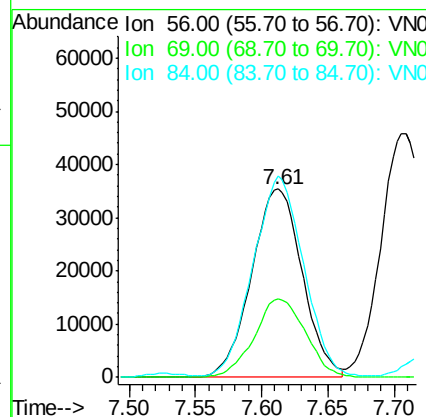
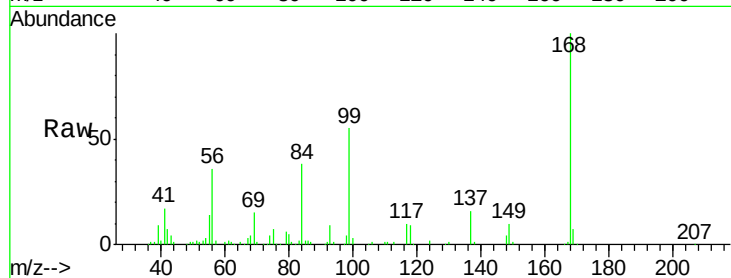
ClientSampleId :

VN0603WBSD01

Tot Ion:	56	Resp:	94737
Ion	Ratio	Lower	Upper
56	100		
69	41.6	27.8	41.8
84	106.1	79.9	119.9

Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:08:16 PM



#32

1,1,1-Trichloroethane

Concen: 18.927 ug/l

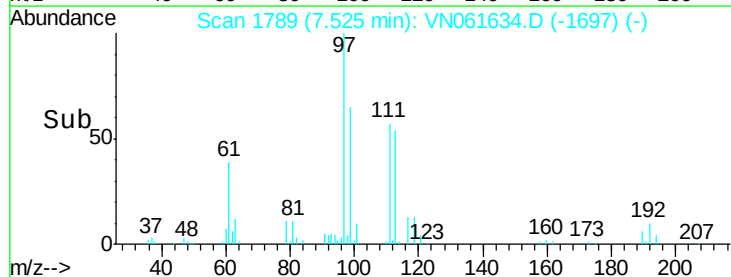
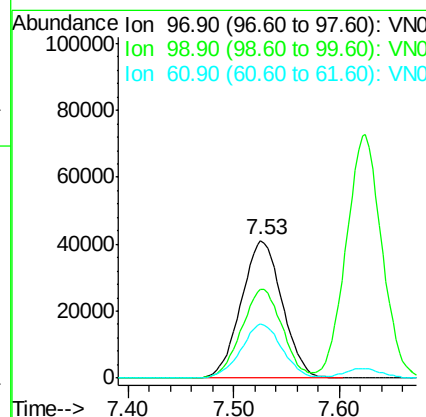
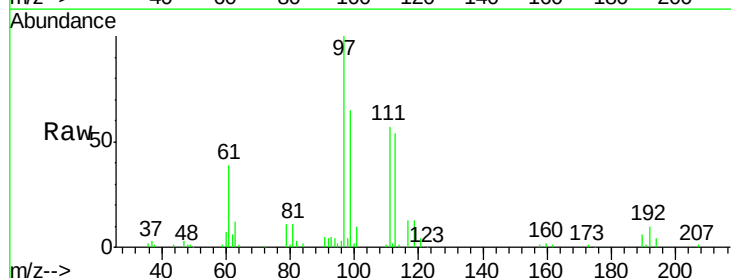
RT: 7.53 min Scan# 1789

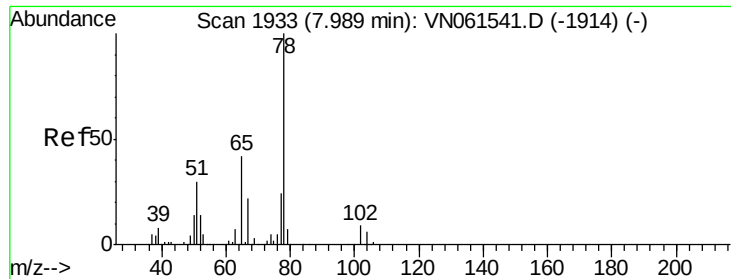
Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Tgt Ion:	97	Resp:	110934
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.0
61	39.2	31.4	47.0





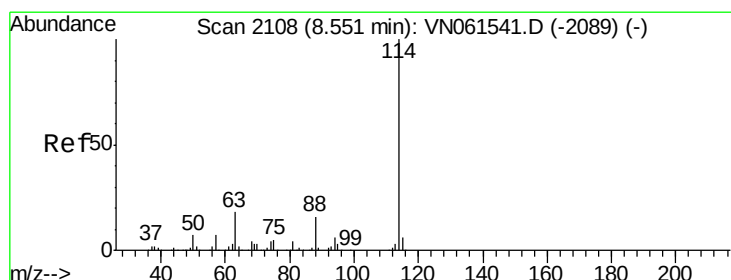
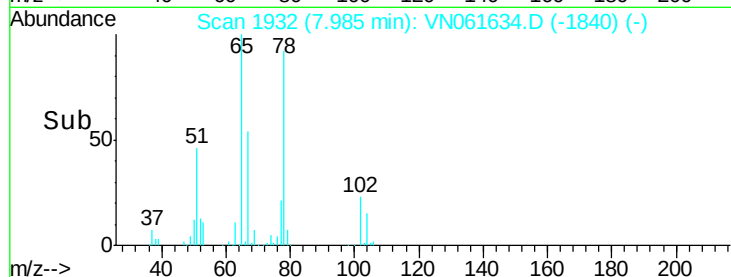
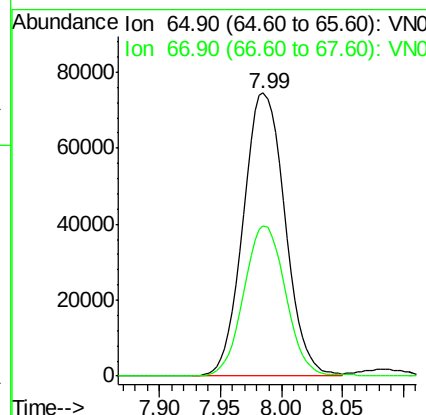
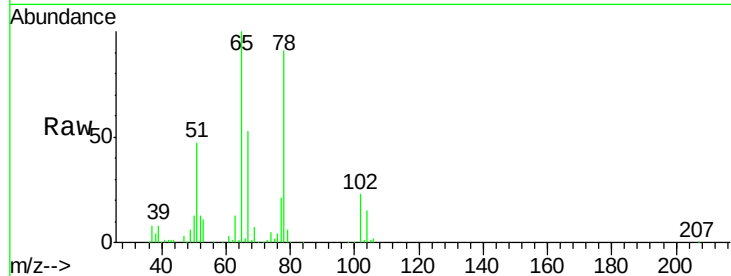
#33
 1,2-Dichloroethane-d4
 Concen: 47.826 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	177450		
67	52.6	0.0	104.8	

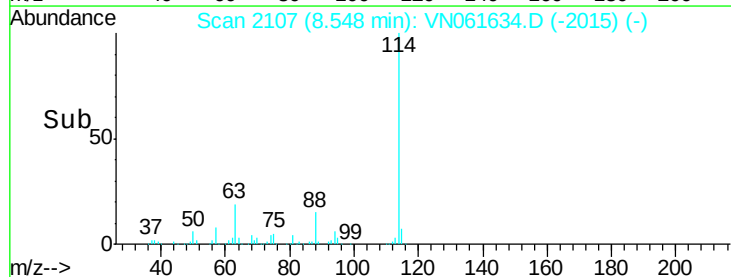
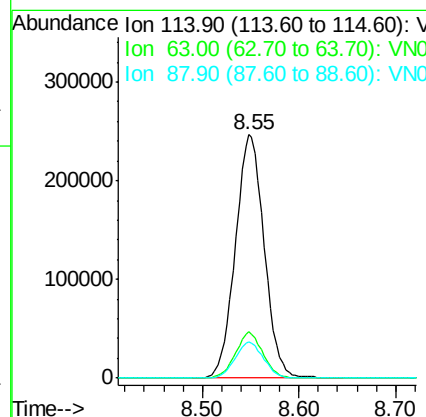
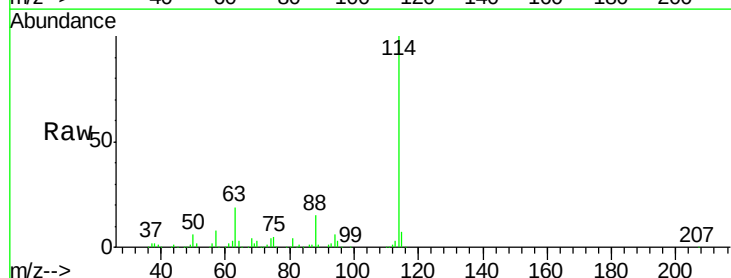
Manual Integrations
 APPROVED

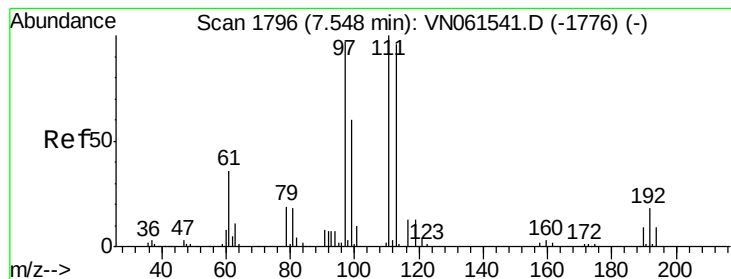
MMDadoda
 6/4/2020 3:08:16 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	509406		
63	18.8	0.0	35.8	
88	15.1	0.0	31.0	





#35

Dibromofluoromethane

Concen: 52.198 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

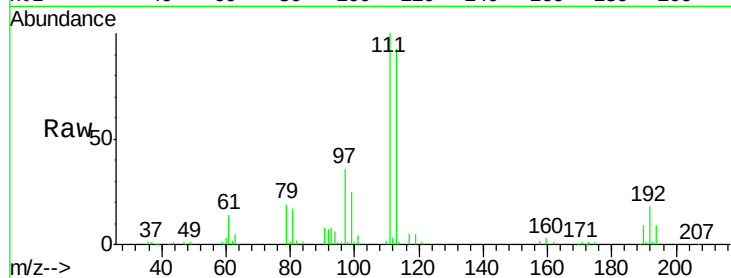
ClientSampled :

VN0603WBSD01

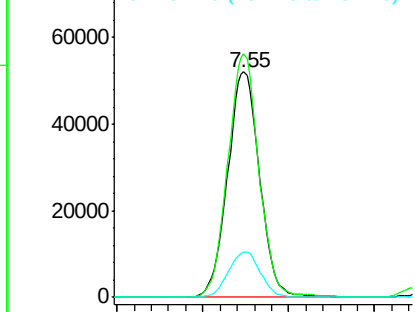
Tot Ion:	113	Resp:	134887
Ion Ratio	Lower	Upper	
113	100		
111	103.8	83.4	125.0
192	20.0	15.4	23.2

Manual Integrations
APPROVED

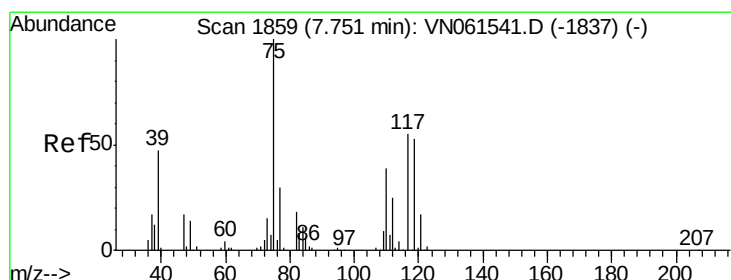
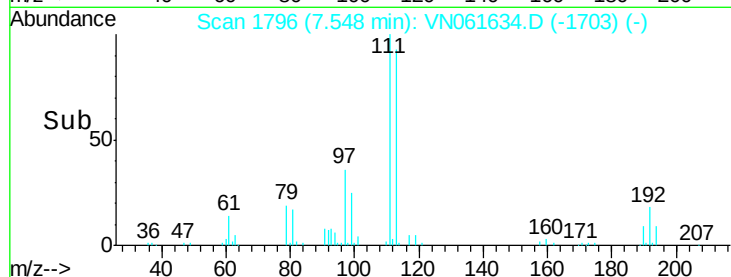
MMDadoda
6/4/2020 3:08:16 PM



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



Time-->



#36

1,1-Dichloropropene

Concen: 19.718 ug/l

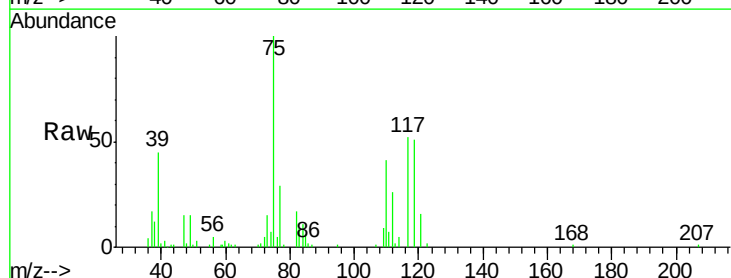
RT: 7.75 min Scan# 1859

Delta R.T. -0.00 min

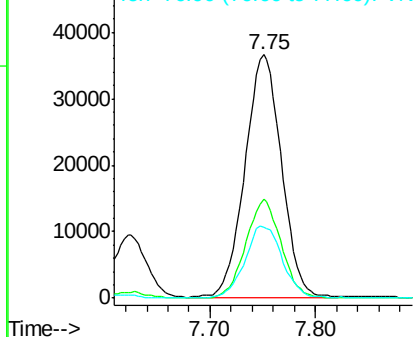
Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

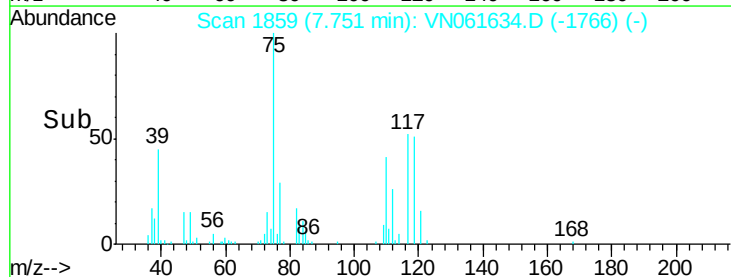
Tgt Ion:	75	Resp:	88918
Ion Ratio	Lower	Upper	
75	100		
110	38.9	19.5	58.5
77	30.2	24.7	37.1

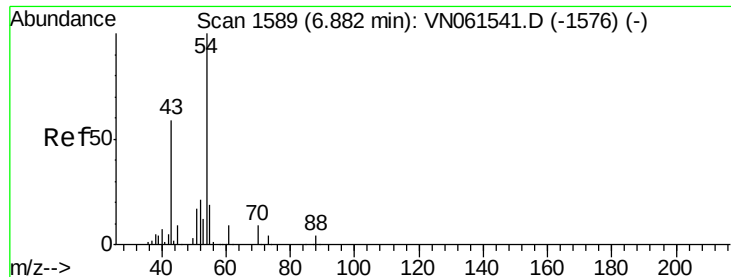


Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V



Time-->





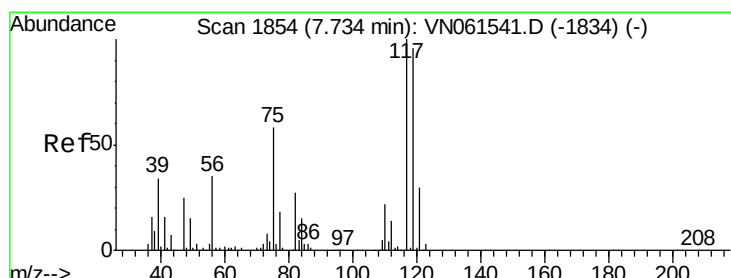
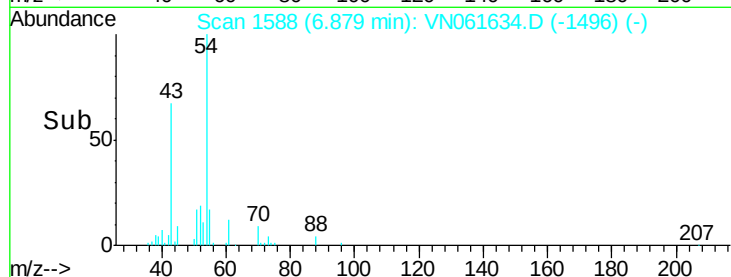
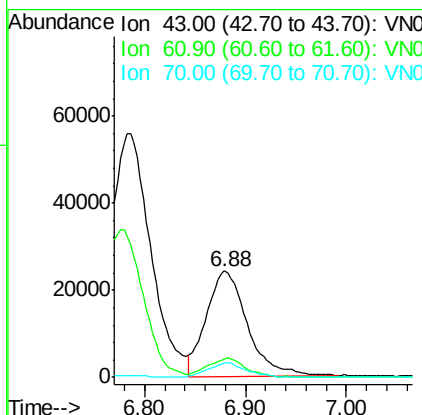
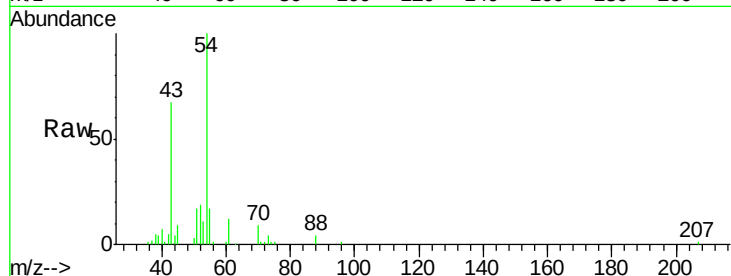
#37
Ethyl Acetate
Concen: 18.688 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Instrument :
MSVOA_N
ClientSampled :
VN0603WBSD01

Tot Ion	43	Ratio	Lower	Upper
43	100			
61	15.7	12.2	18.4	
70	12.9	9.4	14.2	

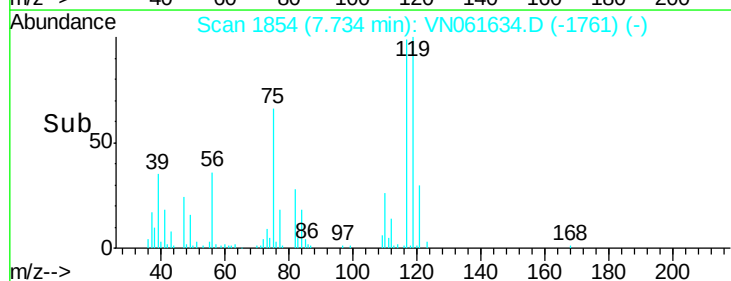
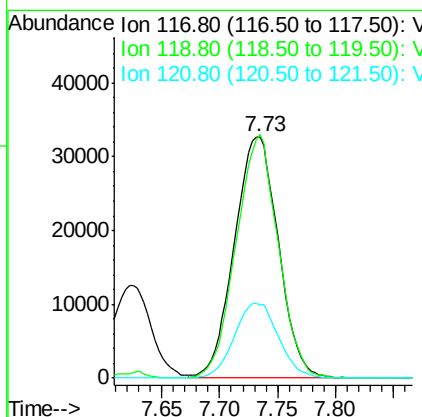
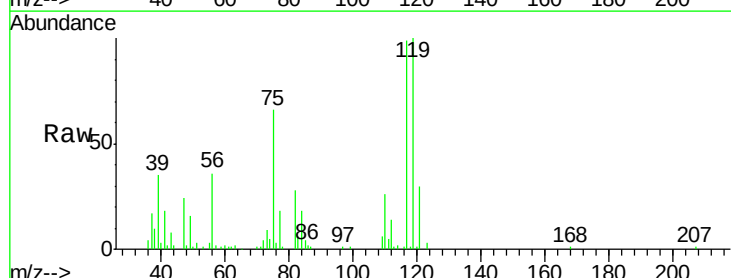
Manual Integrations
APPROVED

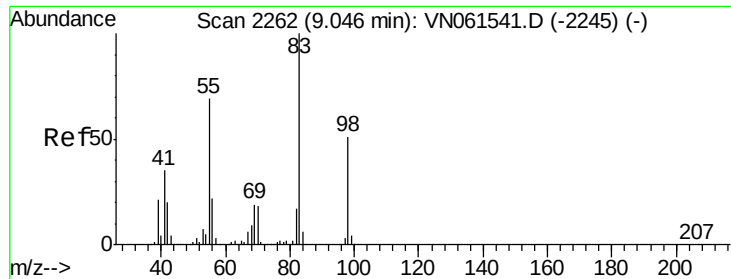
MMDadoda
6/4/2020 3:08:16 PM



#38
Carbon Tetrachloride
Concen: 19.884 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Tgt Ion	117	Ratio	Lower	Upper
117	100			
119	101.0	76.5	114.7	
121	30.6	24.1	36.1	





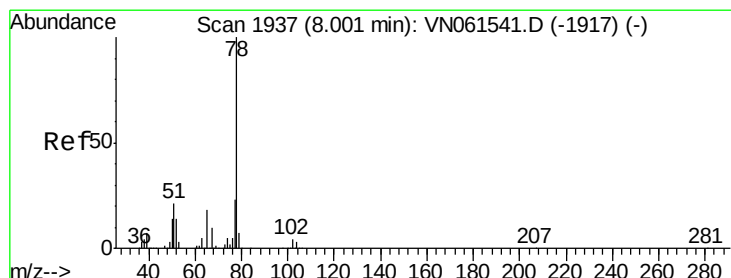
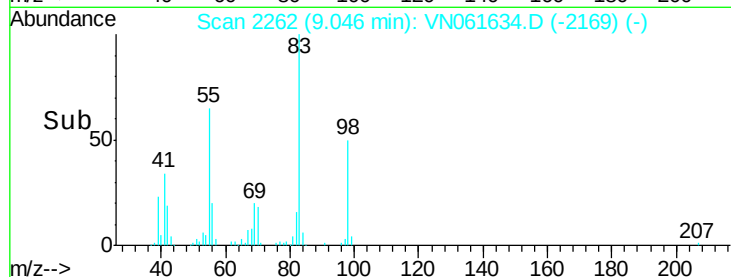
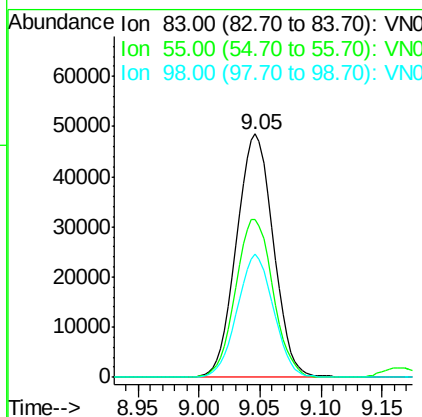
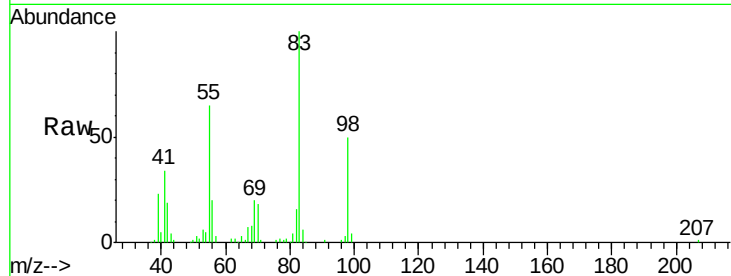
#39
Methylvlcyclohexane
Concen: 18.270 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

Tot Ion	83	Resp	101549
Ion Ratio	Lower	Upper	
83	100		
55	64.9	54.9	82.3
98	50.4	41.0	61.4

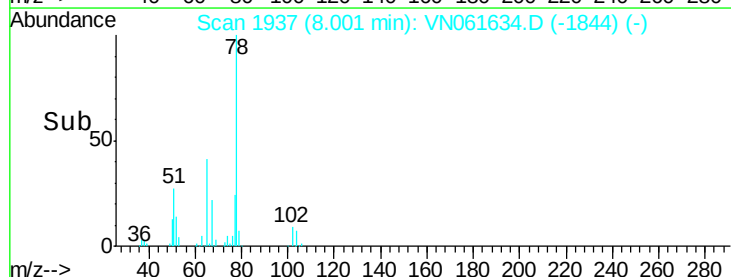
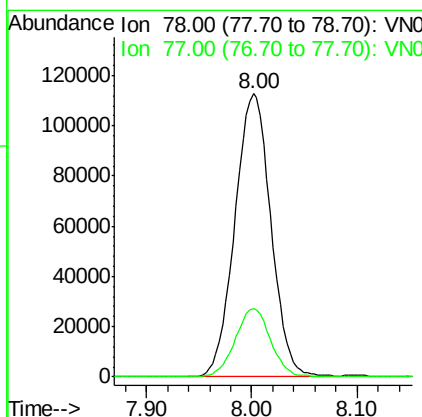
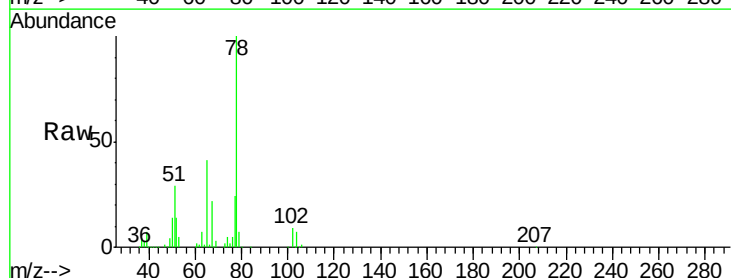
Manual Integrations
APPROVED

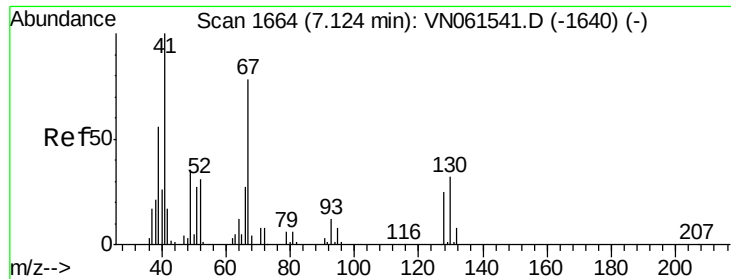
MMDadoda
6/4/2020 3:08:16 PM



#40
Benzene
Concen: 19.245 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Tgt Ion	78	Resp	267771
Ion Ratio	Lower	Upper	
78	100		
77	24.2	18.6	28.0





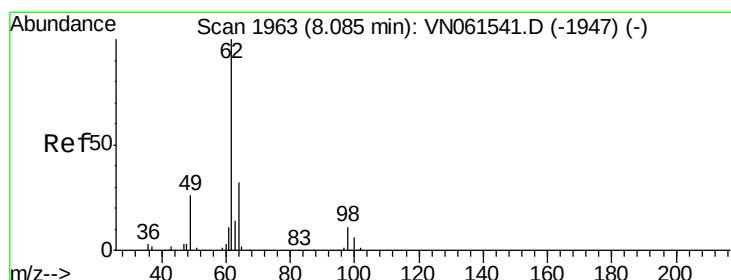
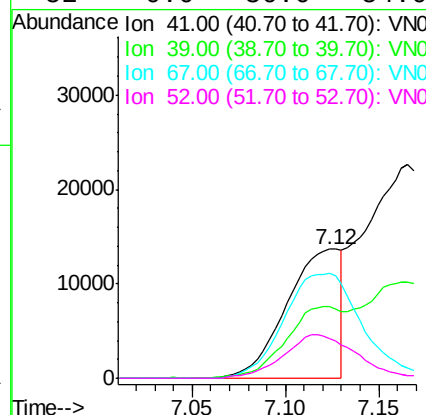
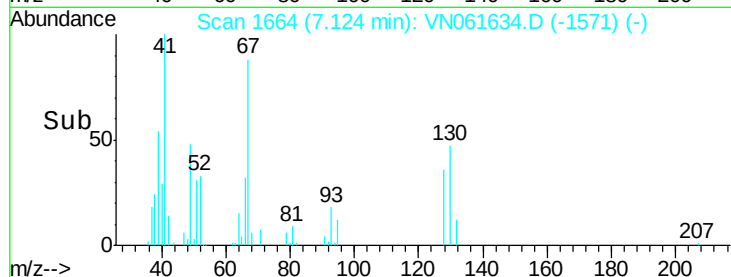
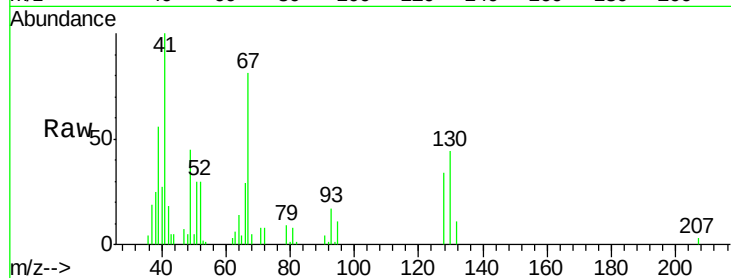
#41
Methacrylonitrile
Concen: 16.795 ug/l m
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.8	80.6#
67	0.0	91.1	136.7#
52	0.0	36.0	54.0#

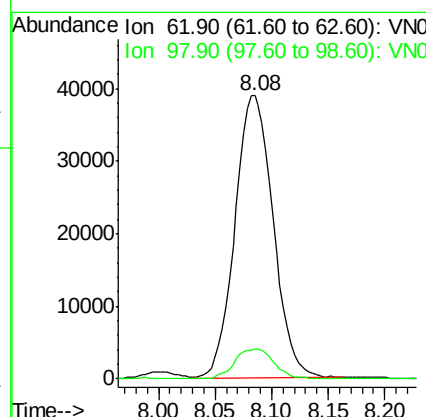
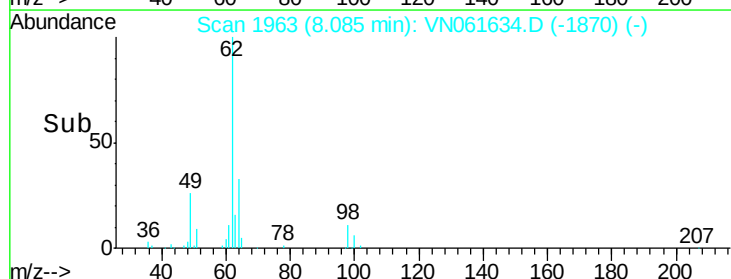
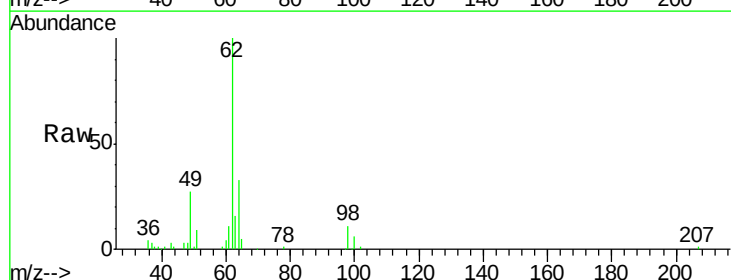
Manual Integrations
APPROVED

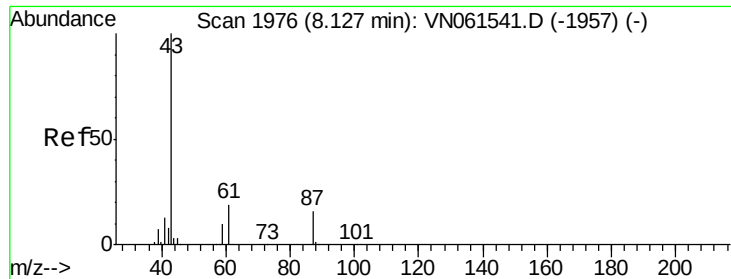
MMDadoda
6/4/2020 3:08:16 PM



#42
1,2-Dichloroethane
Concen: 19.704 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.4





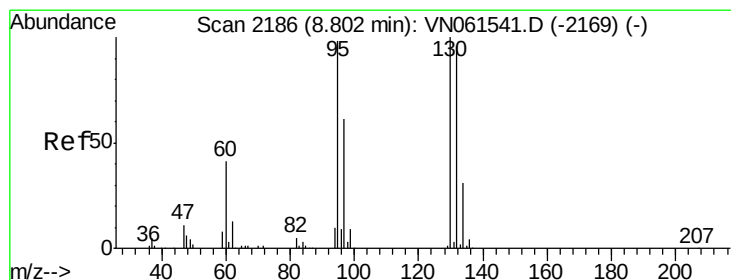
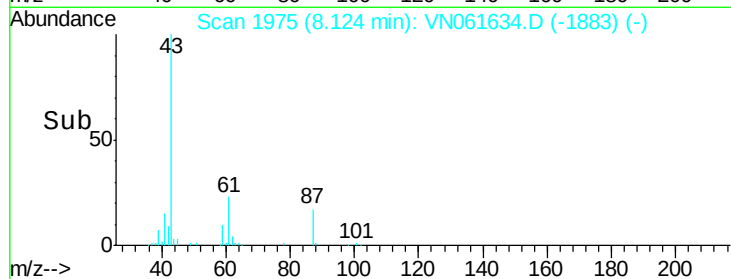
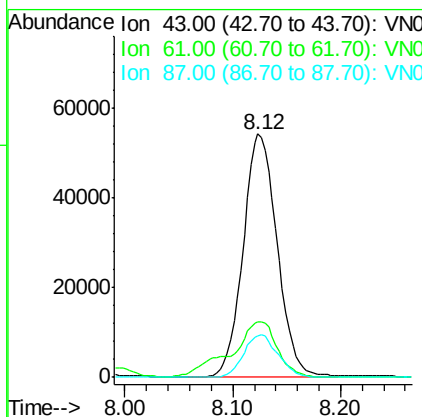
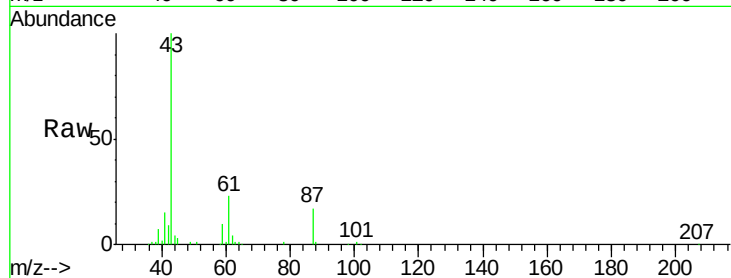
#43
Isopropyl Acetate
Concen: 18.272 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.2	23.6	35.4
87	17.5	13.0	19.6

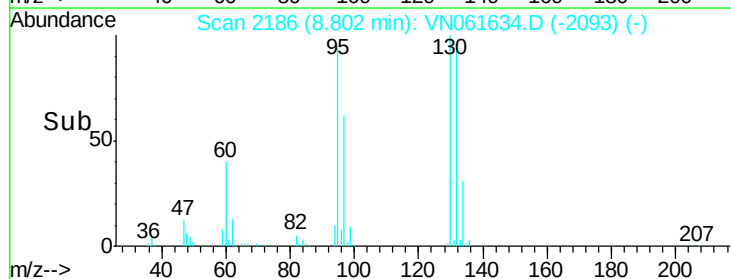
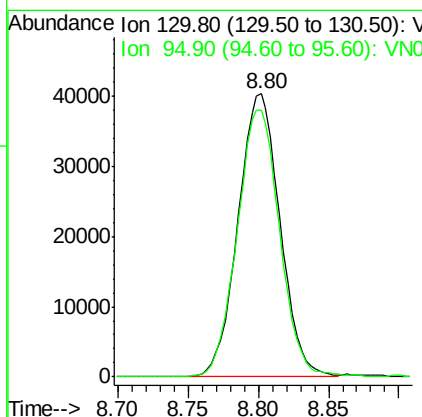
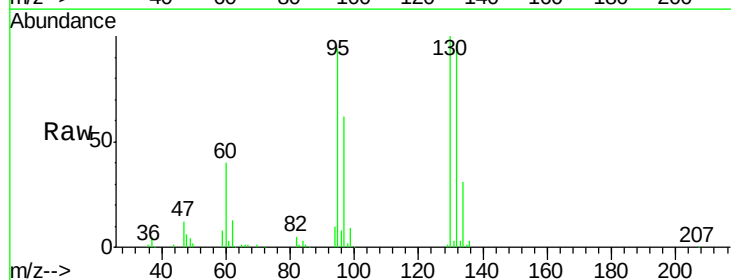
Manual Integrations
APPROVED

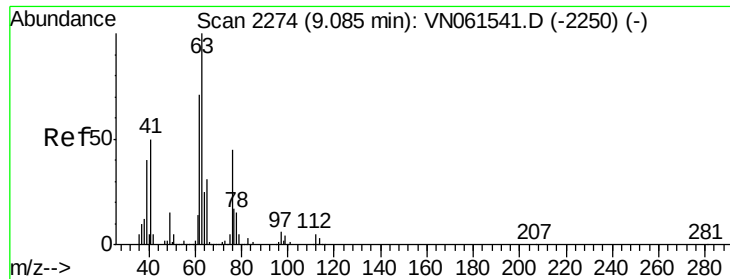
MMDadoda
6/4/2020 3:08:16 PM



#44
Trichloroethene
Concen: 19.624 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	196.6





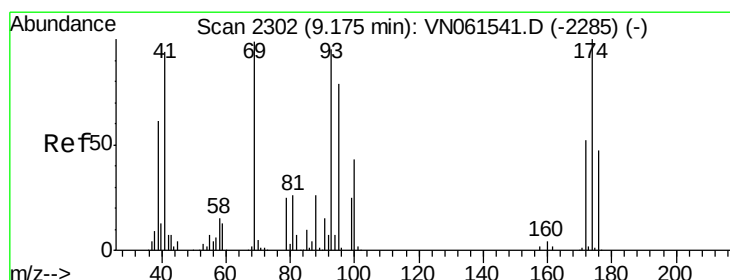
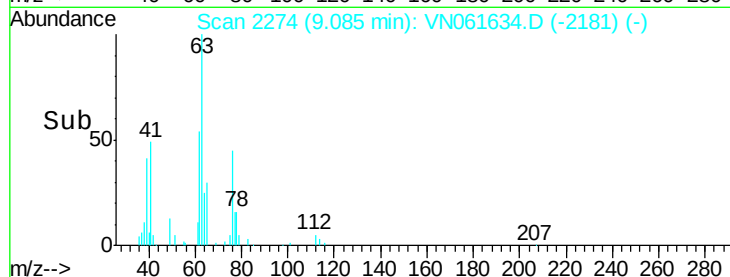
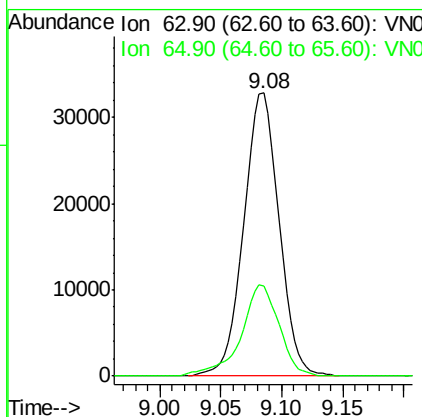
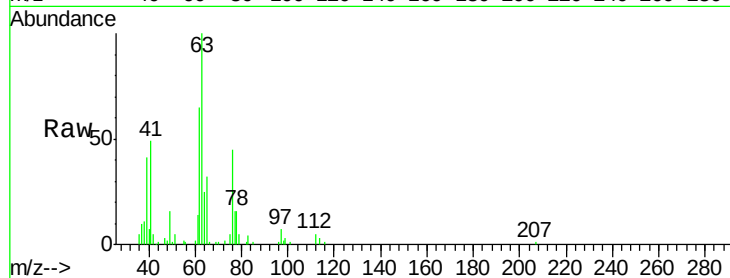
#45
 1,2-Dichloropropane
 Concen: 19.837 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Instrument :
 MSVOA_N
 ClientSampled :
 VN0603WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	24.7	37.1

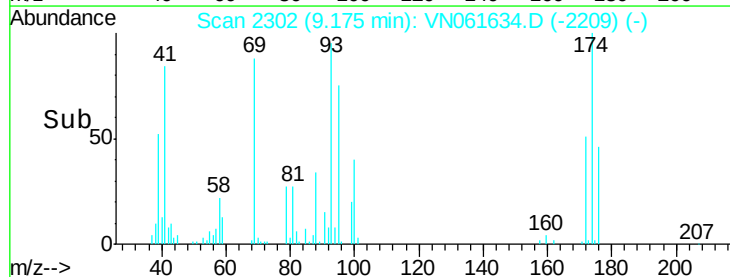
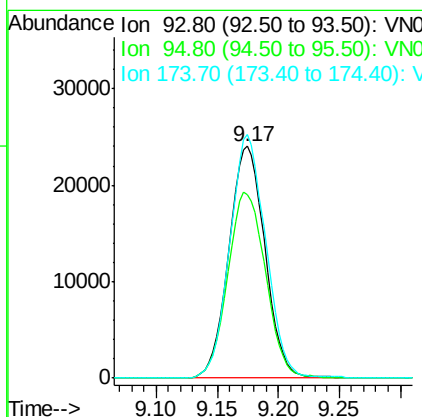
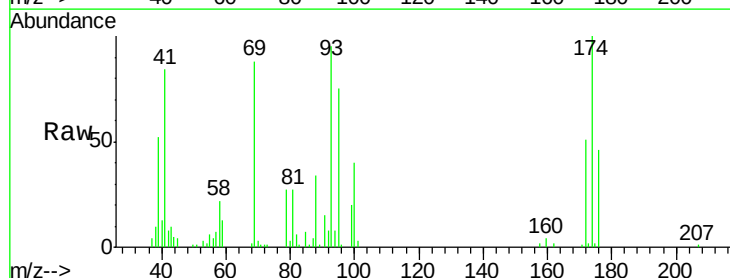
Manual Integrations
 APPROVED

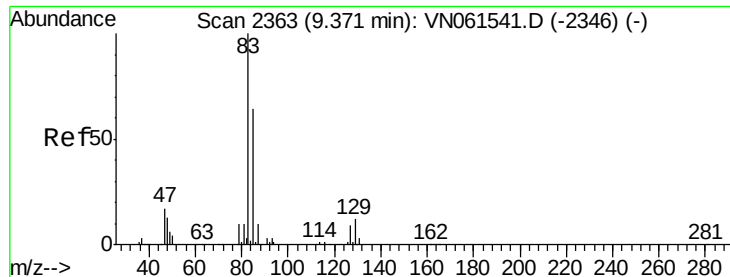
MMDadoda
 6/4/2020 3:08:16 PM



#46
 Dibromomethane
 Concen: 19.537 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	66.0	99.0
174	104.2	82.5	123.7





#47

Bromodichloromethane

Concen: 19.529 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

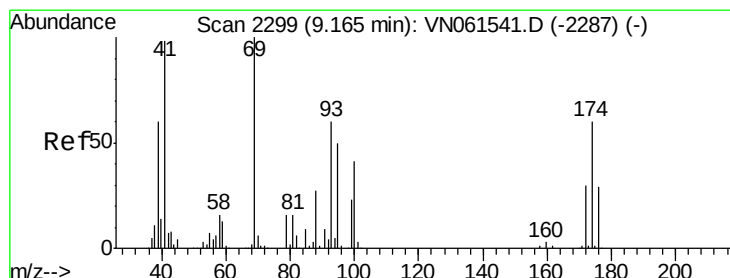
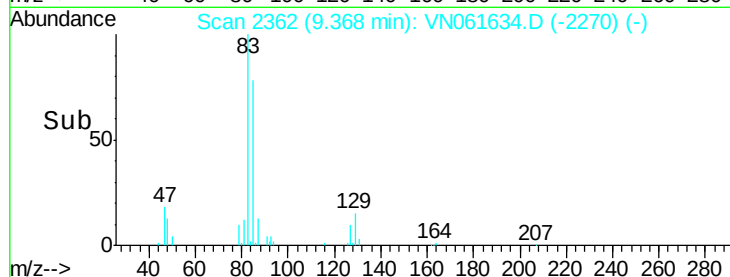
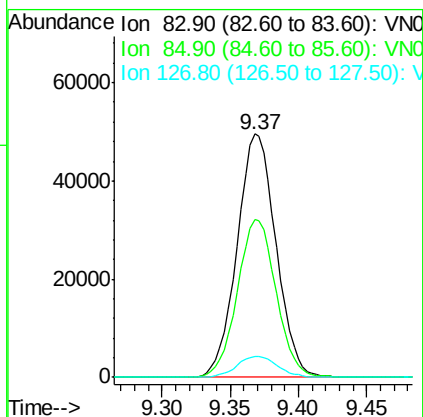
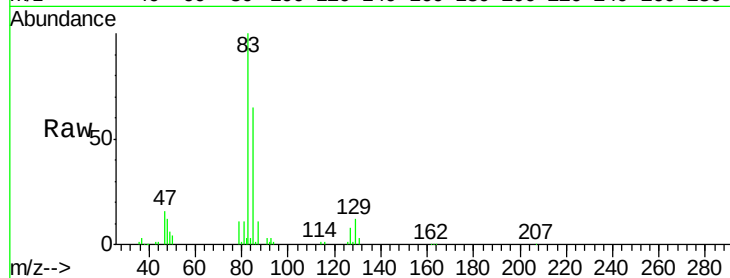
ClientSampleId :

VN0603WBSD01

Tot Ion:	83	Resp:	98041
Ion Ratio	Lower	Upper	
83	100		
85	64.7	51.1	76.7
127	8.5	7.2	10.8

Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:08:16 PM



#48

Methyl methacrylate

Concen: 17.034 ug/l

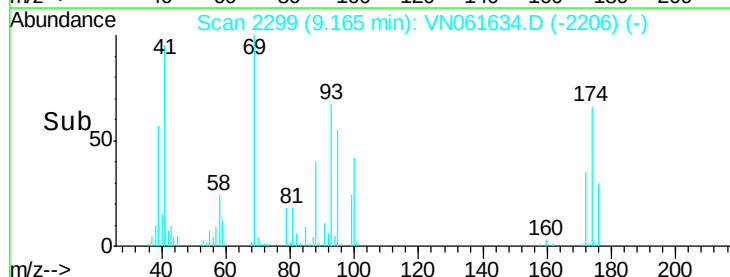
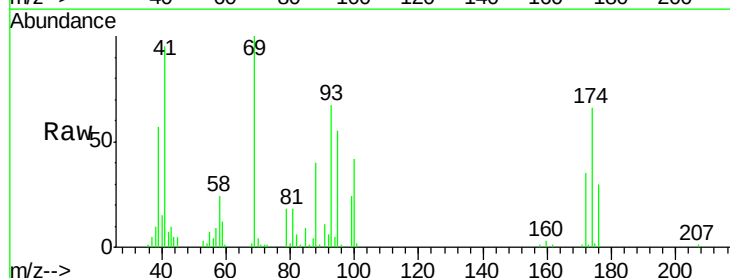
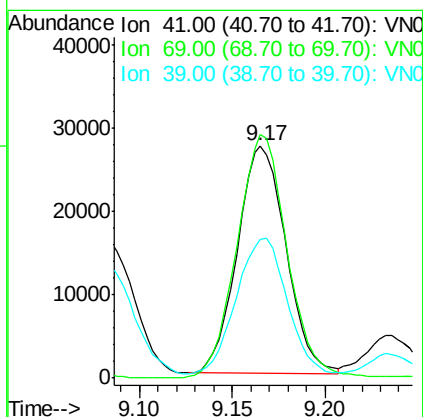
RT: 9.17 min Scan# 2299

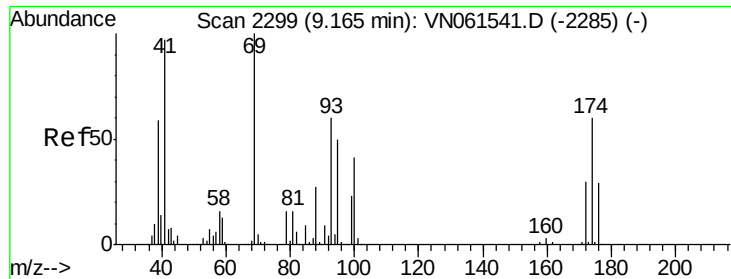
Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Tgt Ion:	41	Resp:	50080
Ion Ratio	Lower	Upper	
41	100		
69	110.5	83.9	125.9
39	64.7	52.1	78.1





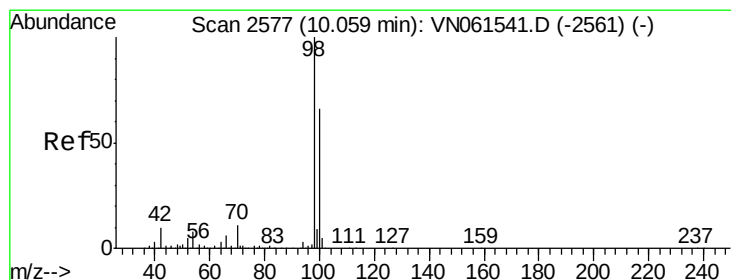
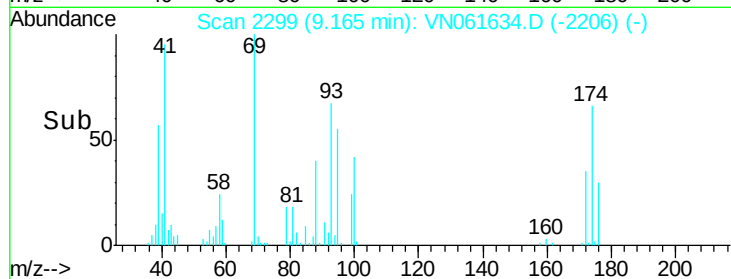
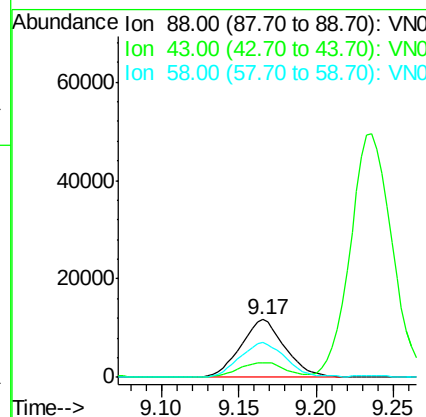
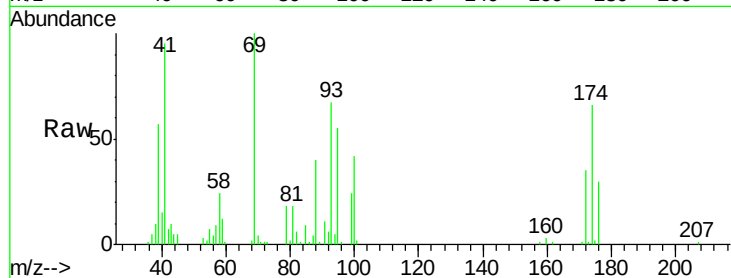
#49
1,4-Dioxane
Concen: 512.797 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
88	100	23356		
43	27.1		23.1	34.7
58	62.8		48.3	72.5

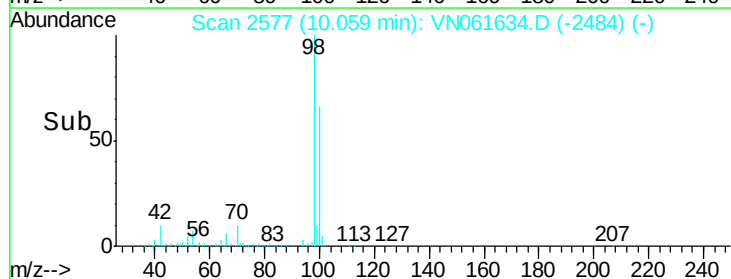
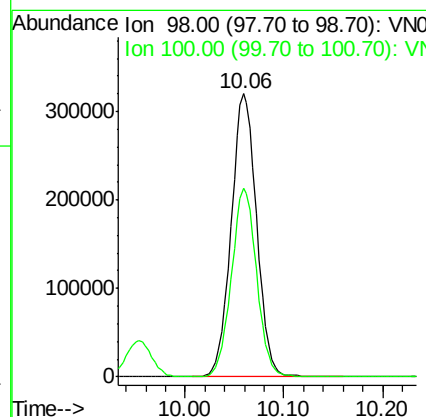
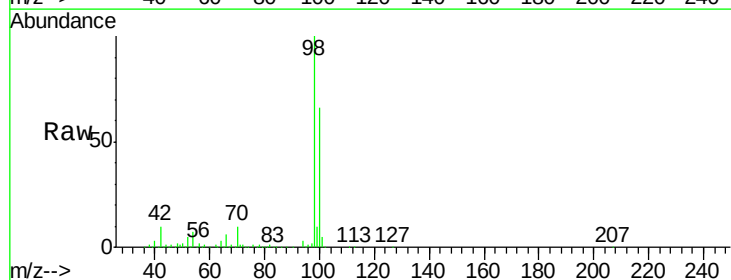
Manual Integrations
APPROVED

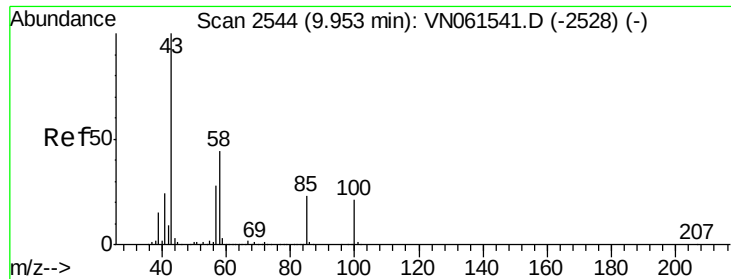
MMDadoda
6/4/2020 3:08:16 PM



#50
Toluene-d8
Concen: 48.276 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	578108		
100	65.7		52.8	79.2





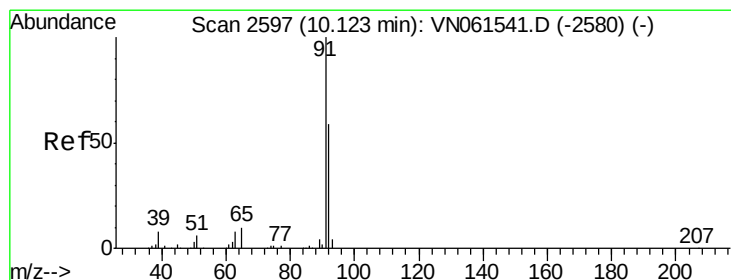
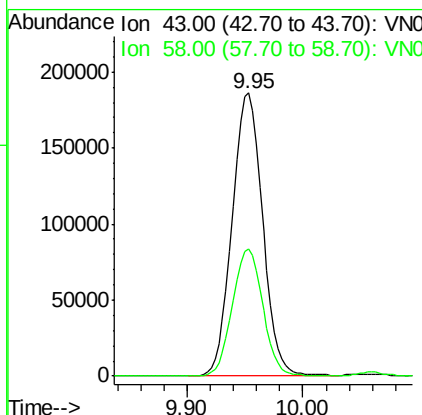
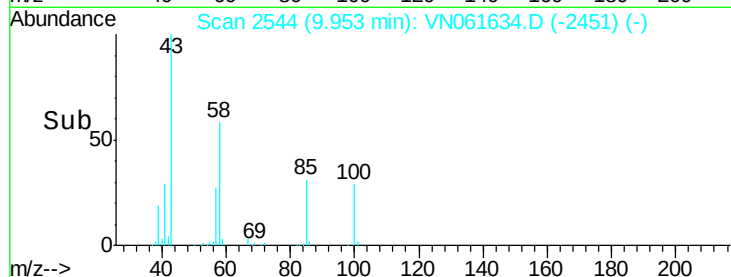
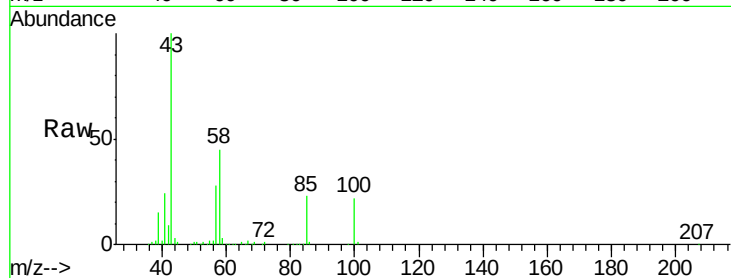
#51
 4-Methyl-2-Pentanone
 Concen: 92.163 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Instrument :
 MSVOA_N
 ClientSampled :
 VN0603WBSD01

Tot Ion: 43 Resp: 339385
 Ion Ratio Lower Upper
 43 100
 58 44.7 35.0 52.6

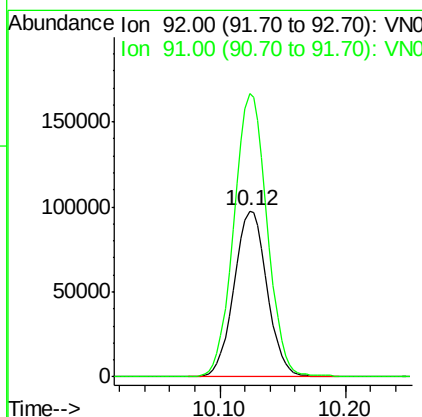
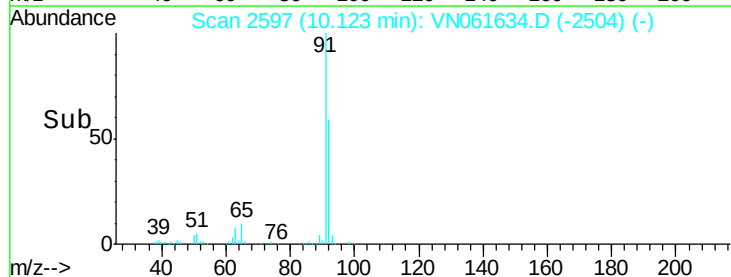
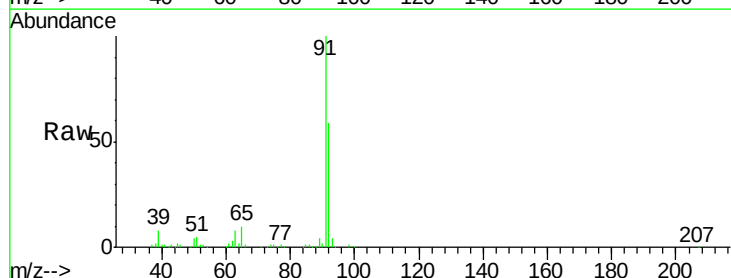
Manual Integrations
 APPROVED

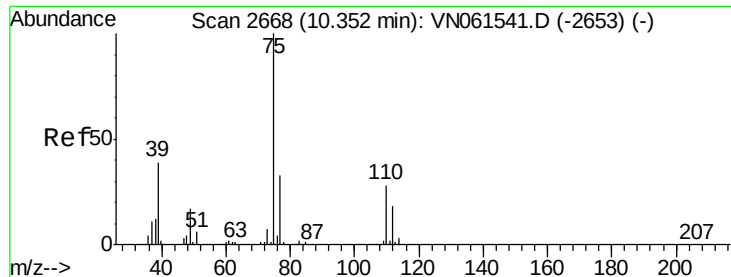
MMDadoda
 6/4/2020 3:08:16 PM



#52
 Toluene
 Concen: 19.720 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Tgt Ion: 92 Resp: 179089
 Ion Ratio Lower Upper
 92 100
 91 171.2 136.4 204.6





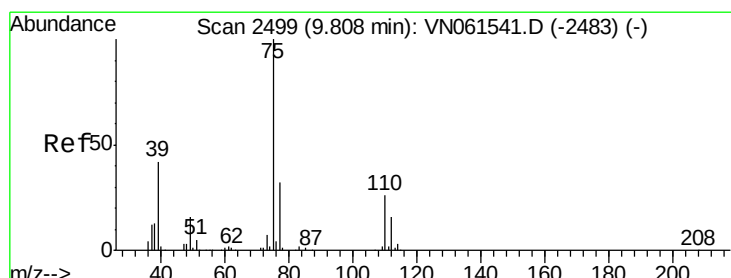
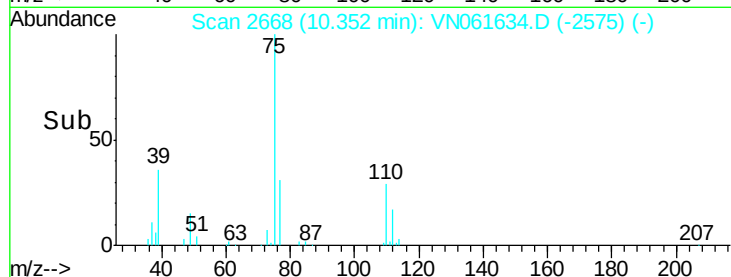
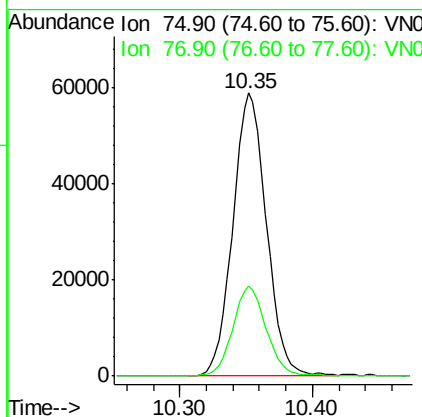
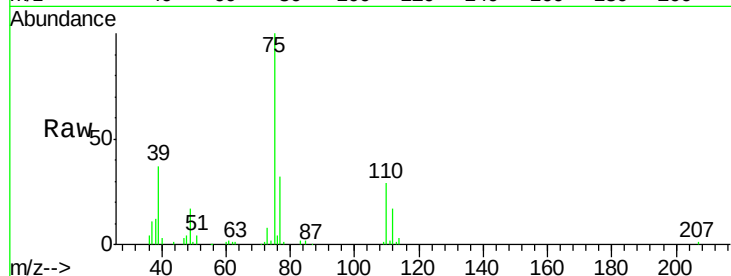
#53
t-1,3-Dichloropropene
Concen: 19.093 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Instrument :
MSVOA_N
ClientSampled :
VN0603WBSD01

Tot Ion: 75 Resp: 103258
Ion Ratio Lower Upper
75 100
77 31.7 26.2 39.4

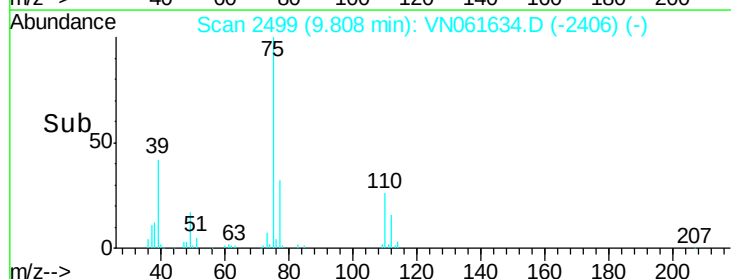
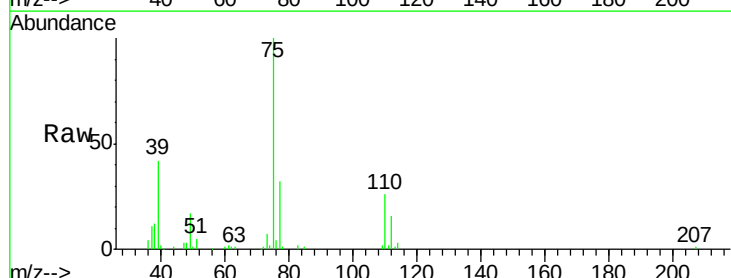
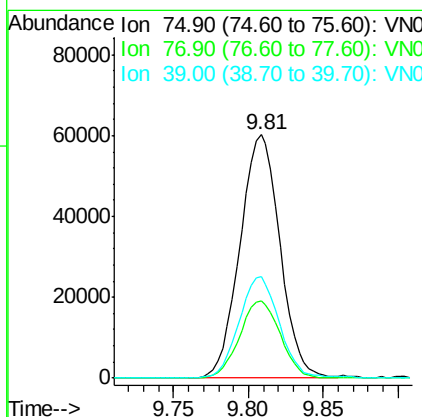
Manual Integrations
APPROVED

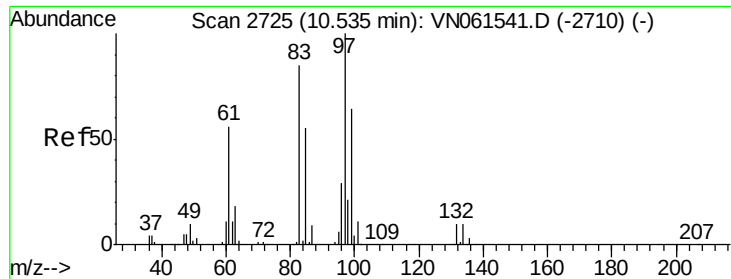
MMDadoda
6/4/2020 3:08:16 PM



#54
cis-1,3-Dichloropropene
Concen: 19.282 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Tgt Ion: 75 Resp: 112129
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2
39 41.5 33.8 50.6





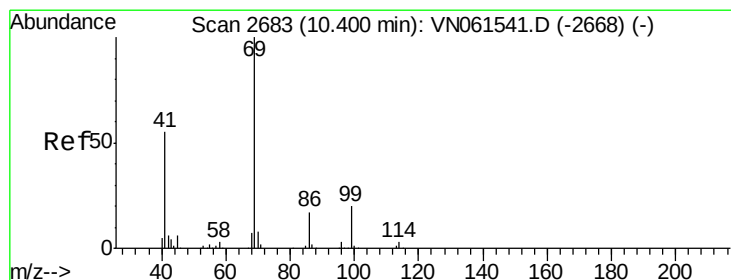
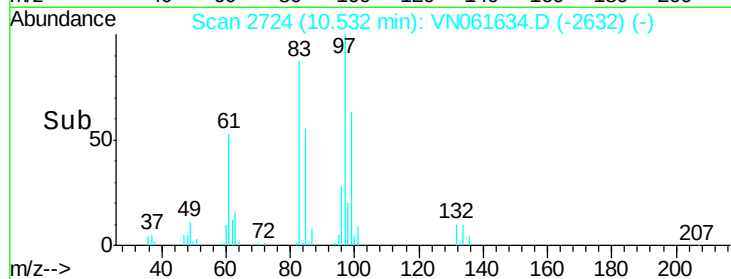
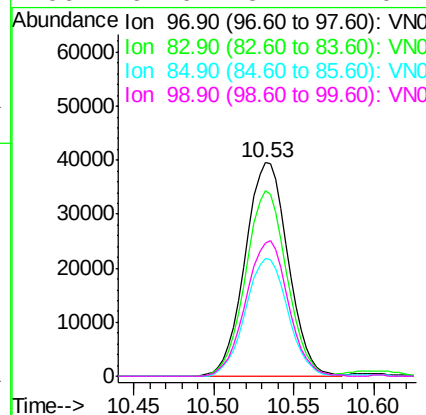
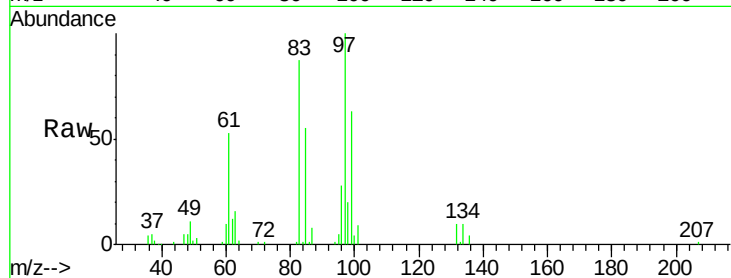
#55
 1,1,2-Trichloroethane
 Concen: 20.071 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		72619		
83	87.0	68.1	102.1		
85	55.3	44.1	66.1		
99	62.6	51.1	76.7		

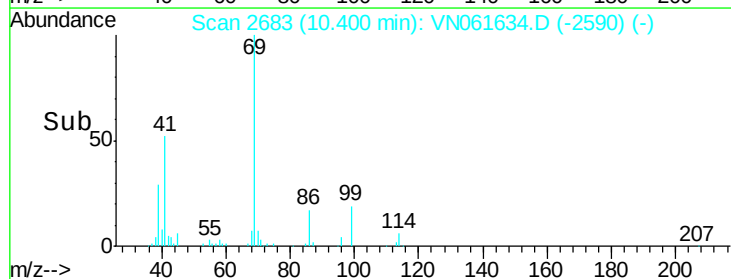
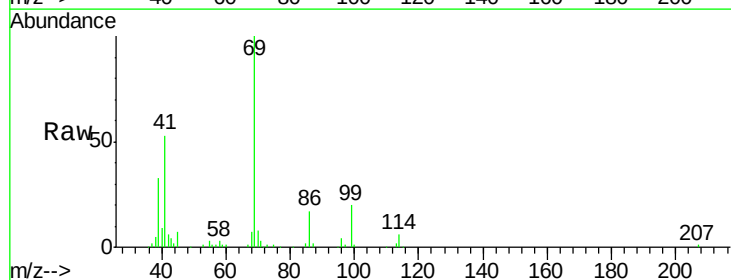
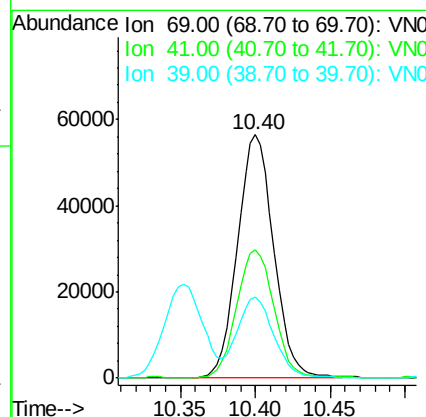
Manual Integrations
 APPROVED

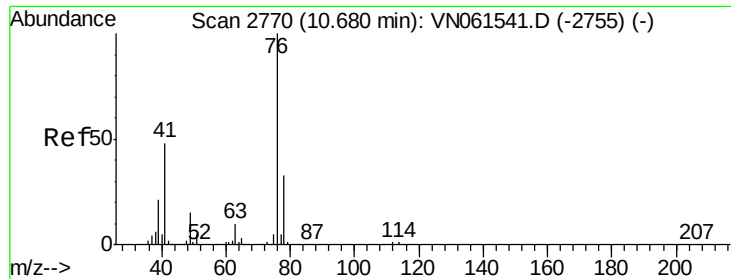
MMDadoda
 6/4/2020 3:08:16 PM



#56
 Ethyl methacrylate
 Concen: 18.851 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		95274		
41	54.9	43.5	65.3		
39	33.3	27.0	40.6		





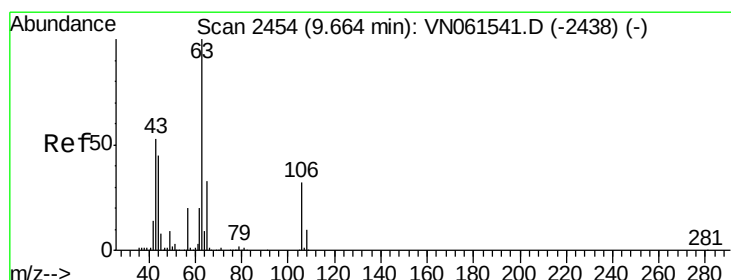
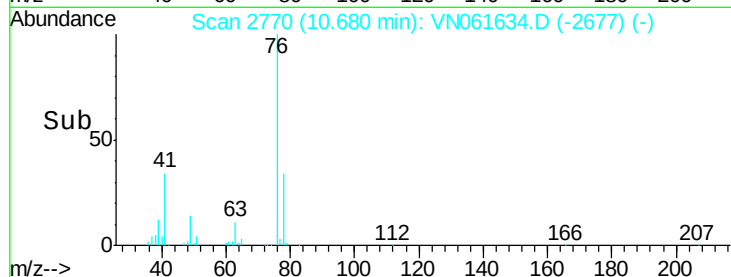
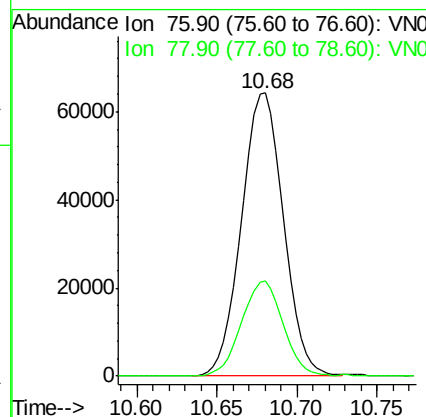
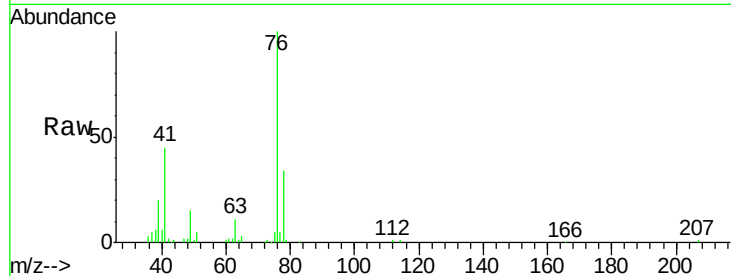
#57
 1,3-Dichloropropane
 Concen: 19.873 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Instrument :
 MSVOA_N
 ClientSampled :
 VN0603WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.2	26.3	39.5

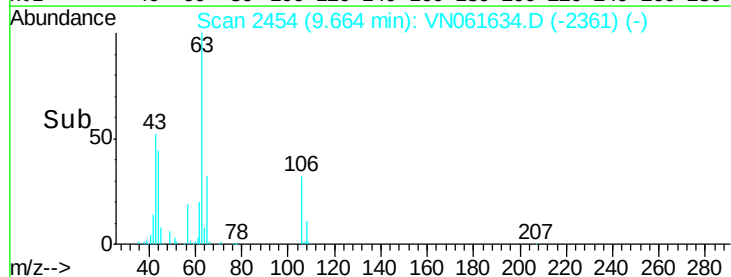
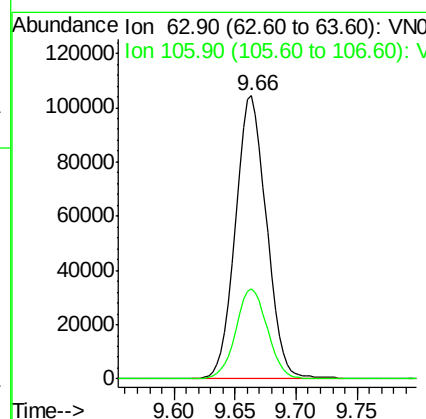
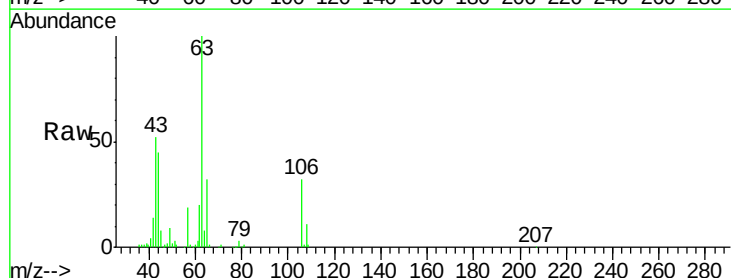
Manual Integrations
 APPROVED

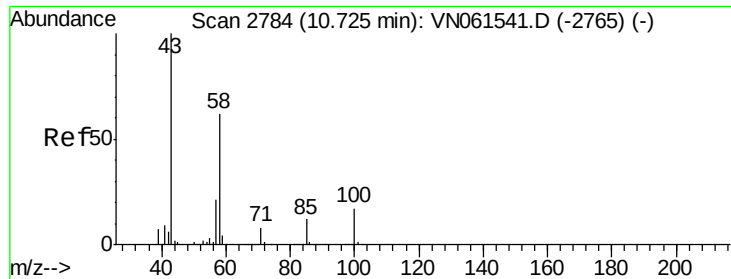
MMDadoda
 6/4/2020 3:08:16 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 85.718 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.4	25.9	38.9





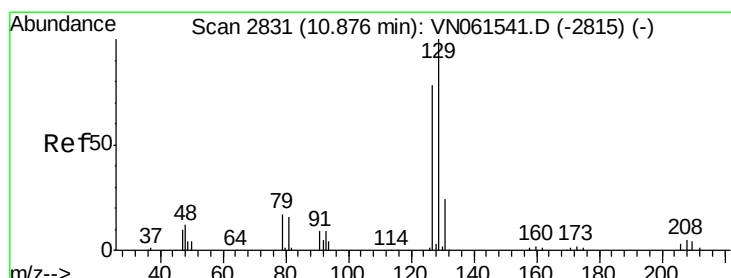
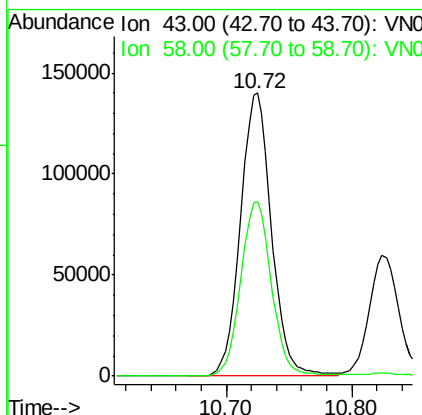
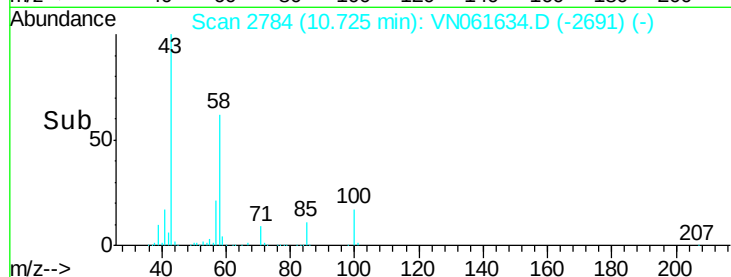
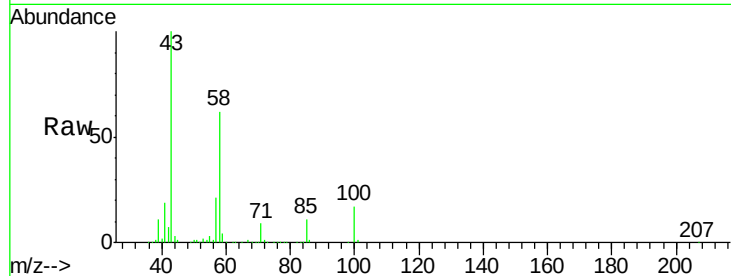
#59
2-Hexanone
Concen: 91.163 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

Tot Ion: 43 Resp: 241094
Ion Ratio Lower Upper
43 100
58 61.3 30.7 92.1

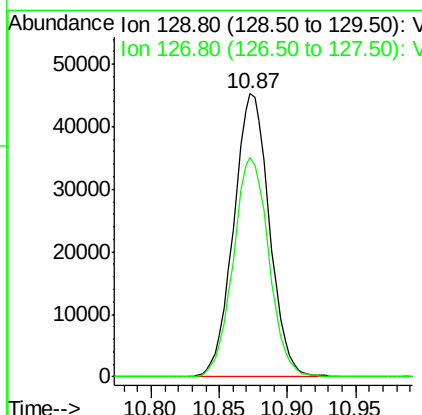
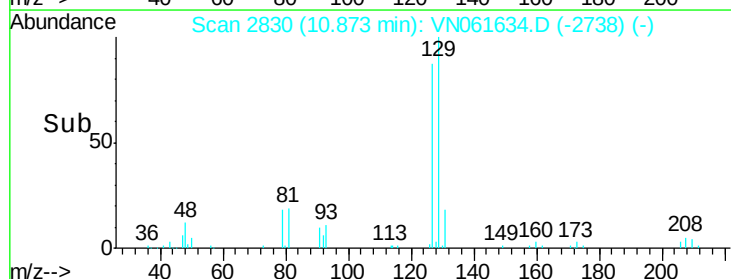
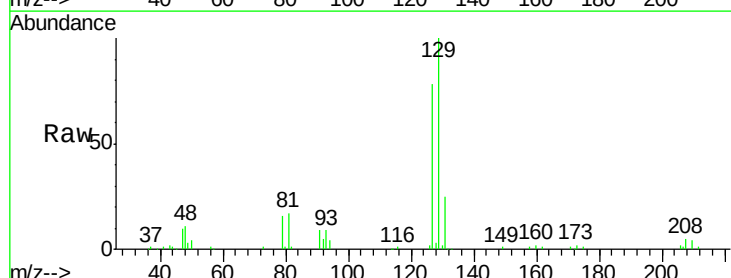
Manual Integrations
APPROVED

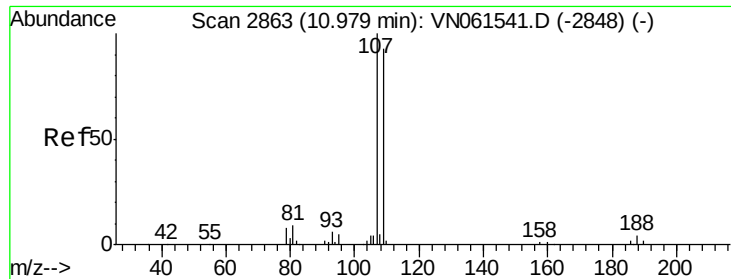
MMDadoda
6/4/2020 3:08:16 PM



#60
Dibromochloromethane
Concen: 20.006 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Tgt Ion: 129 Resp: 82290
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.3





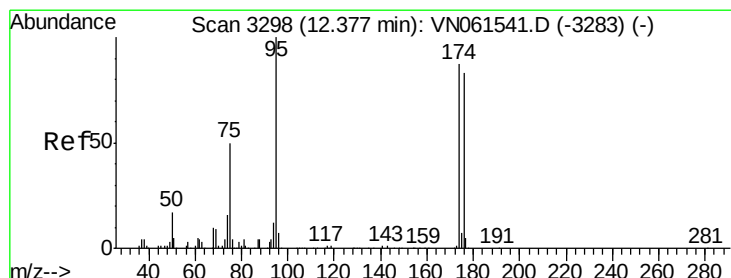
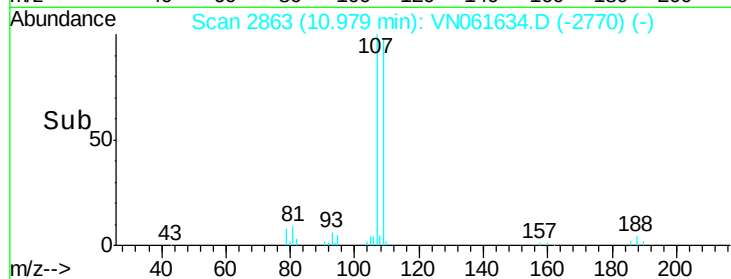
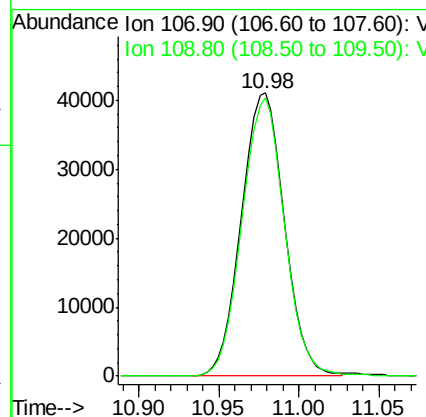
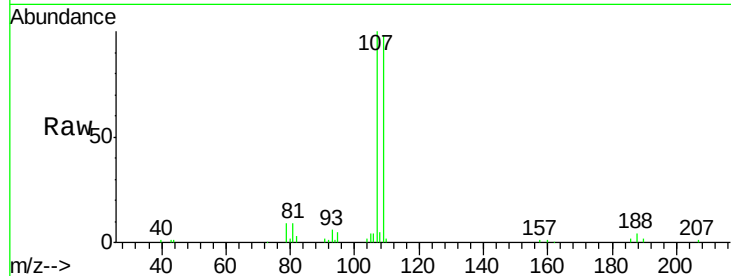
#61
 1,2-Dibromoethane
 Concen: 19.957 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.0	76.1	114.1

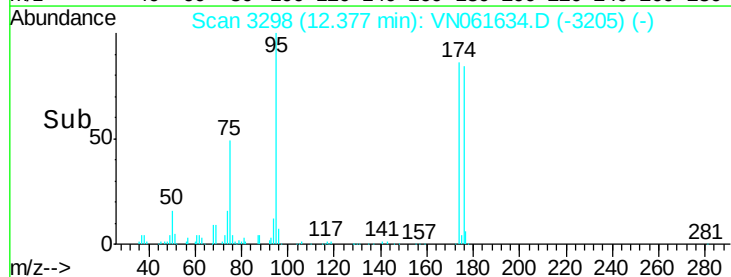
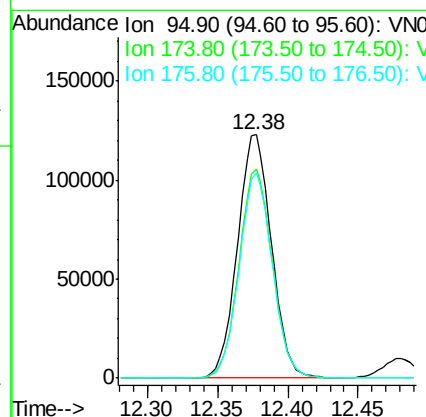
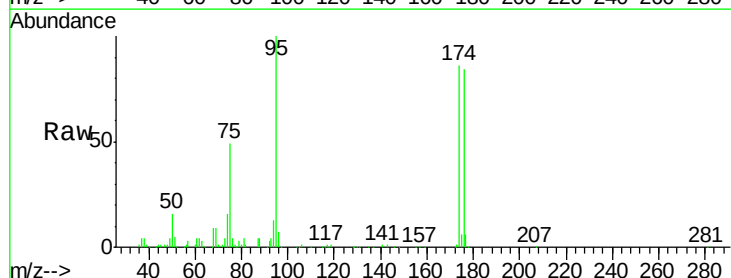
Manual Integrations
 APPROVED

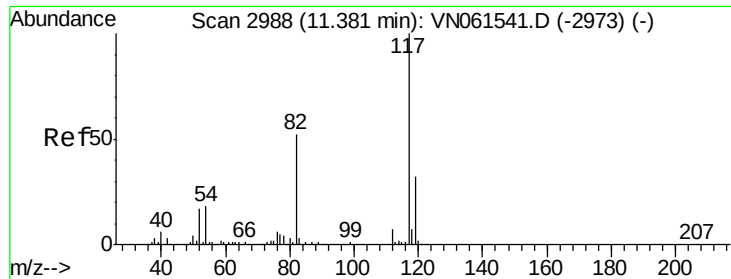
MMDadoda
 6/4/2020 3:08:16 PM



#62
 4-Bromofluorobenzene
 Concen: 47.486 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.6	0.0	172.8
176	82.7	0.0	164.8





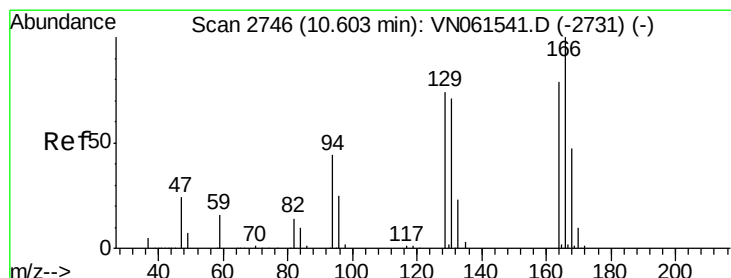
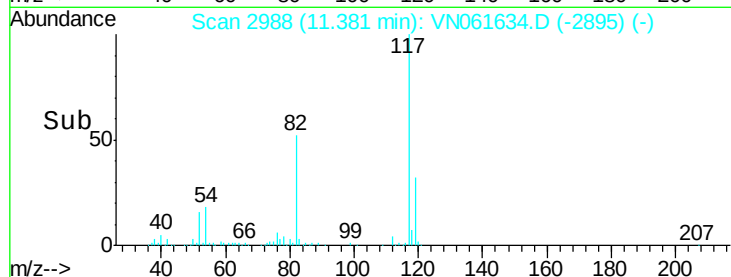
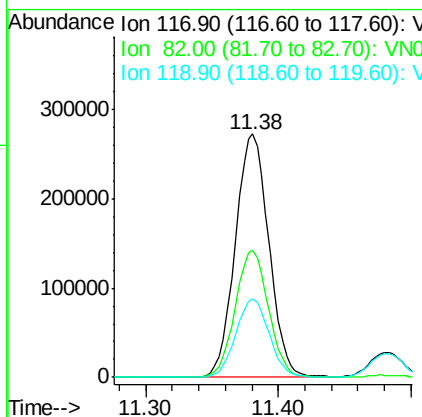
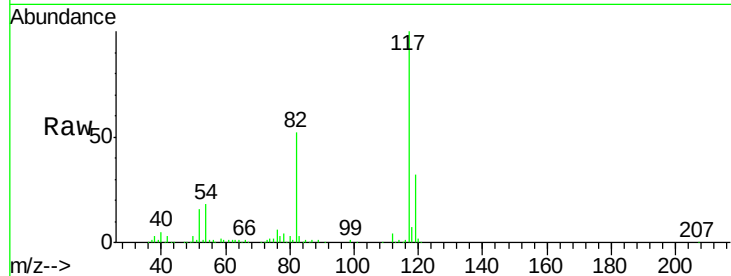
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Instrument :
MSVOA_N
ClientSampled :
VN0603WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.5	62.3
119	32.2	25.6	38.4

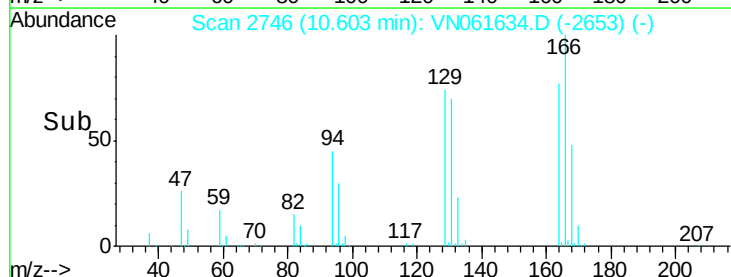
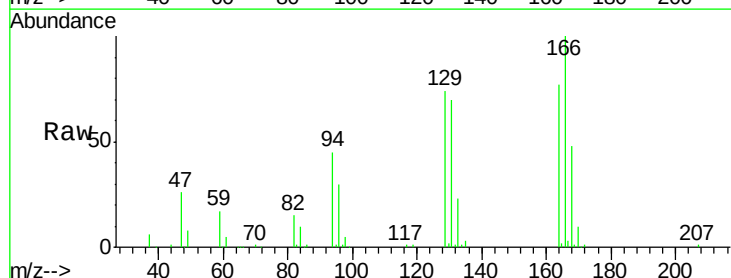
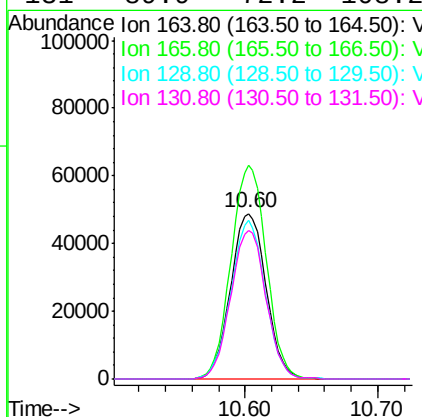
Manual Integrations
APPROVED

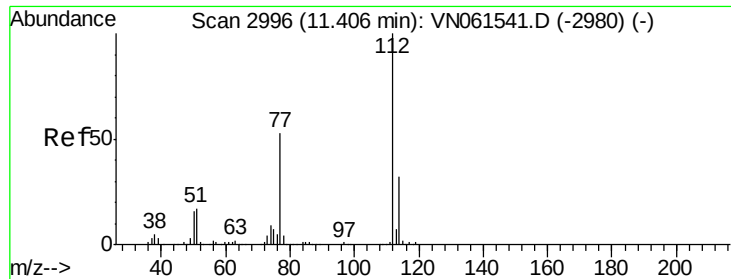
MMDadoda
6/4/2020 3:08:16 PM



#64
Tetrachloroethene
Concen: 20.161 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.1	101.5	152.3
129	95.8	74.9	112.3
131	89.9	72.2	108.2





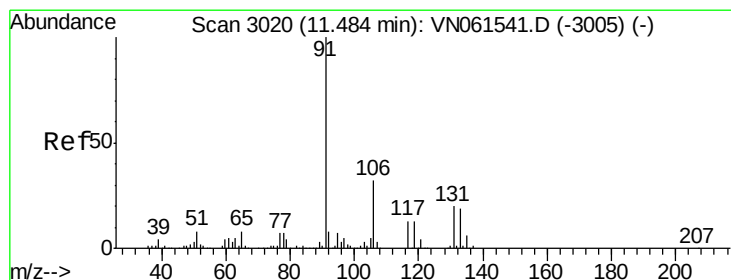
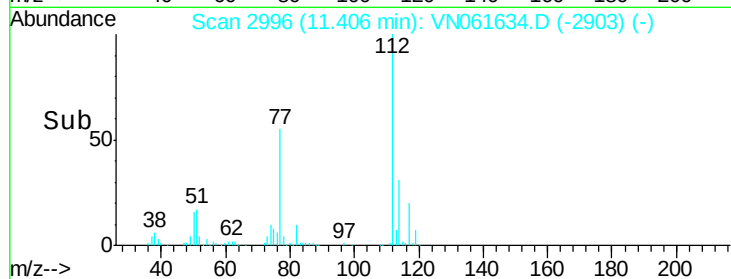
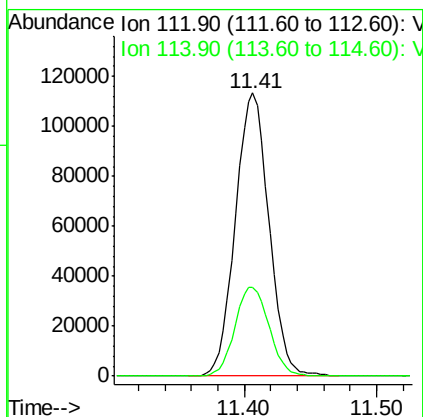
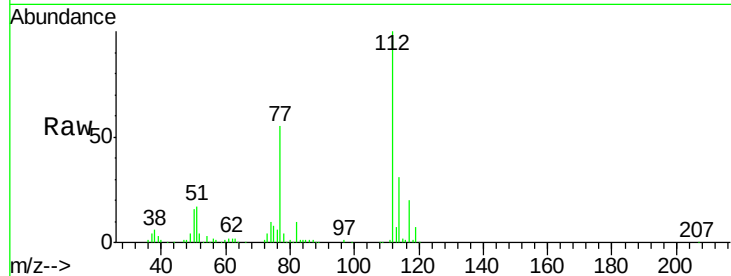
#65
Chlorobenzene
Concen: 19.973 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

Tot Ion:112 Resp: 198808
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5

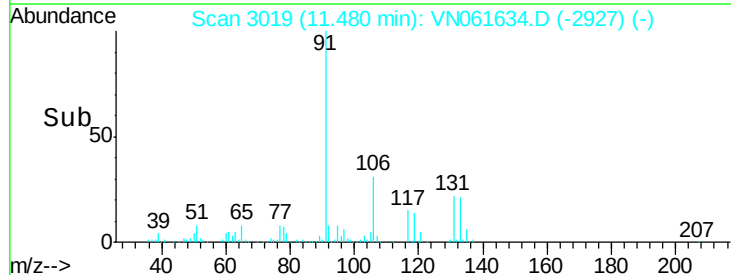
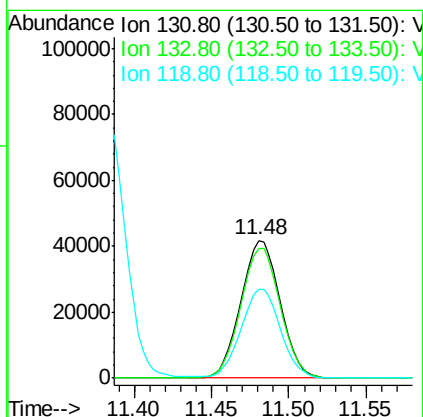
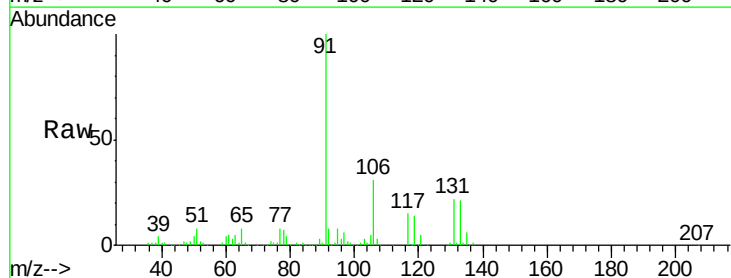
Manual Integrations
APPROVED

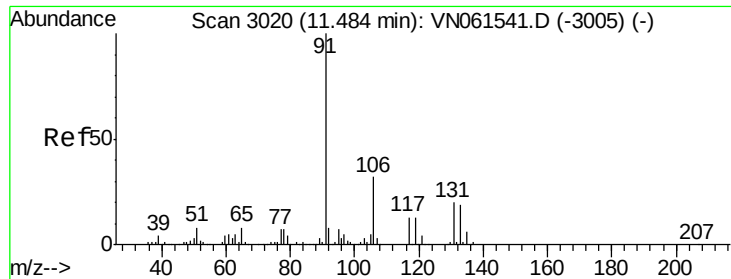
MMDadoda
6/4/2020 3:08:16 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.990 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Tgt Ion:131 Resp: 74087
Ion Ratio Lower Upper
131 100
133 95.2 47.4 142.2
119 64.9 32.6 97.8





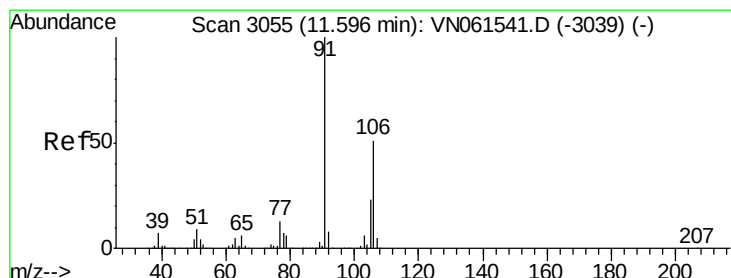
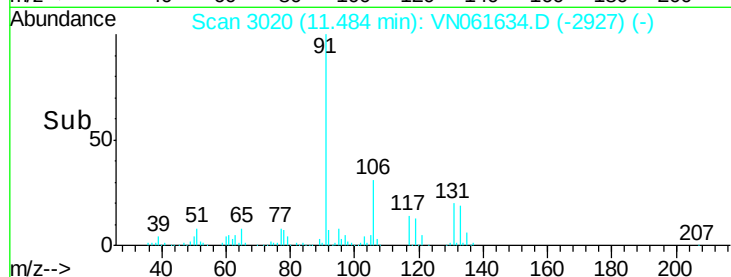
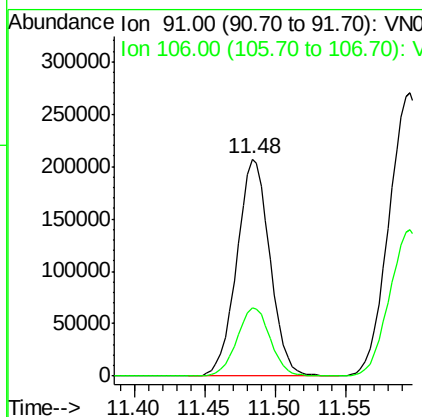
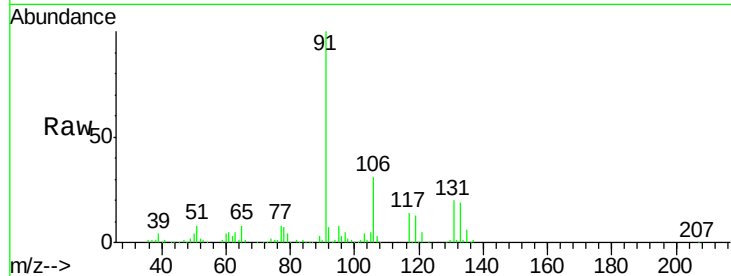
#67
Ethyl Benzene
Concen: 19.766 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

Tot Ion: 91 Resp: 340043
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4

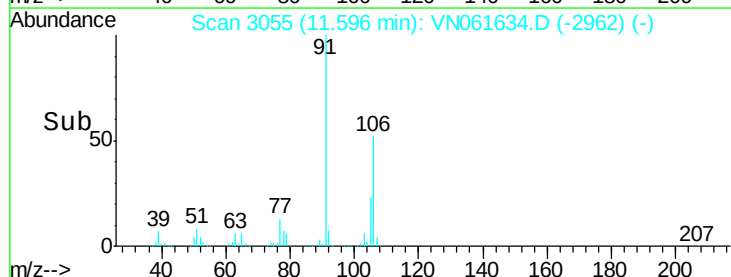
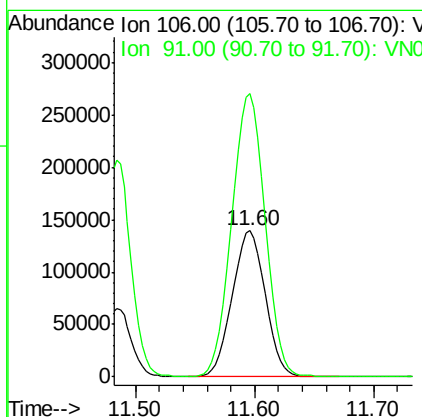
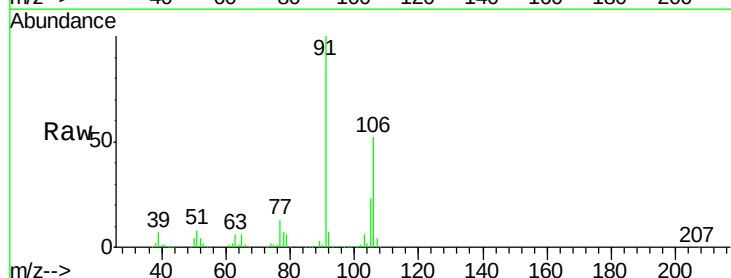
Manual Integrations
APPROVED

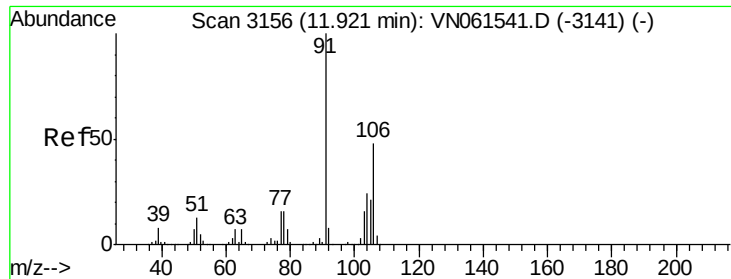
MMDadoda
6/4/2020 3:08:16 PM



#68
m/p-Xylenes
Concen: 39.366 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Tgt Ion: 106 Resp: 268533
Ion Ratio Lower Upper
106 100
91 195.3 156.2 234.4





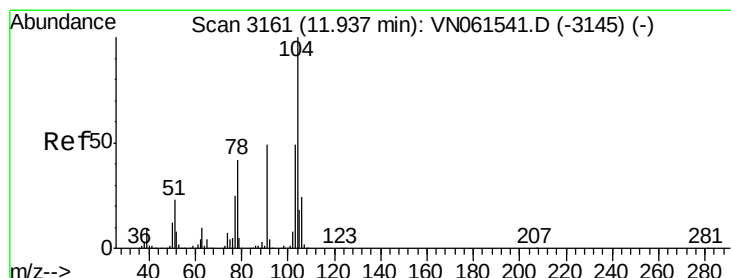
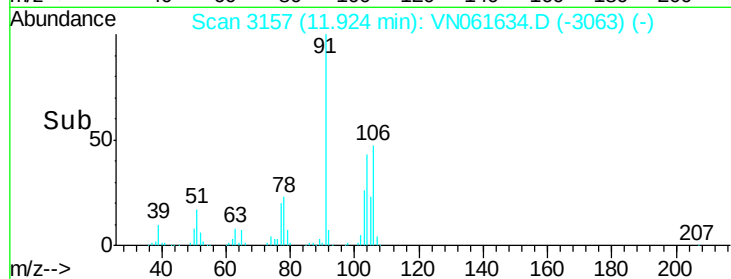
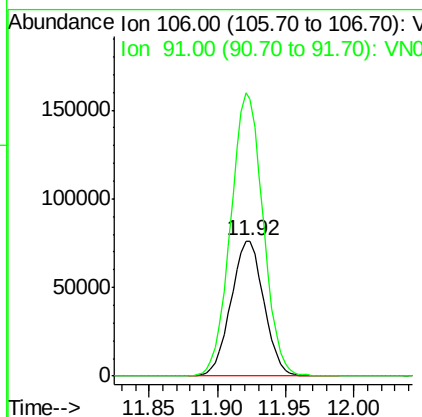
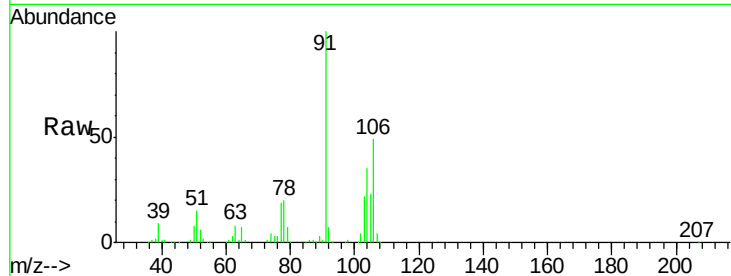
#69
o-Xylene
Concen: 19.750 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Instrument :
MSVOA_N
ClientSampled :
VN0603WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	206.2	103.3	127958	309.8	

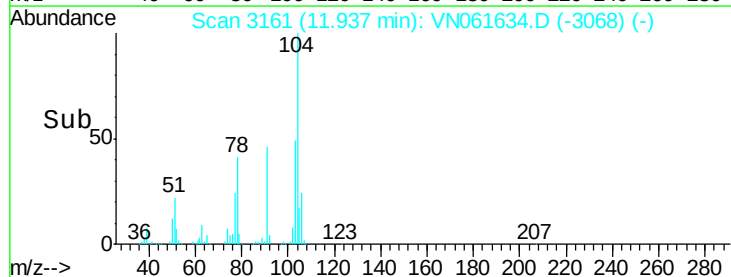
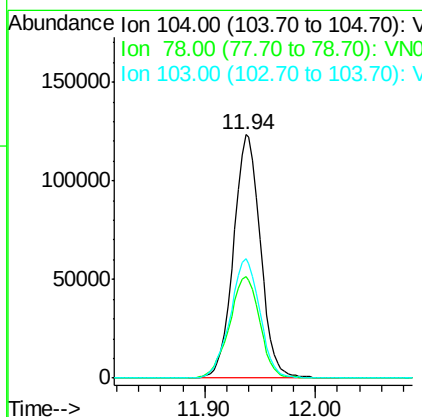
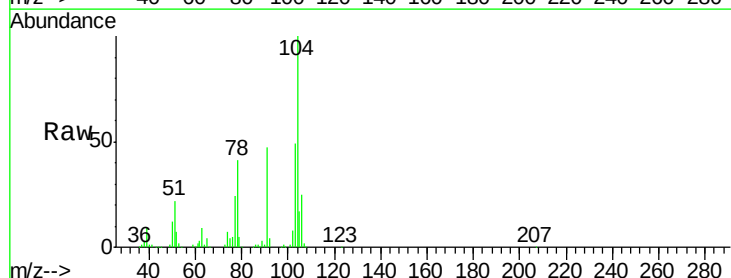
Manual Integrations
APPROVED

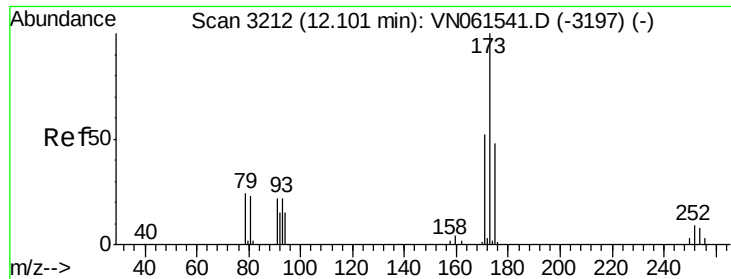
MMDadoda
6/4/2020 3:08:16 PM



#70
Styrene
Concen: 19.510 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	47.0	37.4	209330	56.0	
103	53.7	42.3		63.5	





#71

Bromoform

Concen: 18.604 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

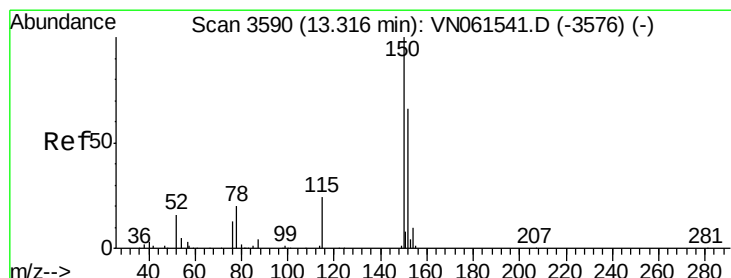
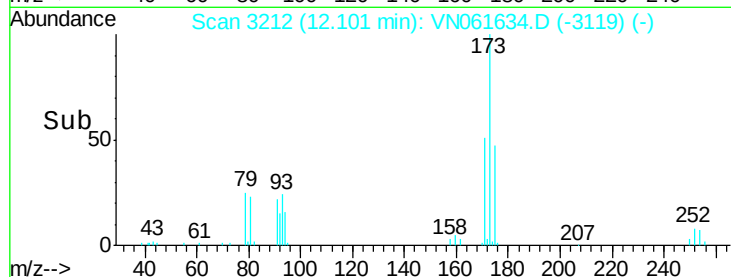
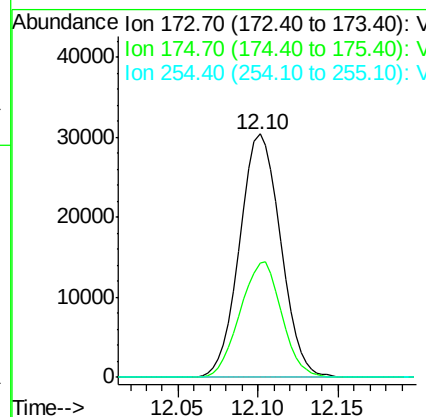
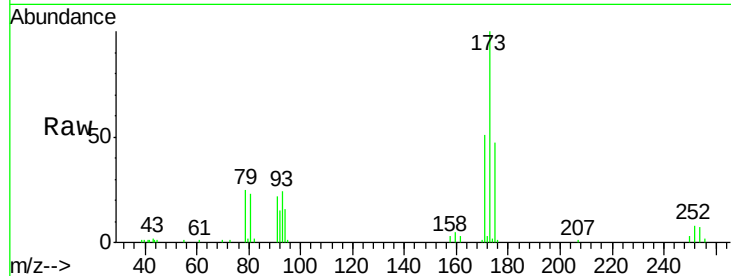
ClientSampleId :

VN0603WBSD01

Tot Ion:	173	Resp:	53131
Ion Ratio	Lower	Upper	
173	100		
175	48.0	24.4	73.2
254	0.0	0.0	0.0

Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:08:16 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

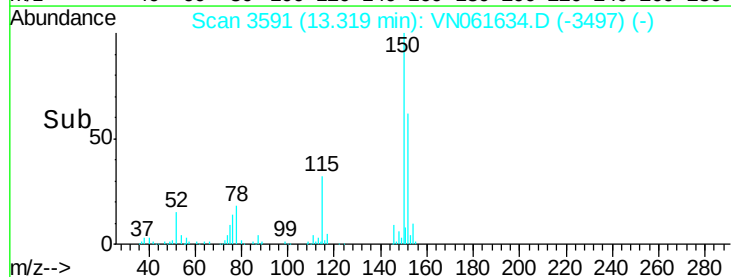
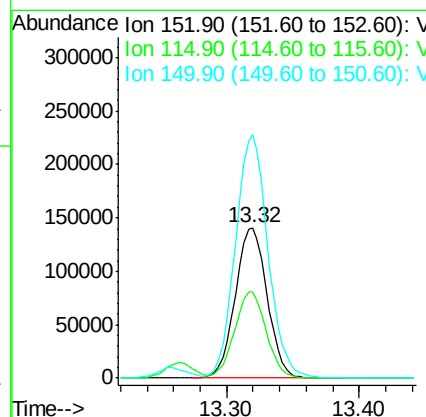
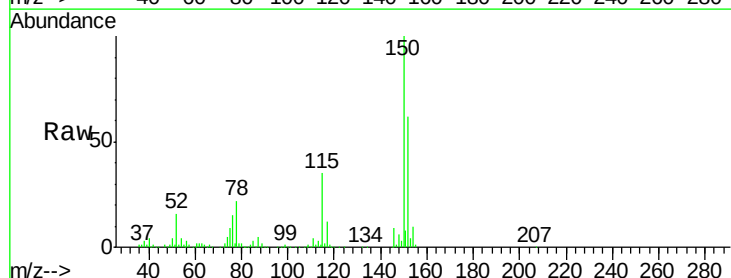
RT: 13.32 min Scan# 3591

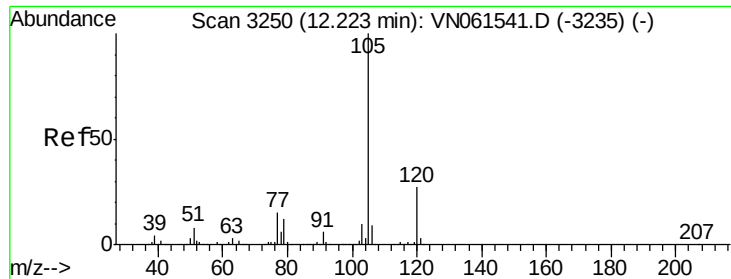
Delta R.T. 0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Tgt Ion:	152	Resp:	234880
Ion Ratio	Lower	Upper	
152	100		
115	56.0	28.0	84.0
150	165.6	0.0	344.0





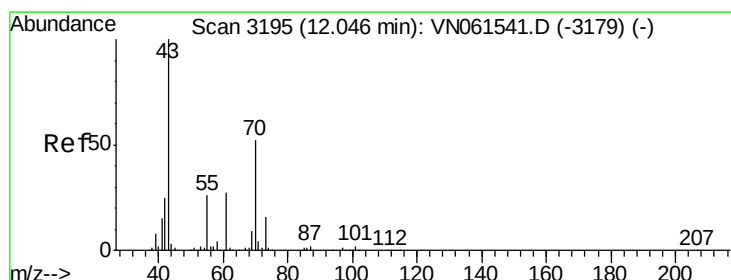
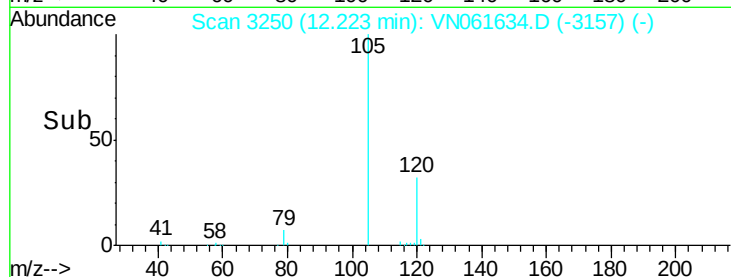
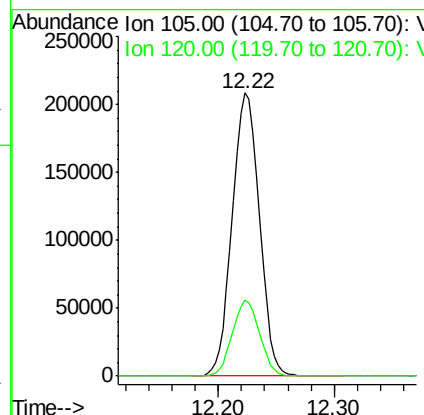
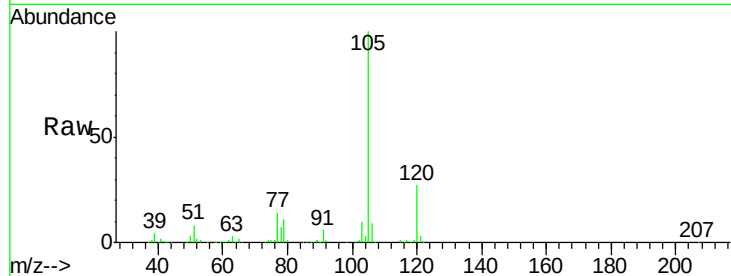
#73
Isopropylbenzene
Concen: 19.678 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	337349		
120	26.9	13.8	41.3	

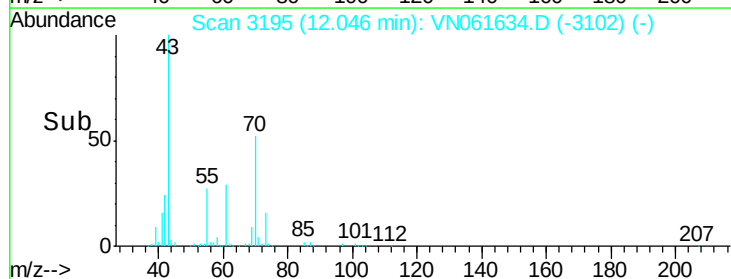
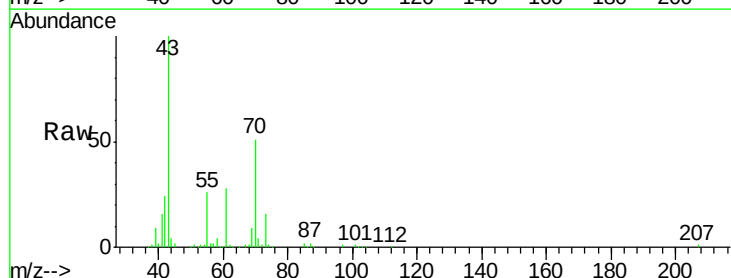
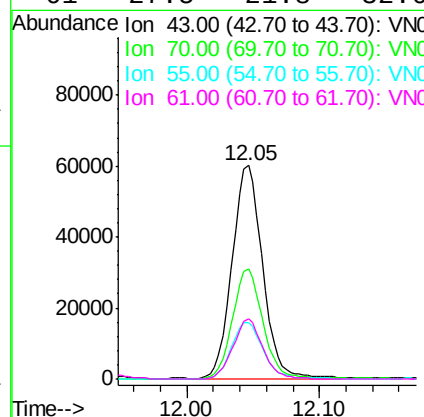
Manual Integrations
APPROVED

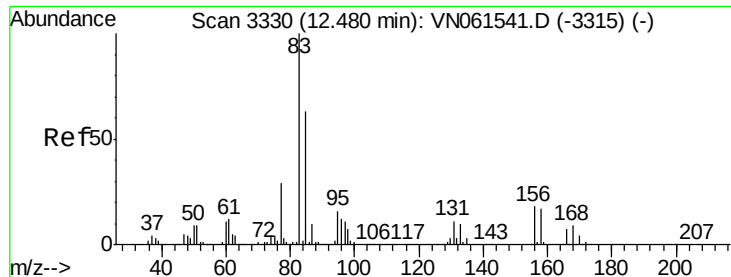
MMDadoda
6/4/2020 3:08:16 PM



#74
N-ethyl acetate
Concen: 17.950 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	96907		
70	51.3	40.5	60.7	
55	27.4	20.6	31.0	
61	27.5	21.8	32.6	





#75

1,1,2,2-Tetrachloroethane

Concen: 18.835 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

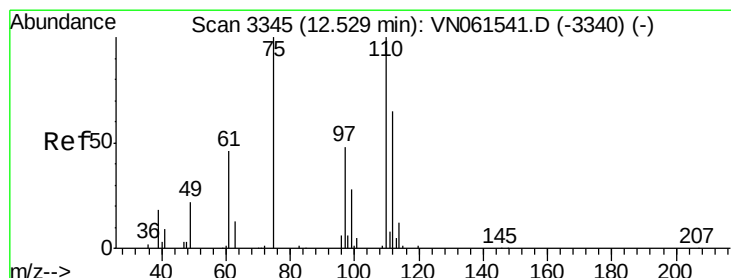
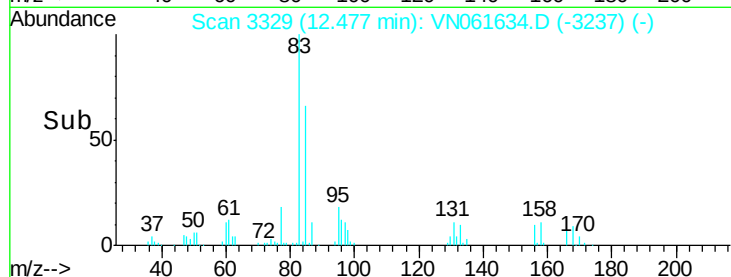
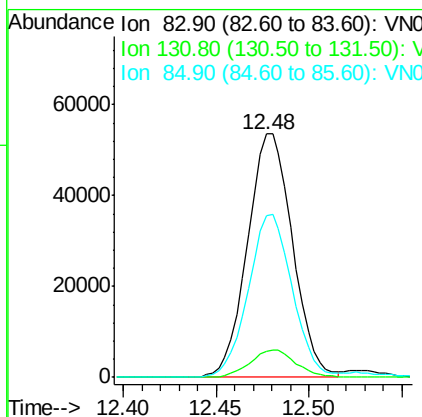
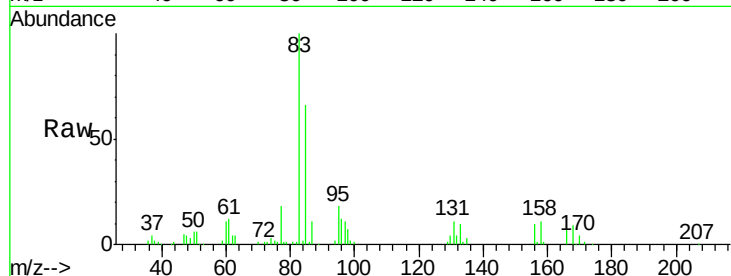
ClientSampled :

VN0603WBSD01

Tot Ion:	83	Resp:	90484
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.5	16.5
85	65.2	32.1	96.3

Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:08:16 PM



#76

1,2,3-Trichloropropane

Concen: 18.309 ug/l m

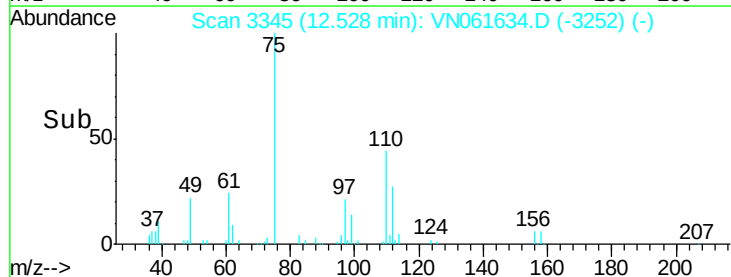
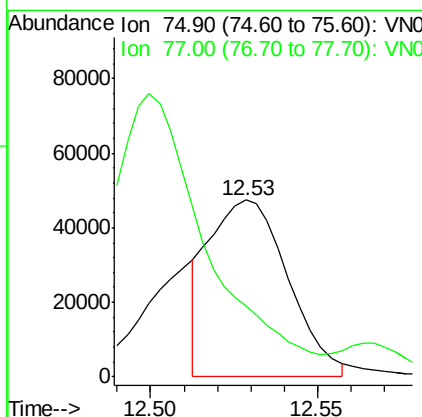
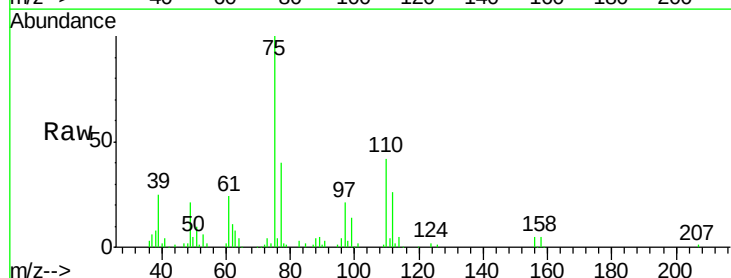
RT: 12.53 min Scan# 3345

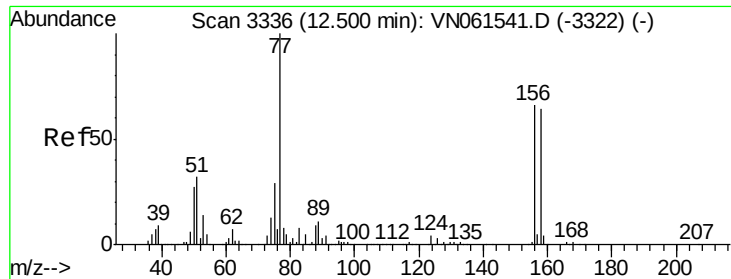
Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Tgt Ion:	75	Resp:	78198
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





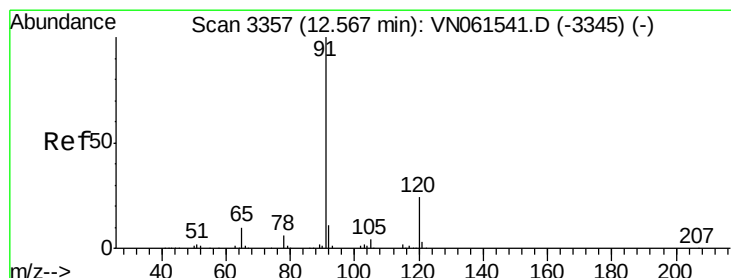
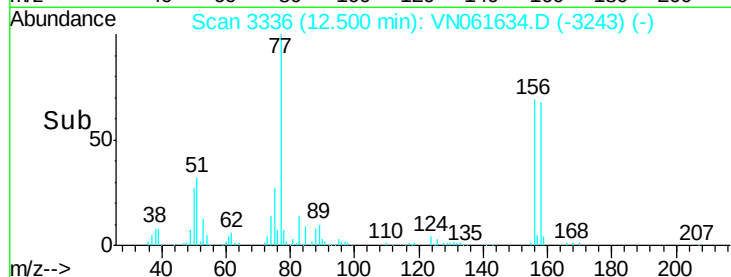
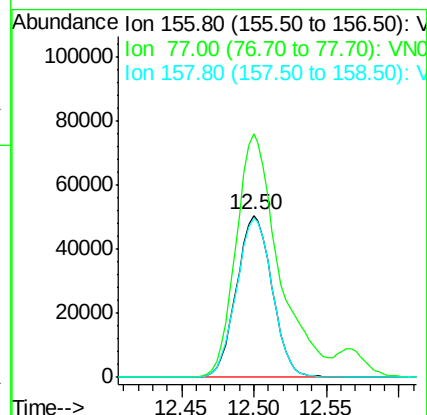
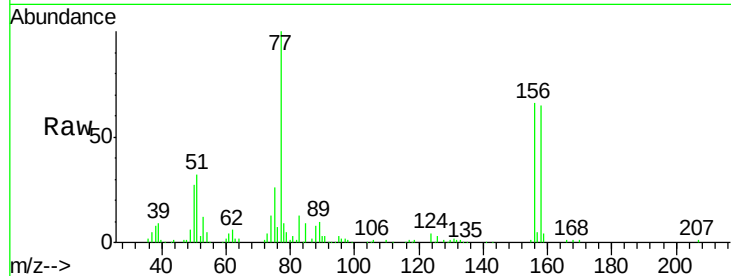
#77
Bromobenzene
Concen: 19.670 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	180.8	90.9	272.7
158	99.2	48.4	145.3

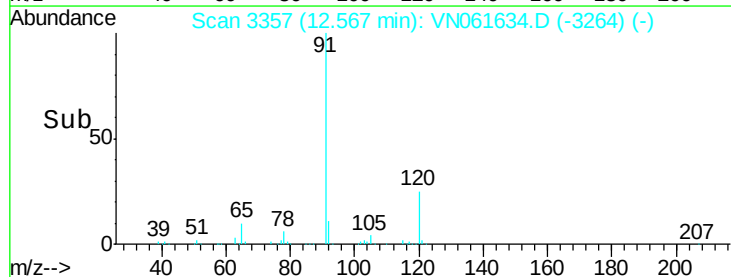
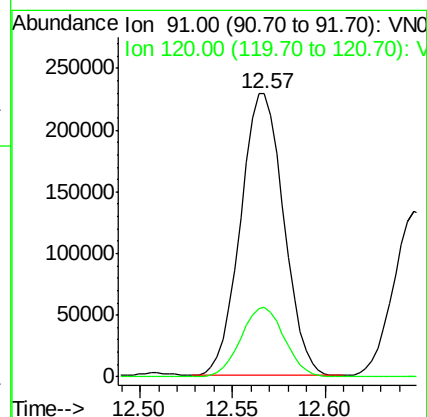
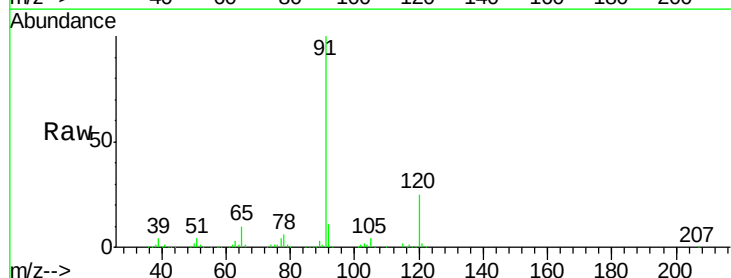
Manual Integrations
APPROVED

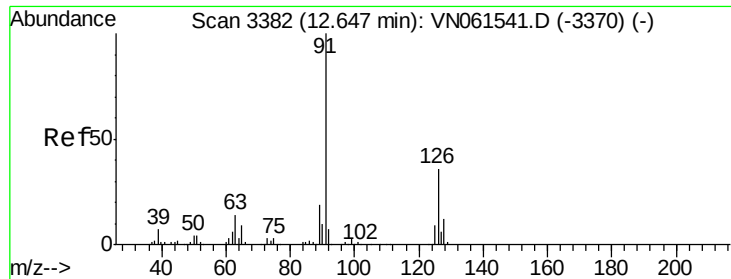
MMDadoda
6/4/2020 3:08:16 PM



#78
n-propylbenzene
Concen: 19.360 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.9	12.3	36.9





#79

2-Chlorotoluene

Concen: 19.537 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampled :

VN0603WBSD01

Tot Ion: 91 Resp: 222947

Ion Ratio Lower Upper

91 100

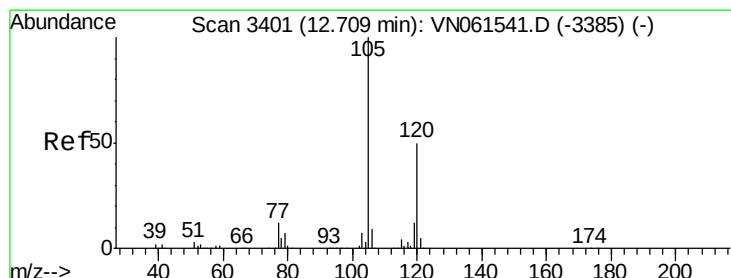
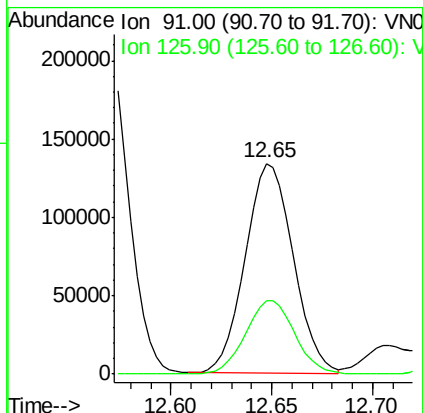
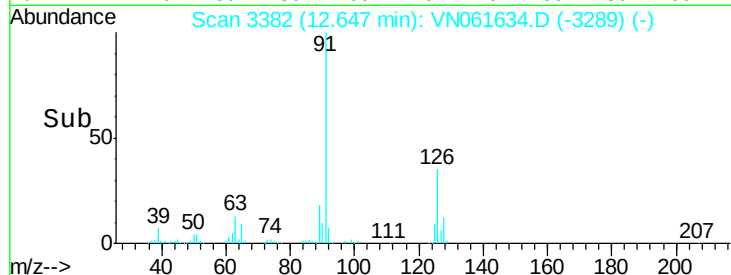
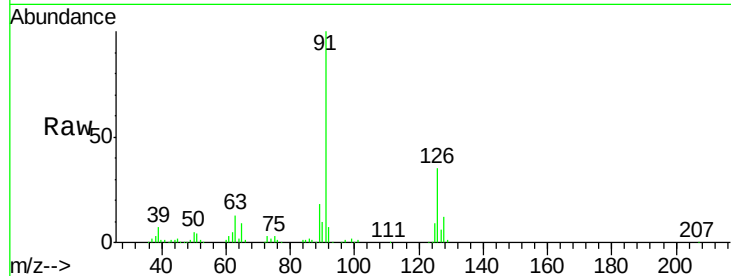
126 36.0 17.9 53.7

Manual Integrations

APPROVED

MMDadoda

6/4/2020 3:08:16 PM



#80

1,3,5-Trimethylbenzene

Concen: 19.508 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061634.D

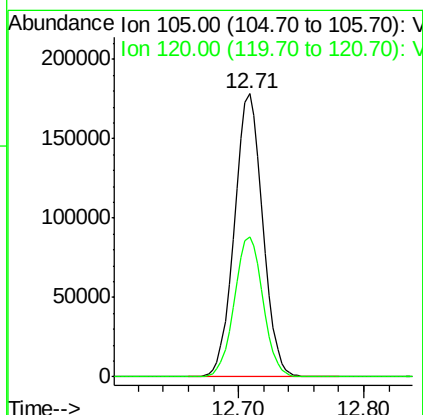
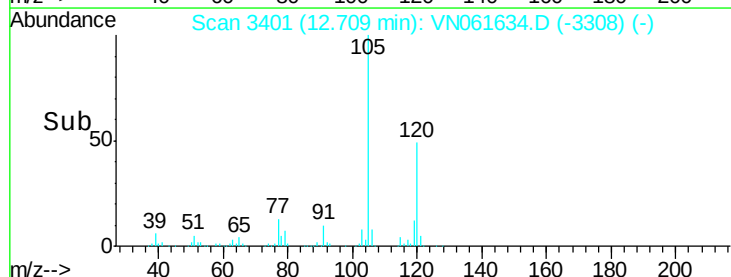
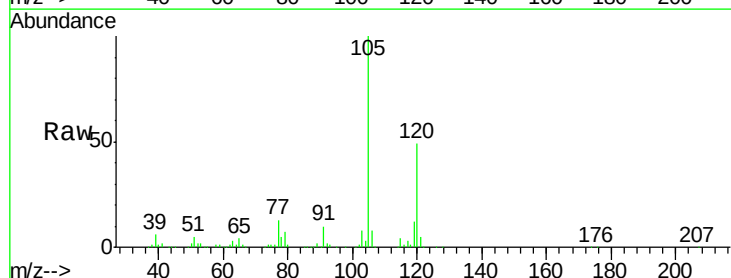
Acq: 3 Jun 2020 13:35

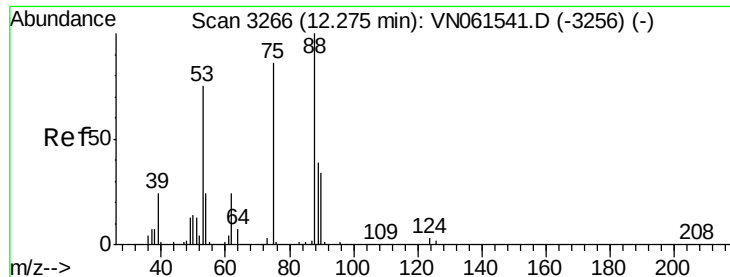
Tgt Ion: 105 Resp: 279524

Ion Ratio Lower Upper

105 100

120 50.0 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 16.755 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

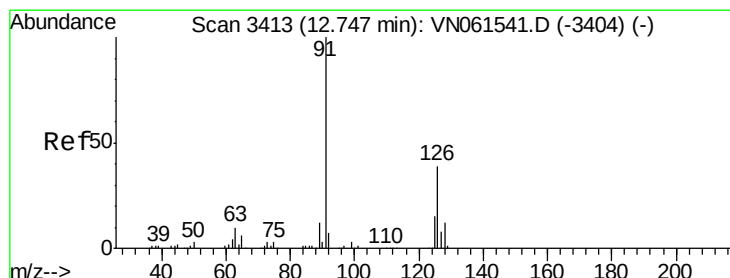
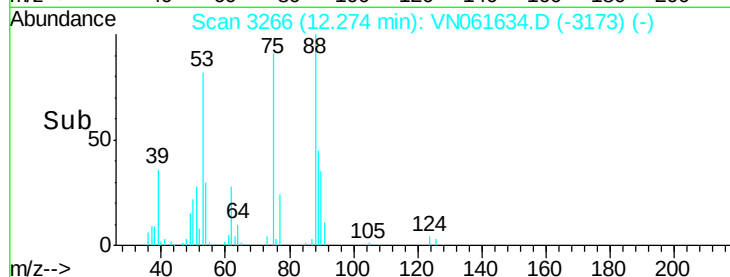
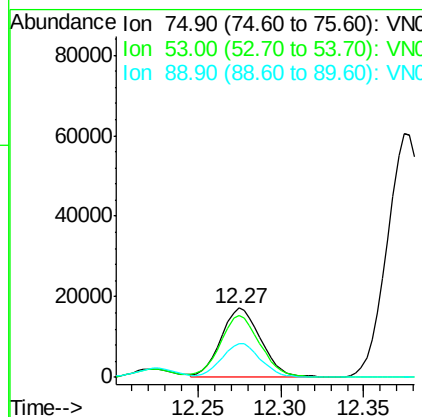
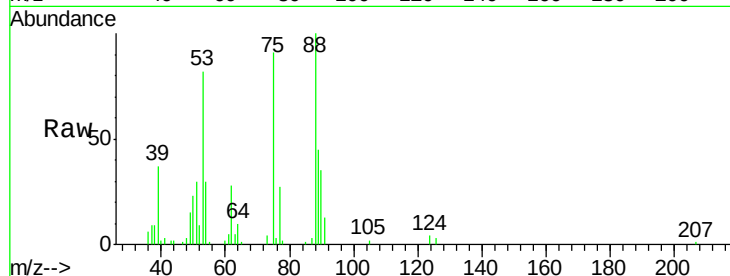
ClientSampleId :

VN0603WBSD01

Tot Ion:	75	Resp:	27984
Ion	Ratio	Lower	Upper
75	100		
53	89.5	67.8	101.8
89	50.1	37.1	55.7

Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:08:16 PM



#82

4-Chlorotoluene

Concen: 19.279 ug/l

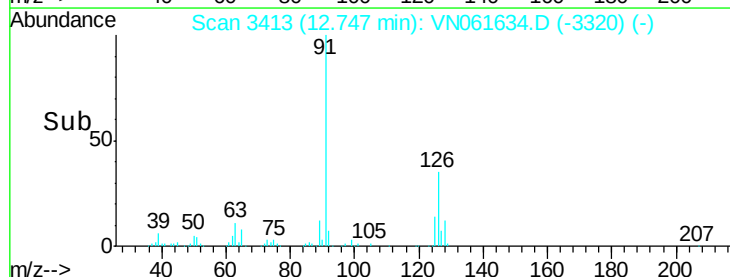
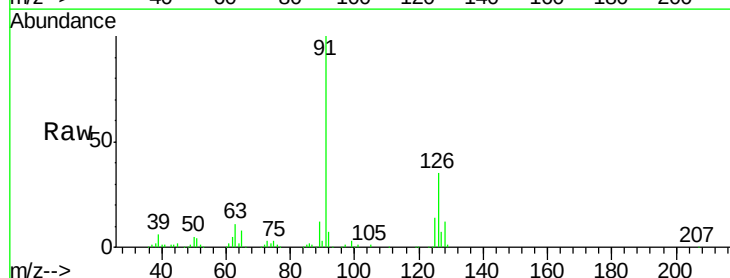
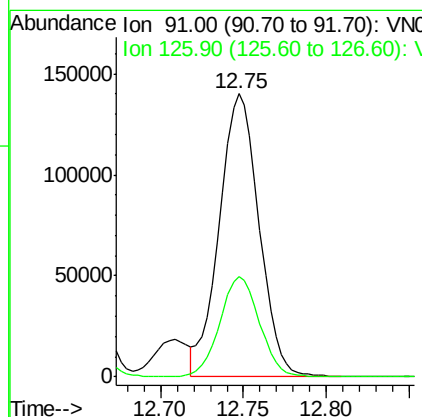
RT: 12.75 min Scan# 3413

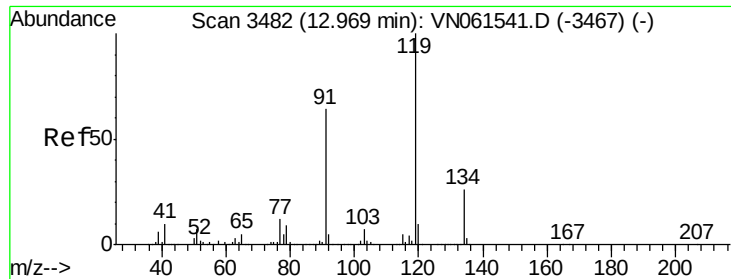
Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Tgt Ion:	91	Resp:	231446
Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.5	52.6





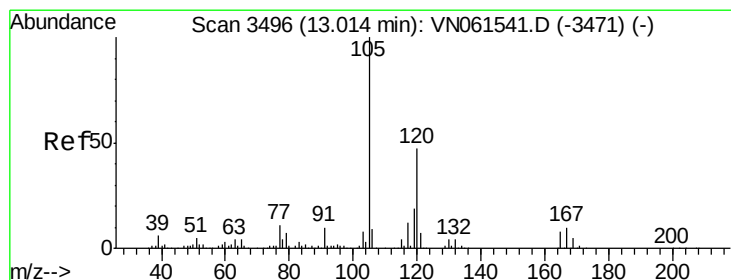
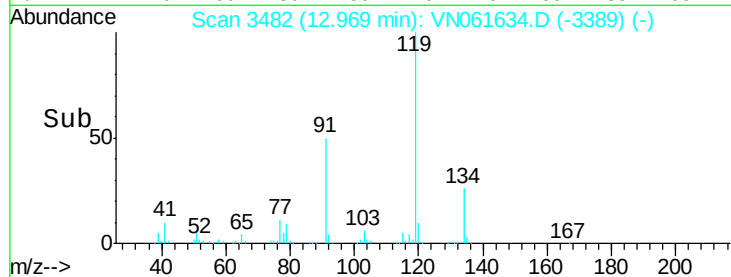
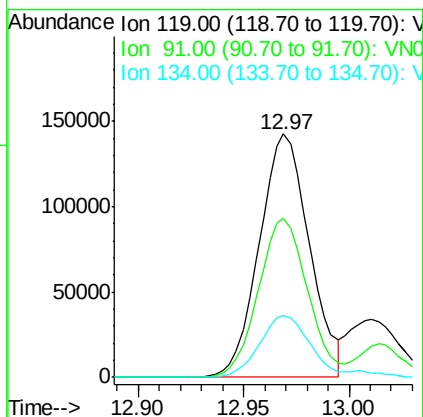
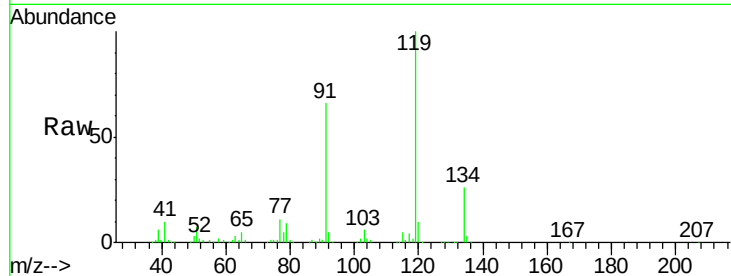
#83
 tert-Butylbenzene
 Concen: 18.587 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	235311		
91	64.6	31.3	93.8	
134	25.4	13.5	40.4	

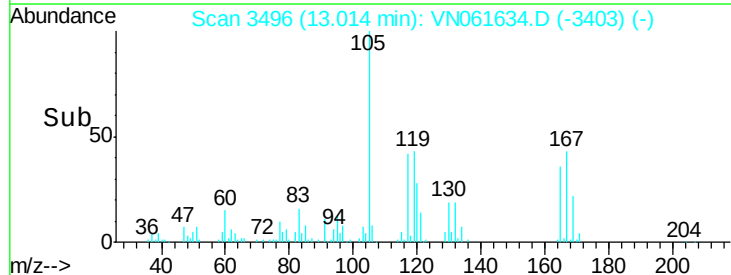
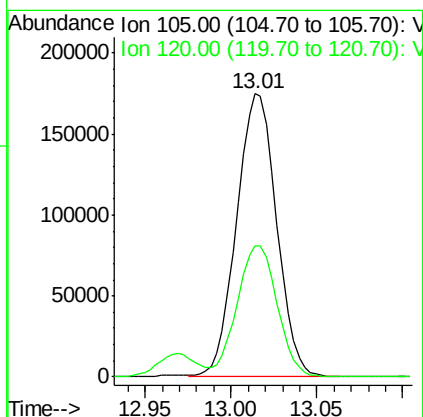
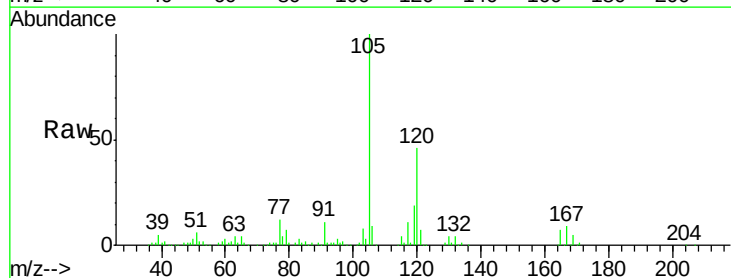
Manual Integrations
 APPROVED

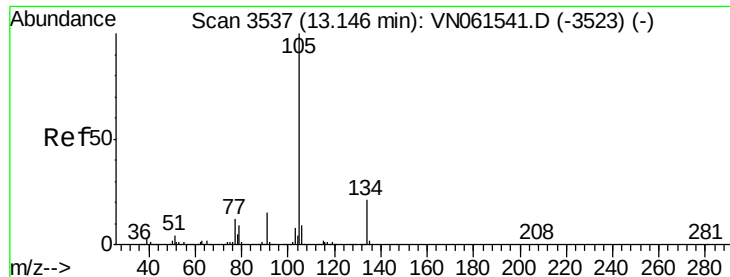
MMDadoda
 6/4/2020 3:08:16 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.621 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	279290		
120	46.9	23.2	69.5	





#85

sec-Butylbenzene

Concen: 18.806 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBSD01

Tot Ion:105 Resp: 306785

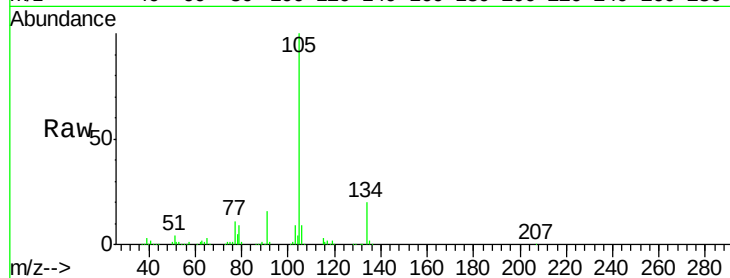
Ion Ratio Lower Upper

105 100

134 20.9 10.7 31.9

Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:08:16 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

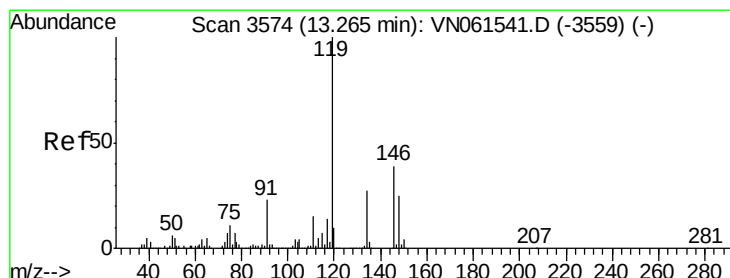
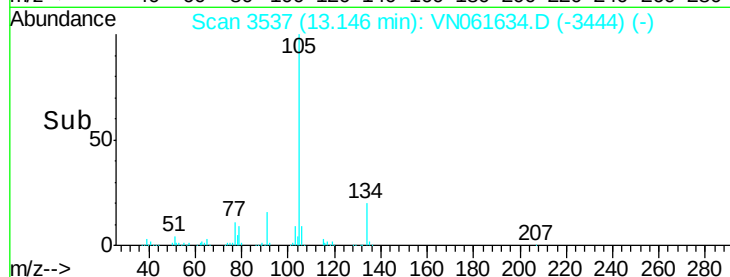
100000

50000

0

13.10 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 18.896 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

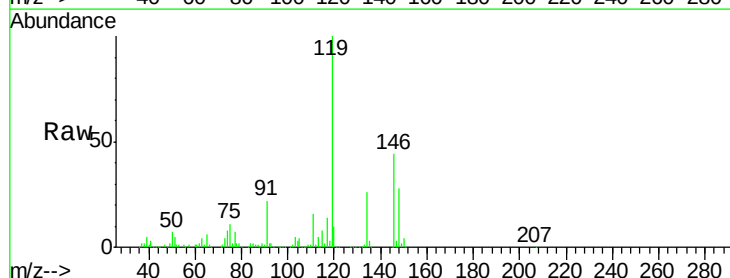
Tgt Ion:119 Resp: 283877

Ion Ratio Lower Upper

119 100

134 26.3 13.5 40.5

91 22.1 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

250000

200000

150000

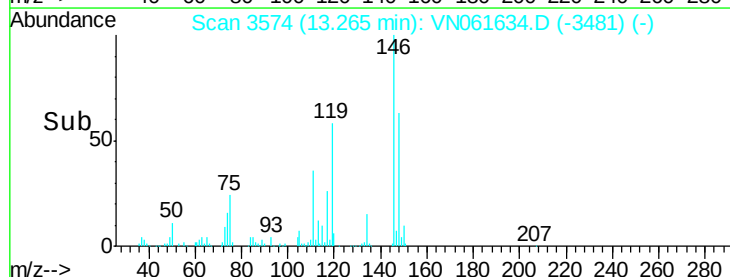
100000

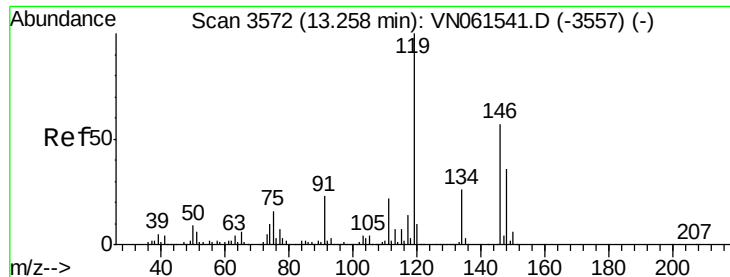
50000

0

13.20 13.25 13.30 13.35

Time-->





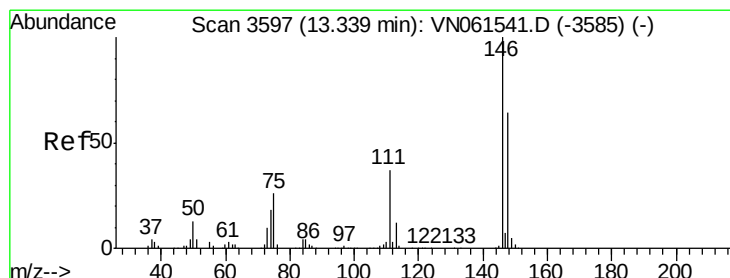
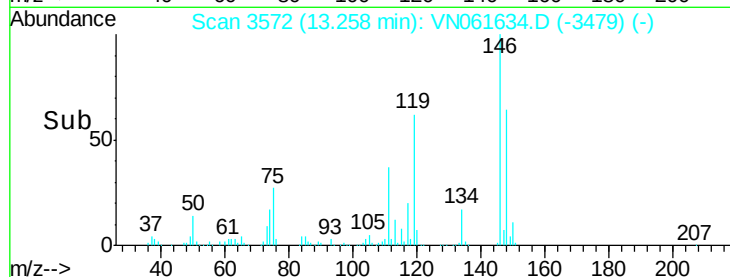
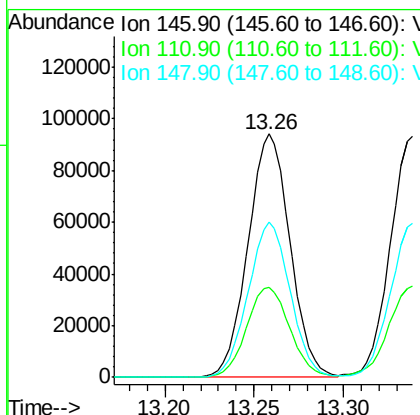
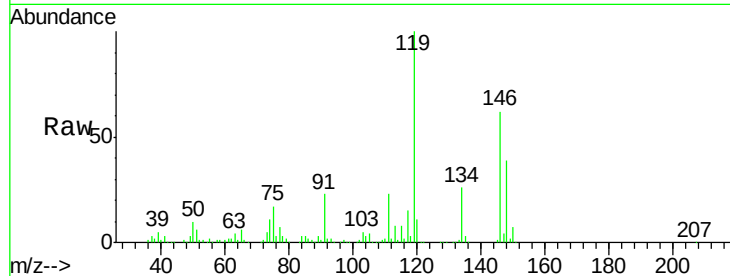
#87
 1,3-Dichlorobenzene
 Concen: 20.047 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.2	57.6
148	63.9	31.7	95.1

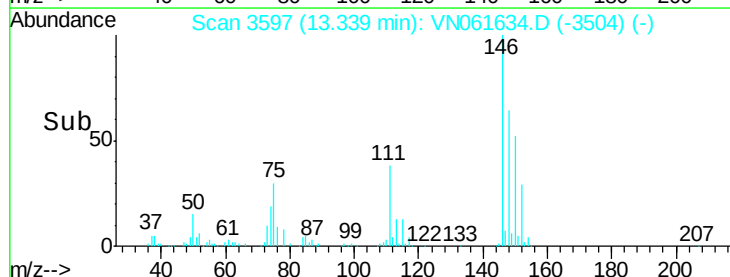
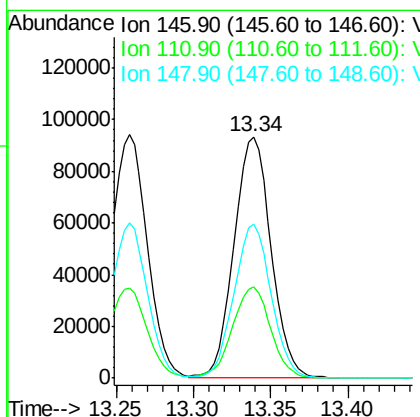
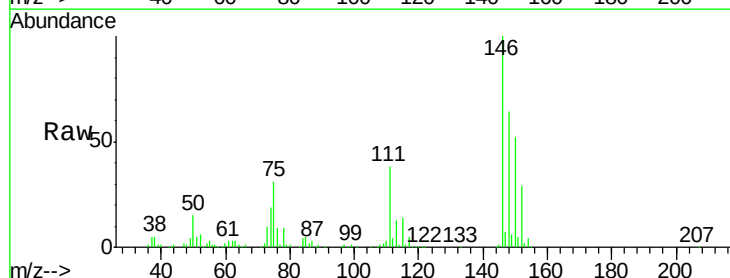
Manual Integrations
 APPROVED

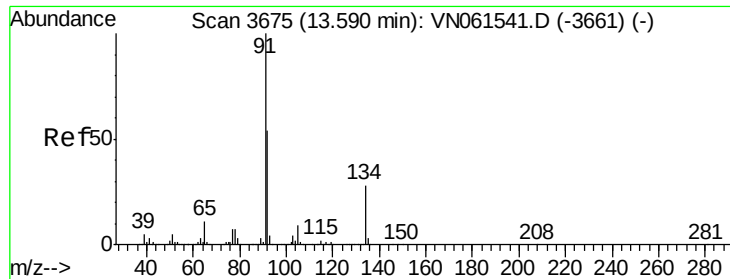
MMDadoda
 6/4/2020 3:08:16 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.574 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.9	56.9
148	64.5	31.8	95.3





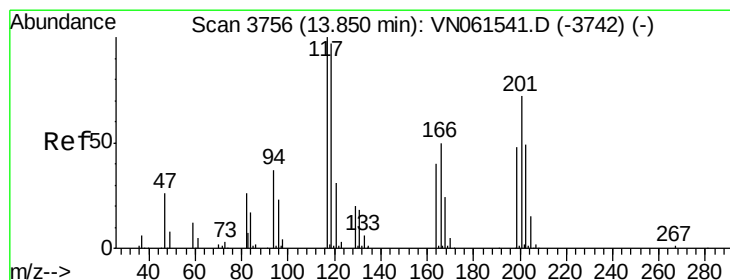
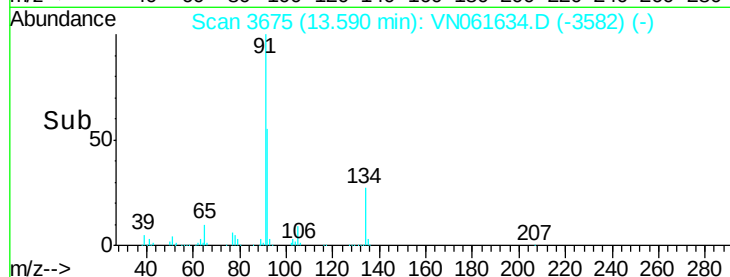
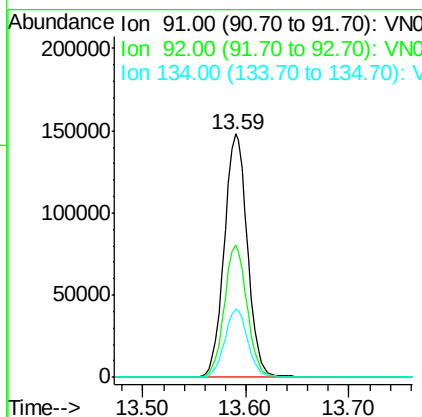
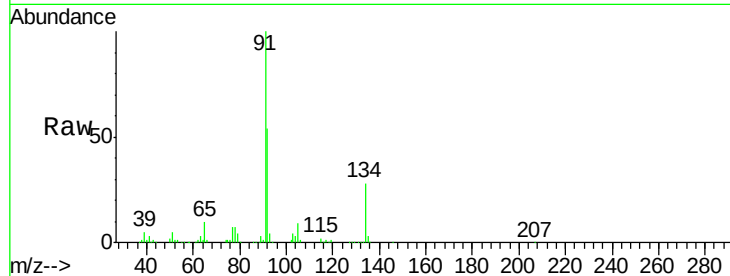
#89
n-Butylbenzene
Concen: 18.417 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	27.2	81.6
134	27.9	14.0	42.0

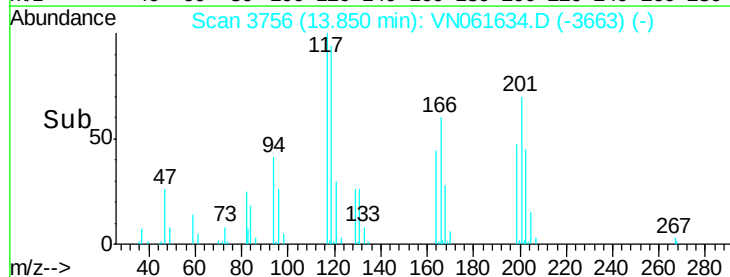
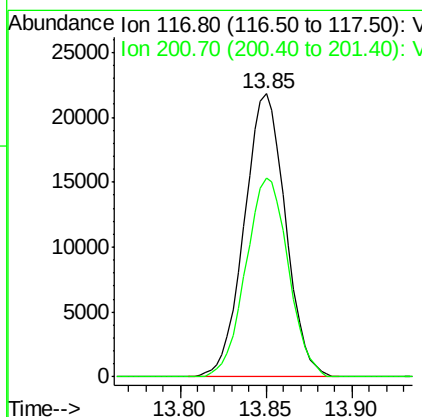
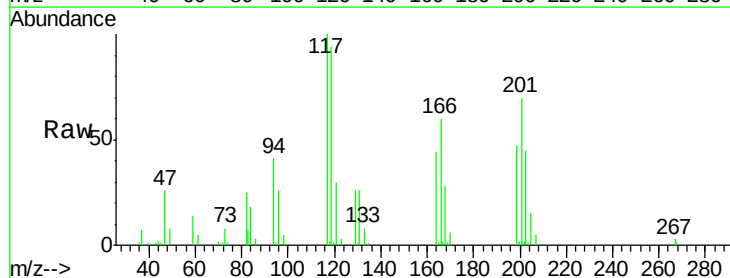
Manual Integrations
APPROVED

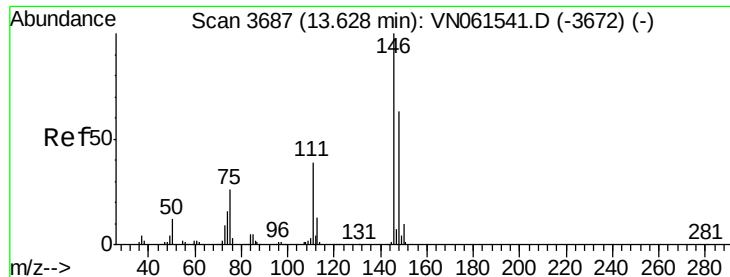
MMDadoda
6/4/2020 3:08:16 PM



#90
Hexachloroethane
Concen: 21.826 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN061634.D
Acq: 3 Jun 2020 13:35

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.3	36.7	110.1





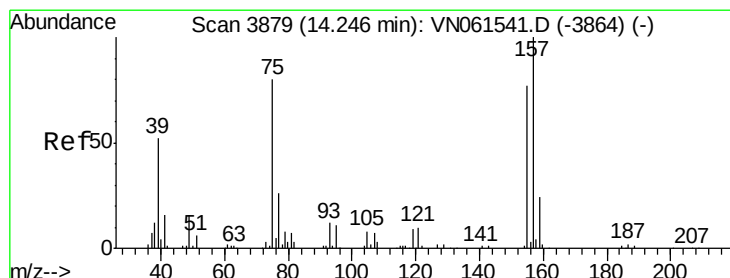
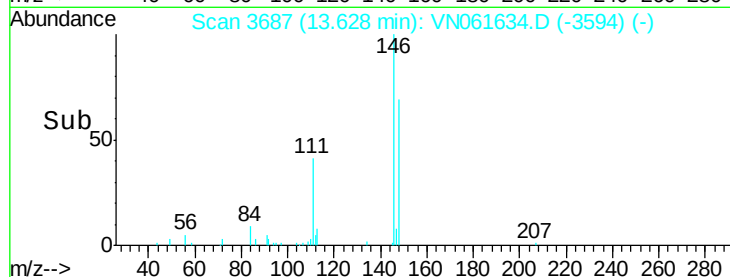
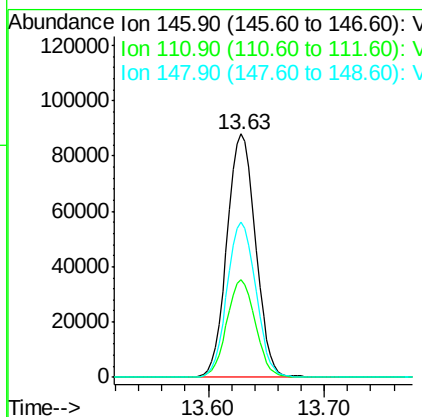
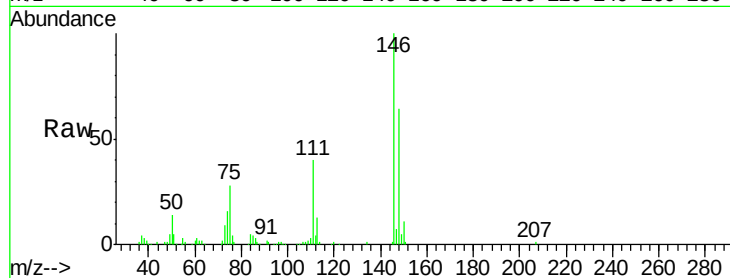
#91
 1,2-Dichlorobenzene
 Concen: 20.379 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.1	60.2
148	64.1	31.9	95.5

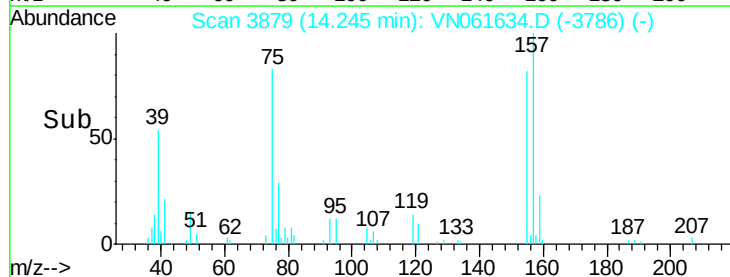
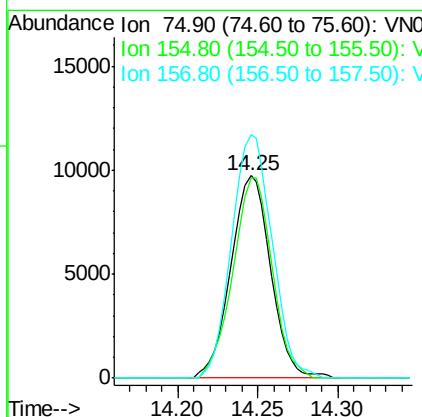
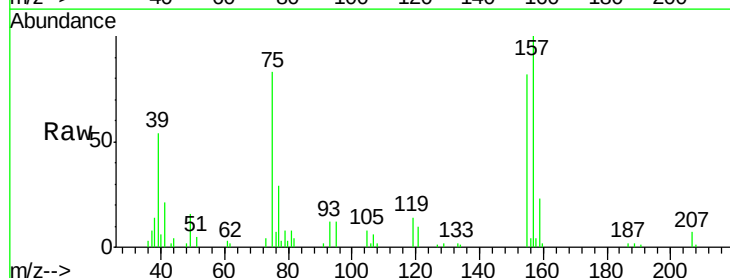
Manual Integrations
 APPROVED

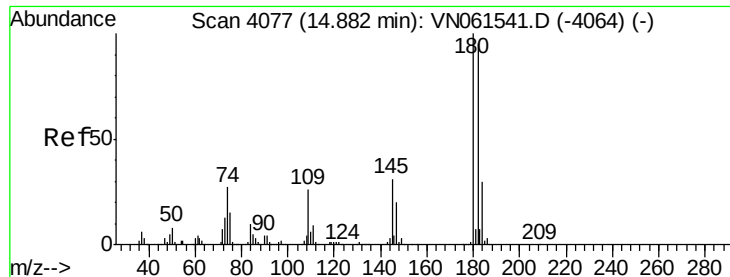
MMDadoda
 6/4/2020 3:08:16 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.859 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.9	47.1	141.4
157	122.0	60.3	180.8





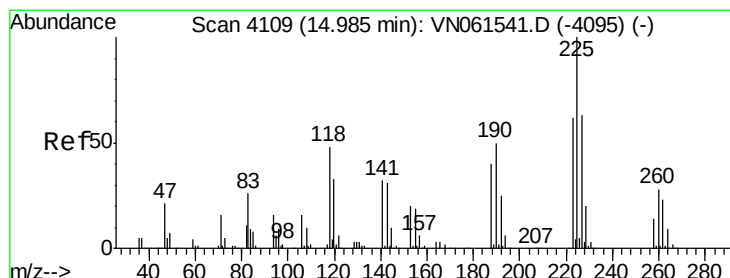
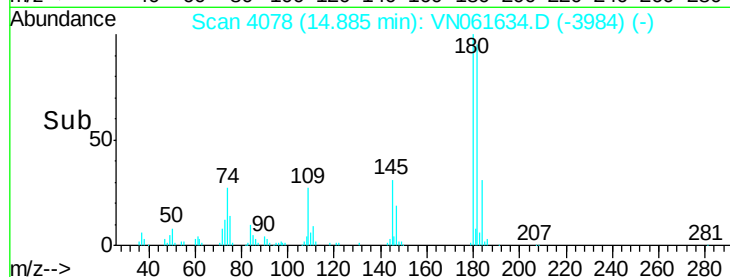
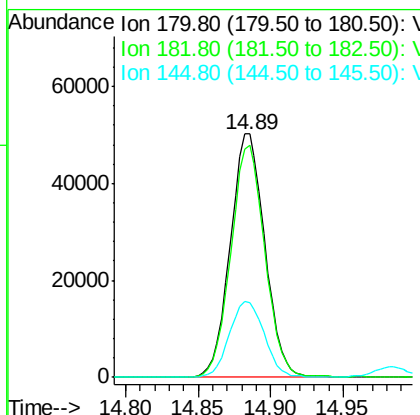
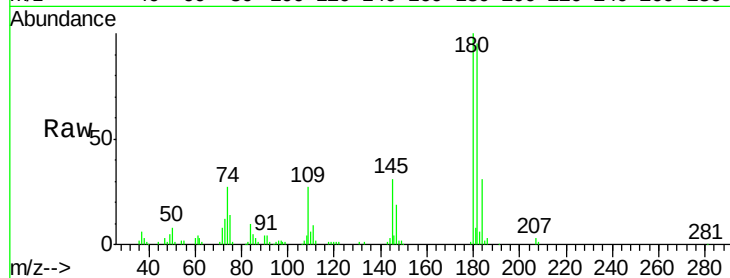
#93
 1,2,4-Trichlorobenzene
 Concen: 19.199 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.8	143.3
145	31.4	15.5	46.5

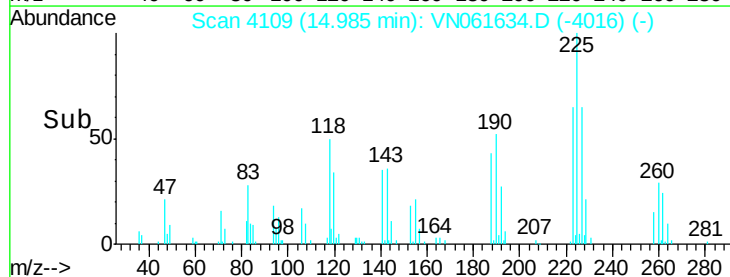
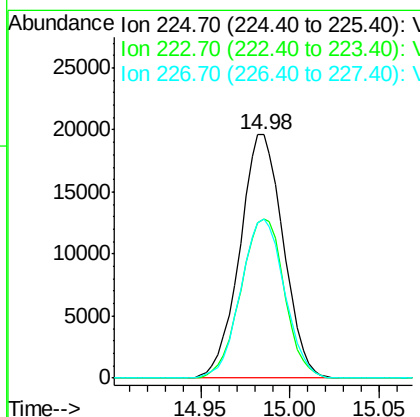
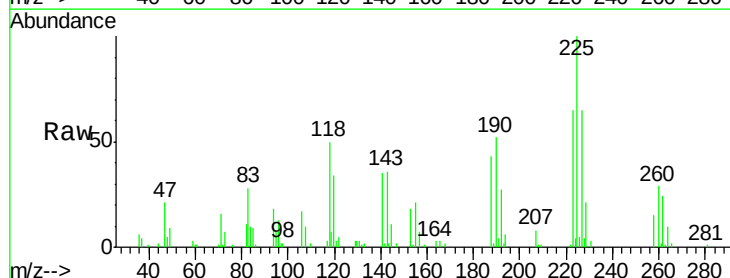
Manual Integrations
 APPROVED

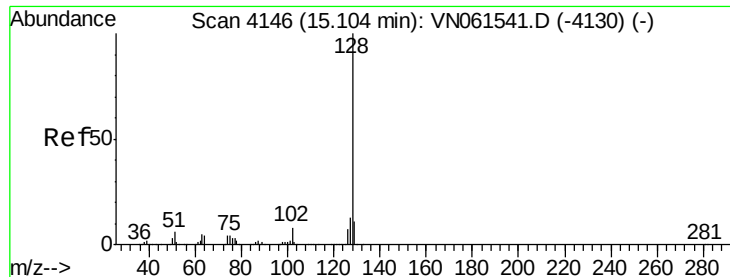
MMDadoda
 6/4/2020 3:08:16 PM



#94
 Hexachlorobutadiene
 Concen: 18.043 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN061634.D
 Acq: 3 Jun 2020 13:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	31.9	95.5
227	65.6	31.9	95.9





#95

Naphthalene

Concen: 19.093 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Instrument :

MSVOA_N

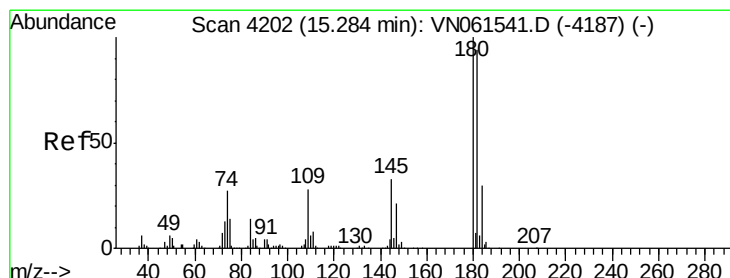
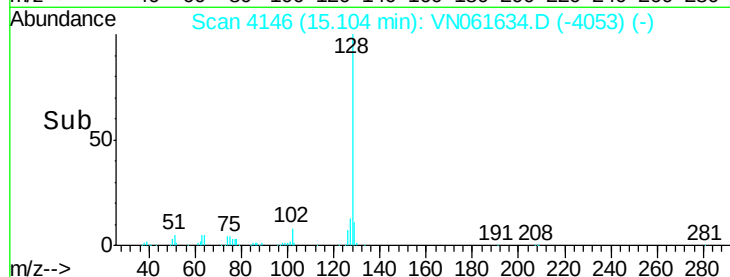
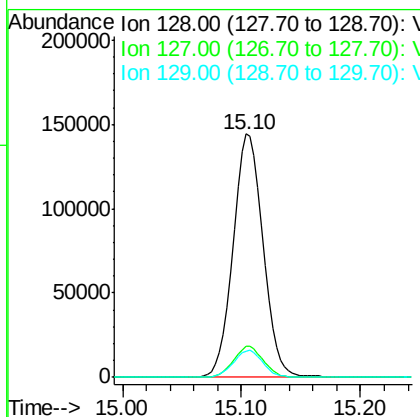
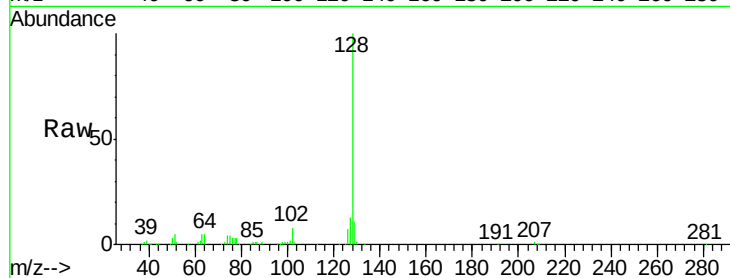
ClientSampleId :

VN0603WBSD01

Tot Ion:	128	Resp:	251684
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.0	15.0
129	10.9	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:08:16 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.616 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061634.D

Acq: 3 Jun 2020 13:35

Tgt Ion:	180	Resp:	83526
Ion Ratio	Lower	Upper	
180	100		
182	94.1	47.1	141.3
145	32.8	16.3	48.9

