

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062286.D
 Acq On : 1 Jul 2020 12:50
 Operator : JC/MD
 Sample : VN0701WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 12:38:48 PM

Quant Time: Jul 01 16:41:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	200941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	369046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	346260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	153125	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	162497	57.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.26%	
35) Dibromofluoromethane	7.54	113	123523	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
50) Toluene-d8	10.06	98	488348	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
62) 4-Bromofluorobenzene	12.37	95	162862	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	42706	18.803	ug/l	96
3) Chloromethane	2.04	50	56284	20.253	ug/l	98
4) Vinyl Chloride	2.16	62	66123	18.487	ug/l	99
5) Bromomethane	2.53	94	45721	19.778	ug/l	99
6) Chloroethane	2.67	64	45981	18.819	ug/l	99
7) Trichlorofluoromethane	2.98	101	79282	17.989	ug/l	99
8) Diethyl Ether	3.37	74	34833	22.634	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	47891	20.750	ug/l	97
10) Methyl Iodide	3.91	142	51024	19.630	ug/l	99
11) Tert butyl alcohol	4.73	59	46598	115.093	ug/l	100
12) 1,1-Dichloroethene	3.70	96	46067	19.966	ug/l	98
13) Acrolein	3.57	56	39527	99.717	ug/l	93
14) Allyl chloride	4.28	41	71750	22.841	ug/l	97
15) Acrylonitrile	4.93	53	129126	117.037	ug/l	99
16) Acetone	3.77	43	109746	121.915	ug/l	100
17) Carbon Disulfide	4.01	76	129097	19.565	ug/l	96
18) Methyl Acetate	4.28	43	55154	24.604	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	163745	22.209	ug/l	95
20) Methylene Chloride	4.50	84	60785	23.366	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	52253	19.880	ug/l	95
22) Diisopropyl ether	5.90	45	166467	23.274	ug/l	95
23) Vinyl Acetate	5.84	43	677760	116.062	ug/l	97
24) 1,1-Dichloroethane	5.80	63	100876	21.902	ug/l	99
25) 2-Butanone	6.79	43	162061	117.579	ug/l	96
26) 2,2-Dichloropropane	6.77	77	79412	20.691	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	60180	20.347	ug/l	95
28) Bromochloromethane	7.15	49	43166	21.601	ug/l	88
29) Tetrahydrofuran	7.17	42	106120	117.537	ug/l	97
30) Chloroform	7.33	83	99513	21.236	ug/l	98
31) Cyclohexane	7.61	56	81668	20.962	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	81829	20.706	ug/l	98
36) 1,1-Dichloropropene	7.75	75	73195	19.732	ug/l	97
37) Ethyl Acetate	6.88	43	68206	22.205	ug/l	98
38) Carbon Tetrachloride	7.73	117	66758	19.089	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062286.D
 Acq On : 1 Jul 2020 12:50
 Operator : JC/MD
 Sample : VN0701WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0701WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 12:38:48 PM

Quant Time: Jul 01 16:41:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	80265	19.748	ug/l	95
40) Benzene	8.00	78	231534	20.478	ug/l	98
41) Methacrylonitrile	7.13	41	30825	21.646	ug/l #	75
42) 1,2-Dichloroethane	8.08	62	83185	21.776	ug/l	98
43) Isopropyl Acetate	8.12	43	110786	22.125	ug/l #	90
44) Trichloroethene	8.80	130	52504	18.409	ug/l	93
45) 1,2-Dichloropropane	9.08	63	60585	21.720	ug/l	95
46) Dibromomethane	9.17	93	39534	20.905	ug/l	96
47) Bromodichloromethane	9.37	83	79712	20.875	ug/l	99
48) Methyl methacrylate	9.17	41	50001	22.271	ug/l	97
49) 1,4-Dioxane	9.16	88	20416	410.056	ug/l #	90
51) 4-Methyl-2-Pentanone	9.95	43	340306	116.323	ug/l	99
52) Toluene	10.12	92	142445	20.649	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	85708	20.401	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	95314	21.310	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	57538	21.218	ug/l	95
56) Ethyl methacrylate	10.40	69	79510	21.970	ug/l	99
57) 1,3-Dichloropropane	10.68	76	100778	21.591	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	143755	103.393	ug/l	96
59) 2-Hexanone	10.72	43	240181	113.694	ug/l	99
60) Dibromochloromethane	10.87	129	58036	20.215	ug/l	100
61) 1,2-Dibromoethane	10.98	107	57283	20.558	ug/l	99
64) Tetrachloroethene	10.60	164	41335	17.476	ug/l	94
65) Chlorobenzene	11.41	112	147809	19.439	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	51123	19.443	ug/l	97
67) Ethyl Benzene	11.48	91	255646	19.907	ug/l	98
68) m/p-Xylenes	11.59	106	194663	39.190	ug/l	97
69) o-Xylene	11.92	106	92914	19.826	ug/l	98
70) Styrene	11.94	104	152972	19.572	ug/l	98
71) Bromoform	12.10	173	35406	18.939	ug/l #	99
73) Isopropylbenzene	12.22	105	244514	20.629	ug/l	100
74) N-amyl acetate	12.05	43	86888	21.925	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	84689	21.471	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	77243m	21.428	ug/l	
77) Bromobenzene	12.50	156	57700	19.608	ug/l	91
78) n-propylbenzene	12.56	91	287004	21.168	ug/l	98
79) 2-Chlorotoluene	12.65	91	172782	21.080	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	201619	20.983	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	25998	21.063	ug/l	95
82) 4-Chlorotoluene	12.75	91	172950	20.404	ug/l	99
83) tert-Butylbenzene	12.97	119	164502	20.005	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	198593	20.694	ug/l	98
85) sec-Butylbenzene	13.15	105	231047	21.263	ug/l	100
86) p-Isopropyltoluene	13.26	119	198458	20.847	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	102845	19.903	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	102161	19.179	ug/l	98
89) n-Butylbenzene	13.59	91	164749	20.816	ug/l	98
90) Hexachloroethane	13.85	117	39025	20.894	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	100325	20.021	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	14223	22.509	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
Data File : VN062286.D
Acq On : 1 Jul 2020 12:50
Operator : JC/MD
Sample : VN0701WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

Manual Integrations
APPROVED

MMDadoda
7/2/2020 12:38:48 PM

Quant Time: Jul 01 16:41:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	41680	19.040	ug/l	98
94) Hexachlorobutadiene	14.98	225	20534	21.597	ug/l	98
95) Naphthalene	15.10	128	115550	18.562	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	43324	19.356	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBSD01

Tot Ion:168 Resp: 200941

Ion Ratio Lower Upper

168 100

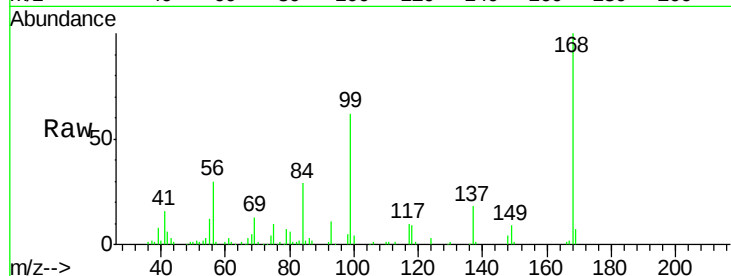
99 61.8 45.8 68.8

Manual Integrations

APPROVED

MMDadoda

7/2/2020 12:38:48 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

80000

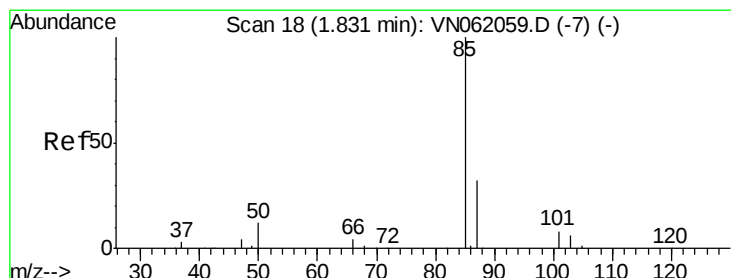
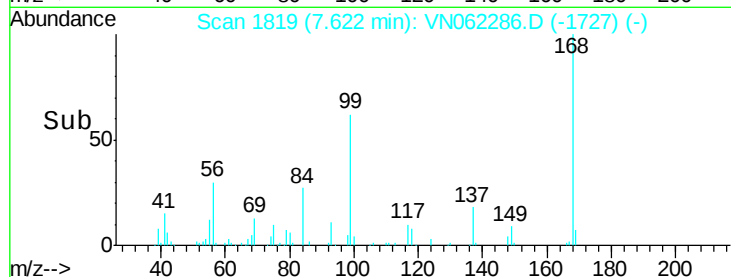
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 18.803 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062286.D

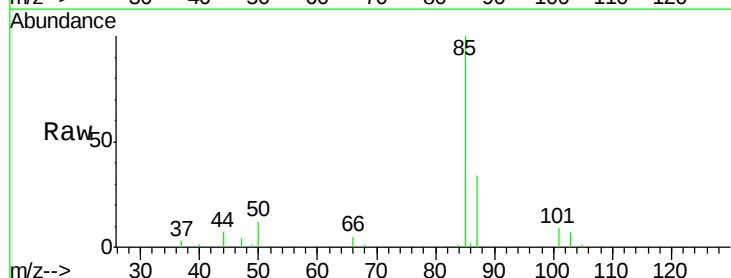
Acq: 1 Jul 2020 12:50

Tgt Ion: 85 Resp: 42706

Ion Ratio Lower Upper

85 100

87 34.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

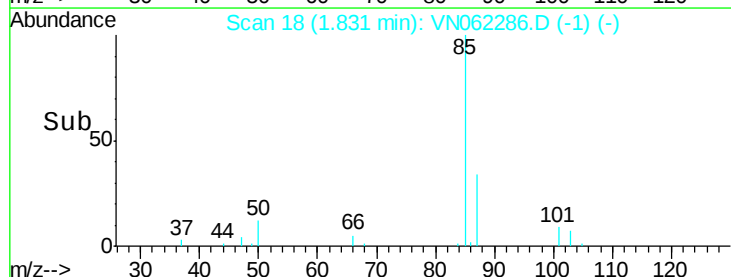
30000

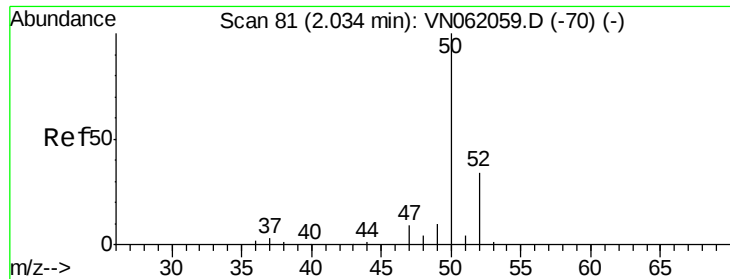
20000

10000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 20.253 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBSD01

Tot Ion: 50 Resp: 56284

Ion Ratio Lower Upper

50 100

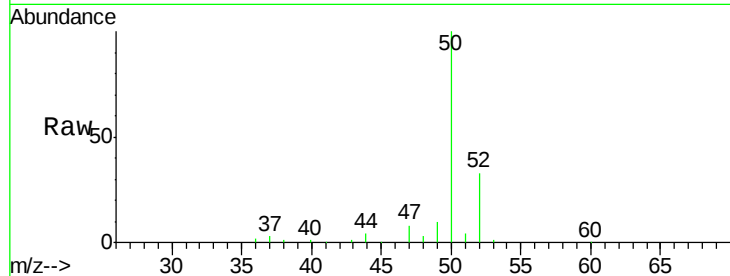
52 32.9 27.0 40.6

Manual Integrations

APPROVED

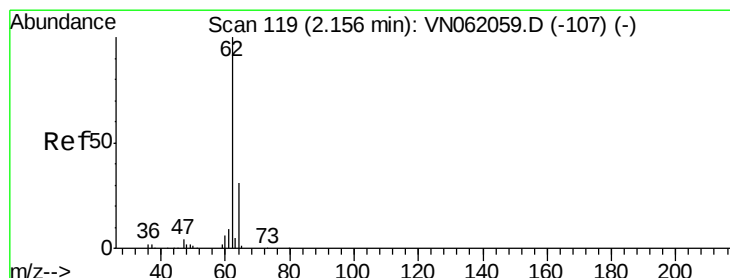
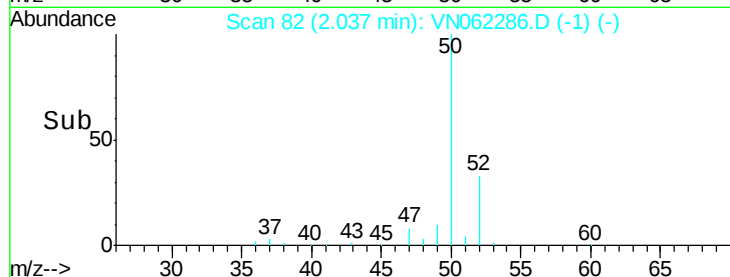
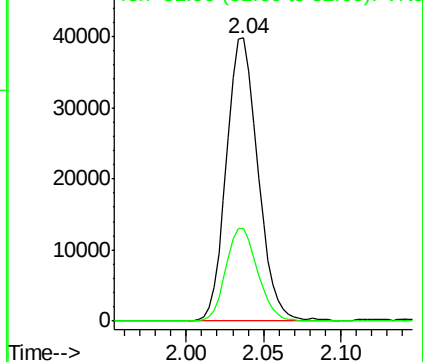
MMDadoda

7/2/2020 12:38:48 PM



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 18.487 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062286.D

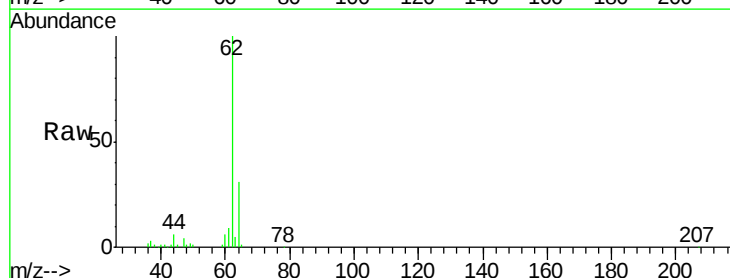
Acq: 1 Jul 2020 12:50

Tgt Ion: 62 Resp: 66123

Ion Ratio Lower Upper

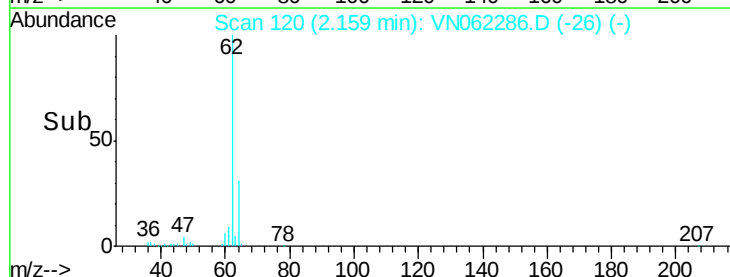
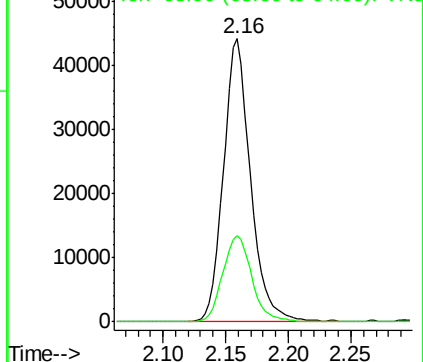
62 100

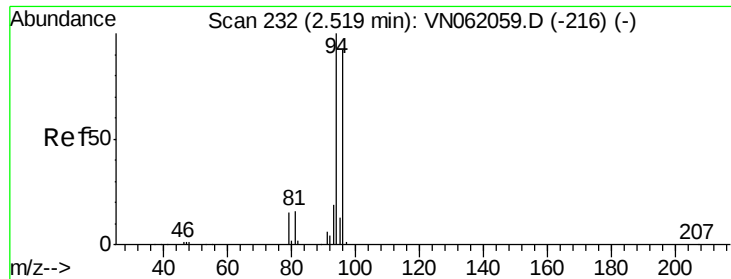
64 30.6 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 19.778 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.01 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBSD01

Tot Ion: 94 Resp: 45721

Ion Ratio Lower Upper

94 100

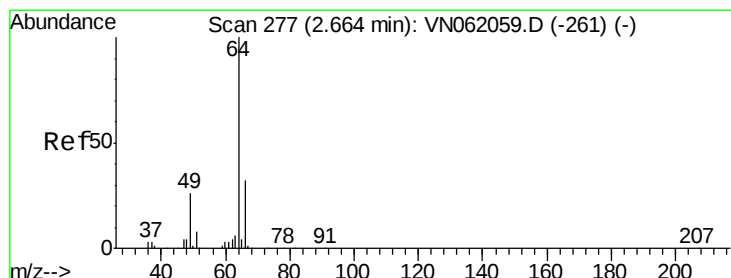
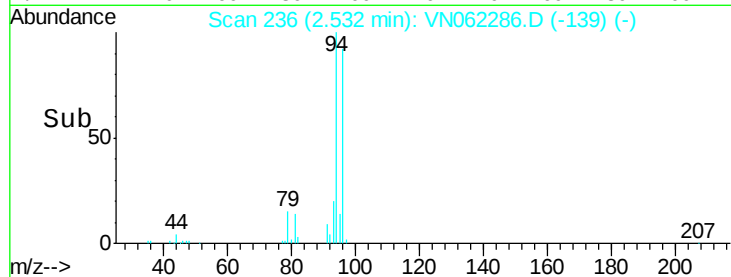
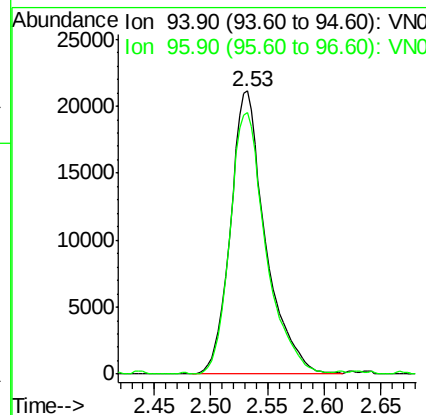
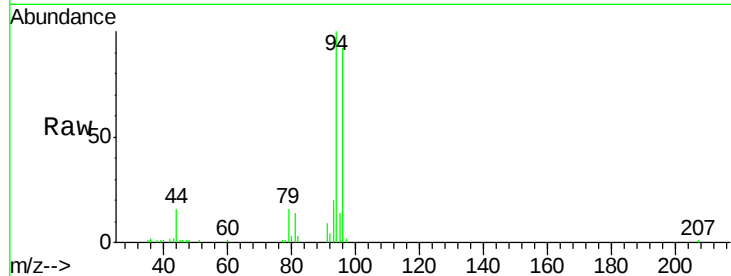
96 92.4 73.4 110.2

Manual Integrations

APPROVED

MMDadoda

7/2/2020 12:38:48 PM



#6

Chloroethane

Concen: 18.819 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062286.D

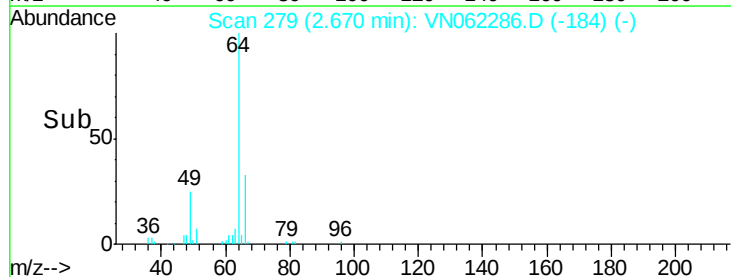
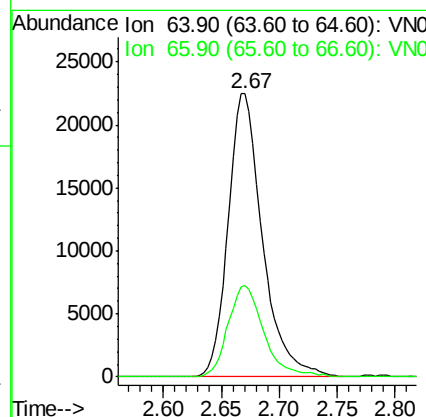
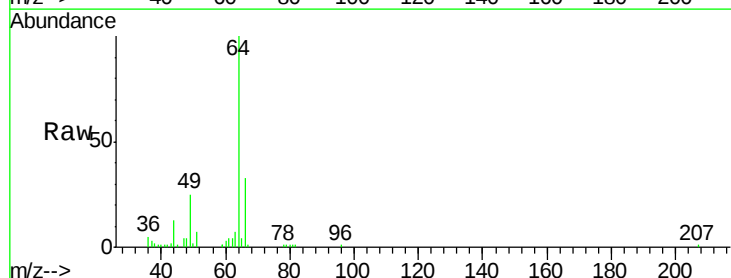
Acq: 1 Jul 2020 12:50

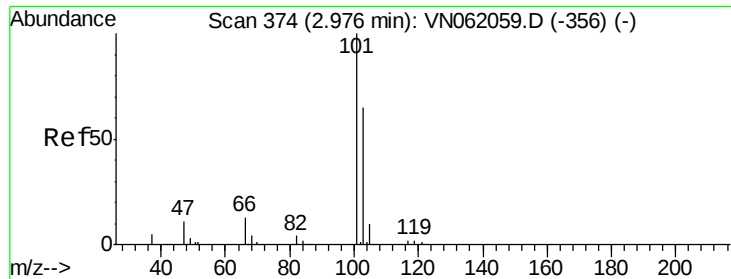
Tgt Ion: 64 Resp: 45981

Ion Ratio Lower Upper

64 100

66 32.5 25.8 38.6





#7

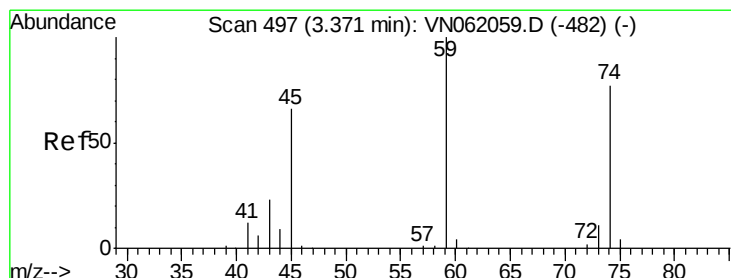
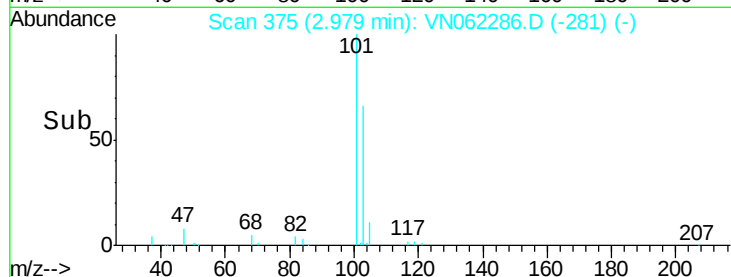
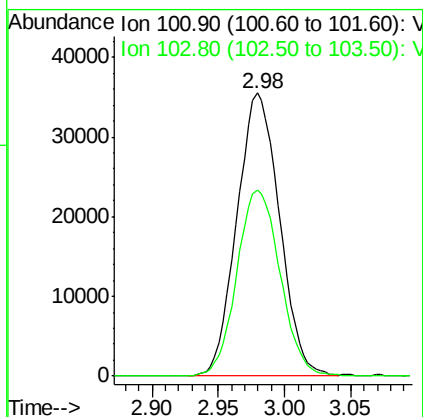
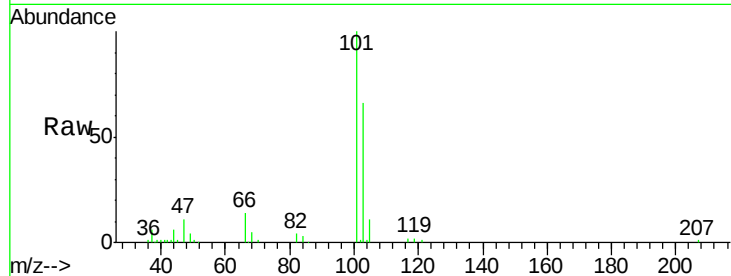
Trichlorofluoromethane
Concen: 17.989 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	51.8	77.6

Manual Integrations
APPROVED

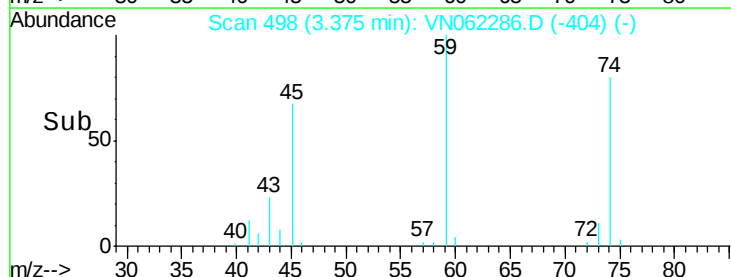
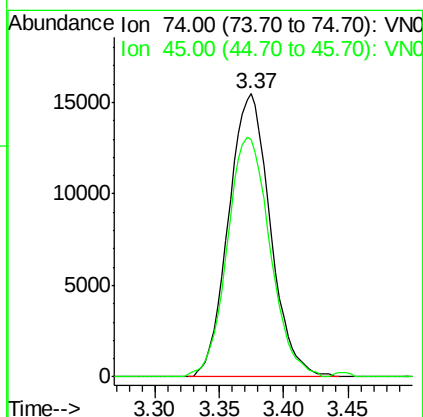
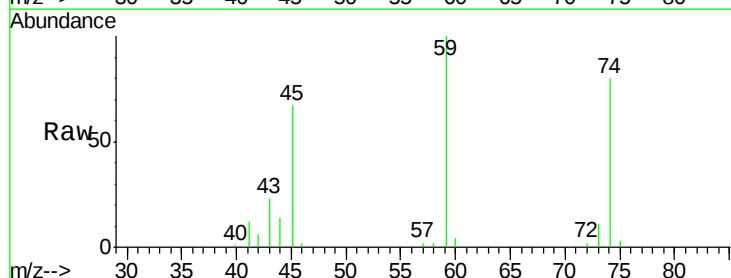
MMDadoda
7/2/2020 12:38:48 PM

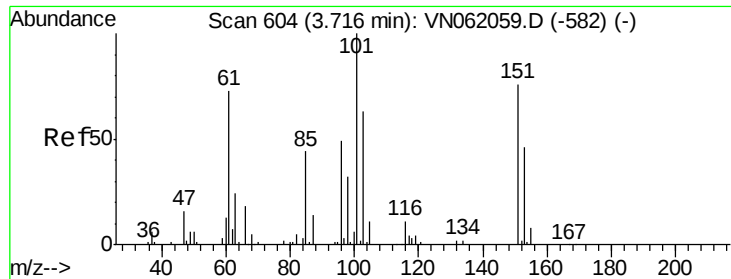


#8

Diethyl Ether
Concen: 22.634 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.7	42.5	127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.750 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

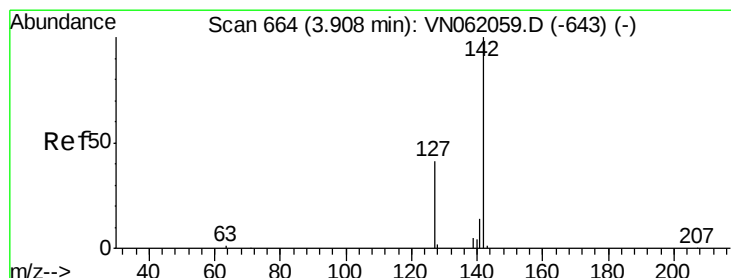
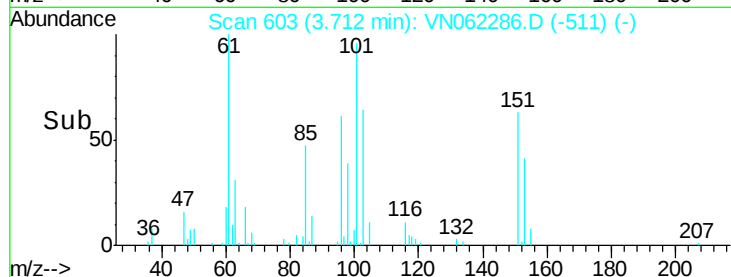
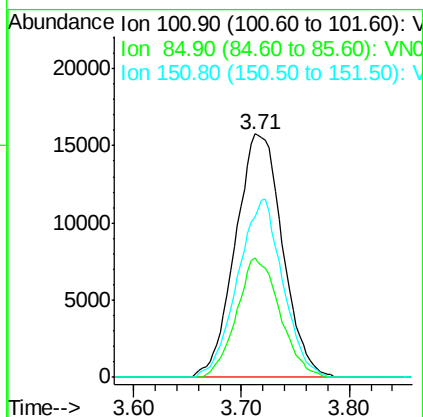
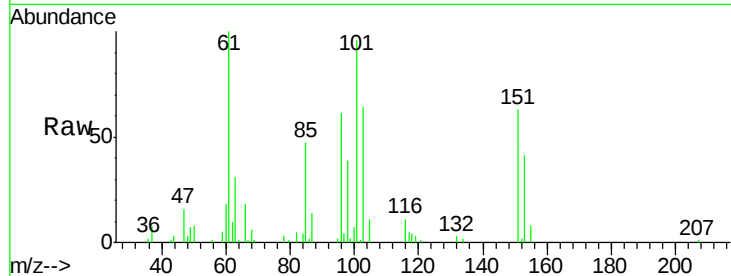
ClientSampleId :

VN0701WBSD01

Tot Ion:	101	Resp:	47891
Ion Ratio	Lower	Upper	
101	100		
85	44.9	34.5	51.7
151	69.8	57.8	86.8

Manual Integrations
APPROVED

MMDadoda
7/2/2020 12:38:48 PM



#10

Methyl Iodide

Concen: 19.630 ug/l

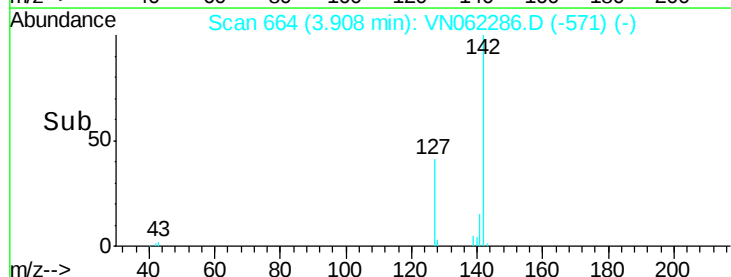
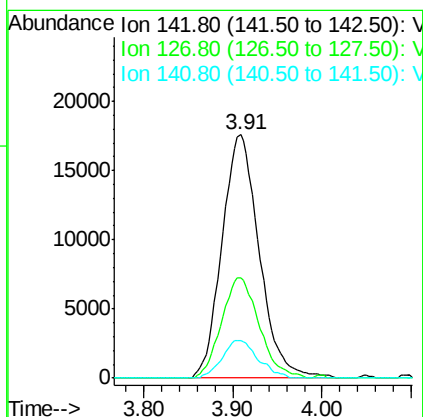
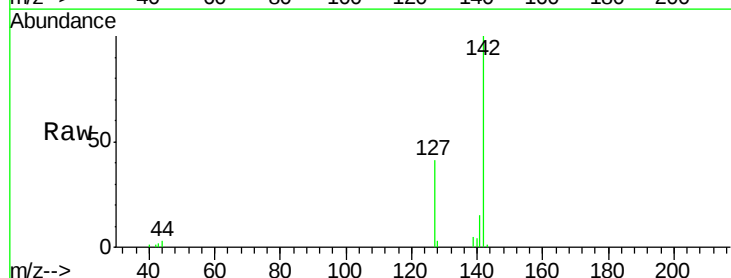
RT: 3.91 min Scan# 664

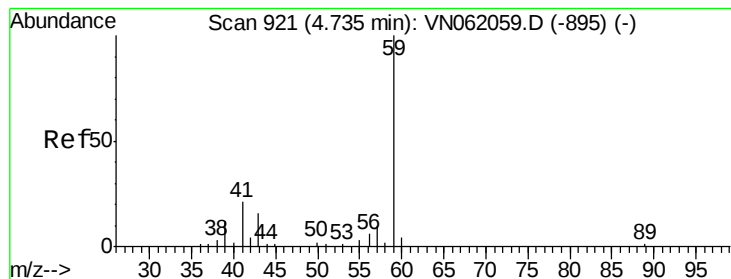
Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Tgt Ion:	142	Resp:	51024
Ion Ratio	Lower	Upper	
142	100		
127	41.6	33.6	50.4
141	14.9	11.3	16.9





#11

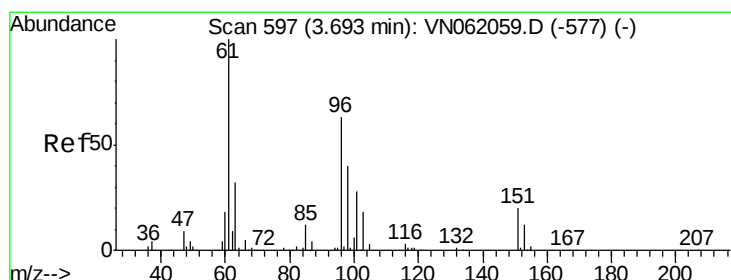
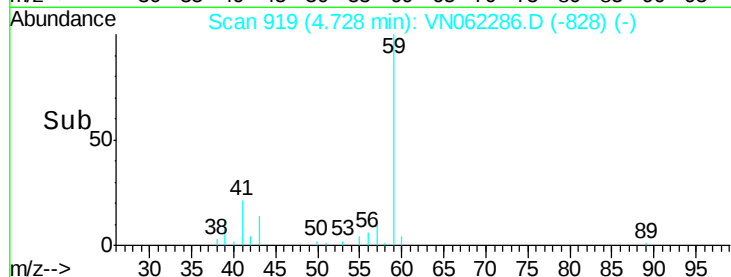
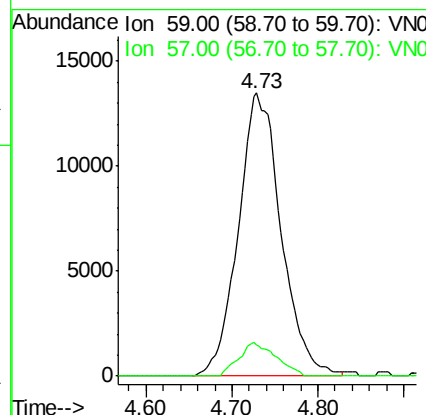
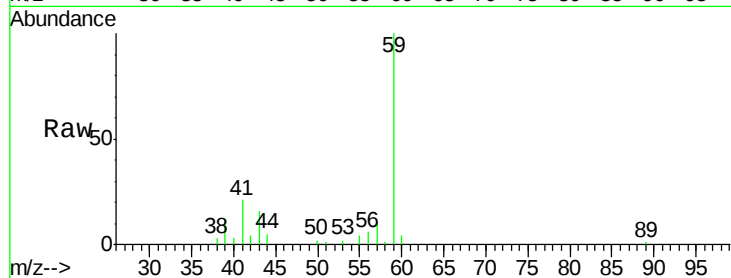
Tert butyl alcohol
Concen: 115.093 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.01 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

Tot Ion	59	57	Ratio	100	10.2	Resp	Lower	Upper
46598							8.3	12.5

Manual Integrations
APPROVED

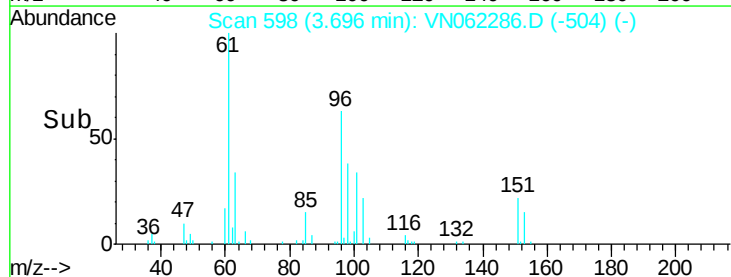
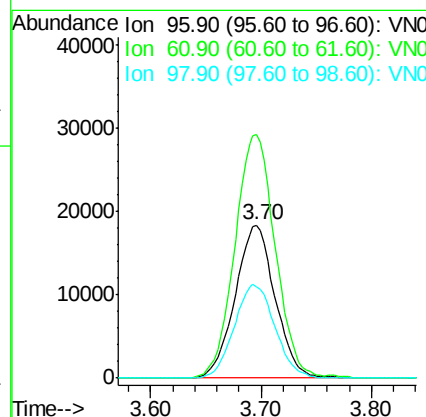
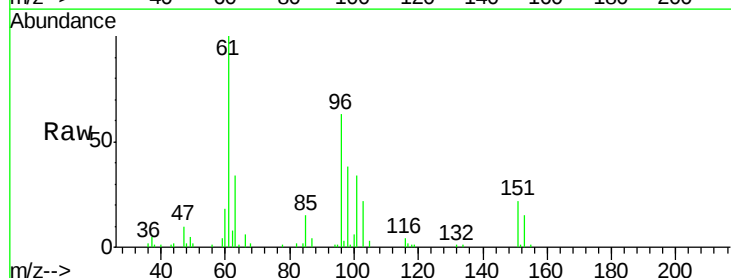
MMDadoda
7/2/2020 12:38:48 PM

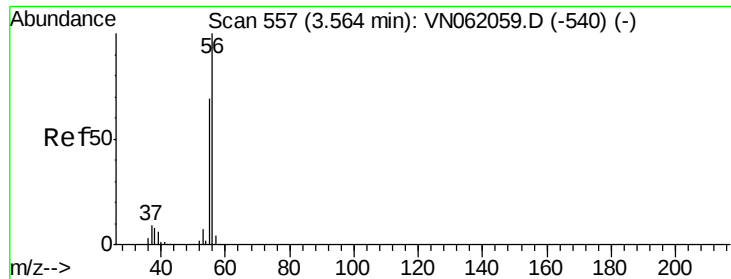


#12

1,1-Dichloroethene
Concen: 19.966 ug/l
RT: 3.70 min Scan# 598
Delta R.T. 0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Tgt Ion	96	61	98	Ratio	100	159.3	60.1	Resp	Lower	Upper
46067									126.7	190.1





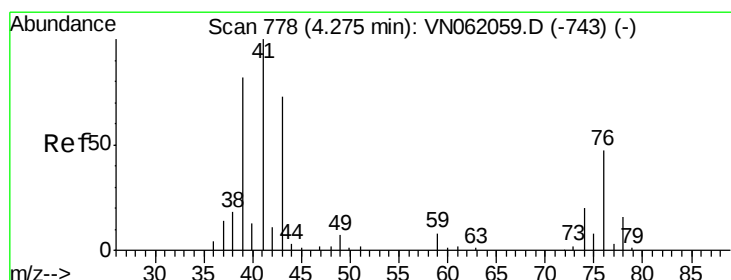
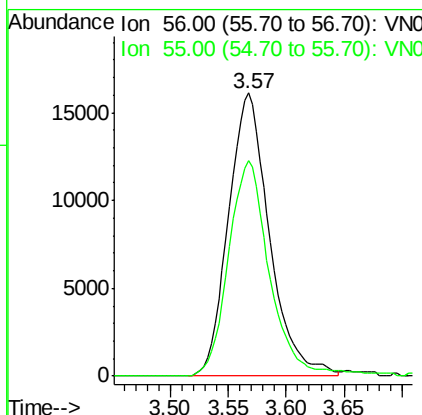
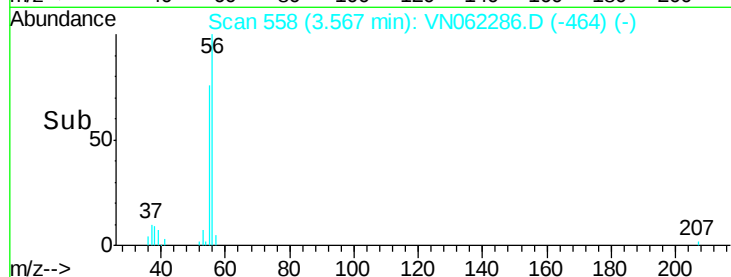
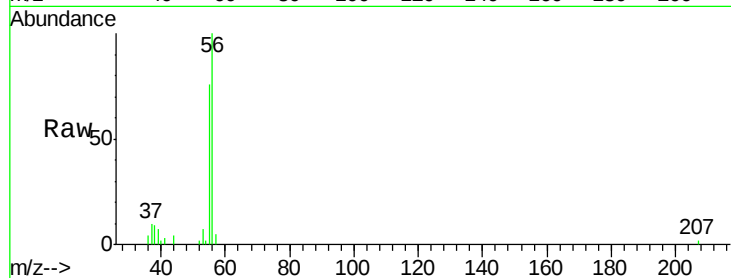
#13
Acrolein
Concen: 99.717 ug/l
RT: 3.57 min Scan# 558
Delta R.T. 0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

Tot Ion	56	Resp	39527
Ion Ratio	100	Lower	Upper
56	100		
55	74.9	55.5	83.3

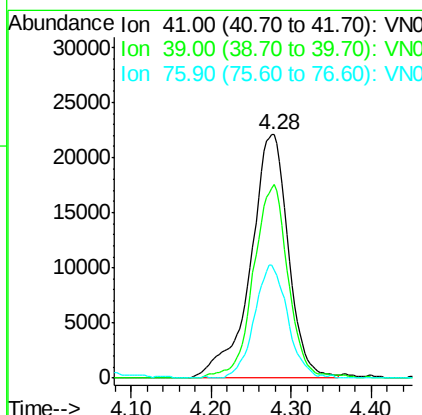
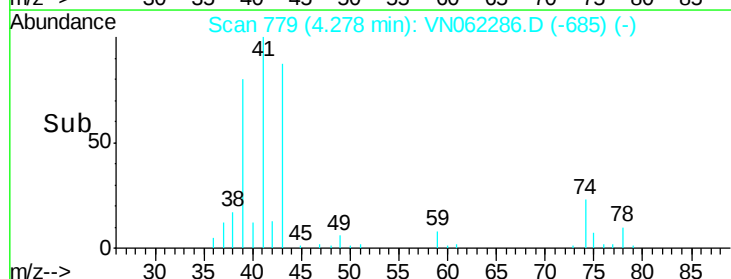
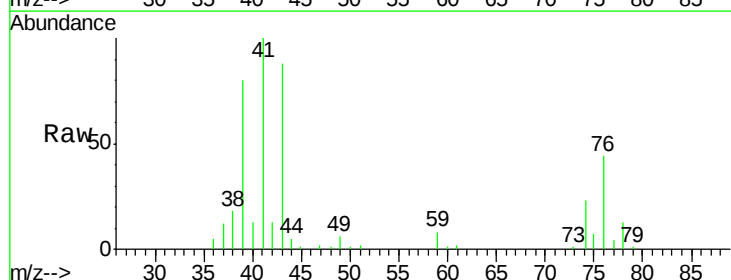
Manual Integrations
APPROVED

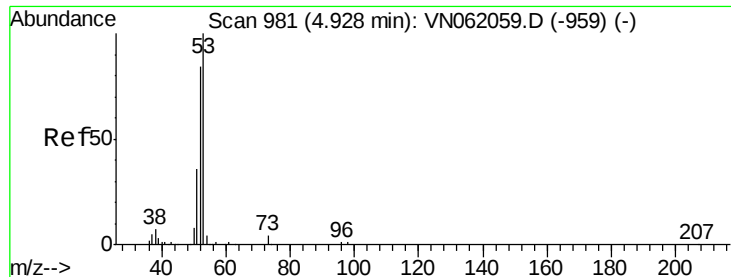
MMDadoda
7/2/2020 12:38:48 PM



#14
Allyl chloride
Concen: 22.841 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Tgt Ion	41	Resp	71750
Ion Ratio	100	Lower	Upper
41	100		
39	72.3	60.0	90.0
76	40.5	34.1	51.1





#15

Acrylonitrile

Concen: 117.037 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

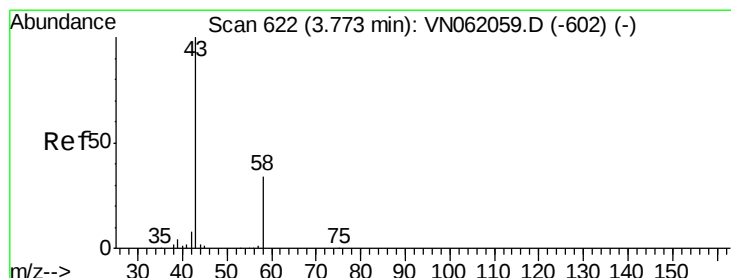
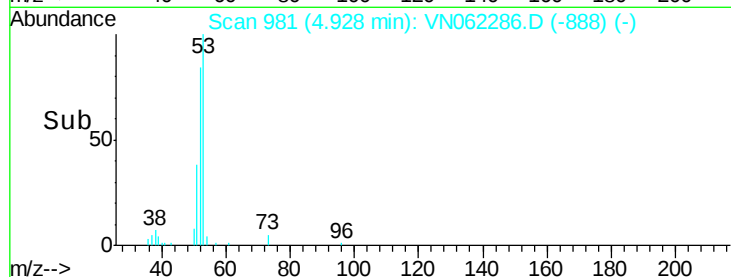
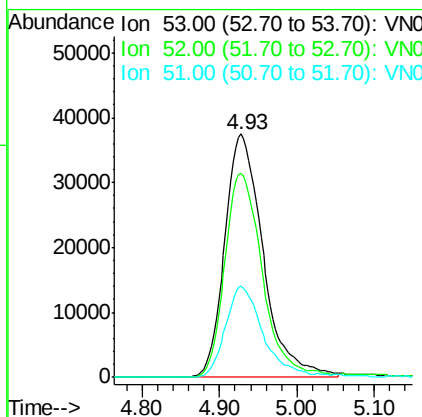
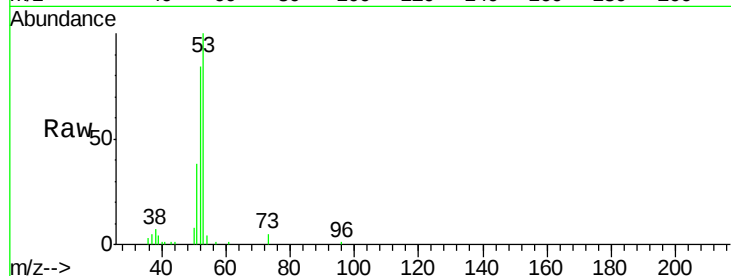
ClientSampled :

VN0701WBSD01

Tot Ion:	53	Resp:	129126
Ion Ratio	Lower	Upper	
53	100		
52	82.2	66.2	99.4
51	36.4	28.9	43.3

Manual Integrations
APPROVED

MMDadoda
7/2/2020 12:38:48 PM



#16

Acetone

Concen: 121.915 ug/l

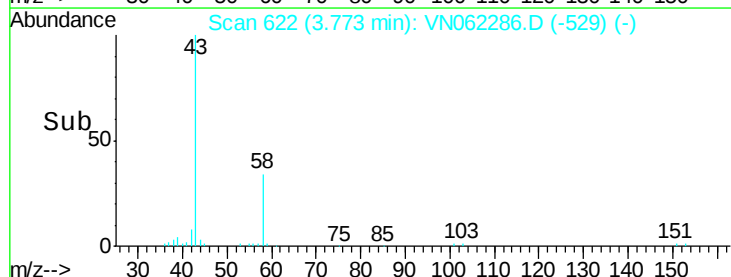
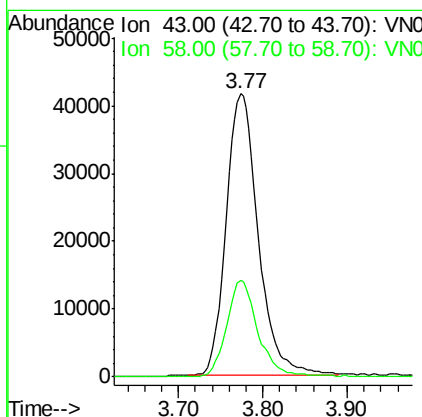
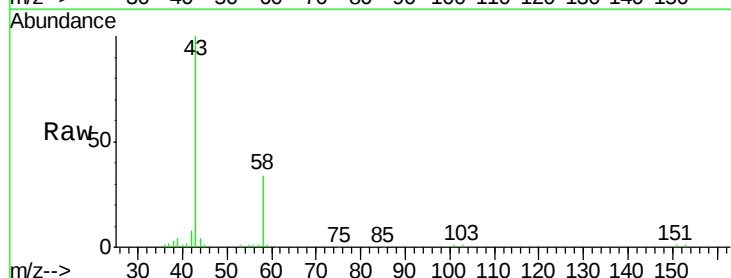
RT: 3.77 min Scan# 622

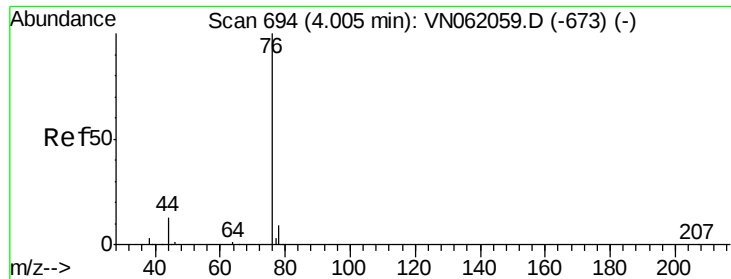
Delta R.T. 0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Tgt Ion:	43	Resp:	109746
Ion Ratio	Lower	Upper	
43	100		
58	34.4	27.5	41.3





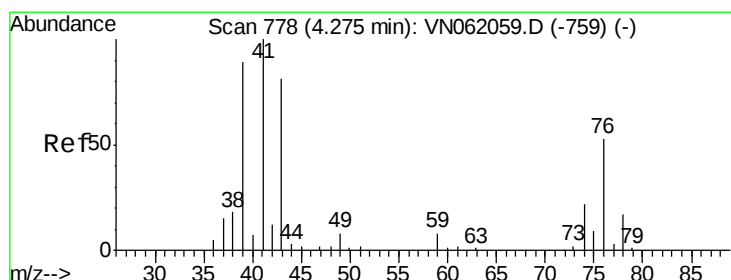
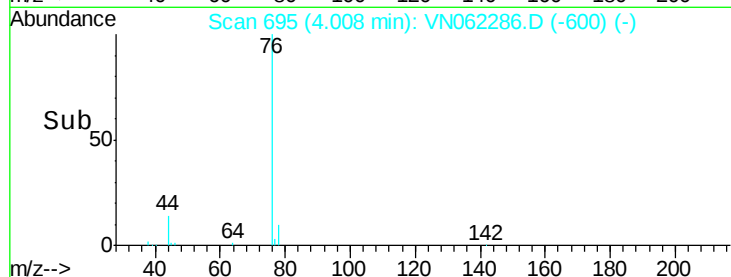
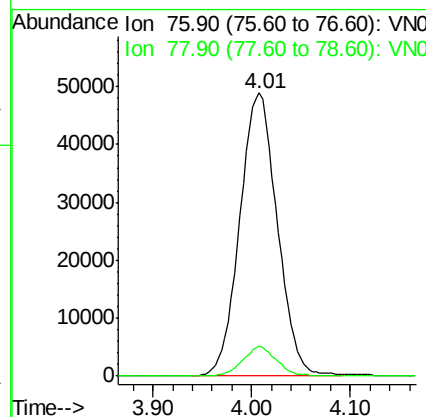
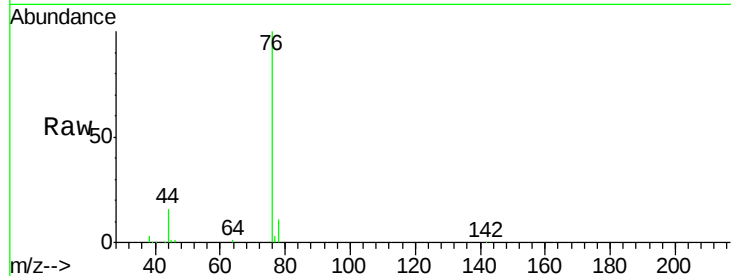
#17
Carbon Disulfide
Concen: 19.565 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

Tot Ion: 76 Resp: 129097
Ion Ratio Lower Upper
76 100
78 10.6 7.2 10.8

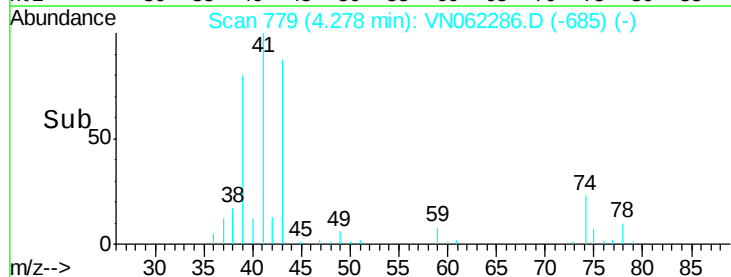
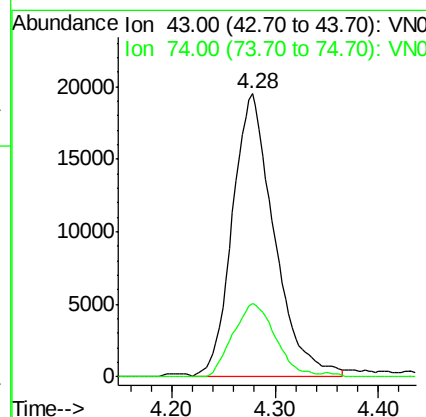
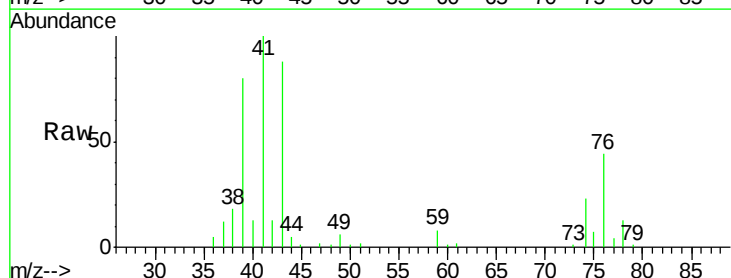
Manual Integrations
APPROVED

MMDadoda
7/2/2020 12:38:48 PM



#18
Methyl Acetate
Concen: 24.604 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Tgt Ion: 43 Resp: 55154
Ion Ratio Lower Upper
43 100
74 26.4 22.9 34.3





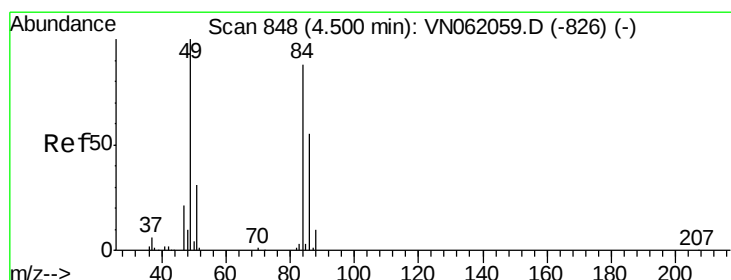
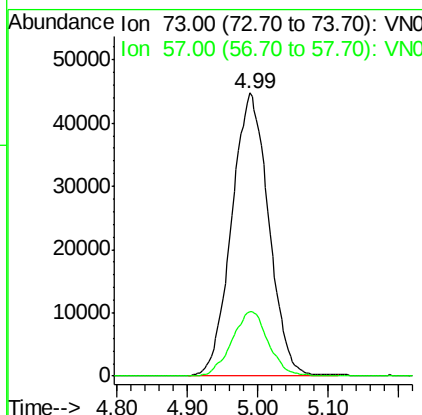
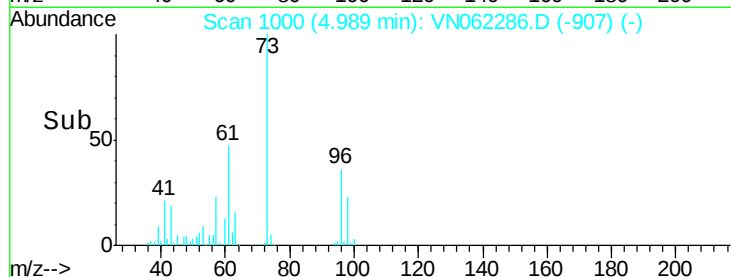
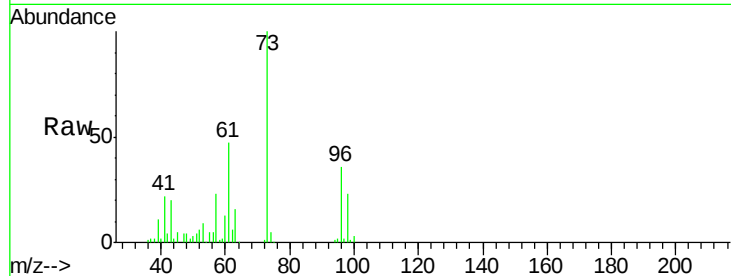
#19
Methvl tert-butvl Ether
Concen: 22.209 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

Tot Ion: 73 Resp: 163745
Ion Ratio Lower Upper
73 100
57 23.0 16.6 24.8

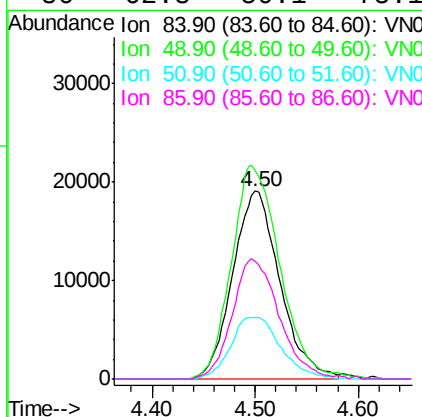
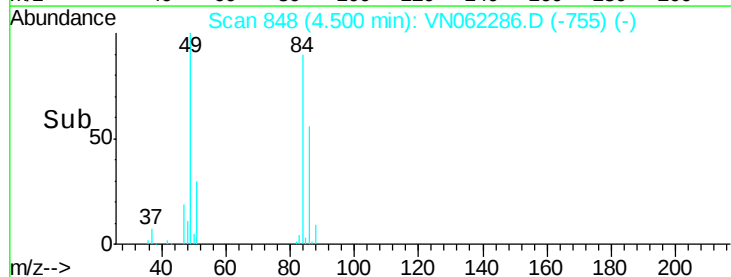
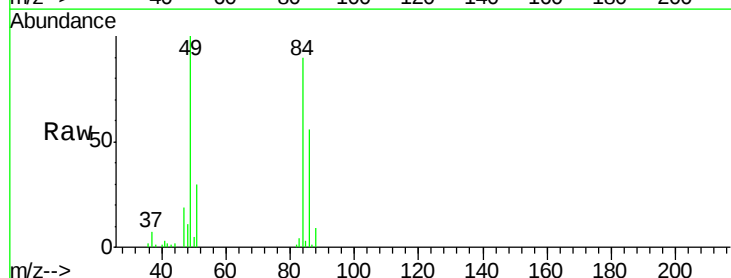
Manual Integrations
APPROVED

MMDadoda
7/2/2020 12:38:48 PM



#20
Methylene Chloride
Concen: 23.366 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Tgt Ion: 84 Resp: 60785
Ion Ratio Lower Upper
84 100
49 111.1 90.6 136.0
51 33.0 27.8 41.8
86 62.8 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 19.880 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

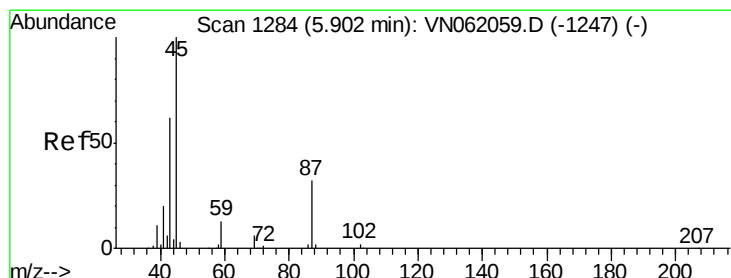
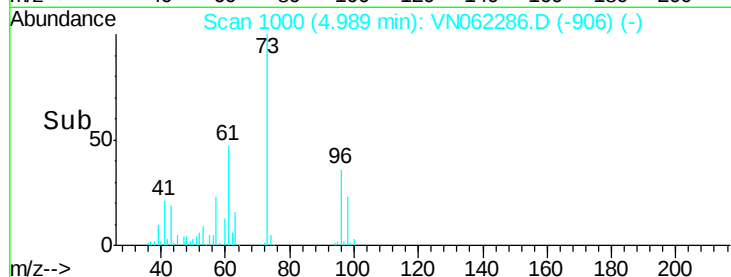
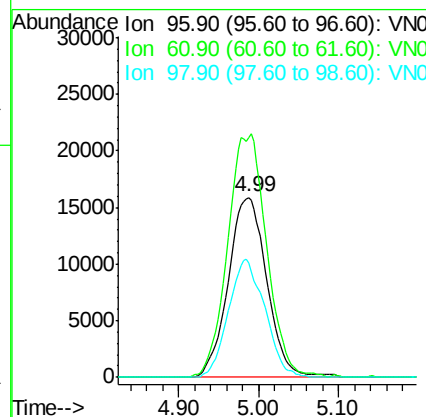
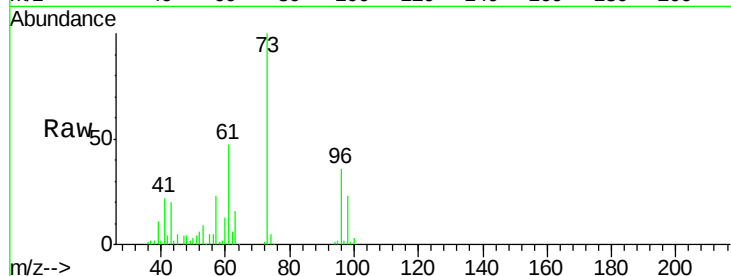
ClientSampleId :

VN0701WBSD01

Tot Ion:	96	Resp:	52253
Ion	Ratio	Lower	Upper
96	100		
61	133.5	101.4	152.2
98	63.3	49.3	73.9

Manual Integrations
APPROVED

MMDadoda
7/2/2020 12:38:48 PM



#22

Diisopropyl ether

Concen: 23.274 ug/l

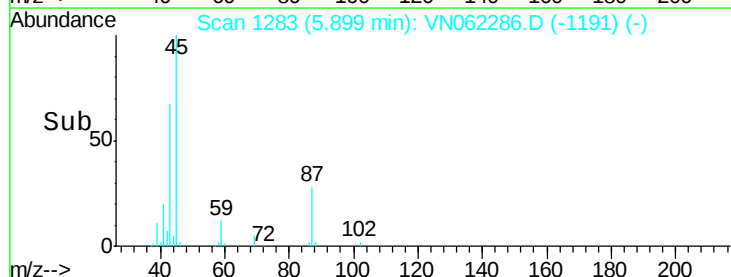
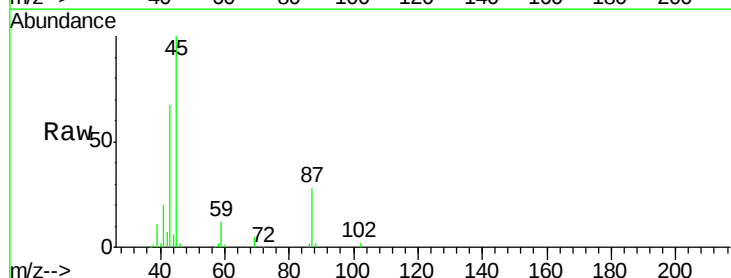
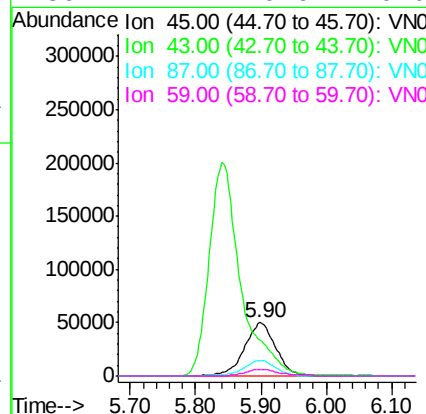
RT: 5.90 min Scan# 1283

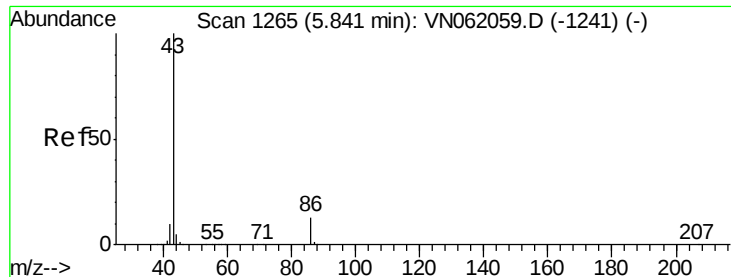
Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Tgt Ion:	45	Resp:	166467
Ion	Ratio	Lower	Upper
45	100		
43	65.5	49.7	74.5
87	28.4	25.9	38.9
59	12.2	10.6	16.0





#23

Vinyl Acetate

Concen: 116.062 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBSD01

Tot Ion: 43 Resp: 677760

Ion Ratio Lower Upper

43 100

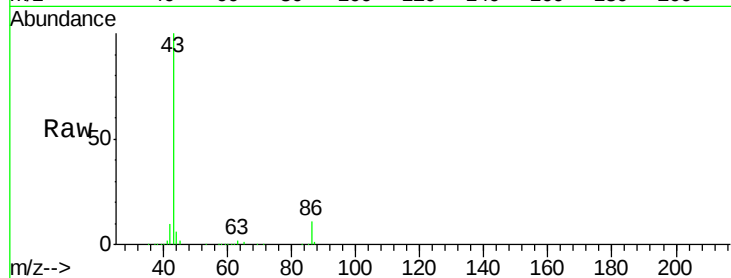
86 11.4 10.1 15.1

Manual Integrations

APPROVED

MMDadoda

7/2/2020 12:38:48 PM



Abundance Ion 43.00 (42.70 to 43.70): VN062286.D (-1172) (-)

Ion 86.00 (85.70 to 86.70): VN062286.D (-1172) (-)

5.84

200000

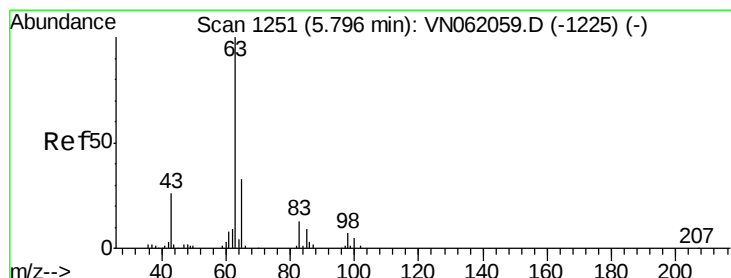
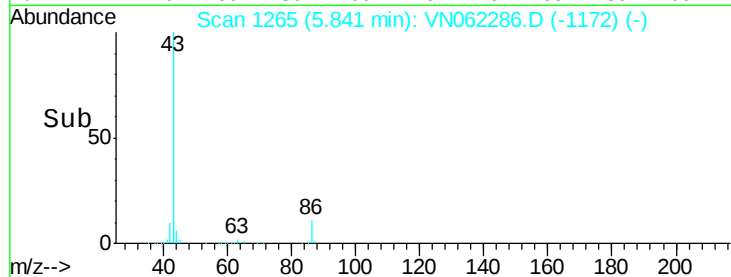
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.902 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

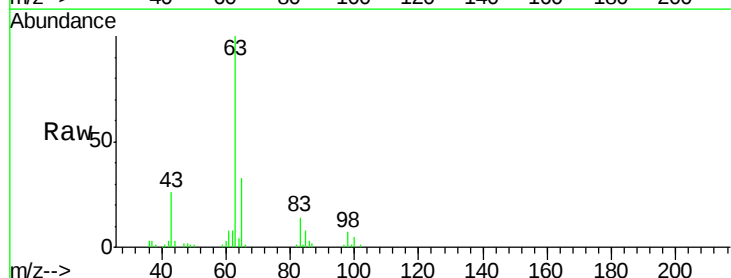
Tgt Ion: 63 Resp: 100876

Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.9

100 4.7 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062286.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062286.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062286.D (-1158) (-)

5.80

40000

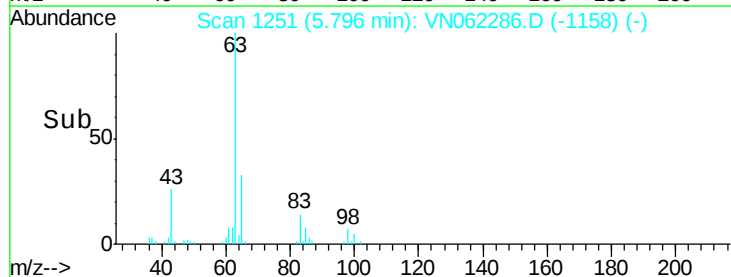
30000

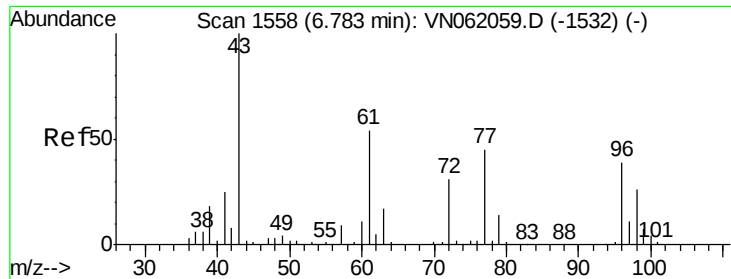
20000

10000

0

Time-->





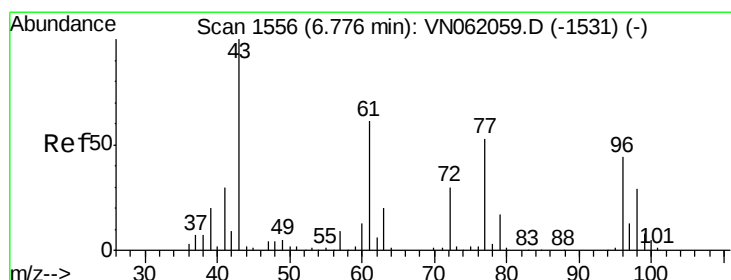
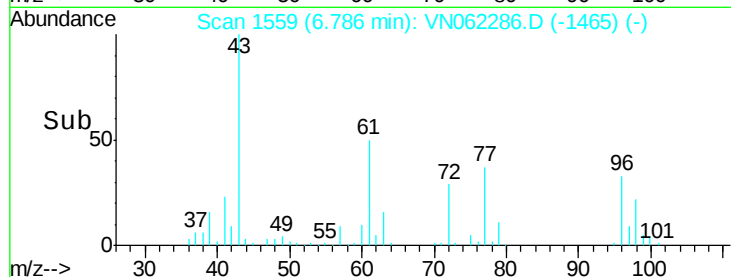
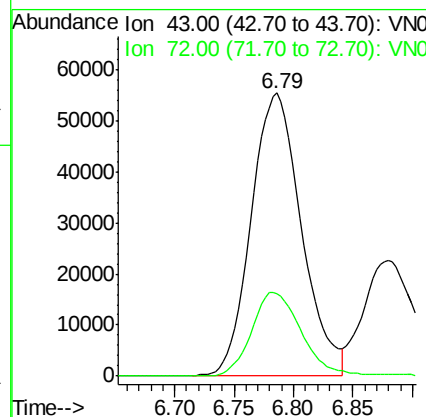
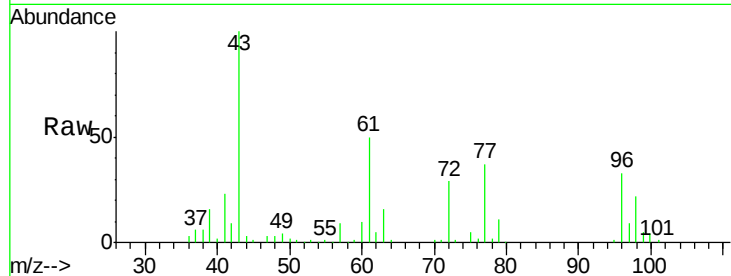
#25
2-Butanone
Concen: 117.579 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

Tot Ion: 43 Resp: 162061
Ion Ratio Lower Upper
43 100
72 29.1 24.8 37.2

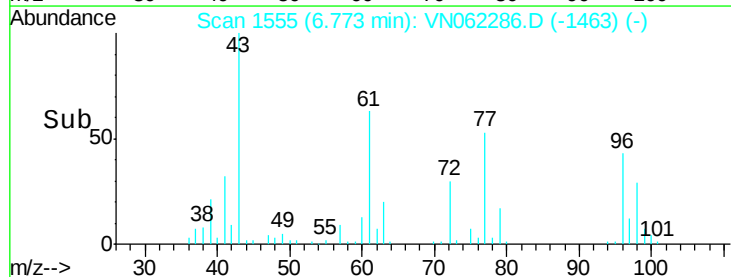
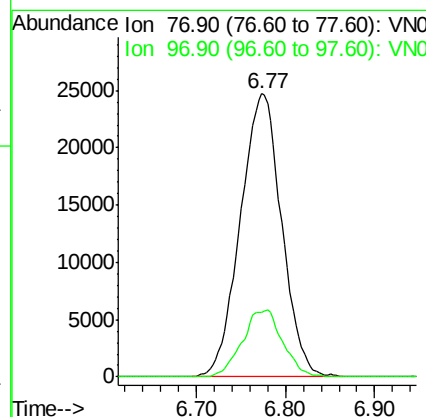
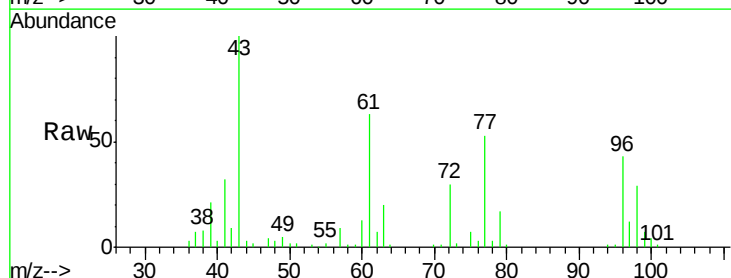
Manual Integrations
APPROVED

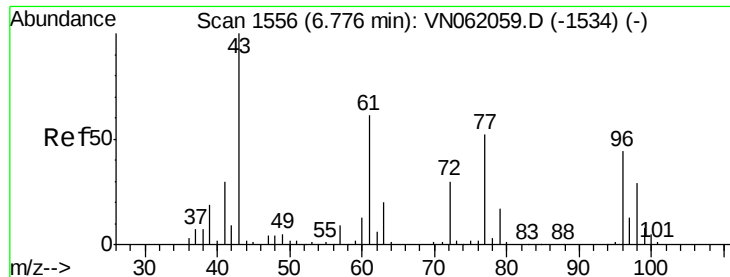
MMDadoda
7/2/2020 12:38:48 PM



#26
2,2-Dichloropropane
Concen: 20.691 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Tgt Ion: 77 Resp: 79412
Ion Ratio Lower Upper
77 100
97 23.0 11.8 35.3





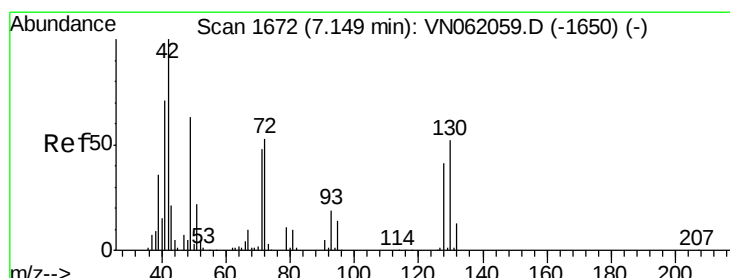
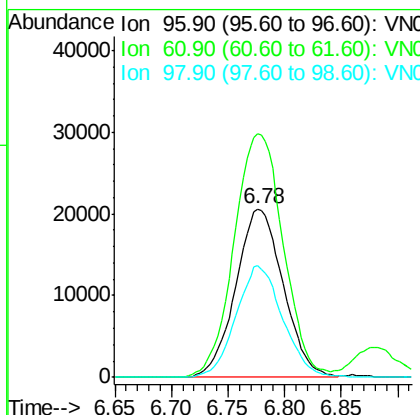
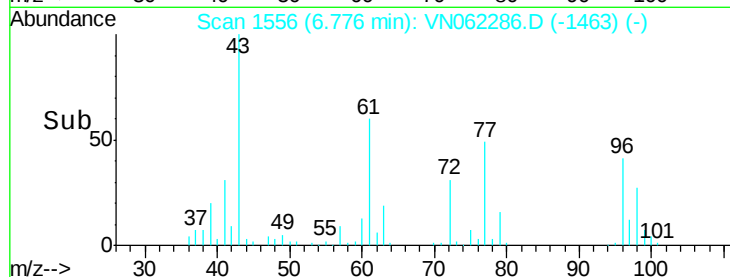
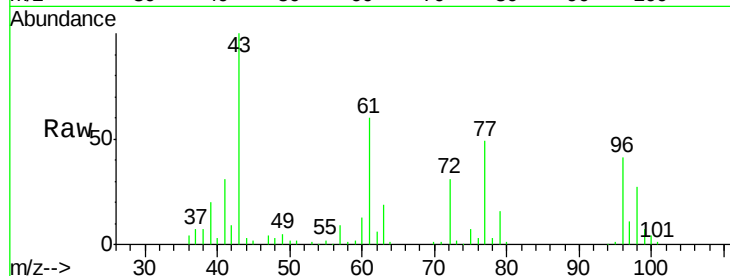
#27
 cis-1,2-Dichloroethene
 Concen: 20.347 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Instrument :
 MSVOA_N
 ClientSampled :
 VN0701WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.6	0.0	280.4
98	65.0	0.0	129.4

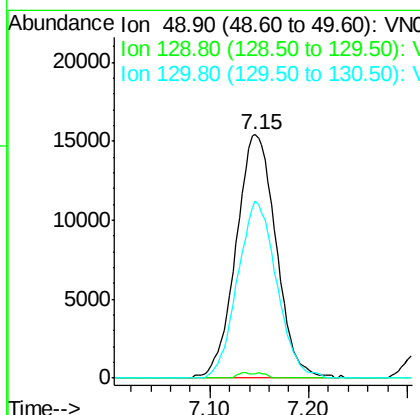
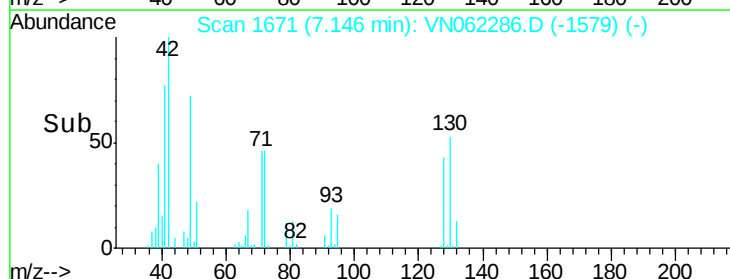
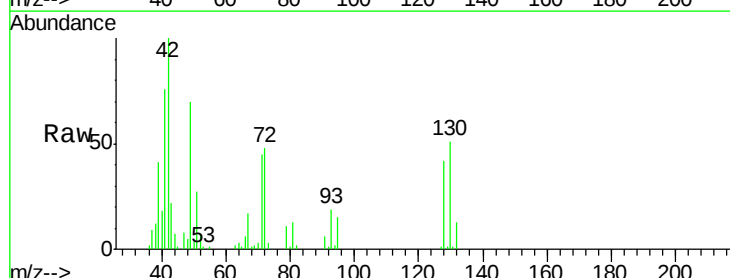
Manual Integrations
 APPROVED

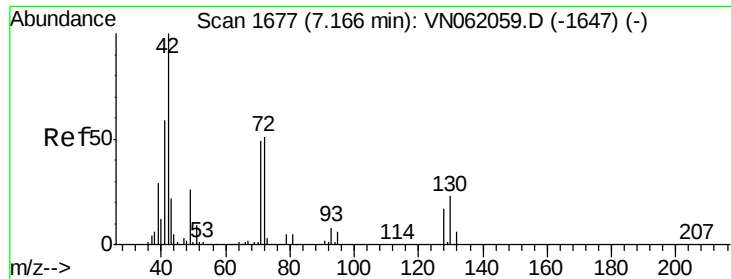
MMDadoda
 7/2/2020 12:38:48 PM



#28
 Bromochloromethane
 Concen: 21.601 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	4.4
130	70.9	65.5	98.3





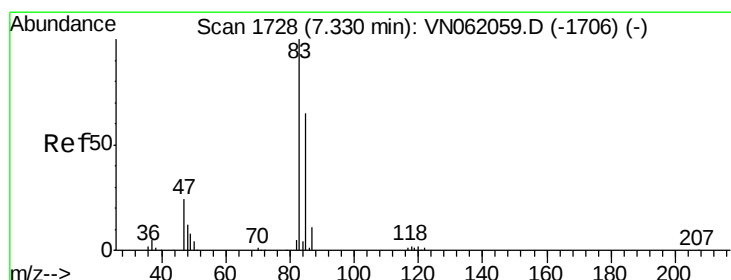
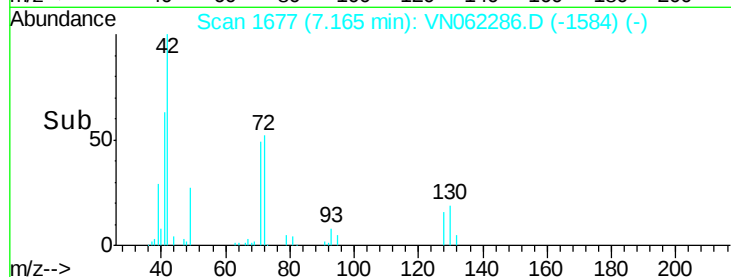
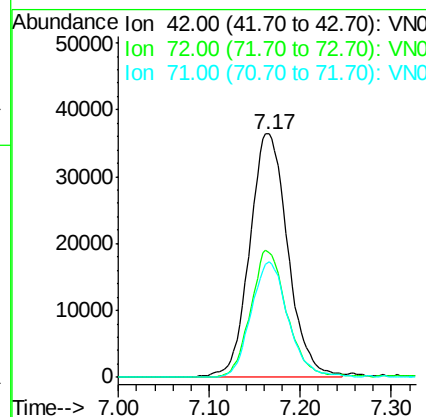
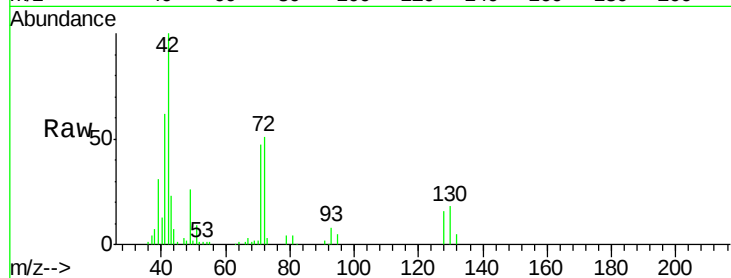
#29
Tetrahydrofuran
Concen: 117.537 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

Tot Ion:	42	Resp:	106120
Ion	Ratio	Lower	Upper
42	100		
72	49.1	41.1	61.7
71	46.0	38.2	57.4

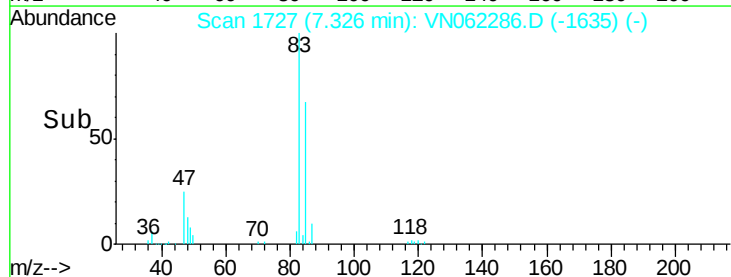
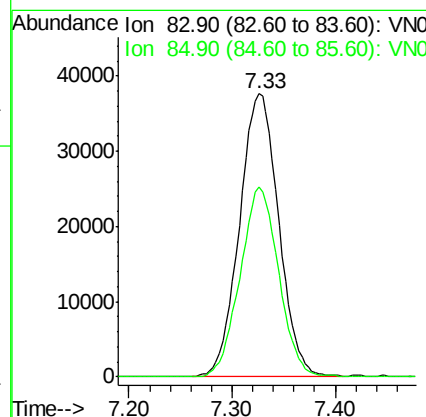
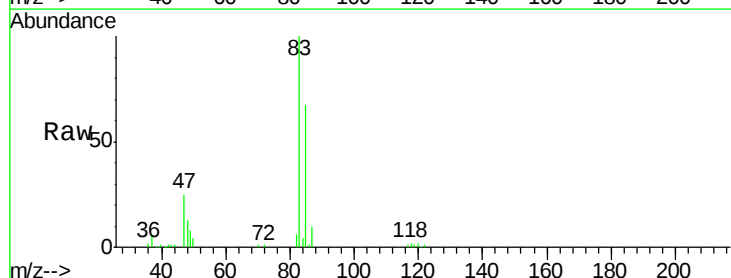
Manual Integrations
APPROVED

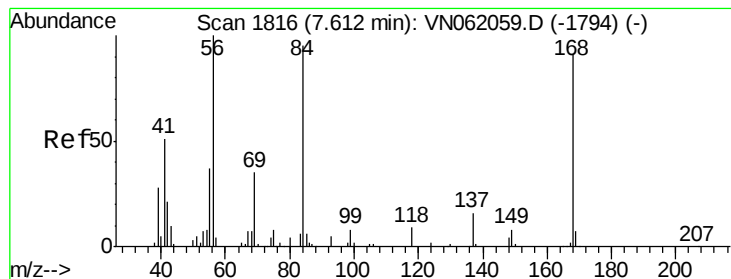
MMDadoda
7/2/2020 12:38:48 PM



#30
Chloroform
Concen: 21.236 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Tgt Ion:	83	Resp:	99513
Ion	Ratio	Lower	Upper
83	100		
85	66.9	52.3	78.5





#31

Cyclohexane

Concen: 20.962 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

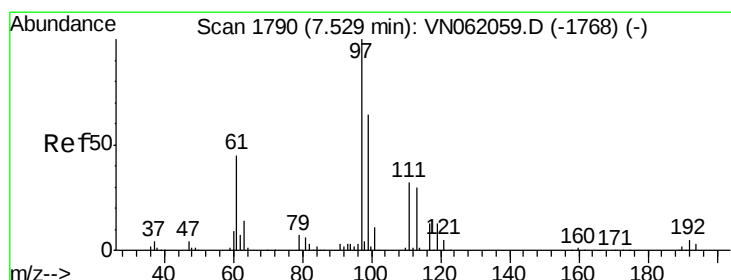
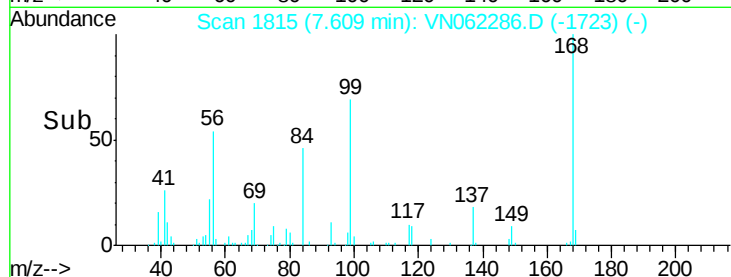
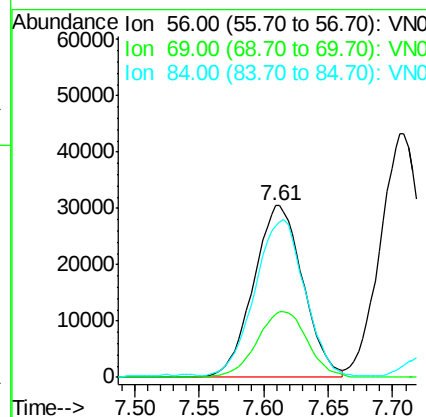
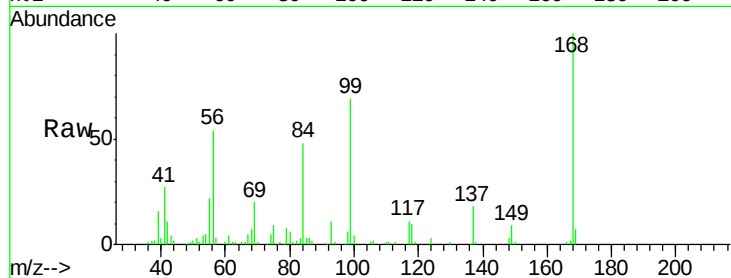
ClientSampleId :

VN0701WBSD01

Tot Ion:	56	Resp:	81668
Ion	Ratio	Lower	Upper
56	100		
69	36.6	28.0	42.0
84	86.9	76.1	114.1

Manual Integrations
APPROVED

MMDadoda
7/2/2020 12:38:48 PM



#32

1,1,1-Trichloroethane

Concen: 20.706 ug/l

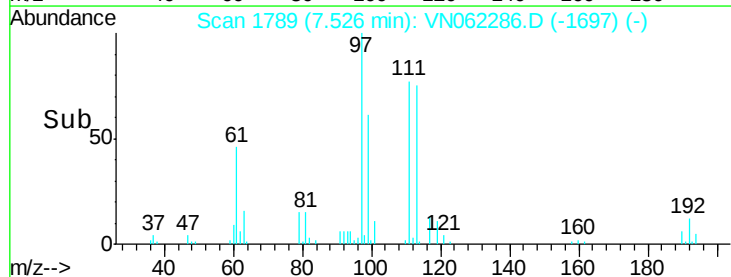
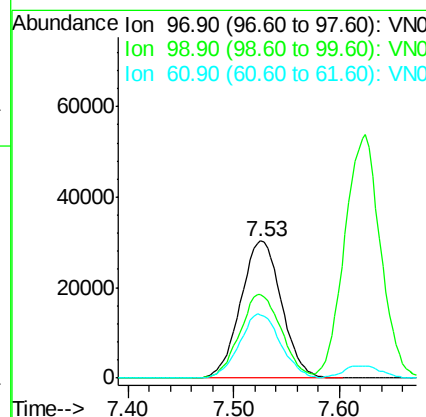
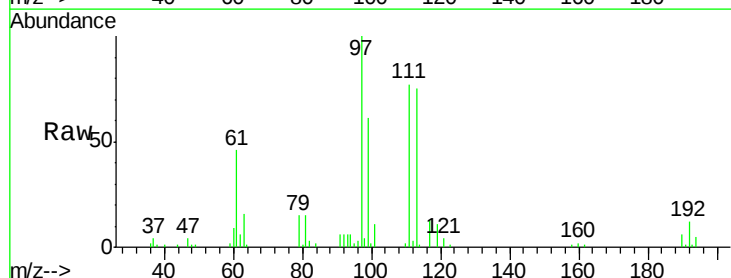
RT: 7.53 min Scan# 1789

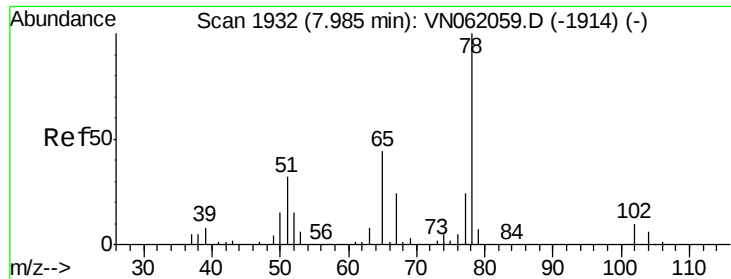
Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Tgt Ion:	97	Resp:	81829
Ion	Ratio	Lower	Upper
97	100		
99	61.9	51.0	76.4
61	46.9	36.2	54.2





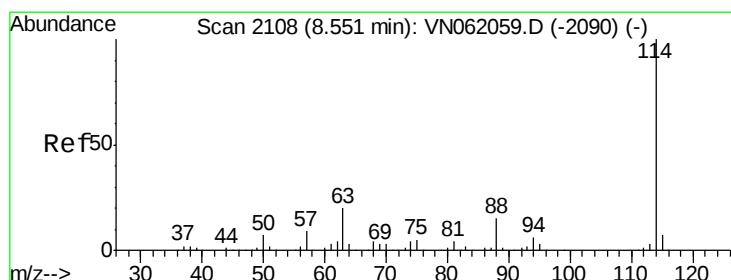
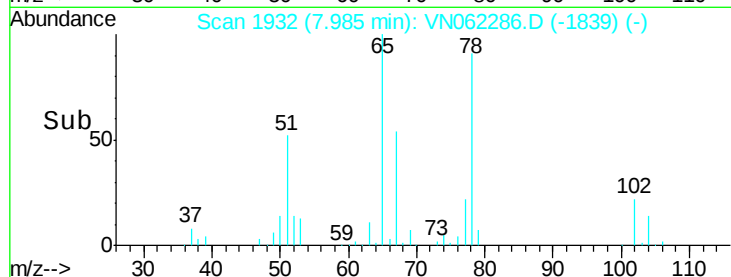
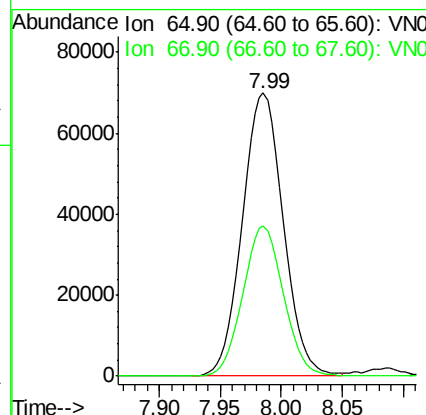
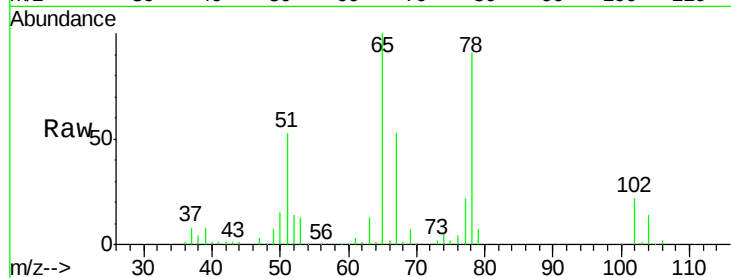
#33
 1,2-Dichloroethane-d4
 Concen: 57.626 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	162497		
67	52.6	0.0	106.2	

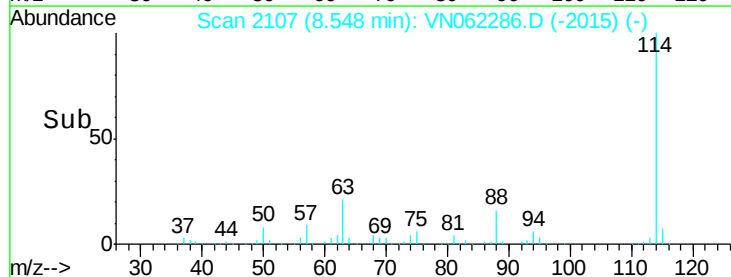
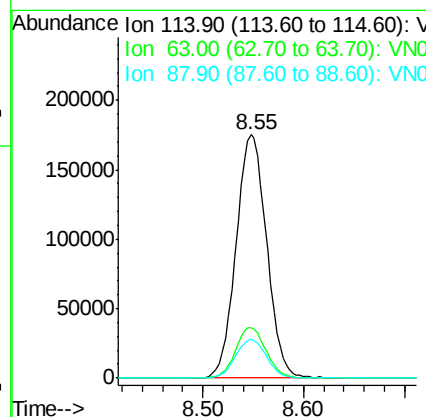
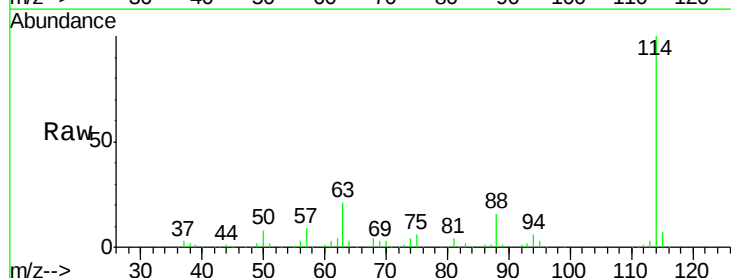
Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 12:38:48 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	369046		
63	20.7	0.0	39.2	
88	15.8	0.0	30.8	





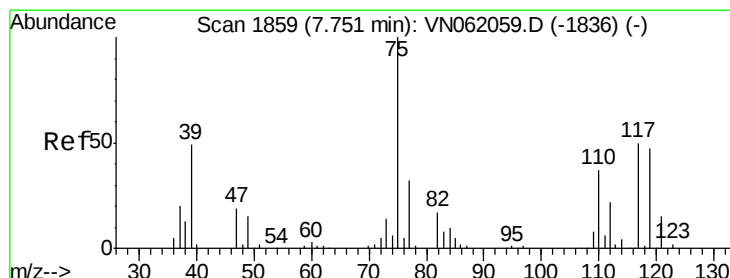
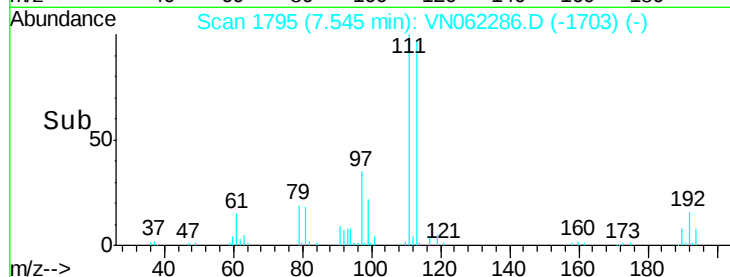
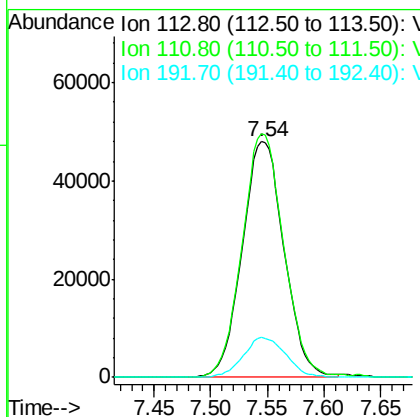
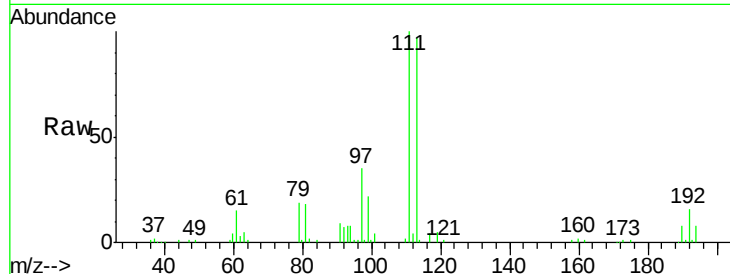
#35
 Dibromofluoromethane
 Concen: 52.172 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.7	82.2	123.4	
192	17.3	14.0	21.0	

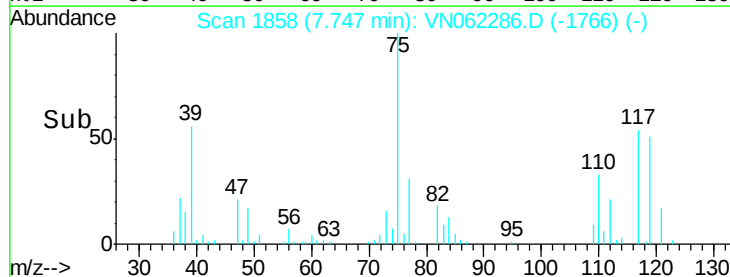
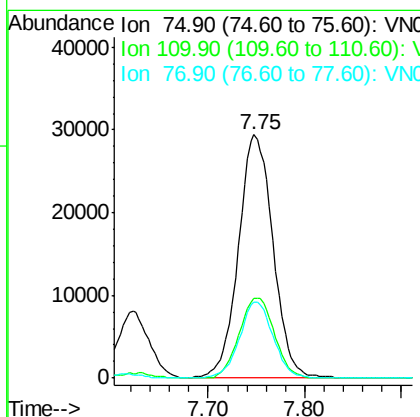
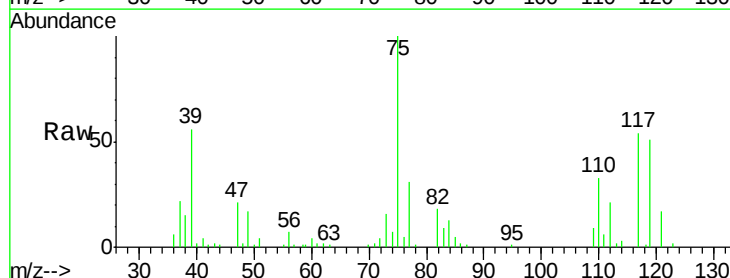
Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 12:38:48 PM



#36
 1,1-Dichloropropene
 Concen: 19.732 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	33.3	17.9	53.8	
77	30.4	24.9	37.3	





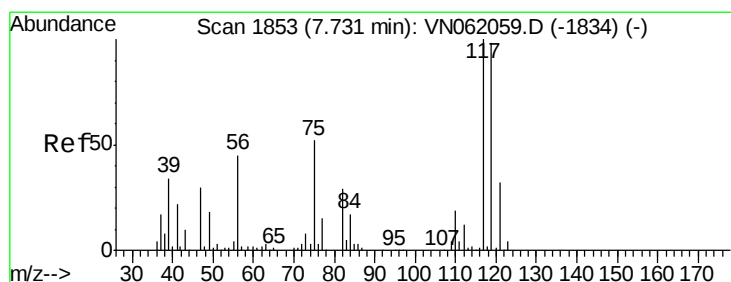
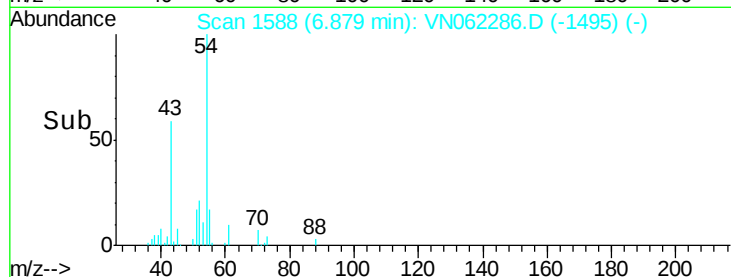
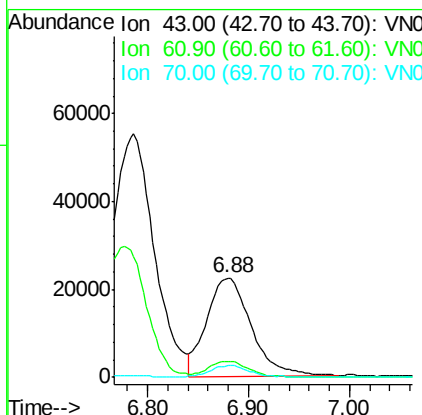
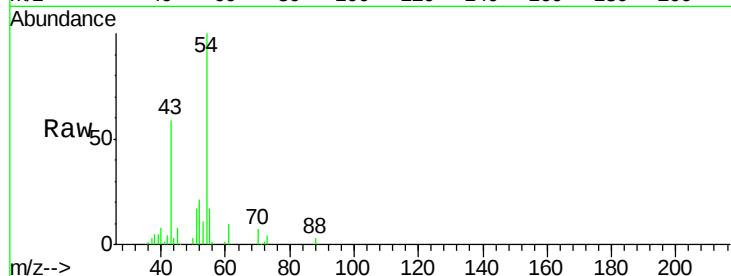
#37
Ethyl Acetate
Concen: 22.205 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampled :
VN0701WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.0	18.0
70	10.6	9.6	14.4

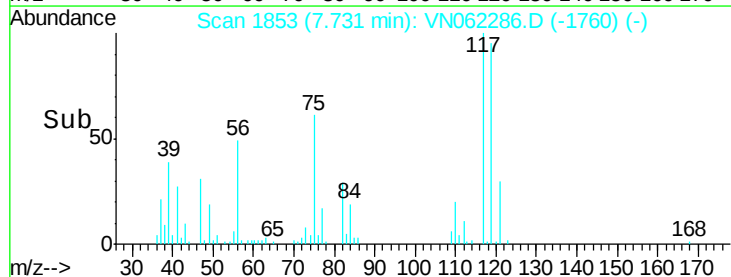
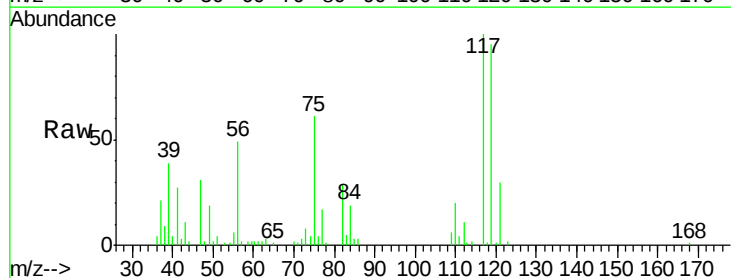
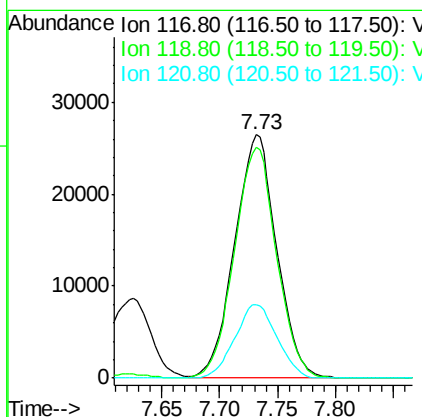
Manual Integrations
APPROVED

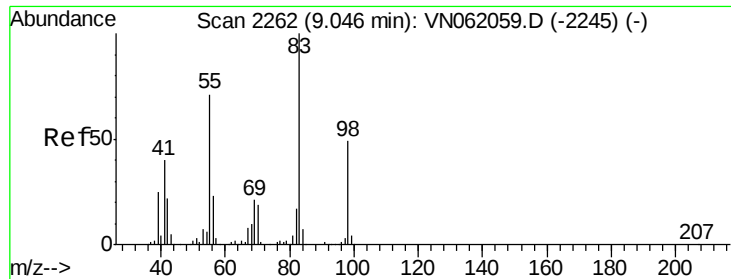
MMDadoda
7/2/2020 12:38:48 PM



#38
Carbon Tetrachloride
Concen: 19.089 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	78.2	117.2
121	30.0	25.8	38.6





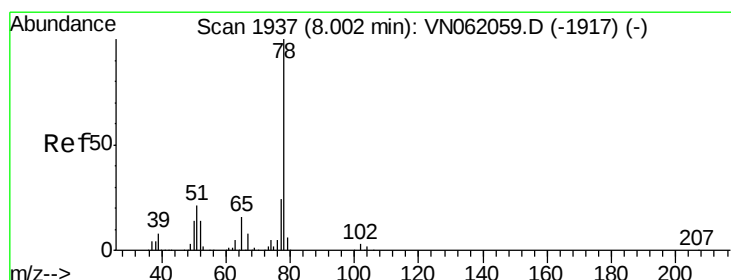
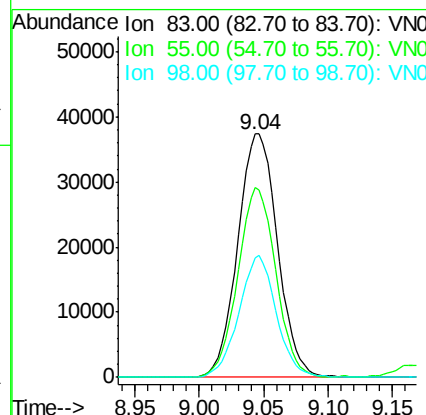
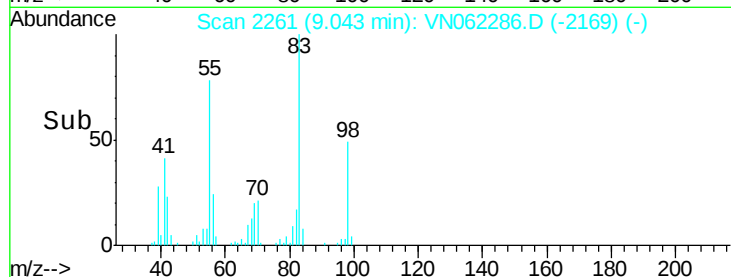
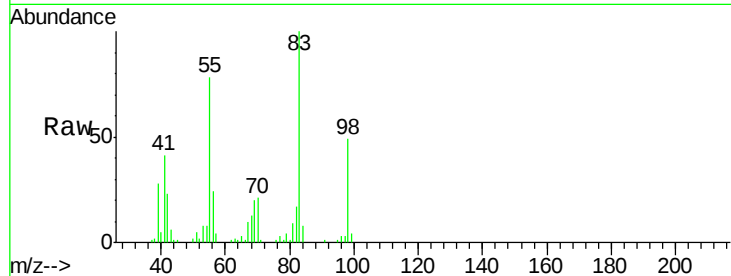
#39
Methvlcvclohexane
Concen: 19.748 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampled :
VN0701WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.0	57.0	85.6
98	49.1	39.0	58.6

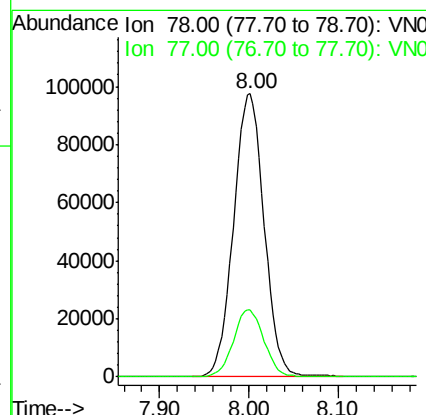
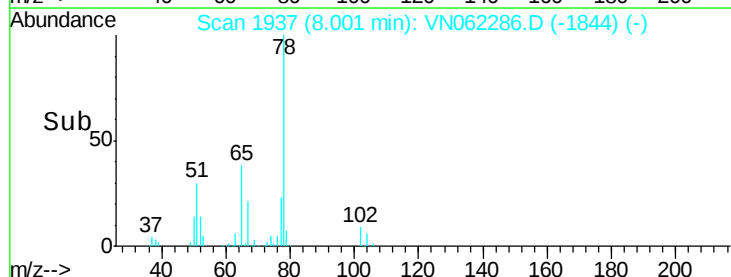
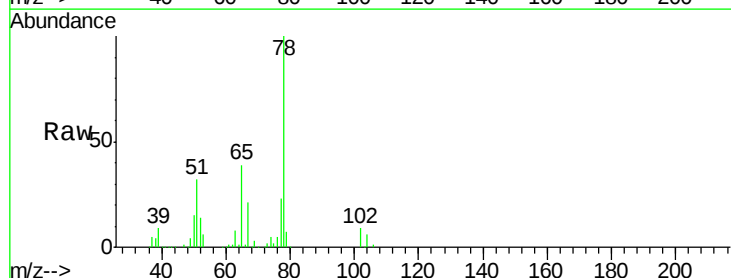
Manual Integrations
APPROVED

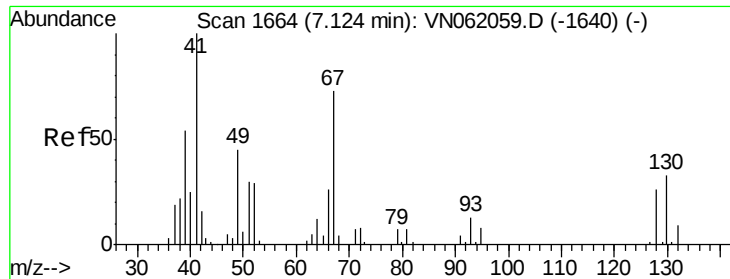
MMDadoda
7/2/2020 12:38:48 PM



#40
Benzene
Concen: 20.478 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.5	29.3





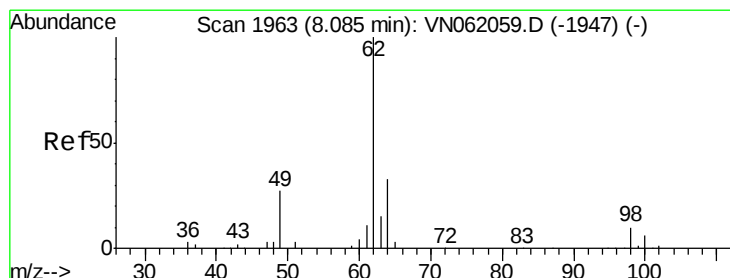
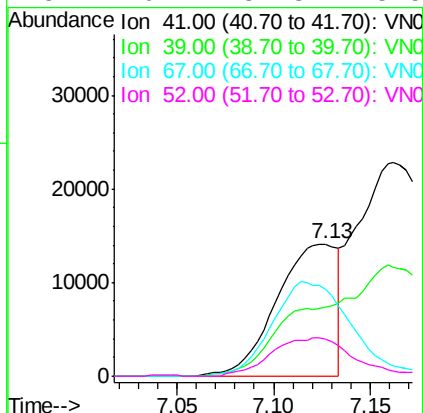
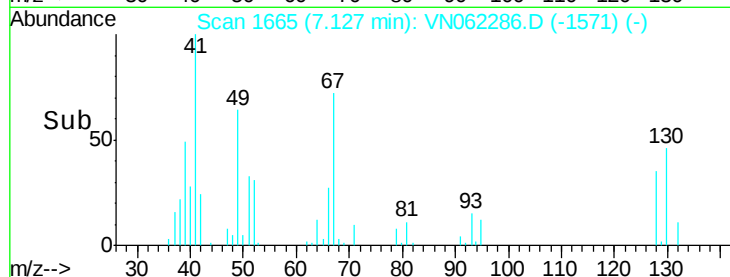
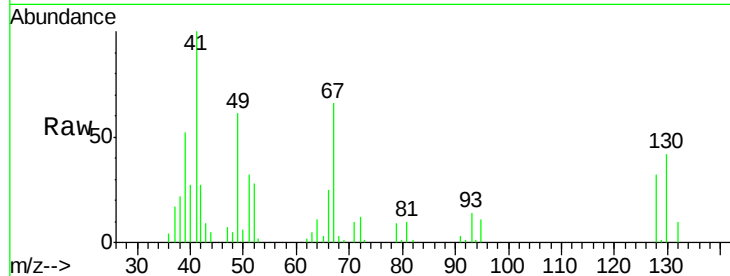
#41
Methacrylonitrile
Concen: 21.646 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampled :
VN0701WBSD01

Tot Ion	41	Resp	30825
Ion Ratio	Lower	Upper	
41	100		
39	0.0	44.2	66.2#
67	93.7	79.5	119.3
52	40.1	32.3	48.5

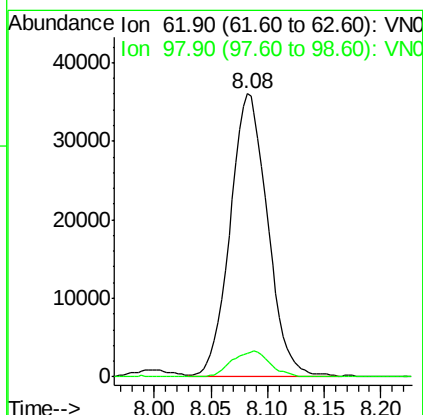
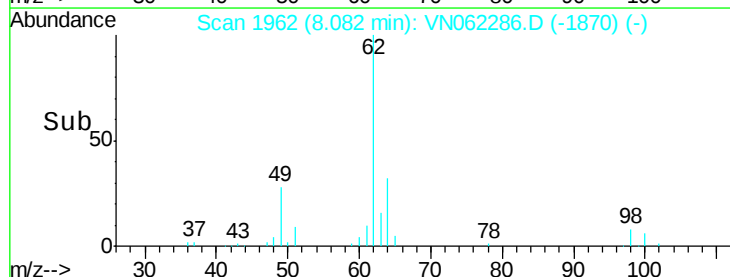
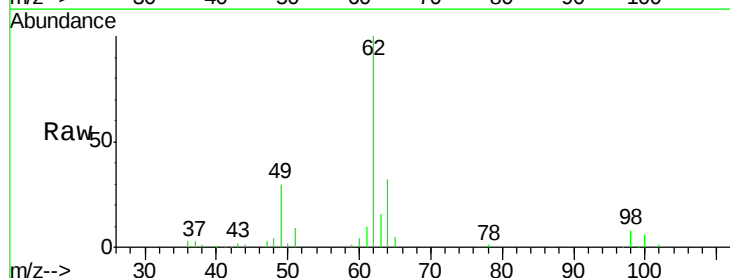
Manual Integrations
APPROVED

MMDadoda
7/2/2020 12:38:48 PM



#42
1,2-Dichloroethane
Concen: 21.776 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Tgt Ion	62	Resp	83185
Ion Ratio	Lower	Upper	
62	100		
98	9.2	0.0	19.8





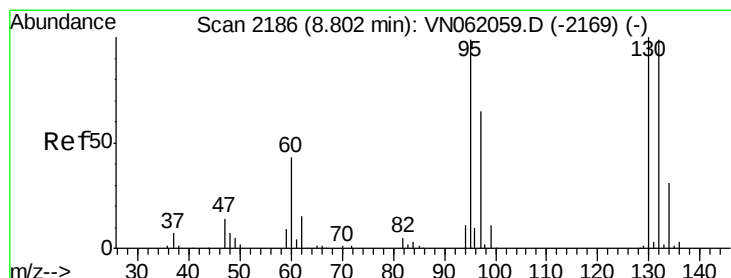
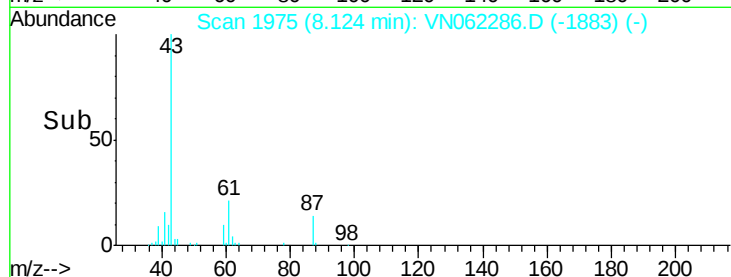
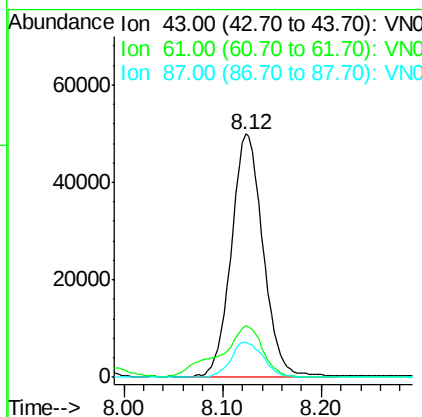
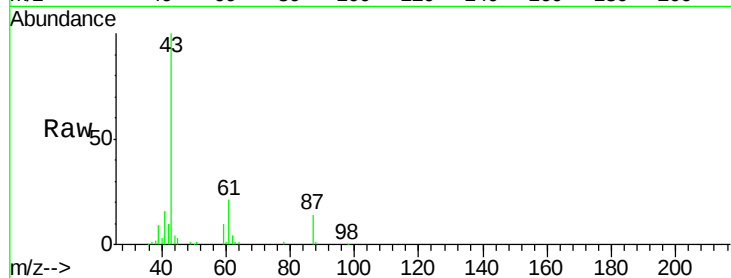
#43
Isopropyl Acetate
Concen: 22.125 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.9	17.2	25.8
87	14.7	12.1	18.1

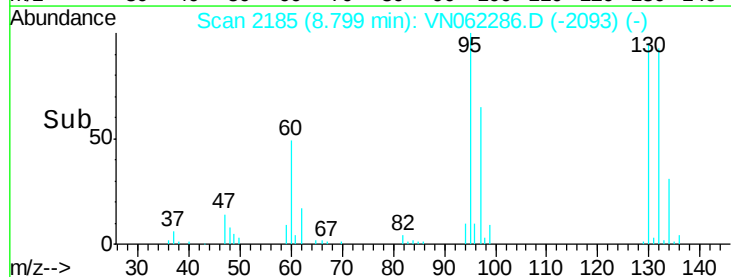
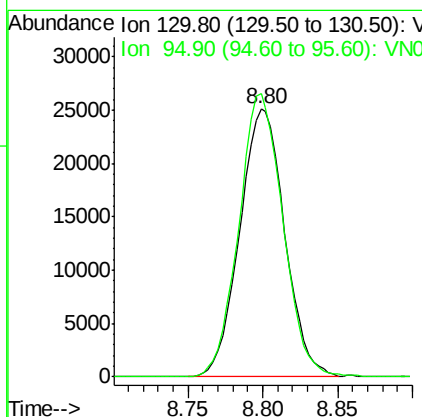
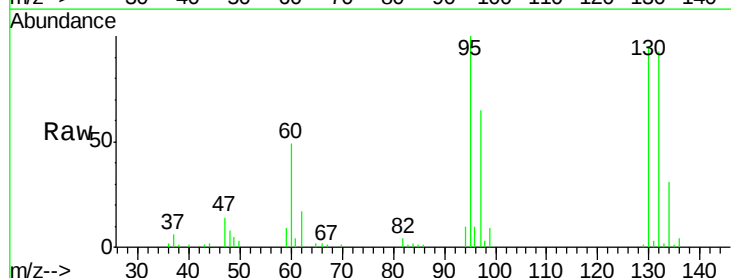
Manual Integrations
APPROVED

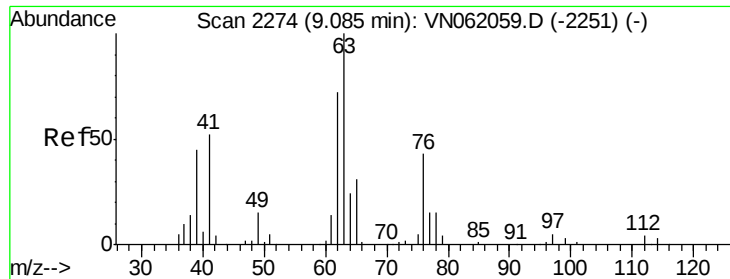
MMDadoda
7/2/2020 12:38:48 PM



#44
Trichloroethene
Concen: 18.409 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.6	0.0	197.8





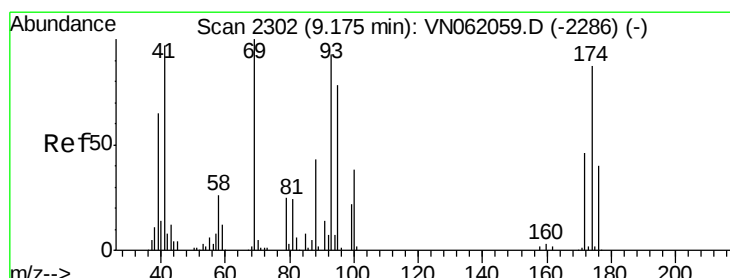
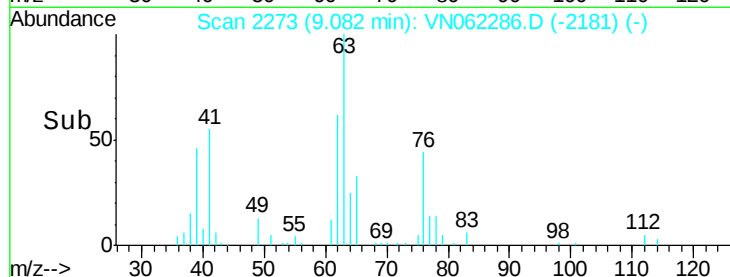
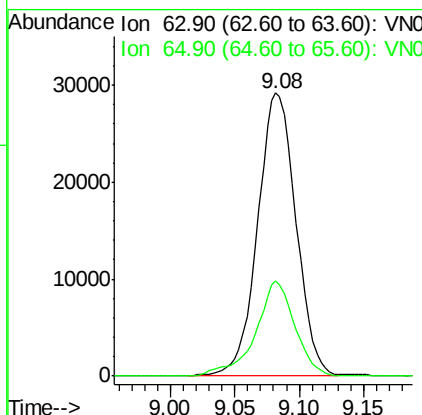
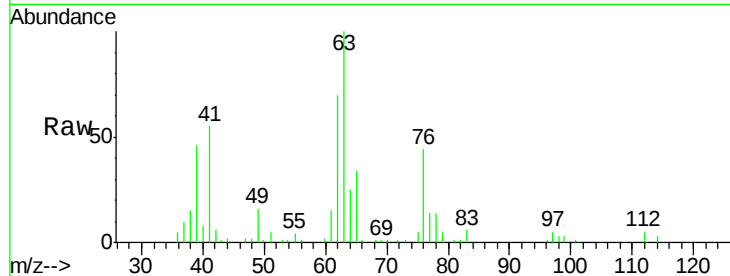
#45
 1,2-Dichloropropane
 Concen: 21.720 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD01

Tot Ion: 63 Resp: 60585
 Ion Ratio Lower Upper
 63 100
 65 33.9 25.0 37.4

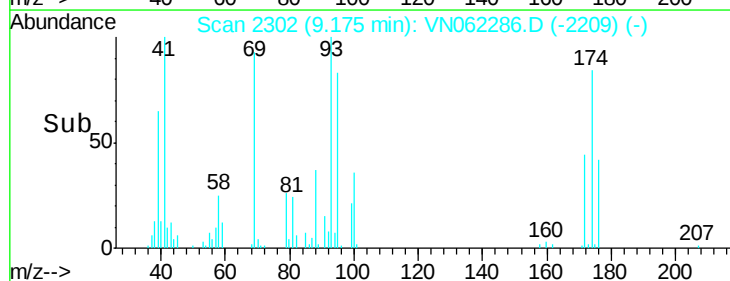
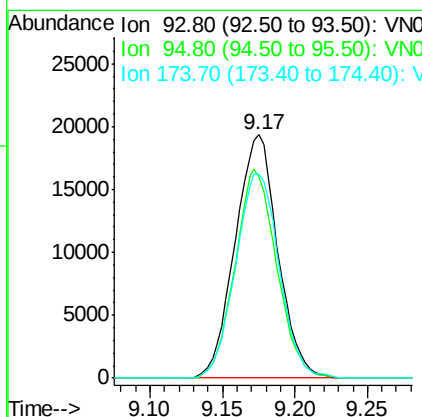
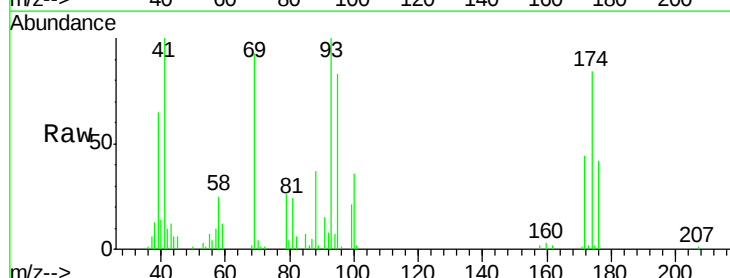
Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 12:38:48 PM



#46
 Dibromomethane
 Concen: 20.905 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Tgt Ion: 93 Resp: 39534
 Ion Ratio Lower Upper
 93 100
 95 83.9 67.0 100.6
 174 86.0 74.4 111.6





#47

Bromodichloromethane

Concen: 20.875 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

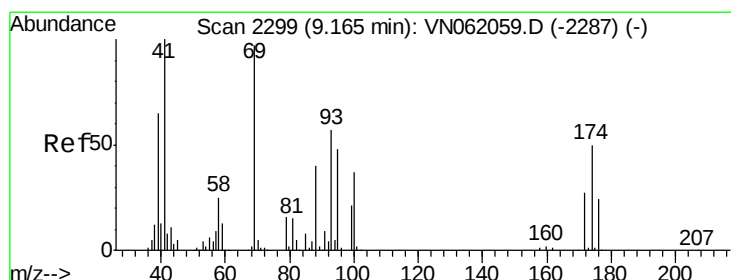
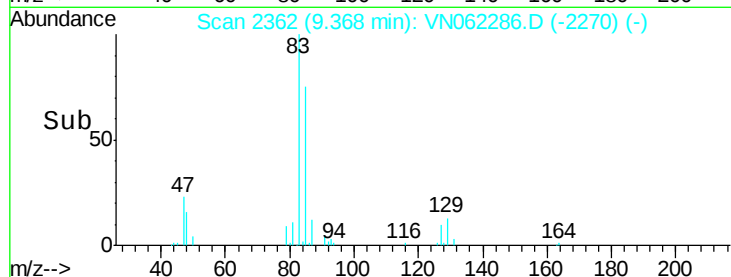
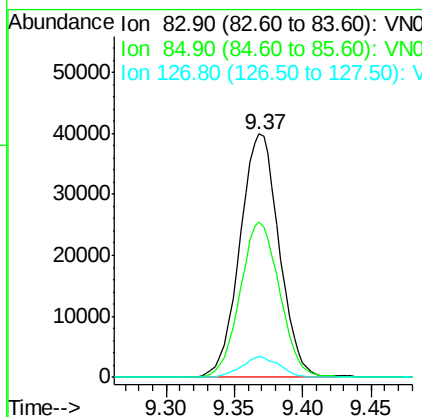
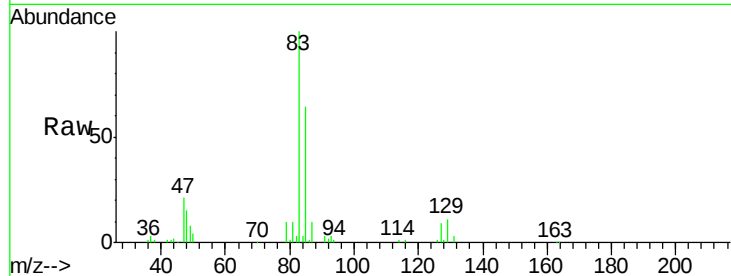
ClientSampled :

VN0701WBSD01

Tot Ion:	83	Resp:	79712
Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.3	75.5
127	8.6	6.9	10.3

Manual Integrations
APPROVED

MMDadoda
7/2/2020 12:38:48 PM



#48

Methyl methacrylate

Concen: 22.271 ug/l

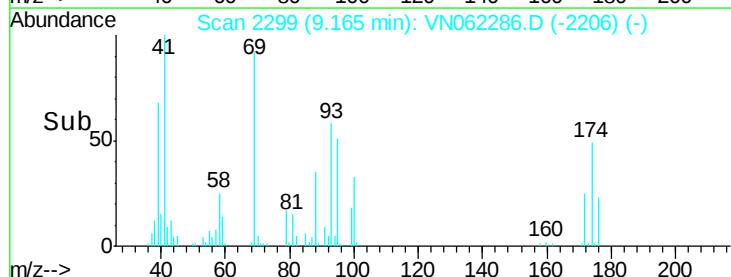
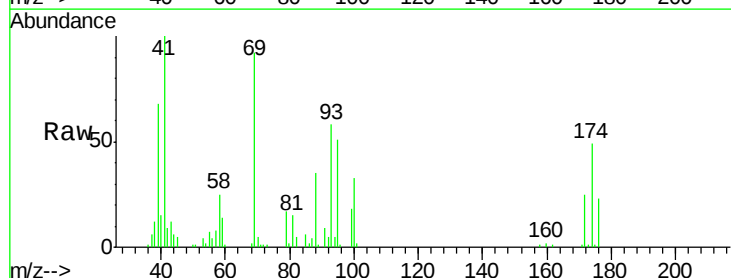
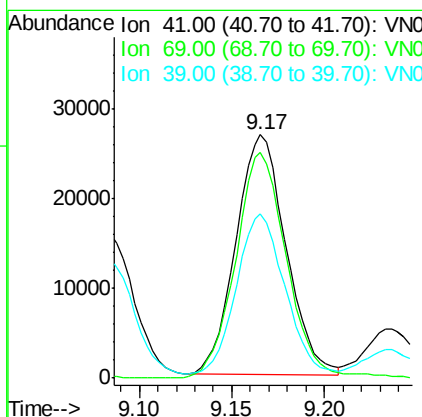
RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Tgt Ion:	41	Resp:	50001
Ion	Ratio	Lower	Upper
41	100		
69	95.8	80.7	121.1
39	68.5	54.5	81.7





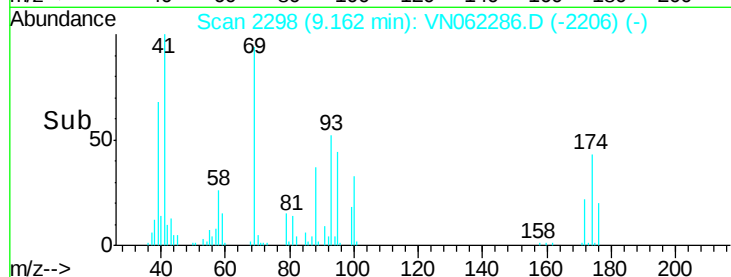
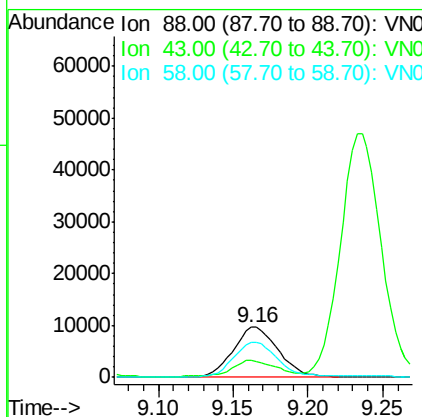
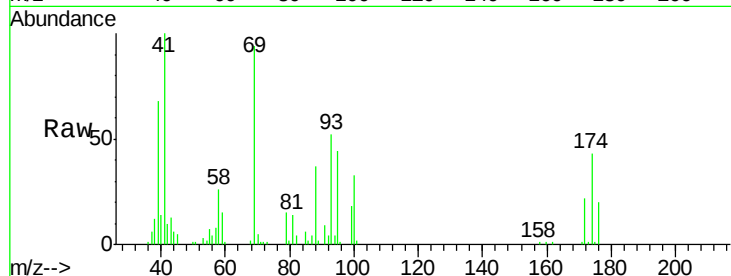
#49
 1,4-Dioxane
 Concen: 410.056 ug/l
 RT: 9.16 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD01

Tot Ion	88	Resp	20416
Ion	Ratio	Lower	Upper
88	100		
43	34.9	22.0	33.0#
58	67.6	49.2	73.8

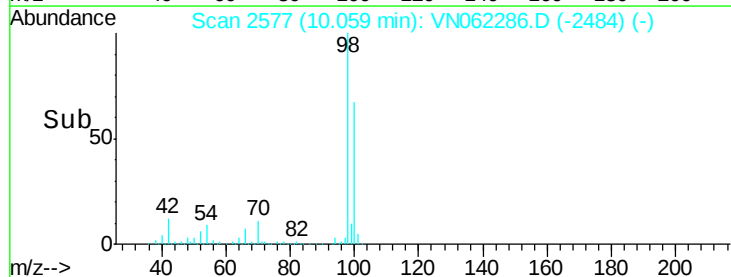
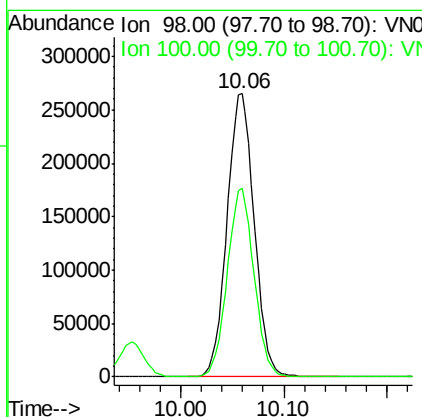
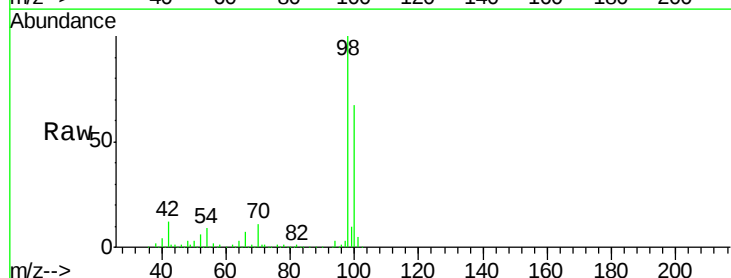
Manual Integrations
 APPROVED

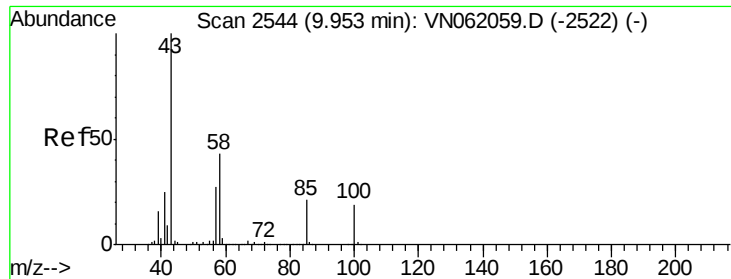
MMDadoda
 7/2/2020 12:38:48 PM



#50
 Toluene-d8
 Concen: 51.600 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Tgt Ion	98	Resp	488348
Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 116.323 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBSD01

Tot Ion: 43 Resp: 340306

Ion Ratio Lower Upper

43 100

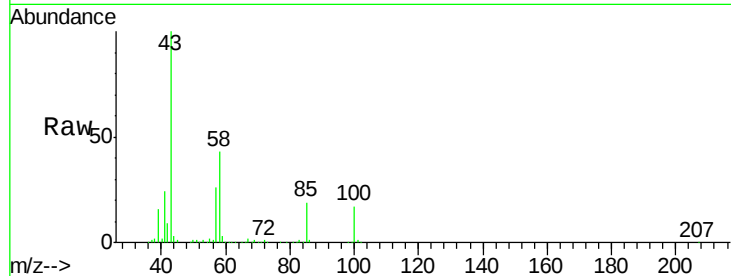
58 41.9 34.2 51.2

Manual Integrations

APPROVED

MMDadoda

7/2/2020 12:38:48 PM



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-2522) (-)

Ion 58.00 (57.70 to 58.70): VN062059.D (-2522) (-)

9.95

200000

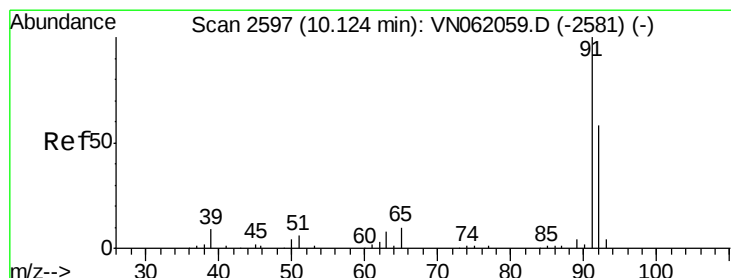
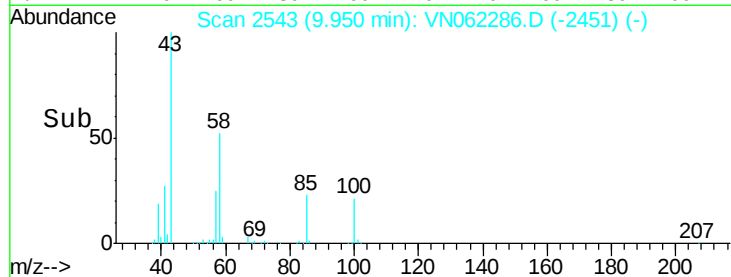
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.649 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062286.D

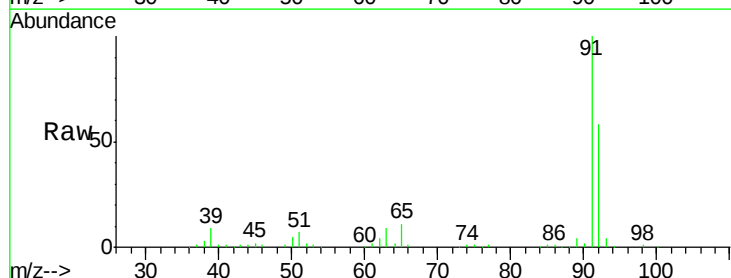
Acq: 1 Jul 2020 12:50

Tgt Ion: 92 Resp: 142445

Ion Ratio Lower Upper

92 100

91 173.8 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN062059.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VN062059.D (-2581) (-)

10.12

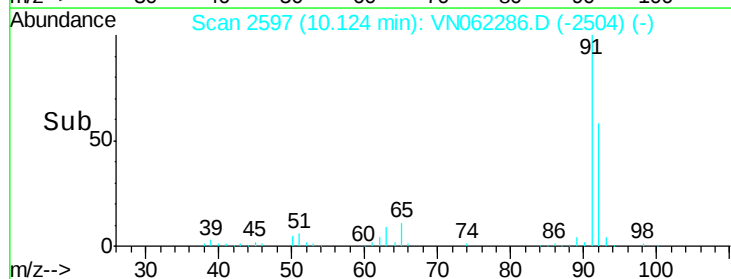
150000

100000

50000

0

Time-->





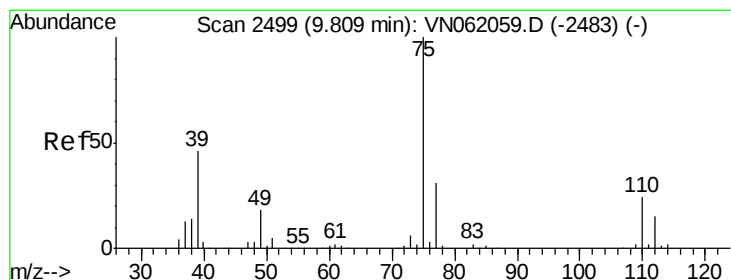
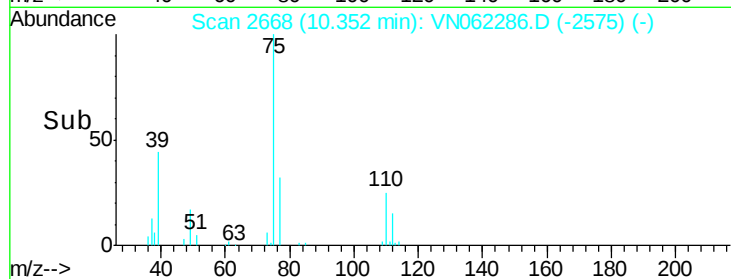
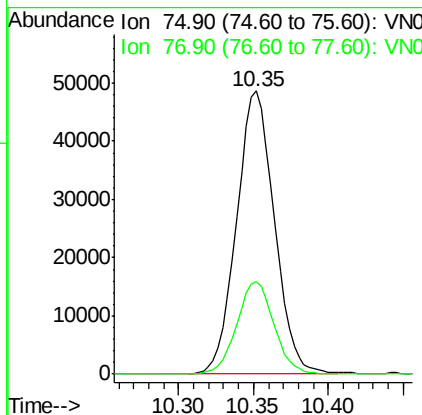
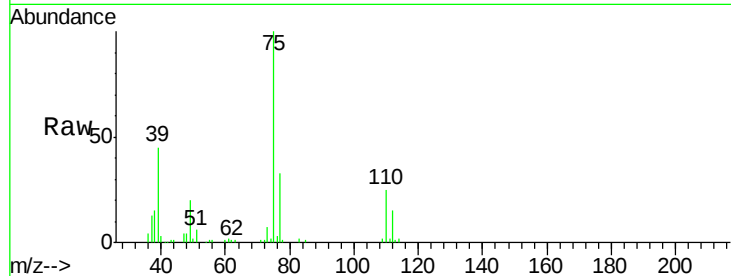
#53
t-1,3-Dichloropropene
Concen: 20.401 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

Tot Ion: 75 Resp: 85708
Ion Ratio Lower Upper
75 100
77 32.6 25.5 38.3

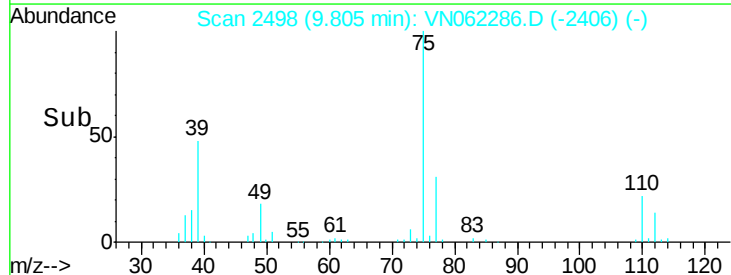
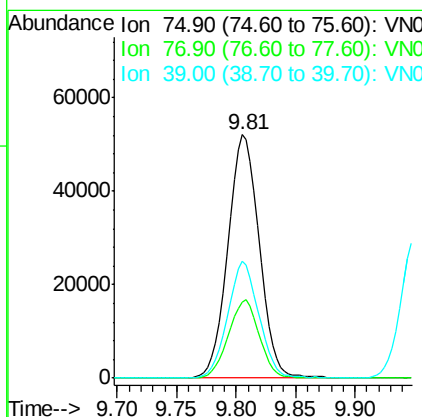
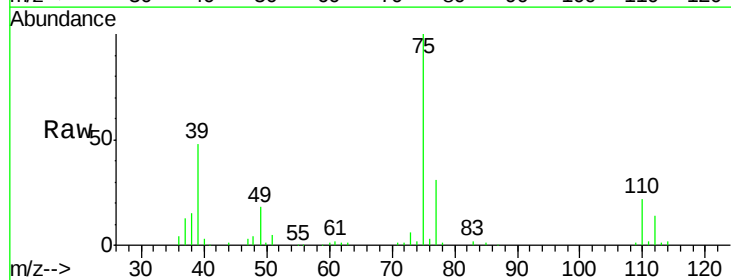
Manual Integrations
APPROVED

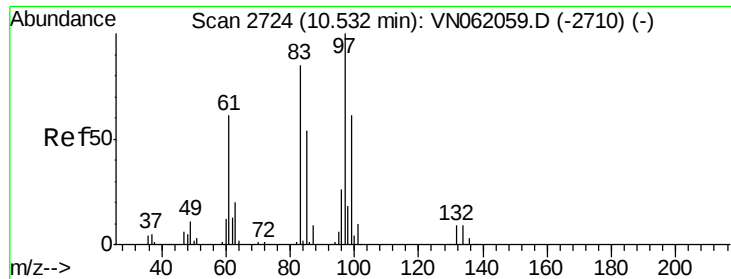
MMDadoda
7/2/2020 12:38:48 PM



#54
cis-1,3-Dichloropropene
Concen: 21.310 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Tgt Ion: 75 Resp: 95314
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6
39 48.0 36.9 55.3





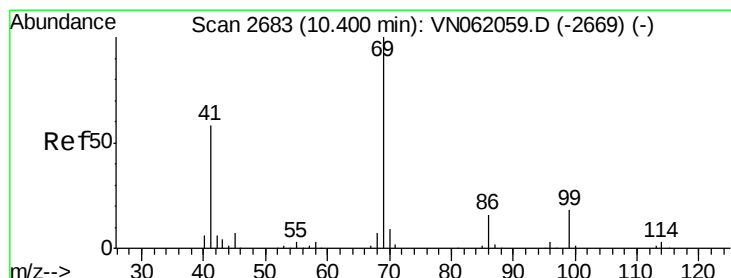
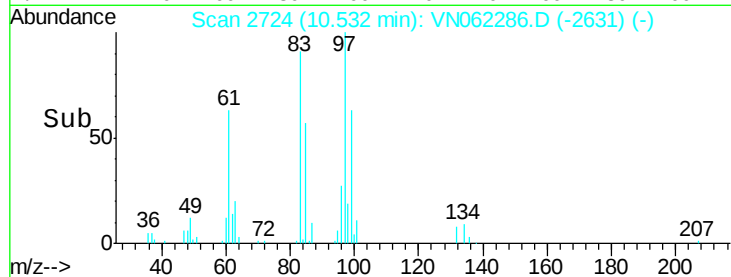
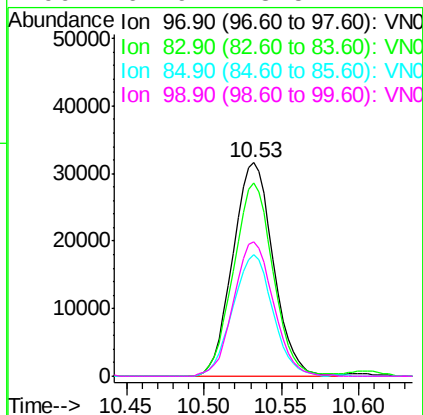
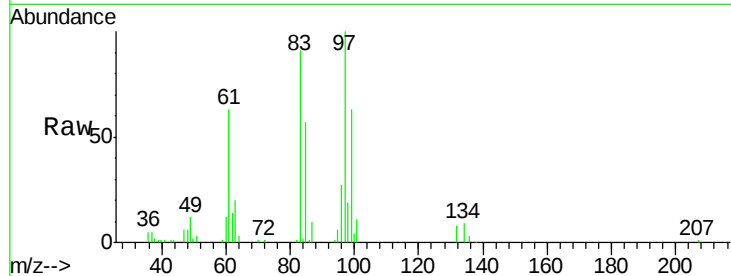
#55
 1,1,2-Trichloroethane
 Concen: 21.218 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD01

Tot Ion:	97	Resp:	57538
Ion	Ratio	Lower	Upper
97	100		
83	90.8	68.2	102.2
85	56.8	43.2	64.8
99	62.9	48.5	72.7

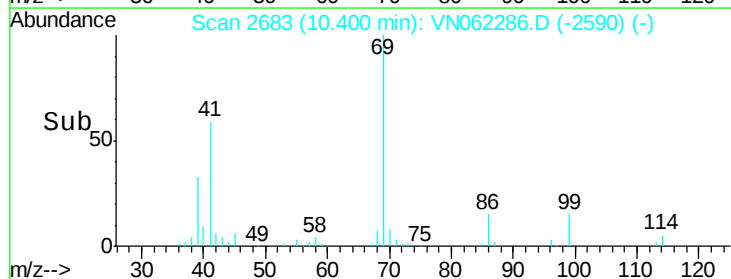
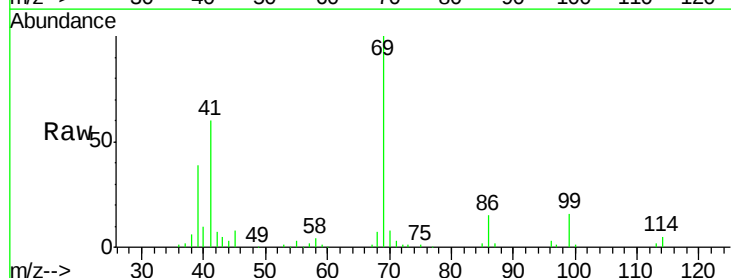
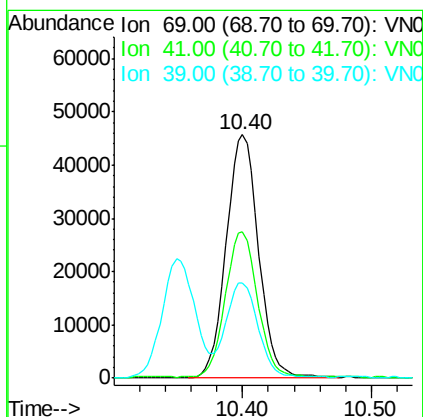
Manual Integrations
 APPROVED

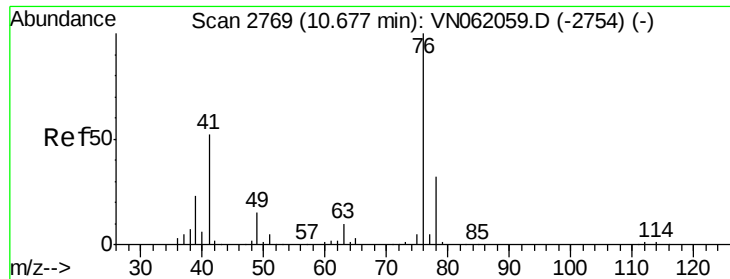
MMDadoda
 7/2/2020 12:38:48 PM



#56
 Ethyl methacrylate
 Concen: 21.970 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Tgt Ion:	69	Resp:	79510
Ion	Ratio	Lower	Upper
69	100		
41	59.3	46.6	70.0
39	38.4	31.0	46.4





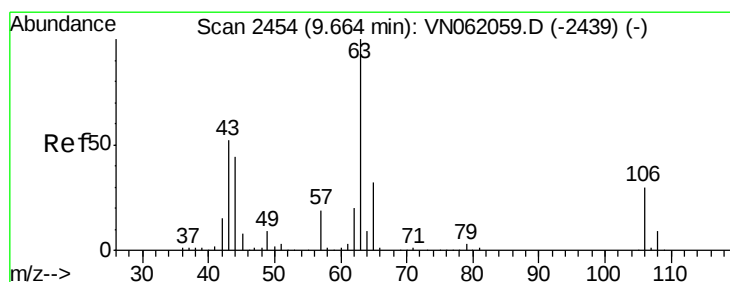
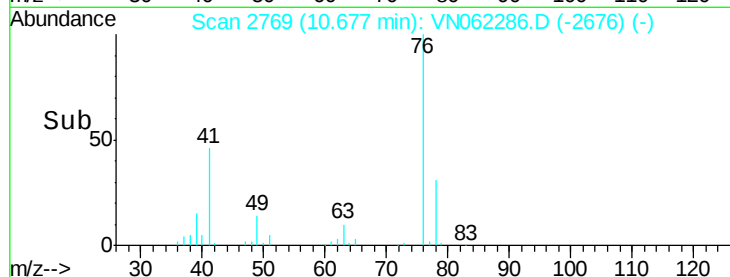
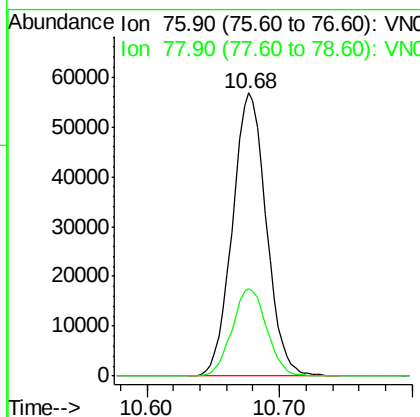
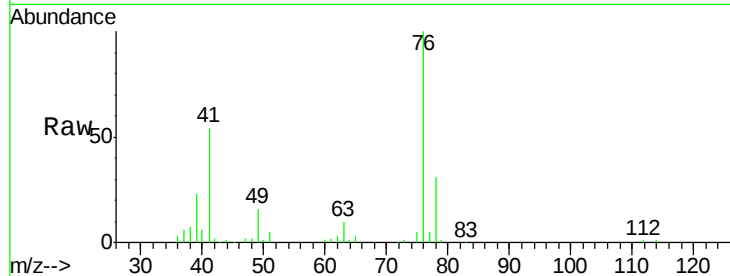
#57
 1,3-Dichloropropane
 Concen: 21.591 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD01

Tot Ion: 76 Resp: 100778
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.8

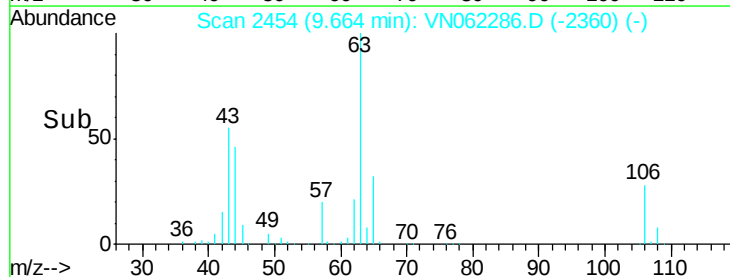
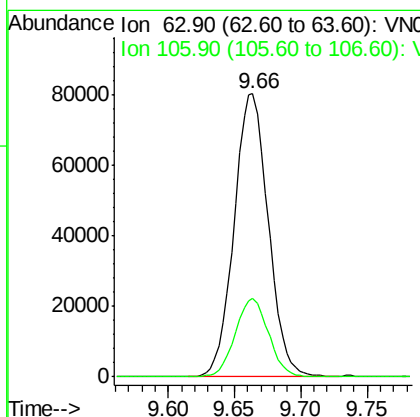
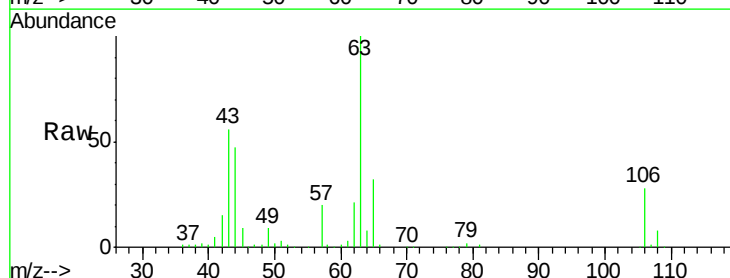
Manual Integrations
 APPROVED

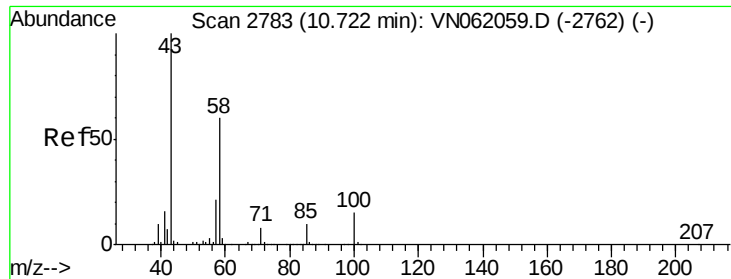
MMDadoda
 7/2/2020 12:38:48 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.393 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Tgt Ion: 63 Resp: 143755
 Ion Ratio Lower Upper
 63 100
 106 27.0 23.2 34.8





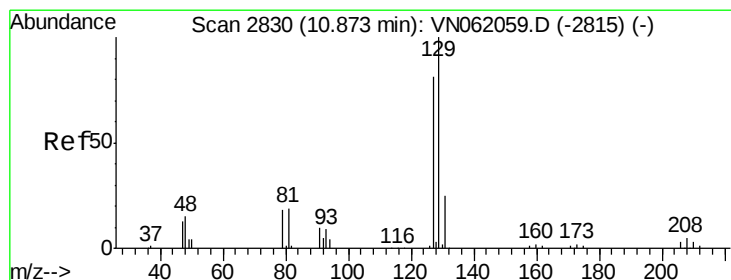
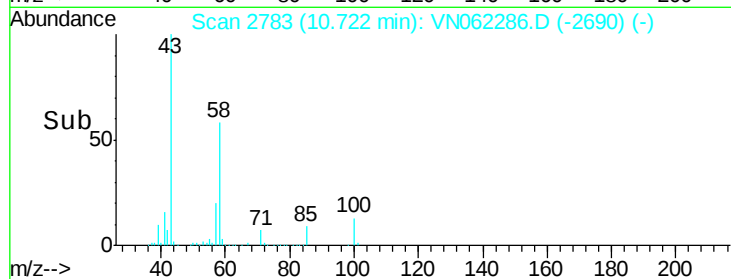
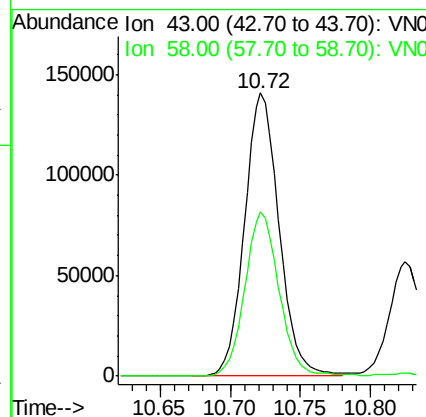
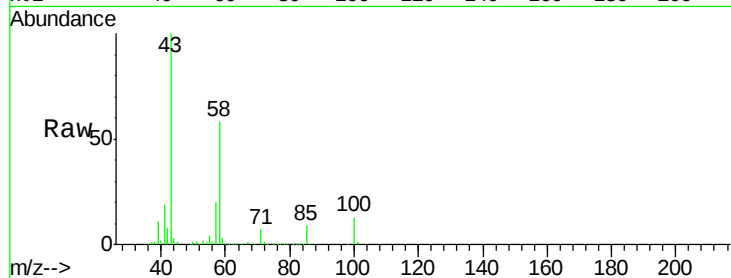
#59
2-Hexanone
Concen: 113.694 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

Tot Ion	43	Resp	240181
Ion Ratio	100	Lower	Upper
43	100		
58	57.9	29.5	88.5

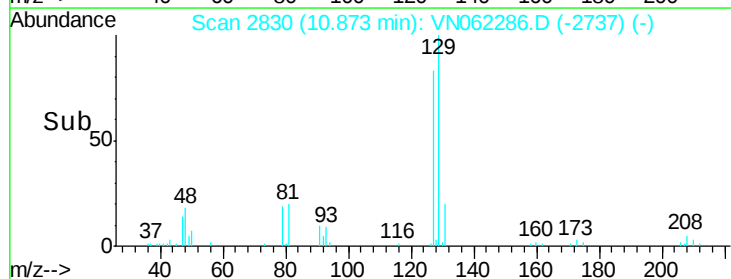
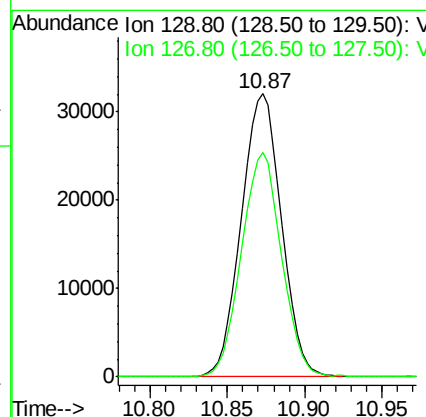
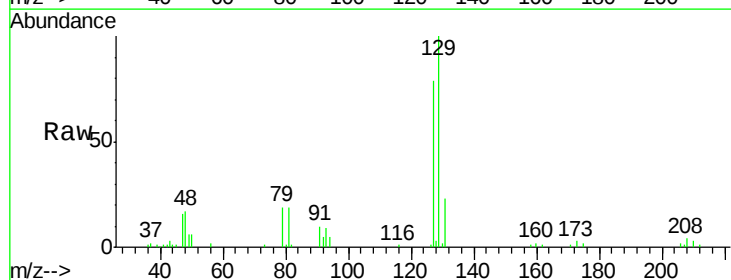
Manual Integrations
APPROVED

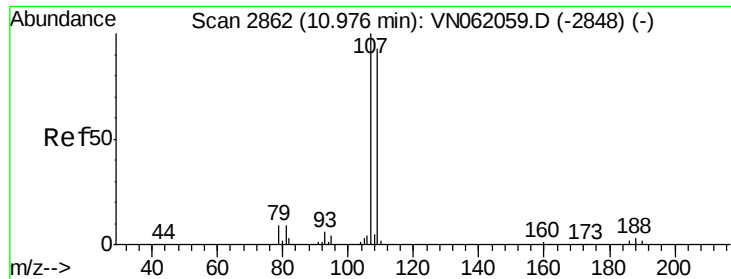
MMDadoda
7/2/2020 12:38:48 PM



#60
Dibromochloromethane
Concen: 20.215 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Tgt Ion	129	Resp	58036
Ion Ratio	100	Lower	Upper
129	100		
127	78.6	39.5	118.5





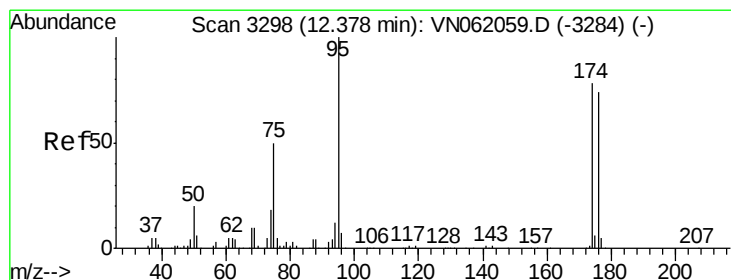
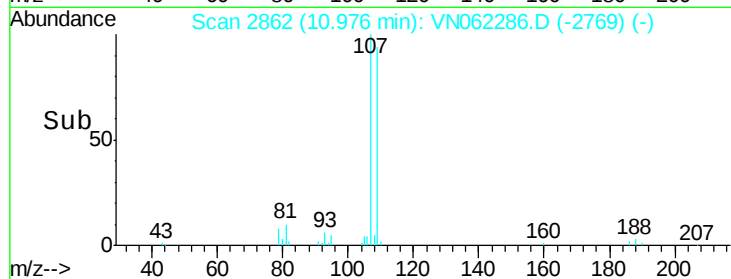
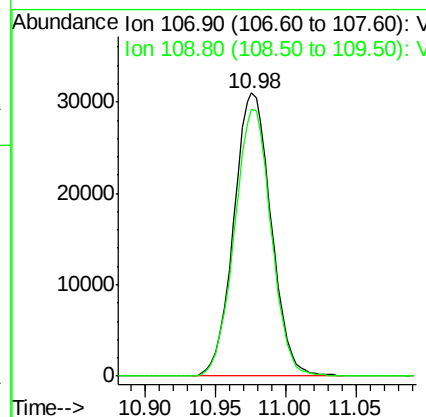
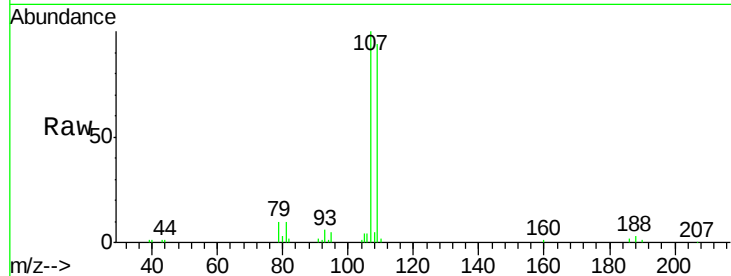
#61
 1,2-Dibromoethane
 Concen: 20.558 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.8	75.0	112.6

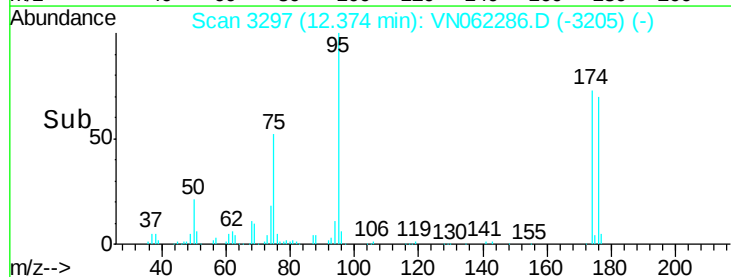
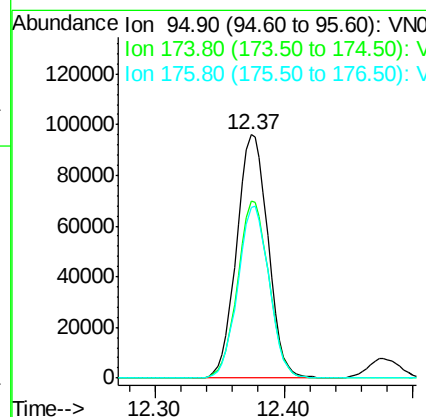
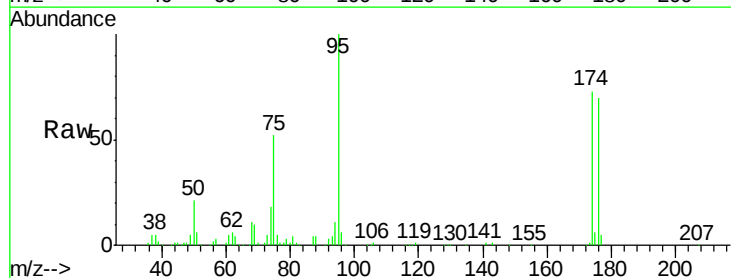
Manual Integrations
 APPROVED

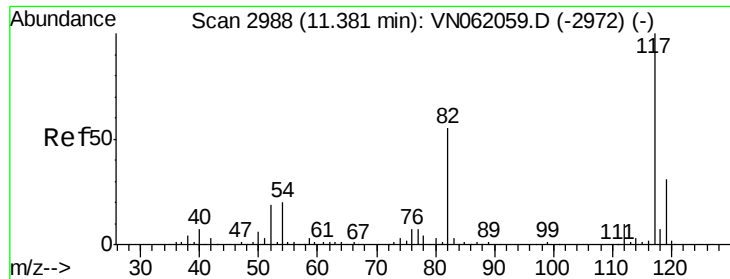
MMDadoda
 7/2/2020 12:38:48 PM



#62
 4-Bromofluorobenzene
 Concen: 50.934 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	154.8
176	70.1	0.0	147.4





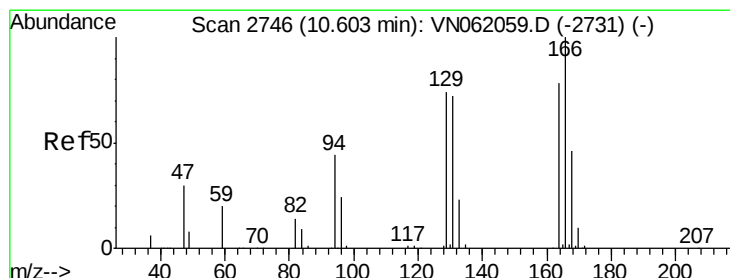
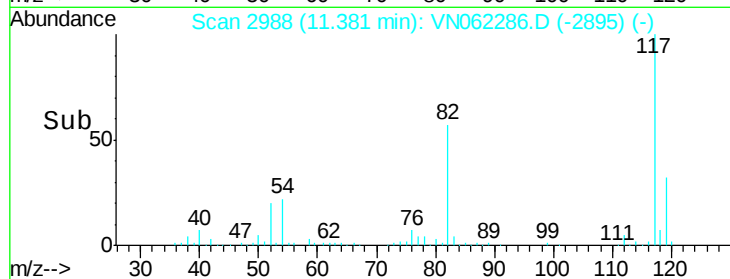
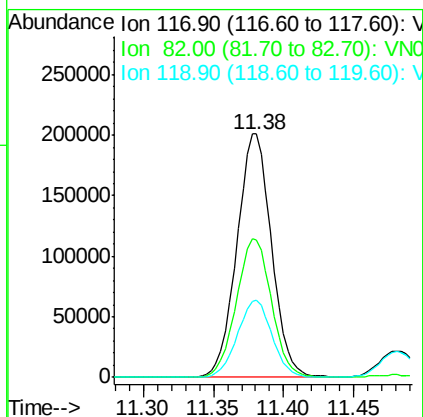
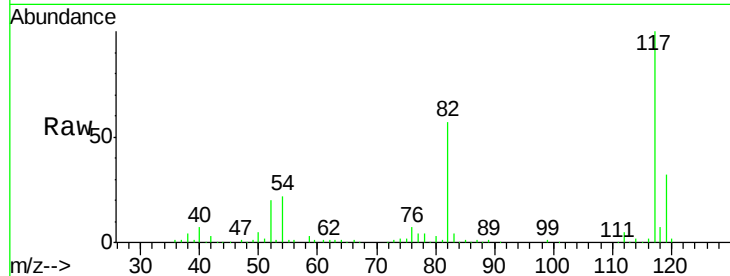
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	43.8	65.8
119	31.8	25.2	37.8

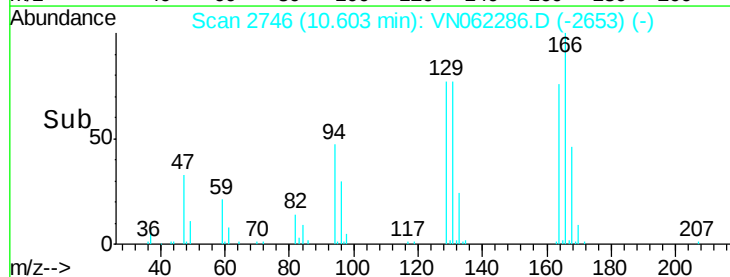
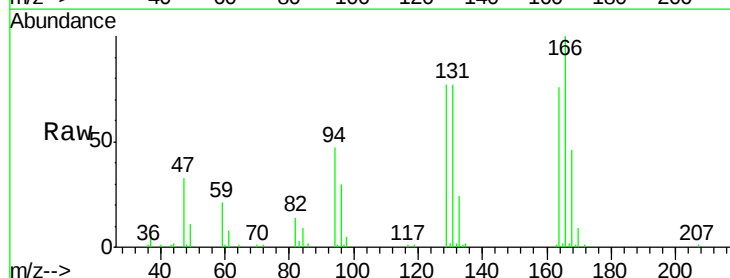
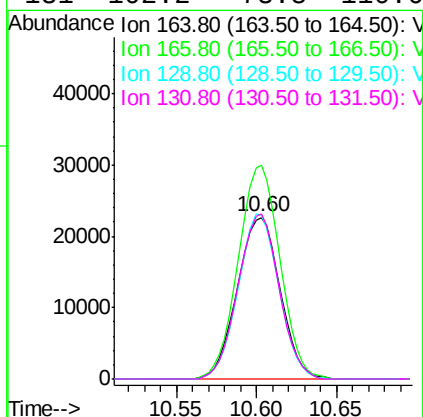
Manual Integrations
APPROVED

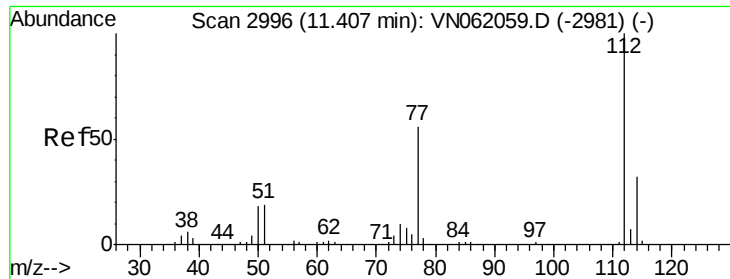
MMDadoda
7/2/2020 12:38:48 PM



#64
Tetrachloroethene
Concen: 17.476 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.0	102.9	154.3
129	101.6	75.8	113.8
131	102.2	73.8	110.6





#65

Chlorobenzene

Concen: 19.439 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBSD01

Tot Ion:112 Resp: 147809

Ion Ratio Lower Upper

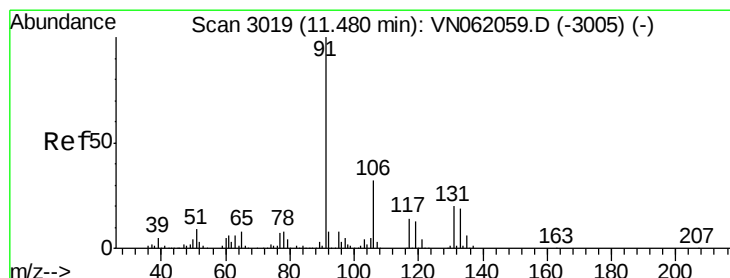
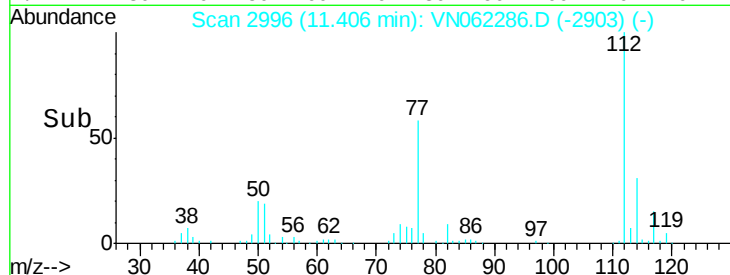
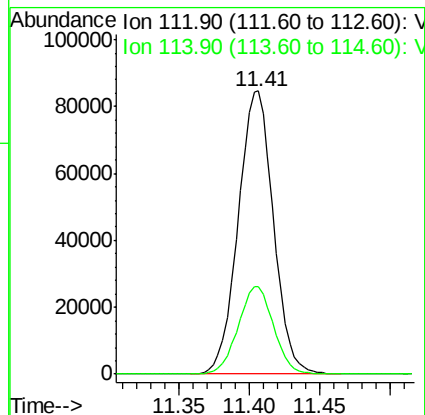
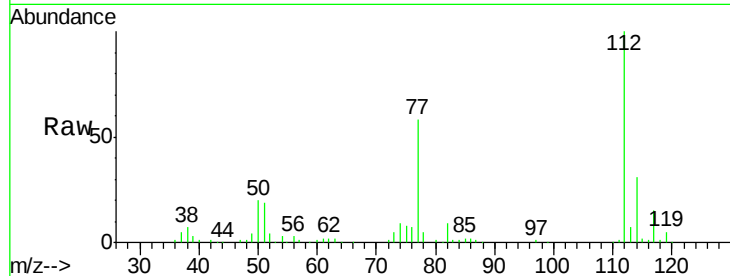
112 100

114 31.0 25.8 38.8

Manual Integrations
APPROVED

MMDadoda

7/2/2020 12:38:48 PM



#66

1,1,1,2-Tetrachloroethane

Concen: 19.443 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

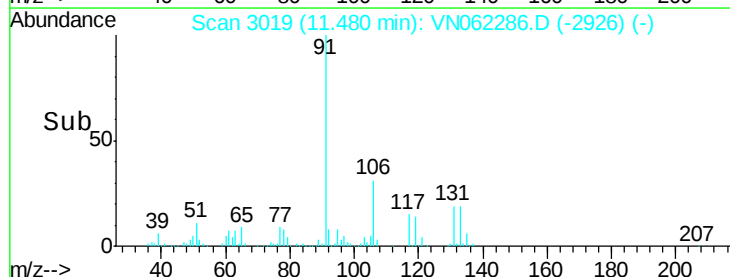
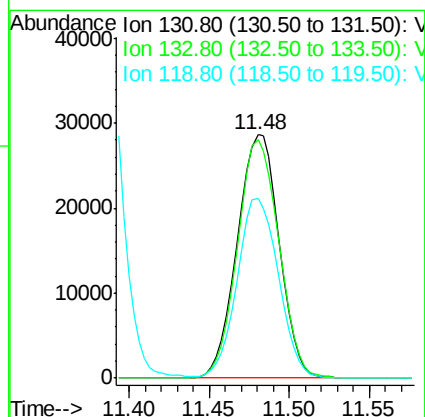
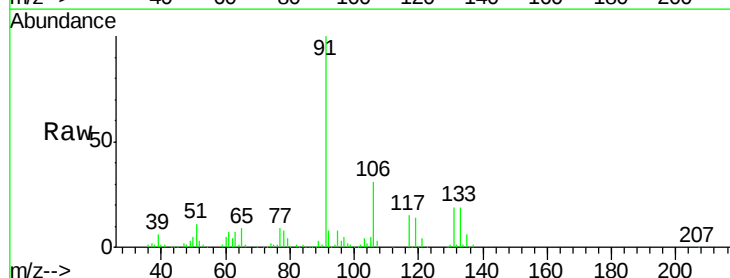
Tgt Ion:131 Resp: 51123

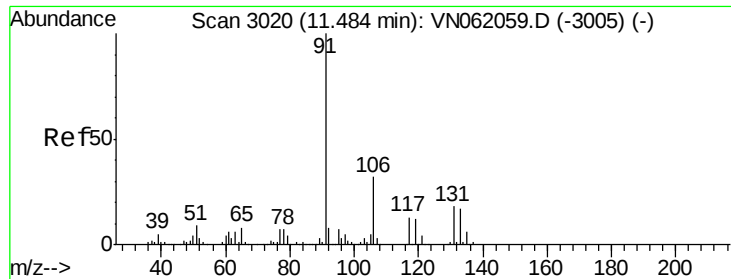
Ion Ratio Lower Upper

131 100

133 96.7 47.6 142.9

119 72.8 34.4 103.3





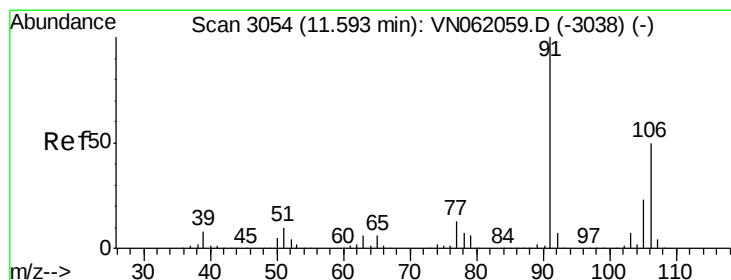
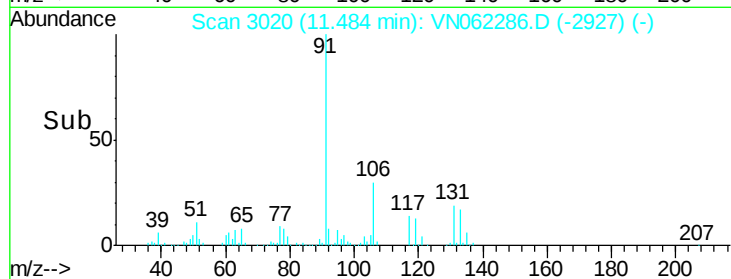
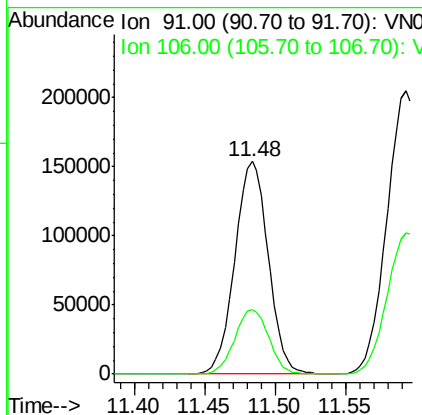
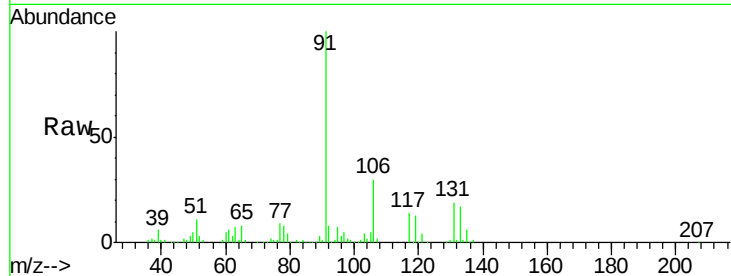
#67
Ethyl Benzene
Concen: 19.907 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampled :
VN0701WBSD01

Tot Ion: 91 Resp: 255646
Ion Ratio Lower Upper
91 100
106 30.5 25.3 37.9

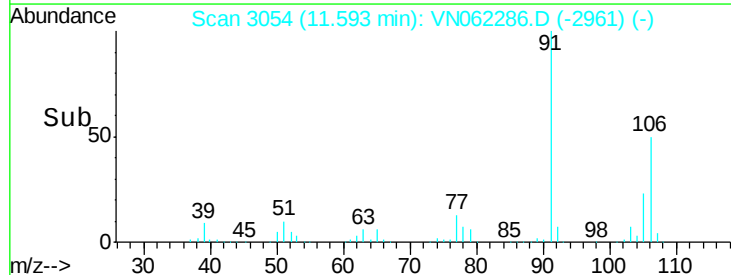
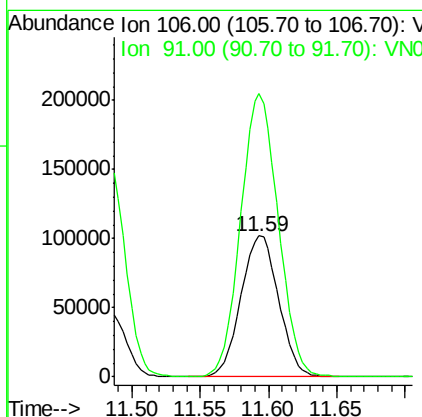
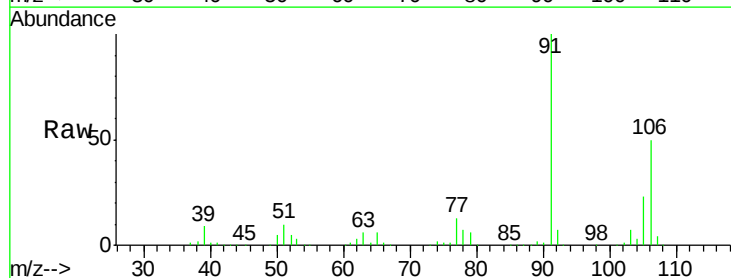
Manual Integrations
APPROVED

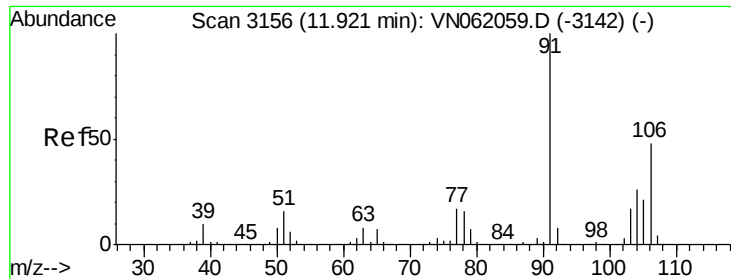
MMDadoda
7/2/2020 12:38:48 PM



#68
m/p-Xylenes
Concen: 39.190 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Tgt Ion: 106 Resp: 194663
Ion Ratio Lower Upper
106 100
91 201.2 157.8 236.8





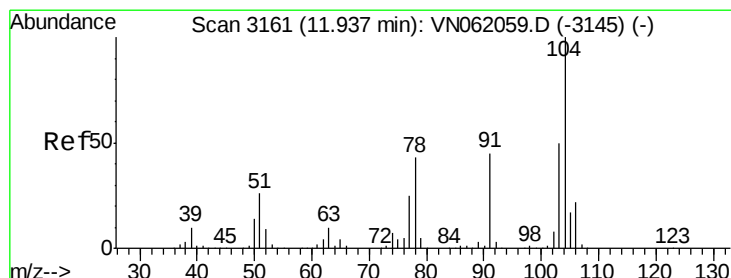
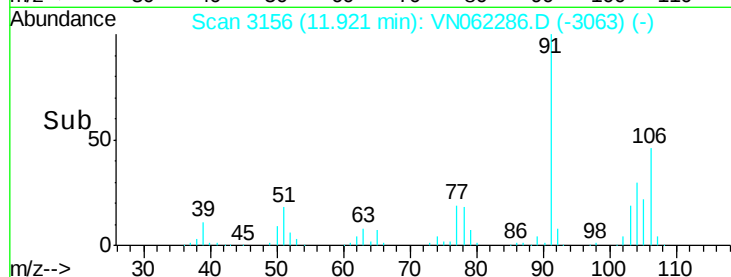
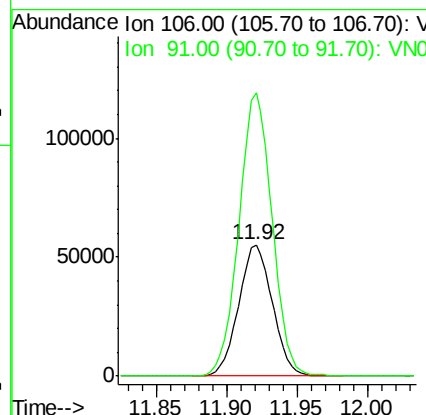
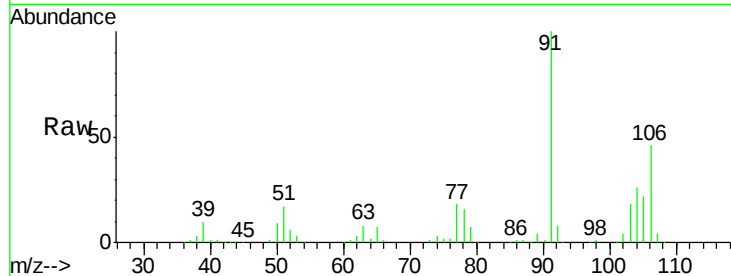
#69
o-Xylene
Concen: 19.826 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampled :
VN0701WBSD01

Tot Ion:106 Resp: 92914
Ion Ratio Lower Upper
106 100
91 211.6 104.0 311.9

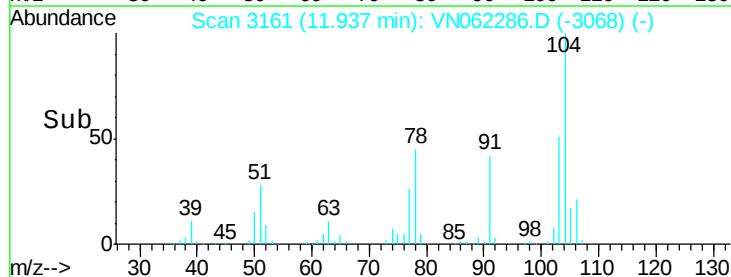
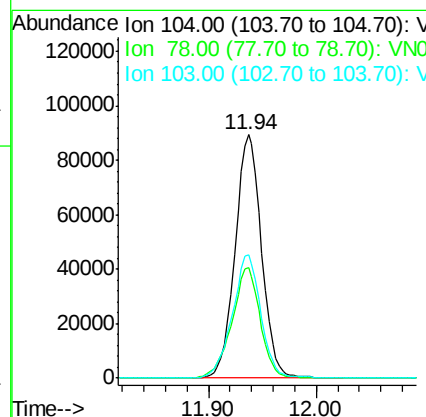
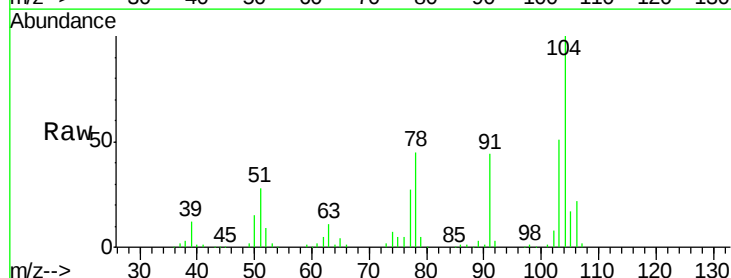
Manual Integrations
APPROVED

MMDadoda
7/2/2020 12:38:48 PM



#70
Styrene
Concen: 19.572 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Tgt Ion:104 Resp: 152972
Ion Ratio Lower Upper
104 100
78 48.5 37.7 56.5
103 54.6 43.0 64.6





#71

Bromoform

Concen: 18.939 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

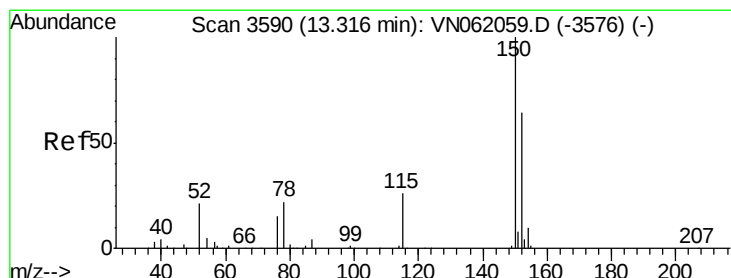
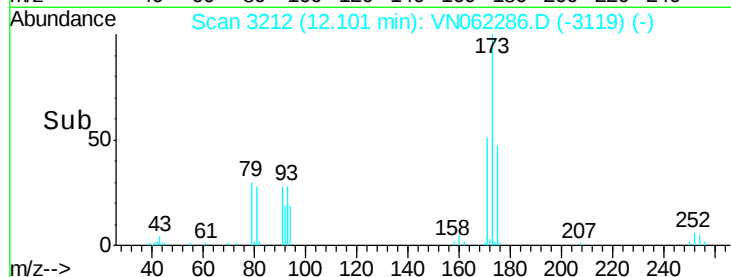
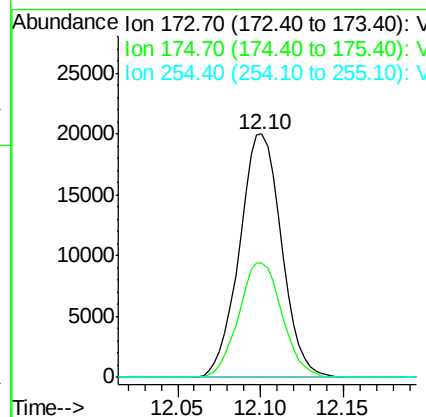
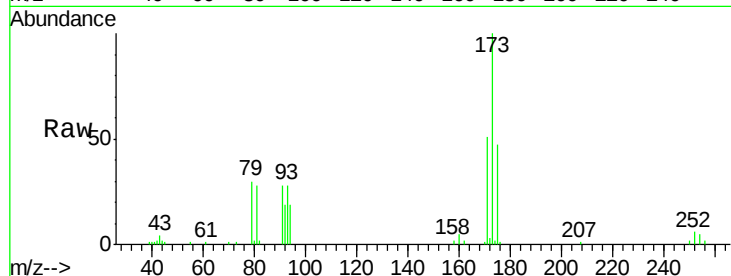
ClientSampled :

VN0701WBSD01

Tot Ion:	173	Resp:	35406
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.7	74.1
254	0.0	0.0	0.0

Manual Integrations
APPROVED

MMDadoda
7/2/2020 12:38:48 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

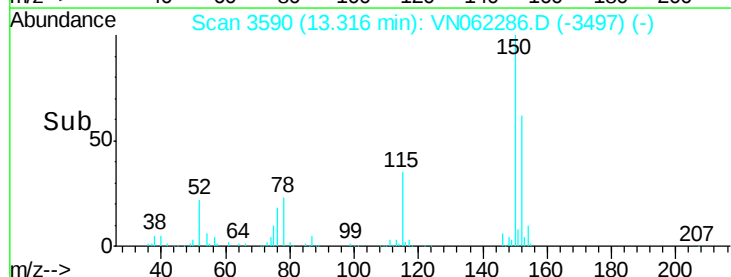
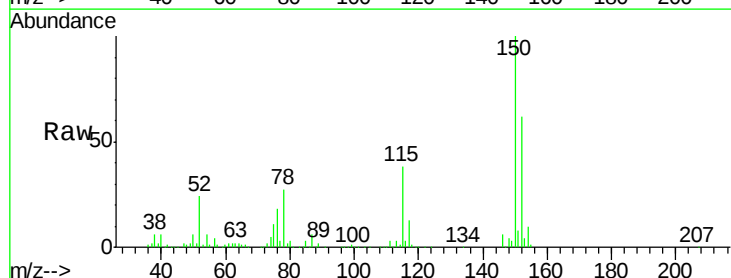
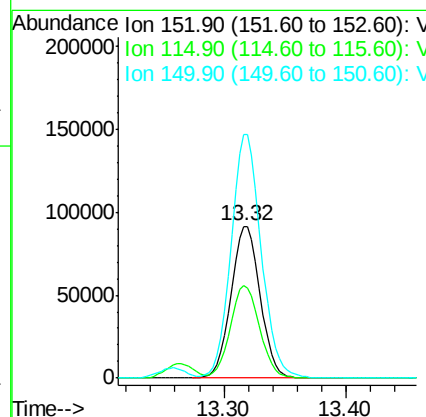
RT: 13.32 min Scan# 3590

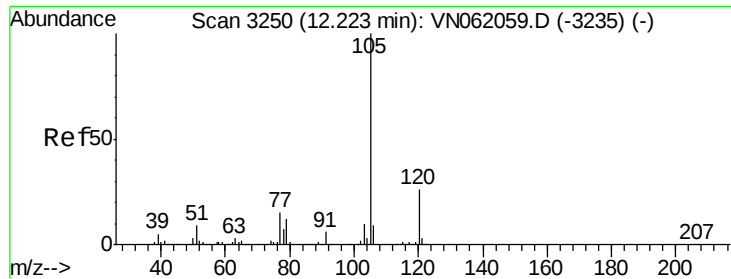
Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Tgt Ion:	152	Resp:	153125
Ion Ratio	Lower	Upper	
152	100		
115	61.4	29.5	88.5
150	164.9	0.0	351.4





#73

Isopropylbenzene

Concen: 20.629 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampled :

VN0701WBSD01

Tot Ion: 105 Resp: 244514

Ion Ratio Lower Upper

105 100

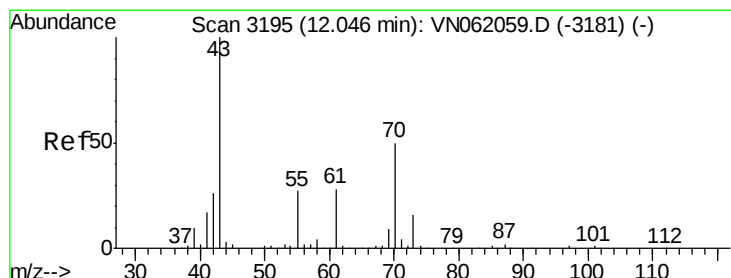
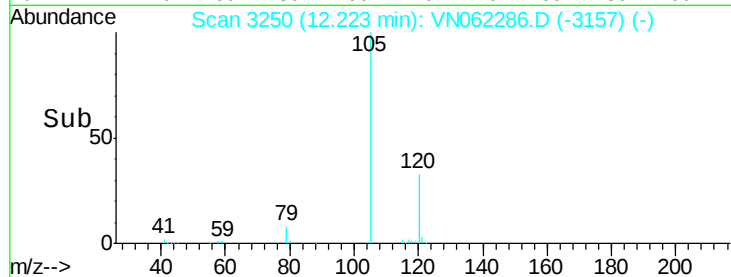
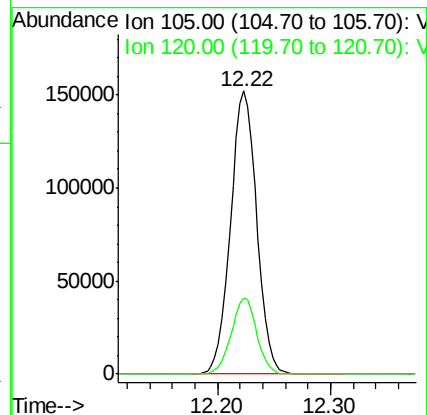
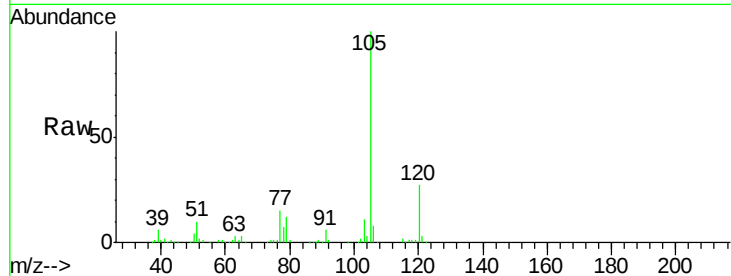
120 26.2 13.2 39.6

Manual Integrations

APPROVED

MMDadoda

7/2/2020 12:38:48 PM



#74

N-ethyl acetate

Concen: 21.925 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Tgt Ion: 43 Resp: 86888

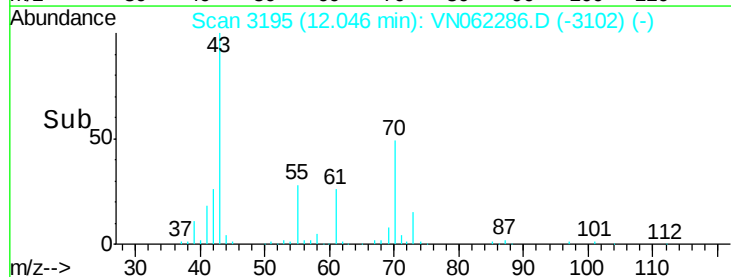
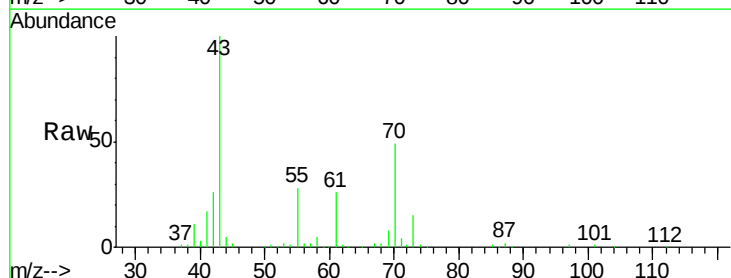
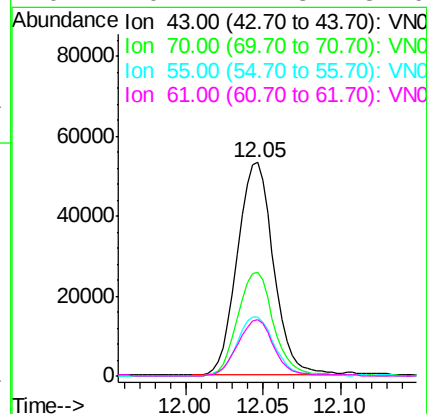
Ion Ratio Lower Upper

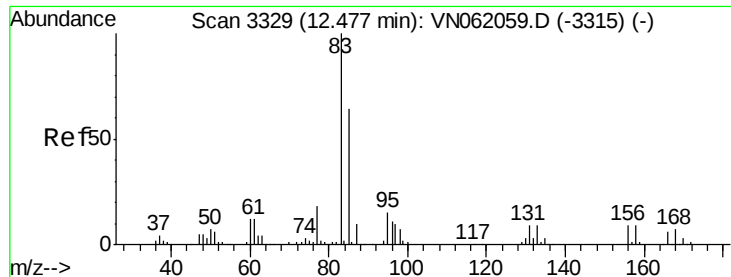
43 100

70 48.5 39.4 59.2

55 28.8 21.7 32.5

61 26.4 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 21.471 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

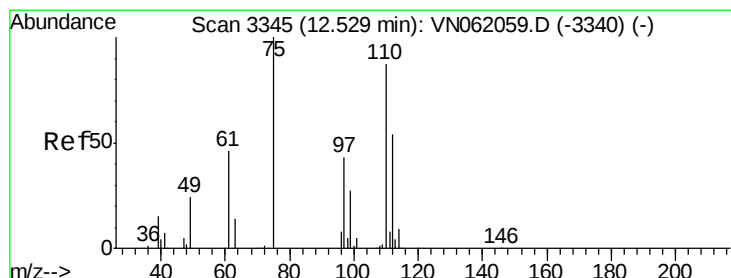
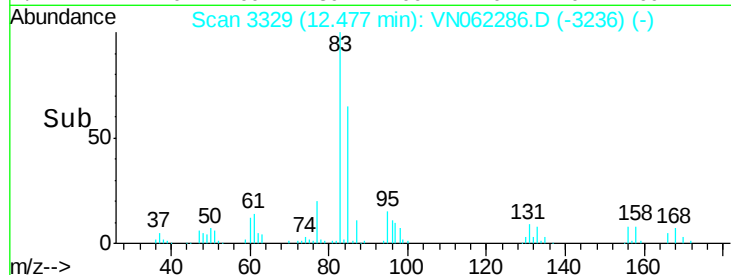
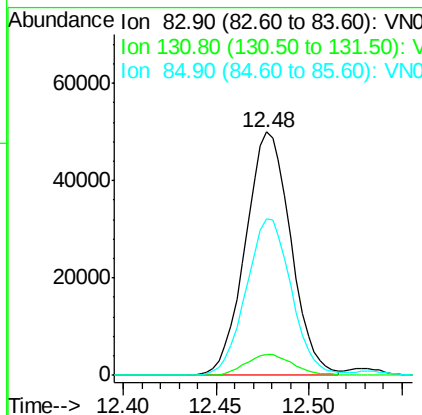
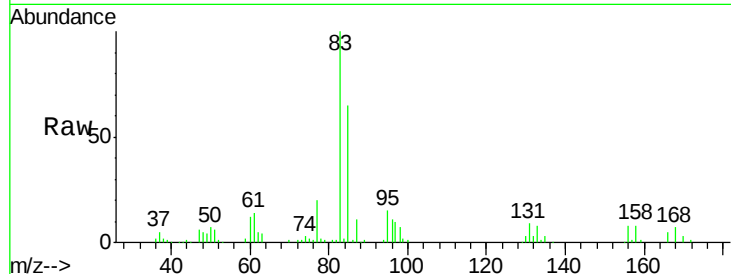
ClientSampleId :

VN0701WBSD01

Tot Ion:	83	Resp:	84689
Ion	Ratio	Lower	Upper
83	100		
131	9.1	4.8	14.4
85	64.3	32.4	97.0

Manual Integrations
APPROVED

MMDadoda
7/2/2020 12:38:48 PM



#76

1,2,3-Trichloropropane

Concen: 21.428 ug/l m

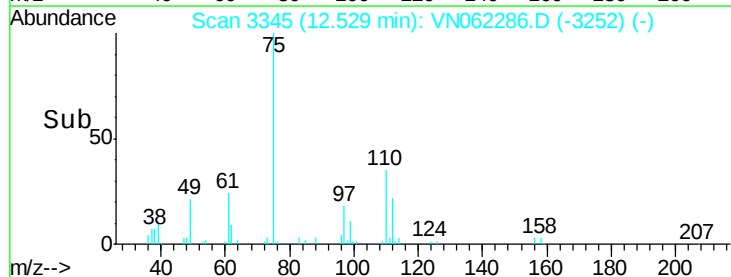
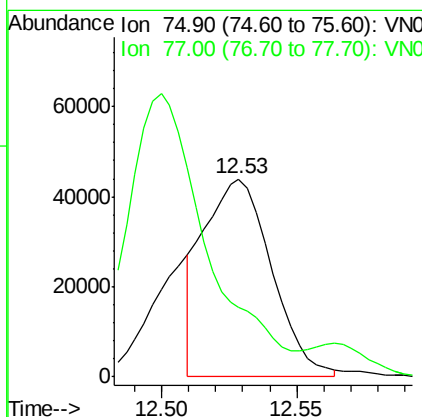
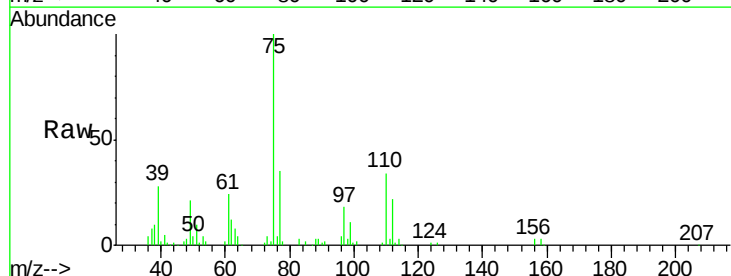
RT: 12.53 min Scan# 3345

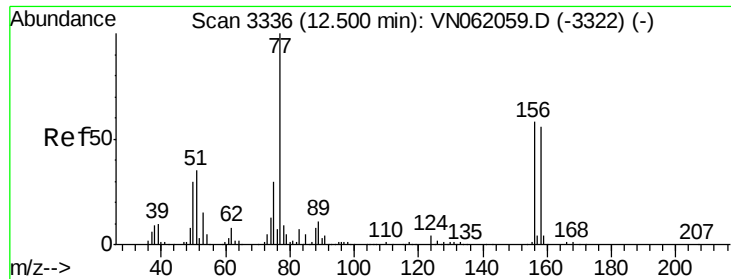
Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Tgt Ion:	75	Resp:	77243
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.608 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

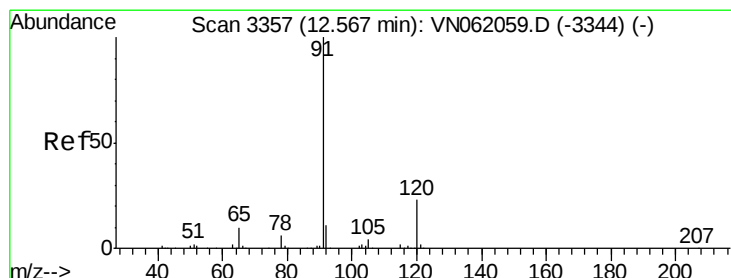
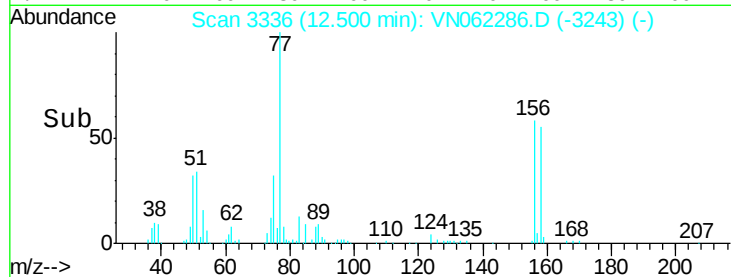
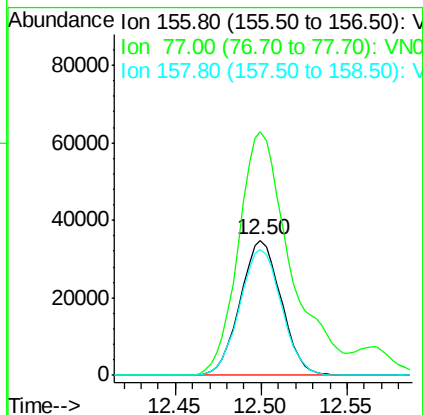
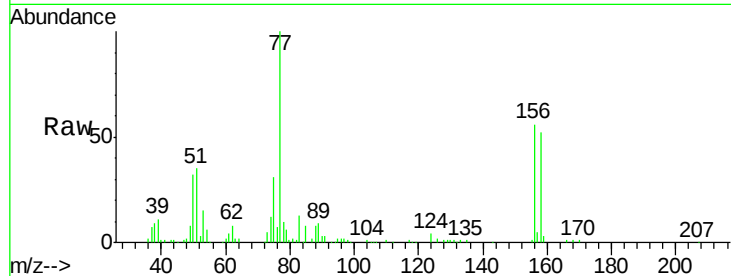
ClientSampled :

VN0701WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	229.7	104.6	313.8
158	95.1	48.0	144.0

Manual Integrations
APPROVED

MMDadoda
7/2/2020 12:38:48 PM



#78

n-propylbenzene

Concen: 21.168 ug/l

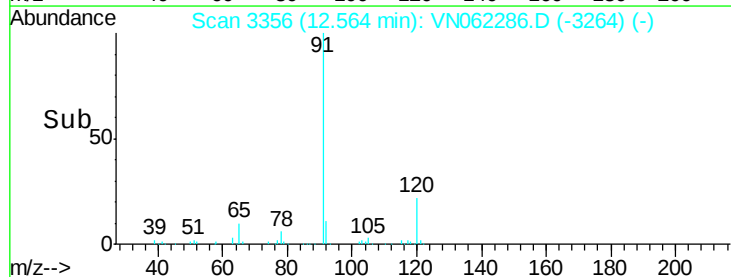
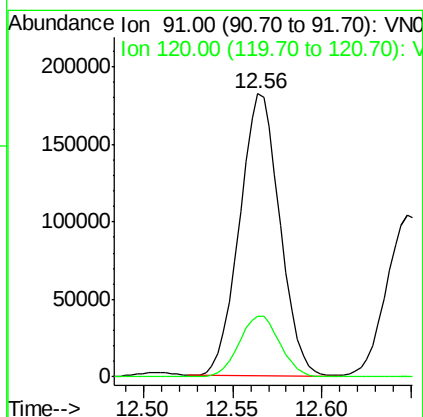
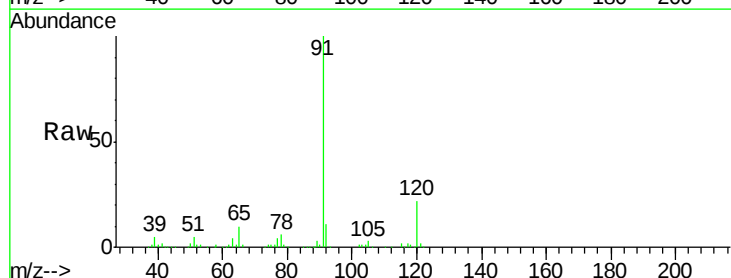
RT: 12.56 min Scan# 3356

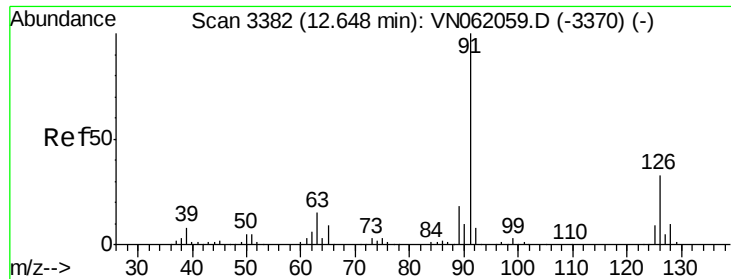
Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.4	34.1





#79

2-Chlorotoluene

Concen: 21.080 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampled :

VN0701WBSD01

Tot Ion: 91 Resp: 172782

Ion Ratio Lower Upper

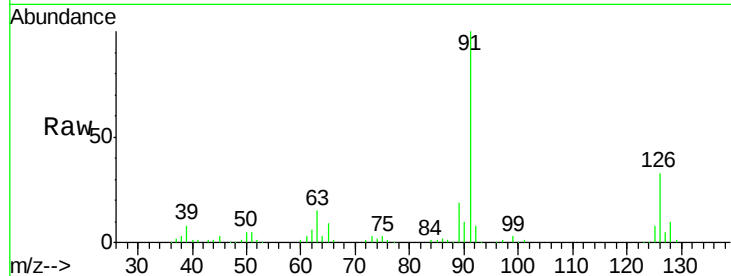
91 100

126 32.0 16.9 50.7

Manual Integrations
APPROVED

MMDadoda

7/2/2020 12:38:48 PM



Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062059.D (-3370) (-)

150000

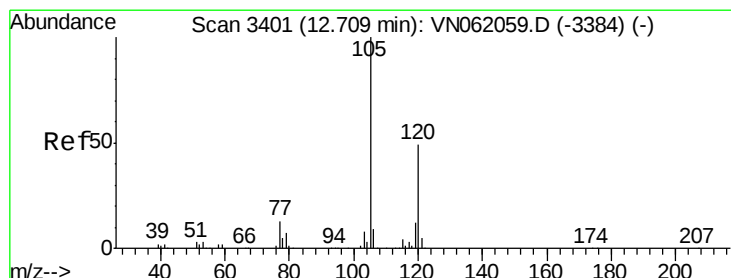
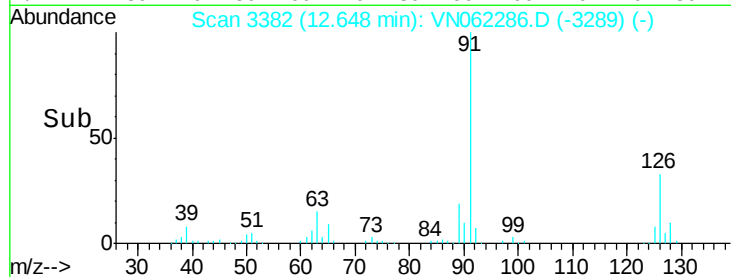
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.983 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062286.D

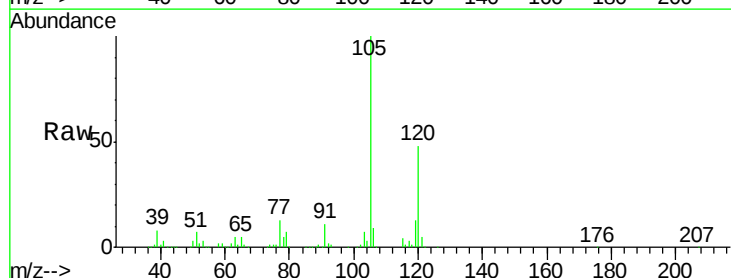
Acq: 1 Jul 2020 12:50

Tgt Ion: 105 Resp: 201619

Ion Ratio Lower Upper

105 100

120 49.2 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062059.D (-3384) (-)

Ion 120.00 (119.70 to 120.70): VN062059.D (-3384) (-)

150000

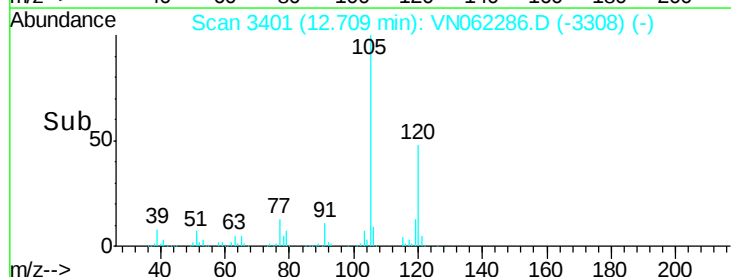
100000

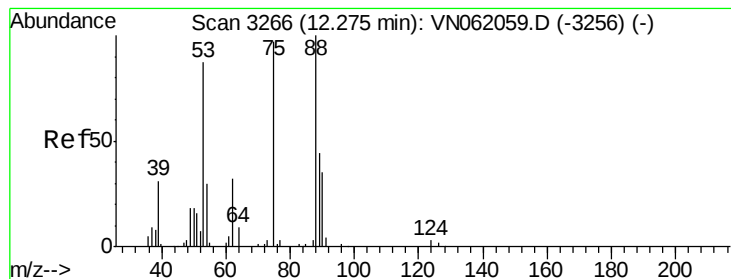
50000

0

12.60 12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 21.063 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBSD01

Tot Ion: 75 Resp: 25998

Ion Ratio Lower Upper

75 100

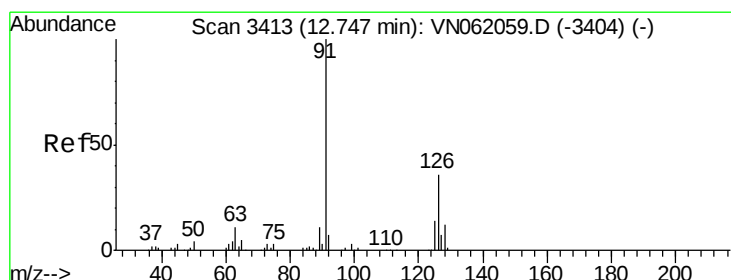
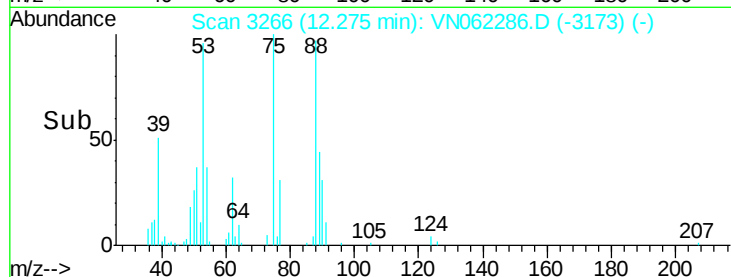
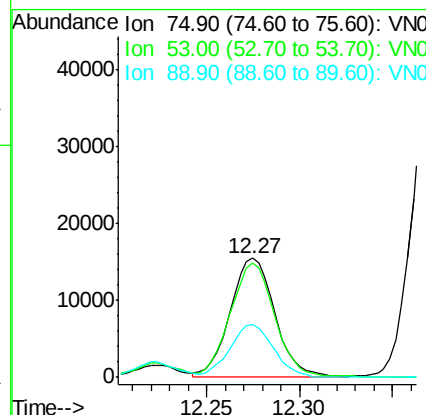
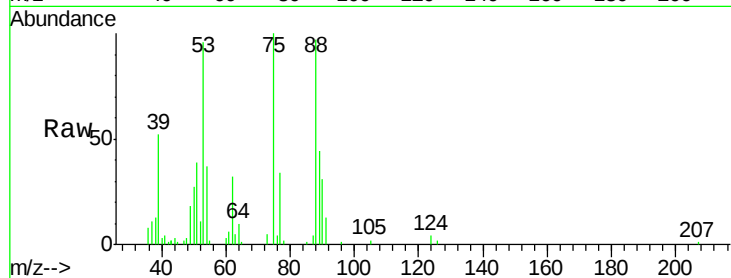
53 95.6 72.0 108.0

89 43.2 36.9 55.3

Manual Integrations
APPROVED

MMDadoda

7/2/2020 12:38:48 PM



#82

4-Chlorotoluene

Concen: 20.404 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062286.D

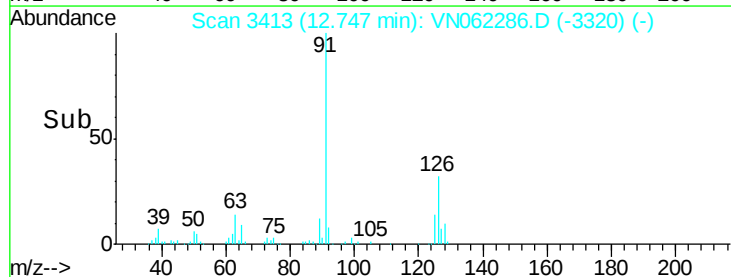
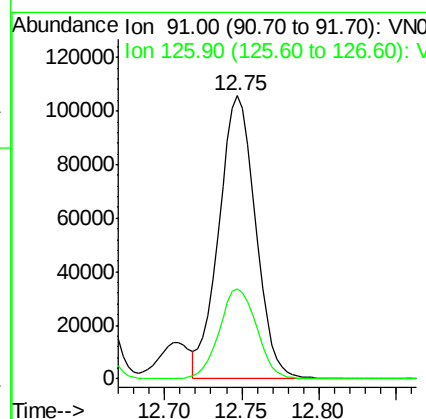
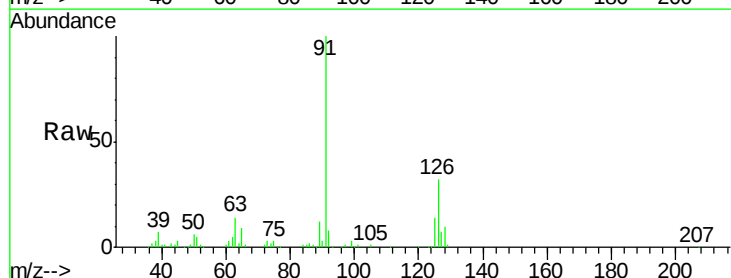
Acq: 1 Jul 2020 12:50

Tgt Ion: 91 Resp: 172950

Ion Ratio Lower Upper

91 100

126 32.8 16.7 50.1





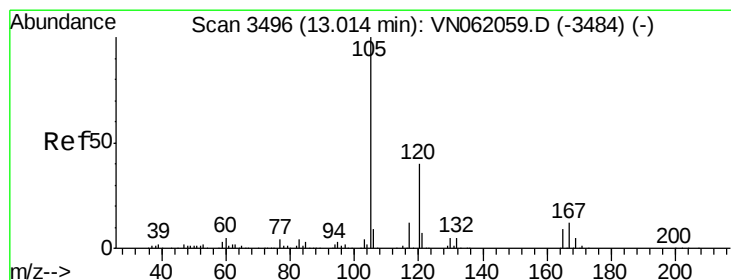
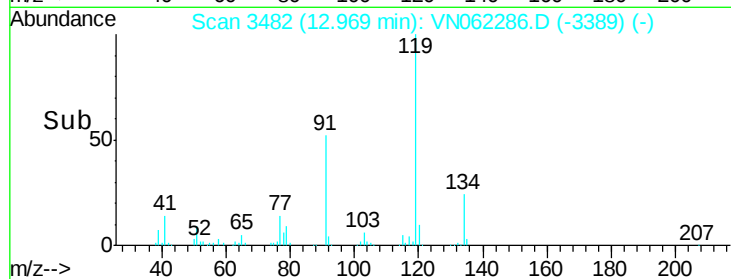
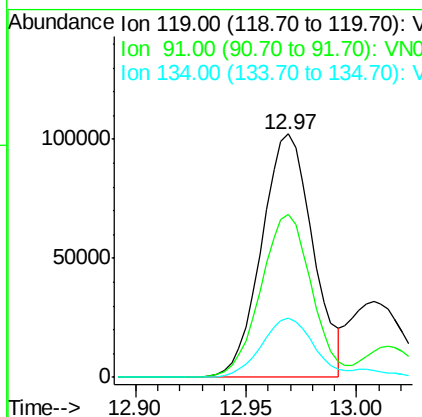
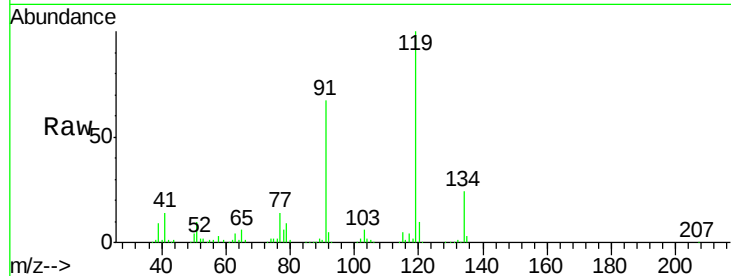
#83
 tert-Butylbenzene
 Concen: 20.005 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Instrument :
 MSVOA_N
 ClientSampled :
 VN0701WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.2	31.7	95.1
134	24.8	13.1	39.1

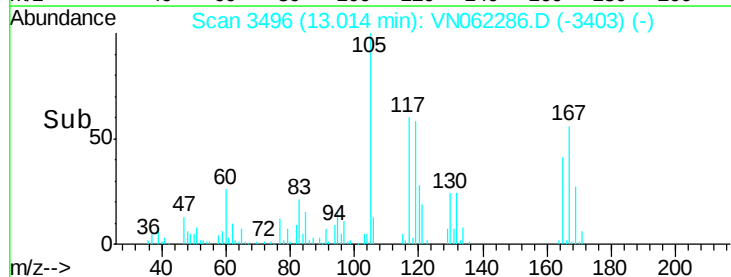
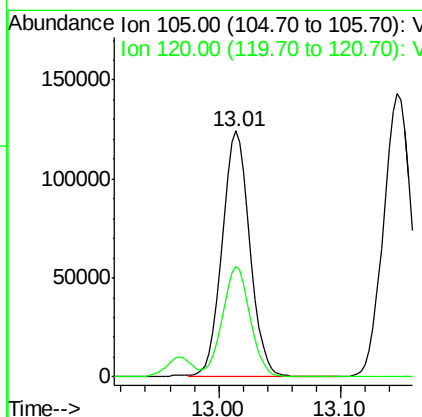
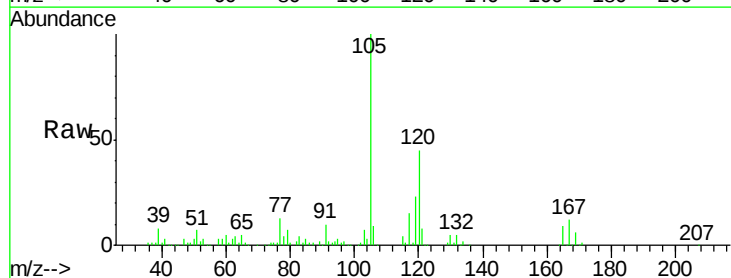
Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 12:38:48 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.694 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	23.2	69.5





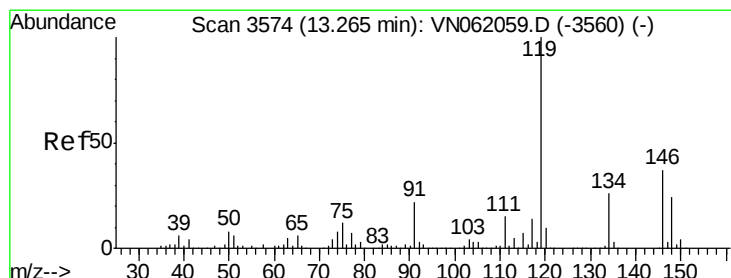
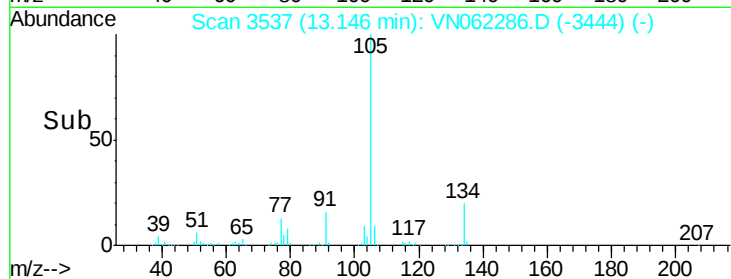
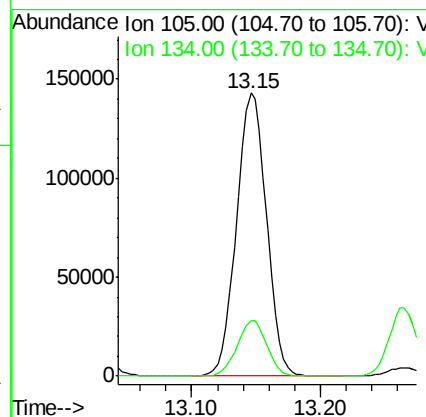
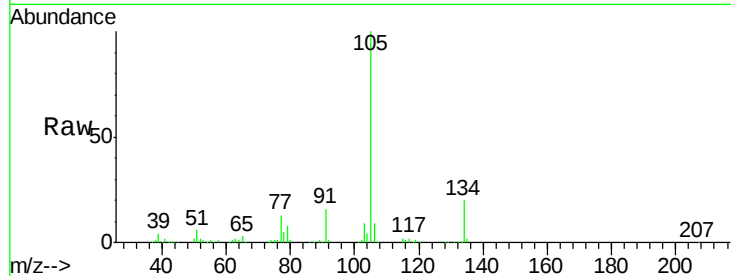
#85
 sec-Butylbenzene
 Concen: 21.263 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.7	29.1

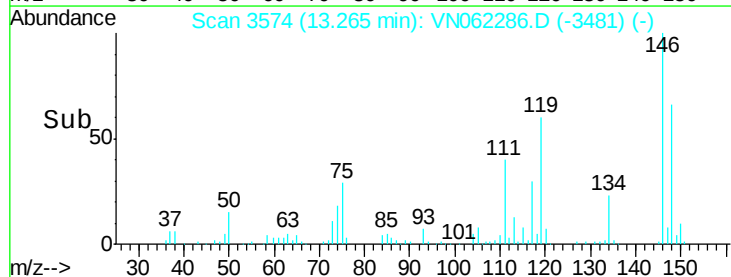
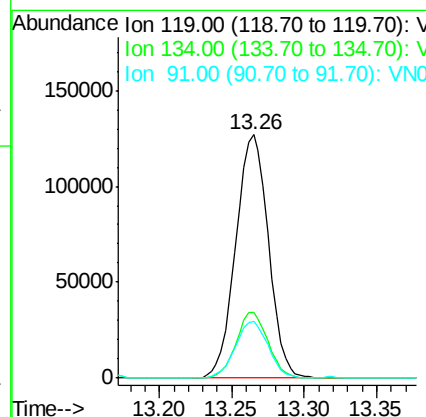
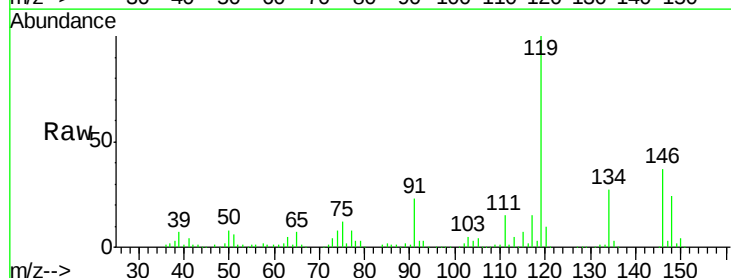
Manual Integrations
 APPROVED

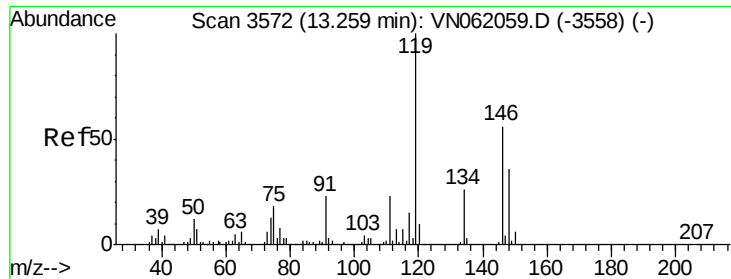
MMDadoda
 7/2/2020 12:38:48 PM



#86
 p-Isopropyltoluene
 Concen: 20.847 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.0	39.0
91	23.5	11.3	33.8





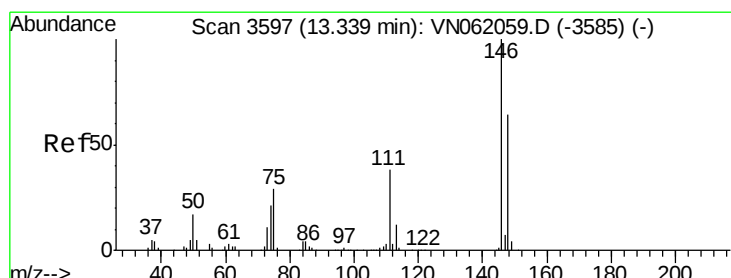
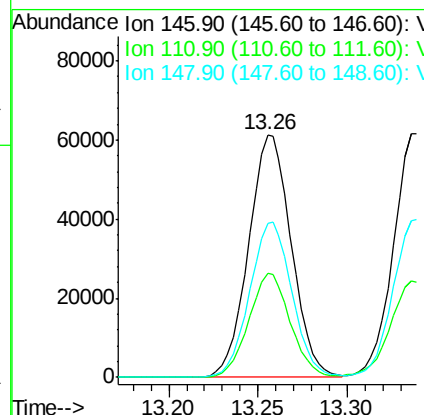
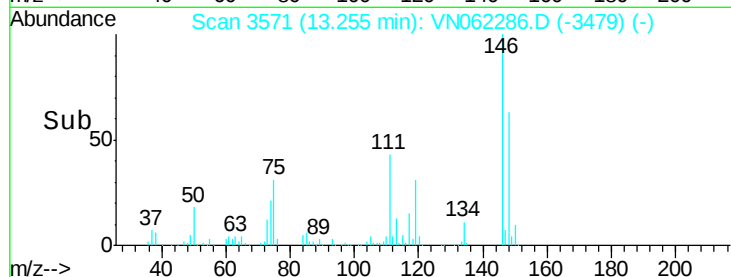
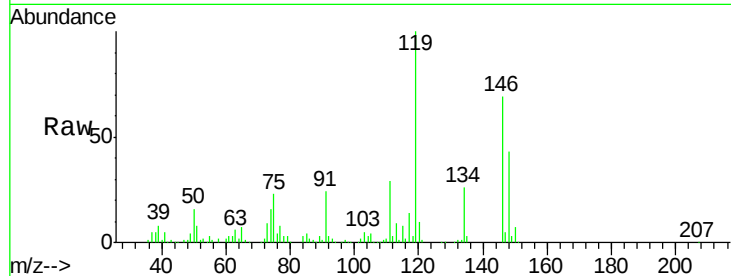
#87
 1,3-Dichlorobenzene
 Concen: 19.903 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.3	61.0
148	63.4	31.8	95.3

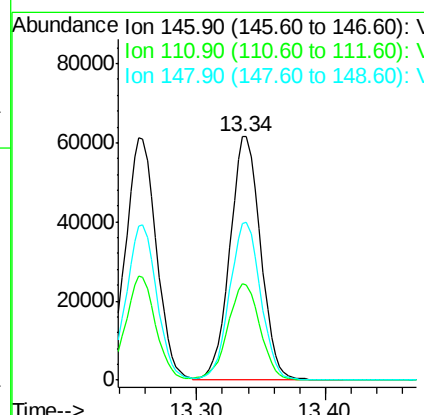
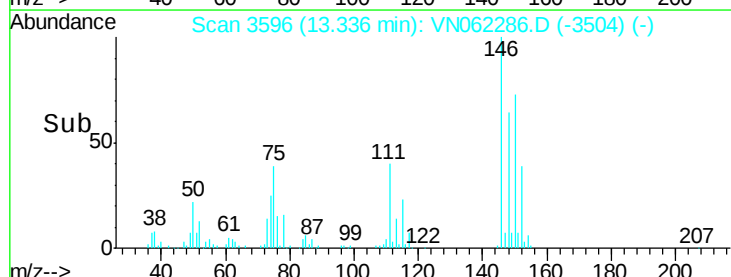
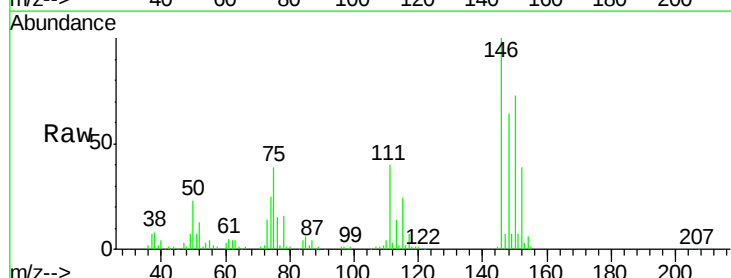
Manual Integrations
 APPROVED

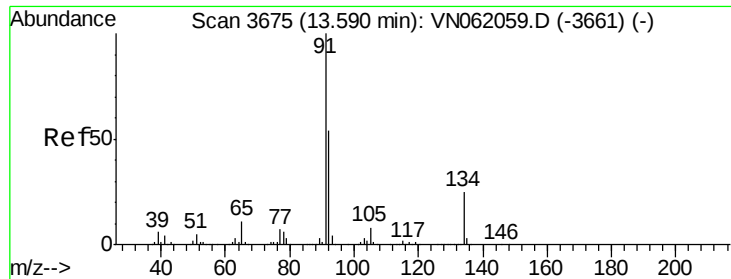
MMDadoda
 7/2/2020 12:38:48 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.179 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	19.9	59.6
148	64.4	31.9	95.9





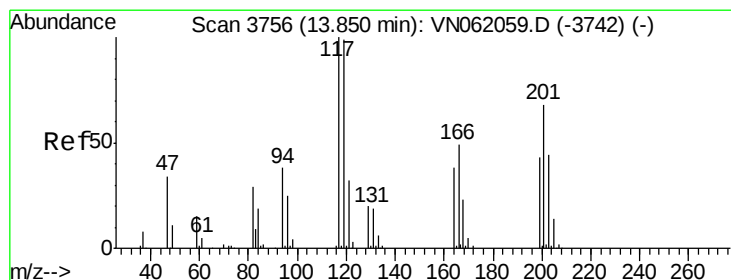
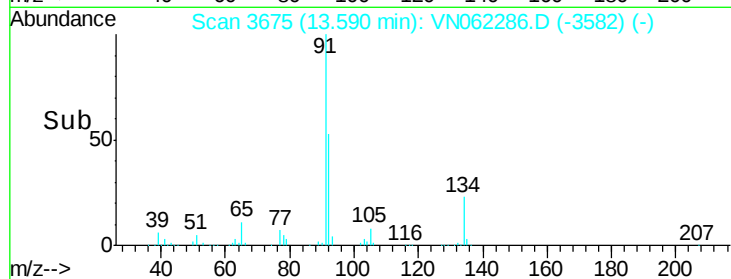
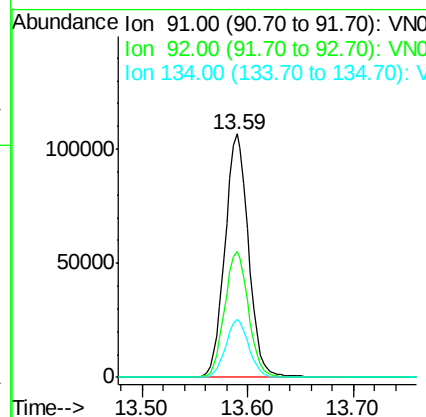
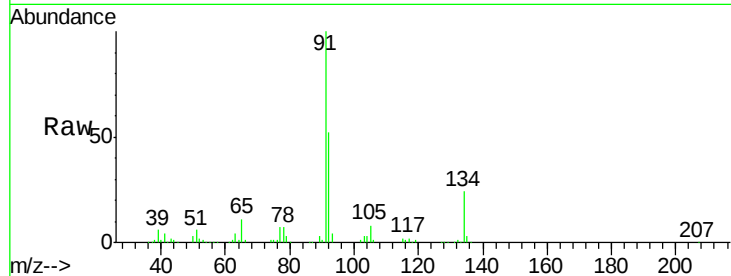
#89
n-Butylbenzene
Concen: 20.816 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampled :
VN0701WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.6	79.7
134	23.2	12.3	36.9

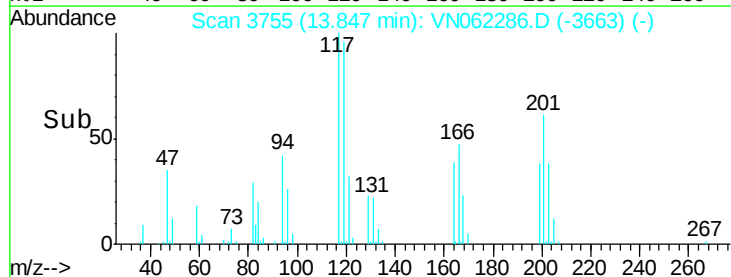
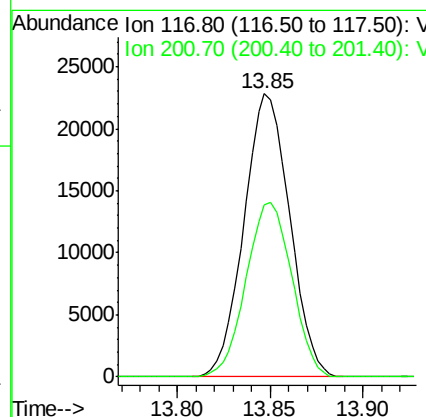
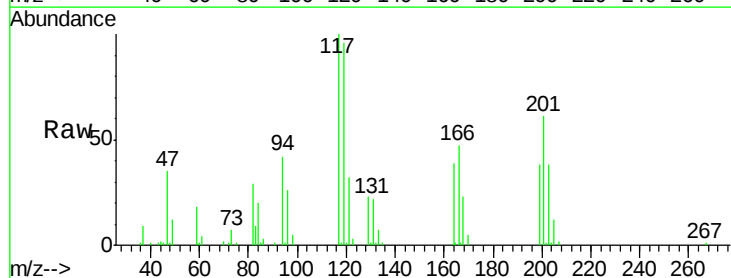
Manual Integrations
APPROVED

MMDadoda
7/2/2020 12:38:48 PM



#90
Hexachloroethane
Concen: 20.894 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	61.5	32.7	98.1





#91

1,2-Dichlorobenzene

Concen: 20.021 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Instrument :

MSVOA_N

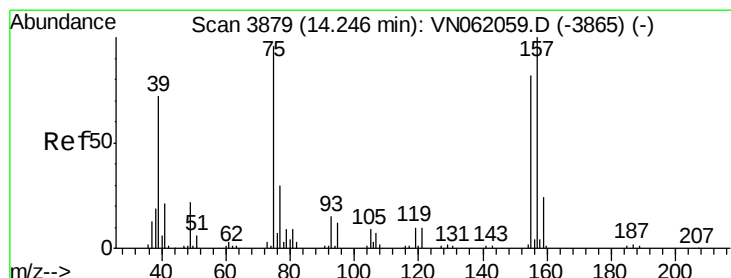
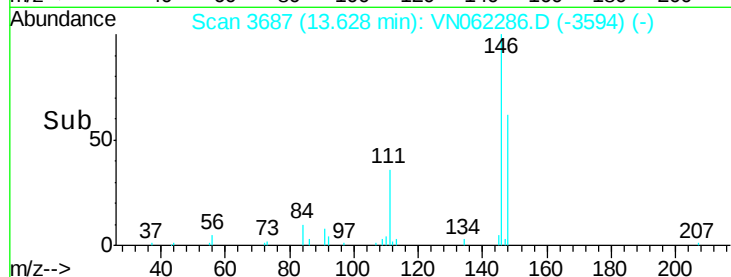
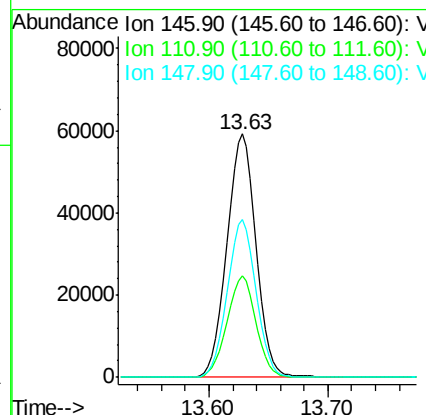
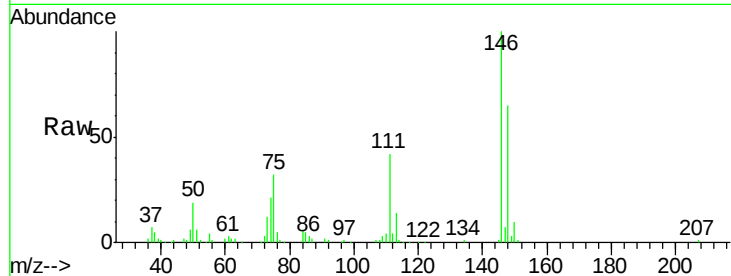
ClientSampleId :

VN0701WBSD01

Tot Ion:	146	Resp:	100325
Ion Ratio		Lower	Upper
146	100		
111	41.2	21.2	63.6
148	63.9	31.9	95.5

Manual Integrations
APPROVED

MMDadoda
7/2/2020 12:38:48 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.509 ug/l

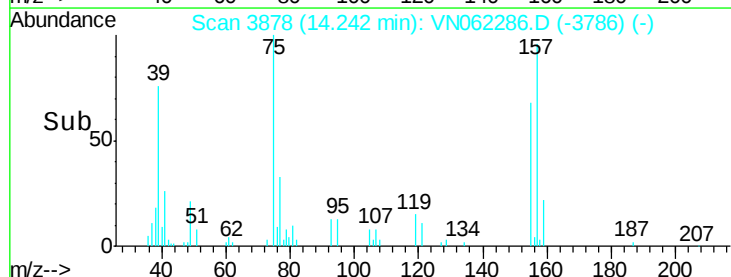
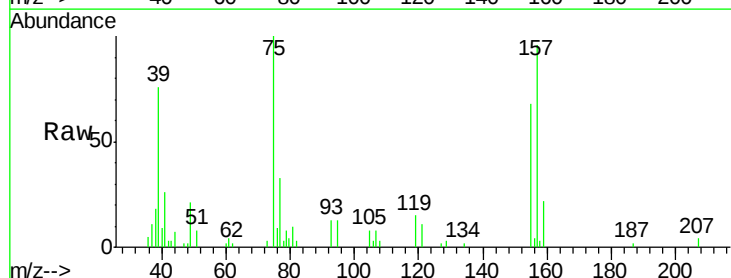
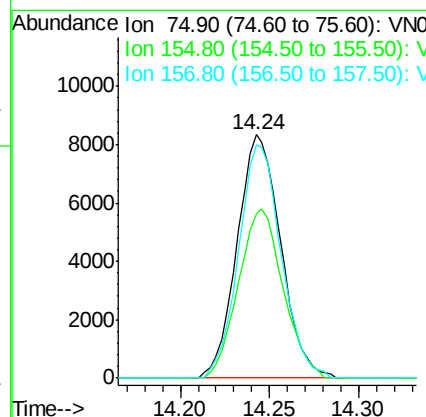
RT: 14.24 min Scan# 3878

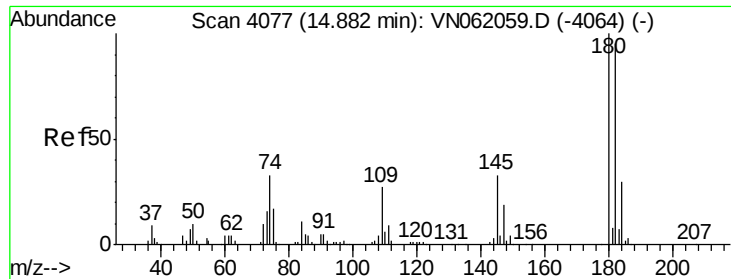
Delta R.T. -0.00 min

Lab File: VN062286.D

Acq: 1 Jul 2020 12:50

Tgt Ion:	75	Resp:	14223
Ion Ratio		Lower	Upper
75	100		
155	71.1	40.8	122.4
157	93.7	51.4	154.3





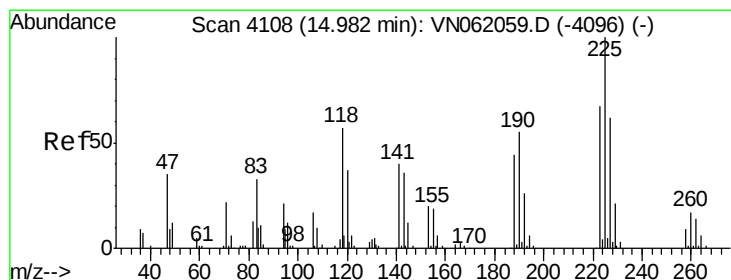
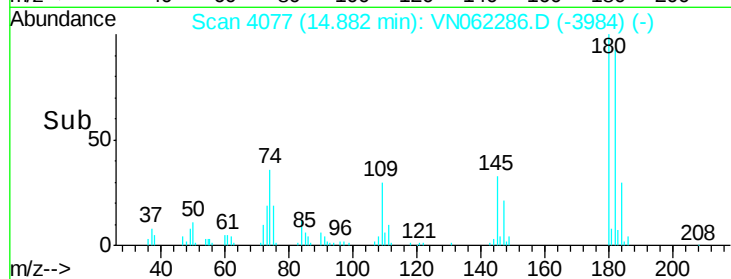
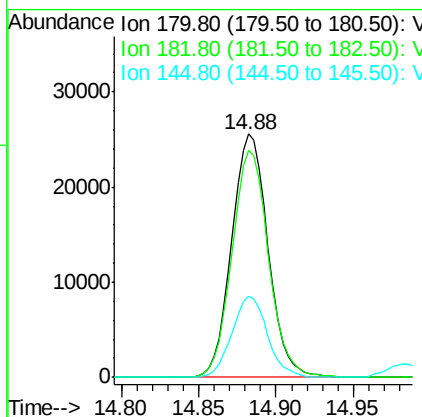
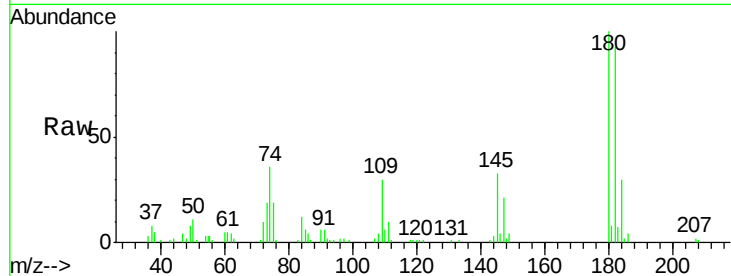
#93
 1,2,4-Trichlorobenzene
 Concen: 19.040 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Instrument :
 MSVOA_N
 ClientSampled :
 VN0701WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	41680		
182	94.0	48.0	144.2	
145	32.4	16.0	48.0	

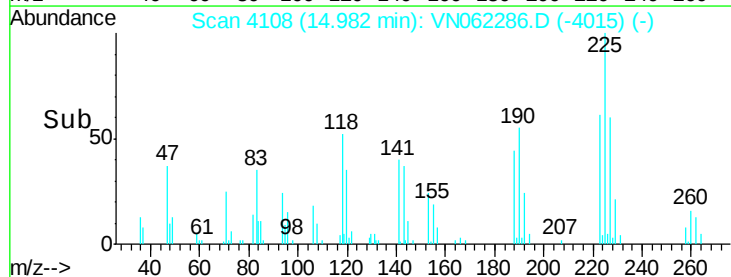
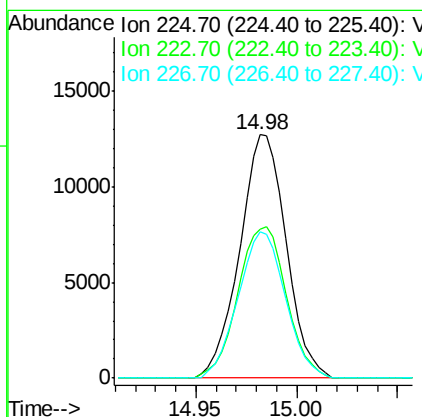
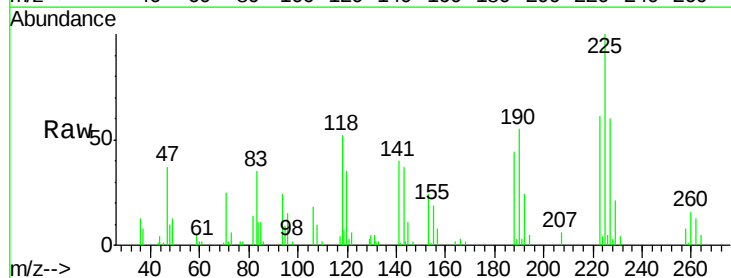
Manual Integrations
 APPROVED

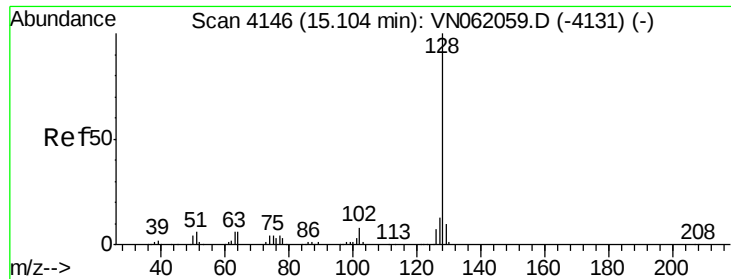
MMDadoda
 7/2/2020 12:38:48 PM



#94
 Hexachlorobutadiene
 Concen: 21.597 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062286.D
 Acq: 1 Jul 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	20534		
223	64.7	32.9	98.7	
227	61.1	31.3	93.8	





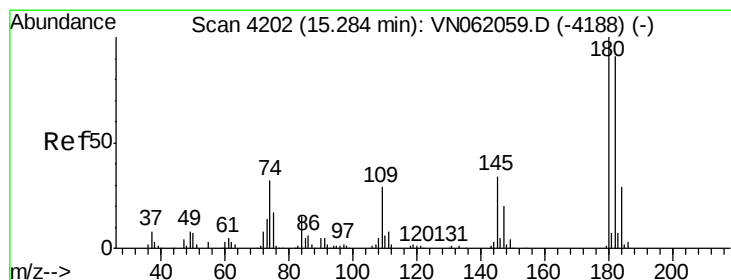
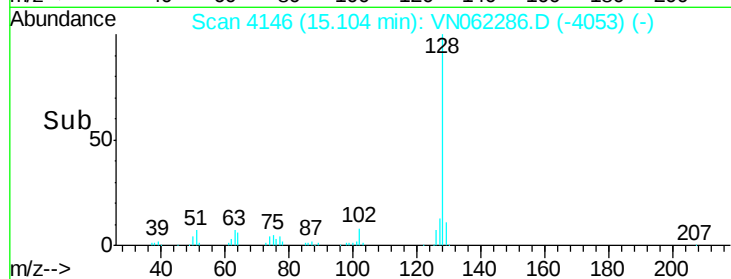
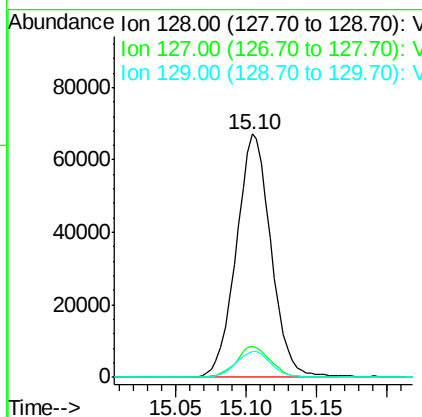
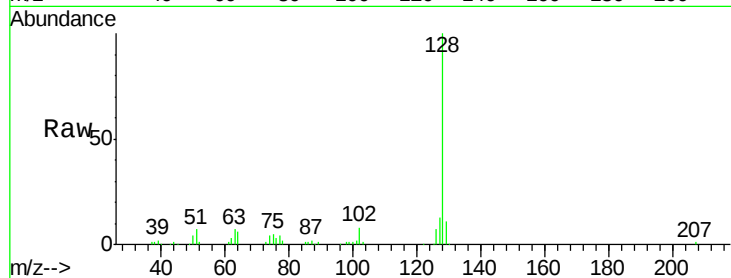
#95
Naphthalene
Concen: 18.562 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.5	15.7
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
7/2/2020 12:38:48 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.356 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062286.D
Acq: 1 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	46.8	140.4
145	32.4	16.4	49.2

