

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120120\
 Data File : VN064874.D
 Acq On : 1 Dec 2020 10:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/2/2020 12:43:21 PM

Quant Time: Dec 02 00:21:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	212327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	309672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	291424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	149371	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	115583	46.82	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.64%
35) Dibromofluoromethane	7.55	113	98173	52.98	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	105.96%
50) Toluene-d8	10.06	98	387257	51.15	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.30%
62) 4-Bromofluorobenzene	12.37	95	139566	51.51	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.02%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	77624	42.183	ug/l 98
3) Chloromethane	2.04	50	99715	41.699	ug/l 100
4) Vinyl Chloride	2.16	62	105634	42.370	ug/l 97
5) Bromomethane	2.52	94	65355	39.955	ug/l 98
6) Chloroethane	2.67	64	67874	44.017	ug/l 99
7) Trichlorofluoromethane	2.98	101	154634	44.870	ug/l 96
8) Diethyl Ether	3.37	74	60498	44.473	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	96831	46.838	ug/l 99
10) Methyl Iodide	3.90	142	113818	42.444	ug/l 98
11) Tert butyl alcohol	4.75	59	83651	217.298	ug/l 99
12) 1,1-Dichloroethene	3.69	96	93231	45.281	ug/l 99
13) Acrolein	3.56	56	62360	265.204	ug/l 98
14) Allyl chloride	4.27	41	150662	44.366	ug/l 99
15) Acrylonitrile	4.93	53	253582	238.450	ug/l 98
16) Acetone	3.78	43	178514	219.995	ug/l 96
17) Carbon Disulfide	4.00	76	235296	44.261	ug/l 98
18) Methyl Acetate	4.28	43	117288	48.075	ug/l 98
19) Methyl tert-butyl Ether	5.00	73	311784	47.215	ug/l 100
20) Methylene Chloride	4.50	84	111083	43.687	ug/l 98
21) trans-1,2-Dichloroethene	4.98	96	102985	45.042	ug/l 95
22) Diisopropyl ether	5.90	45	328036	48.261	ug/l 99
23) Vinyl Acetate	5.84	43	1309605	240.935	ug/l 99
24) 1,1-Dichloroethane	5.79	63	189689	46.696	ug/l 99
25) 2-Butanone	6.79	43	307021	233.406	ug/l 96
26) 2,2-Dichloropropane	6.77	77	157337	44.658	ug/l 99
27) cis-1,2-Dichloroethene	6.78	96	121162	47.093	ug/l 96
28) Bromochloromethane	7.15	49	85608	46.067	ug/l 99
29) Tetrahydrofuran	7.17	42	208434	229.551	ug/l 98
30) Chloroform	7.33	83	195600	46.692	ug/l 99
31) Cyclohexane	7.61	56	149851	43.556	ug/l 97
32) 1,1,1-Trichloroethane	7.52	97	165698	46.054	ug/l 99
36) 1,1-Dichloropropene	7.75	75	143266	49.912	ug/l 99
37) Ethyl Acetate	6.88	43	129020	46.663	ug/l 98
38) Carbon Tetrachloride	7.73	117	149090	49.920	ug/l 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120120\
 Data File : VN064874.D
 Acq On : 1 Dec 2020 10:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/2/2020 12:43:21 PM

Quant Time: Dec 02 00:21:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	156639	50.693	ug/l	98
40) Benzene	8.00	78	441413	50.185	ug/l	97
41) Methacrylonitrile	7.12	41	67230	52.697	ug/l	89
42) 1,2-Dichloroethane	8.08	62	145035	48.879	ug/l	99
43) Isopropyl Acetate	8.13	43	217919	48.980	ug/l	99
44) Trichloroethene	8.80	130	128473	49.504	ug/l	97
45) 1,2-Dichloropropane	9.08	63	119113	52.293	ug/l	99
46) Dibromomethane	9.17	93	77325	50.814	ug/l	98
47) Bromodichloromethane	9.37	83	157955	51.587	ug/l	98
48) Methyl methacrylate	9.16	41	103793	48.822	ug/l	96
49) 1,4-Dioxane	9.17	88	41213	1025.693	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	678555	254.045	ug/l	100
52) Toluene	10.12	92	274361	50.650	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	171194	50.198	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	186981	51.151	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	113865	51.119	ug/l	98
56) Ethyl methacrylate	10.40	69	160373	52.175	ug/l	99
57) 1,3-Dichloropropane	10.68	76	187053	50.908	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	441640	261.203	ug/l	99
59) 2-Hexanone	10.72	43	497122	258.611	ug/l	100
60) Dibromochloromethane	10.87	129	127029	51.305	ug/l	99
61) 1,2-Dibromoethane	10.98	107	116736	51.584	ug/l	99
64) Tetrachloroethene	10.60	164	146738	51.755	ug/l	98
65) Chlorobenzene	11.41	112	307612	49.153	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	116970	50.858	ug/l	99
67) Ethyl Benzene	11.48	91	526557	50.365	ug/l	100
68) m/p-Xylenes	11.59	106	410849	103.795	ug/l	100
69) o-Xylene	11.92	106	195256	51.982	ug/l	99
70) Styrene	11.94	104	339794	53.586	ug/l	99
71) Bromoform	12.10	173	89832	48.903	ug/l #	99
73) Isopropylbenzene	12.22	105	521620	50.205	ug/l	100
74) N-amyl acetate	12.04	43	193857	47.412	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	139564	45.829	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	148979m	46.312	ug/l	
77) Bromobenzene	12.50	156	132815	47.416	ug/l	99
78) n-propylbenzene	12.57	91	602872	50.935	ug/l	99
79) 2-Chlorotoluene	12.65	91	354965	48.517	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	443476	51.352	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	54862	46.743	ug/l	99
82) 4-Chlorotoluene	12.75	91	372808	48.613	ug/l	98
83) tert-Butylbenzene	12.97	119	371487	51.320	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	452490	51.822	ug/l	100
85) sec-Butylbenzene	13.14	105	498201	51.837	ug/l	99
86) p-Isopropyltoluene	13.26	119	469484	53.655	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	241203	48.468	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	244371	46.432	ug/l	100
89) n-Butylbenzene	13.59	91	396638	51.617	ug/l	100
90) Hexachloroethane	13.85	117	76487	50.318	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	235778	48.251	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	31057	45.325	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120120\
Data File : VN064874.D
Acq On : 1 Dec 2020 10:55
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

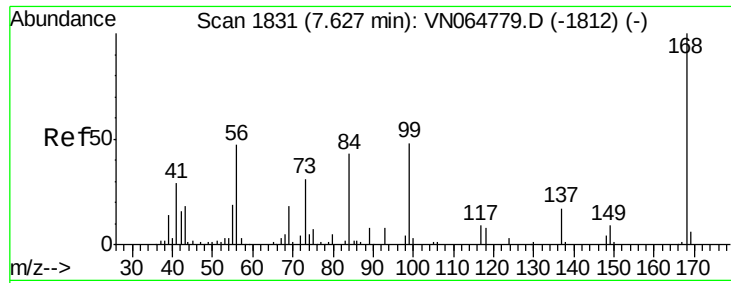
Manual Integrations
APPROVED

MMDadoda
12/2/2020 12:43:21 PM

Quant Time: Dec 02 00:21:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	142317	47.081	ug/l	100
94) Hexachlorobutadiene	14.98	225	69940	51.370	ug/l	99
95) Naphthalene	15.10	128	412933	45.598	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	136402	47.554	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 212327

Ion Ratio Lower Upper

168 100

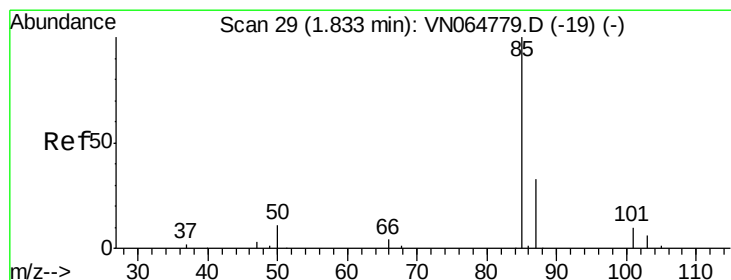
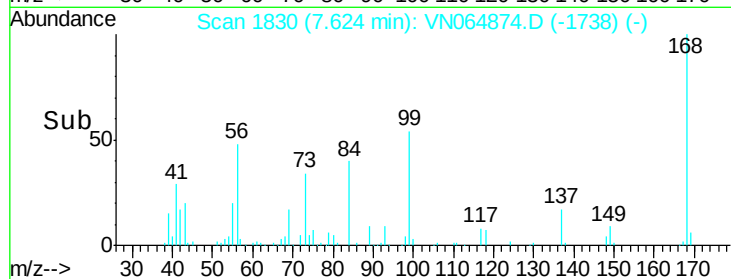
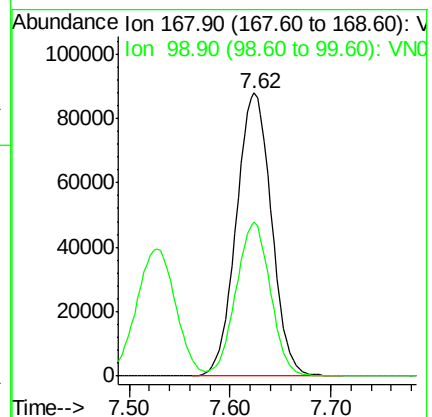
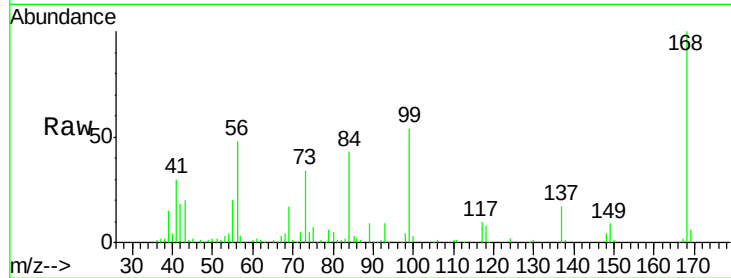
99 54.4 43.0 64.4

Manual Integrations

APPROVED

MMDadoda

12/2/2020 12:43:21 PM



#2

Dichlorodifluoromethane

Concen: 42.183 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064874.D

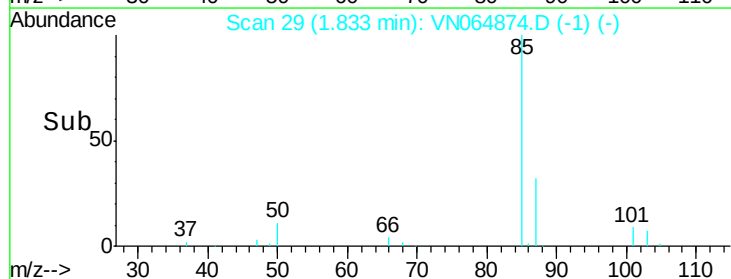
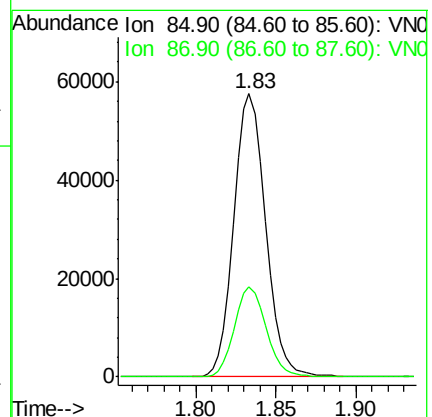
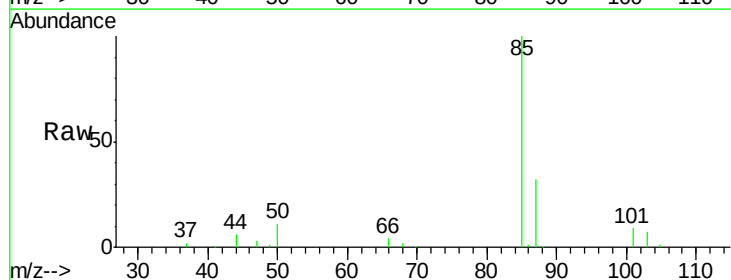
Acq: 1 Dec 2020 10:55

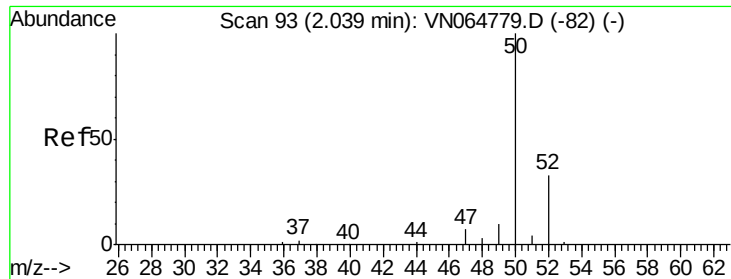
Tgt Ion: 85 Resp: 77624

Ion Ratio Lower Upper

85 100

87 31.8 16.4 49.4





#3

Chloromethane

Concen: 41.699 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 99715

Ion Ratio Lower Upper

50 100

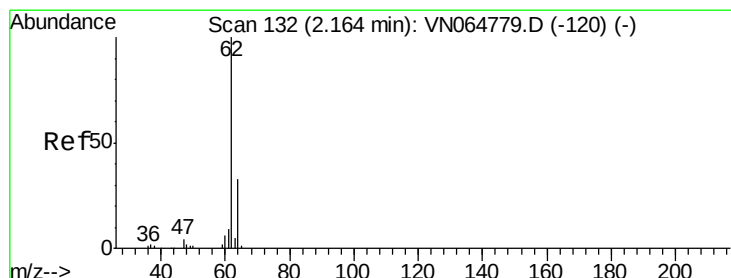
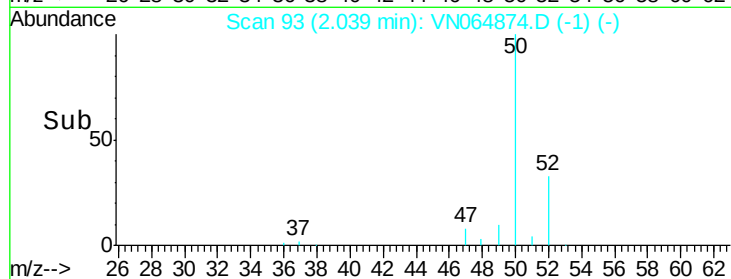
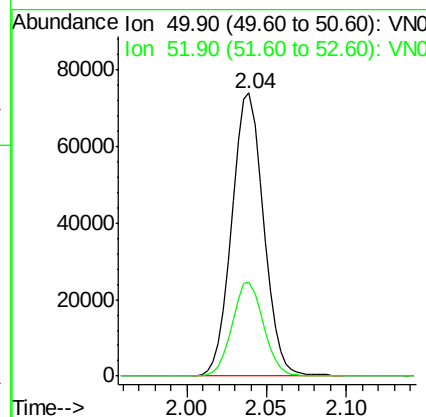
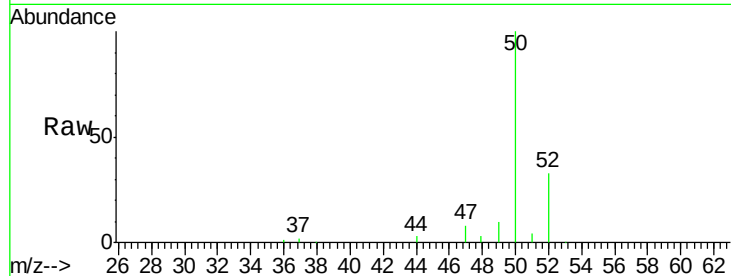
52 33.2 26.6 39.8

Manual Integrations

APPROVED

MMDadoda

12/2/2020 12:43:21 PM



#4

Vinyl Chloride

Concen: 42.370 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064874.D

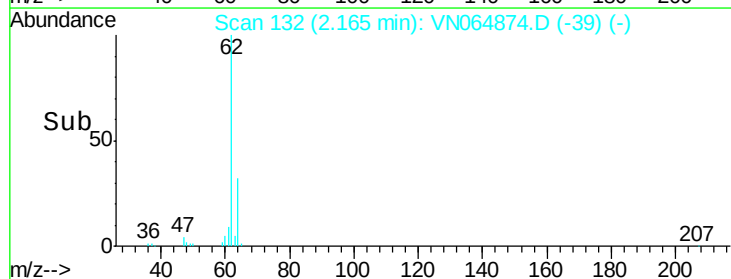
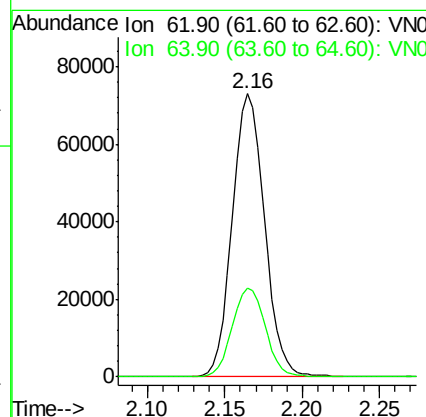
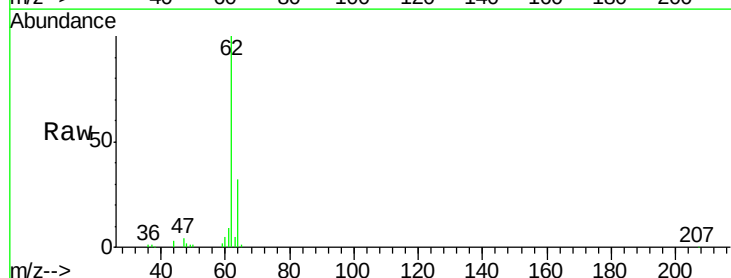
Acq: 1 Dec 2020 10:55

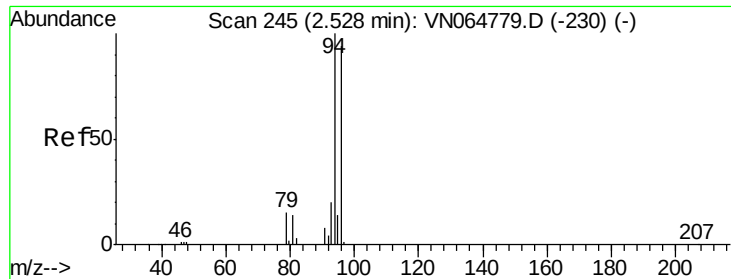
Tgt Ion: 62 Resp: 105634

Ion Ratio Lower Upper

62 100

64 31.6 26.5 39.7





#5

Bromomethane

Concen: 39.955 ug/l

RT: 2.52 min Scan# 242

Delta R.T. -0.01 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 65355

Ion Ratio Lower Upper

94 100

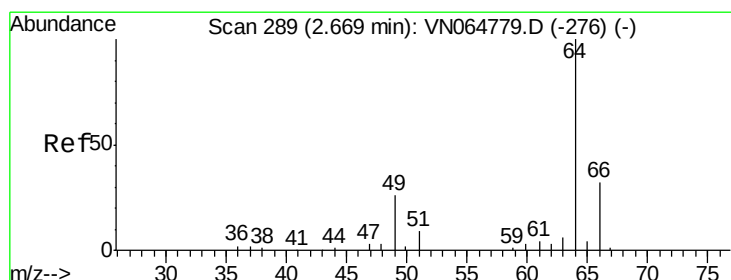
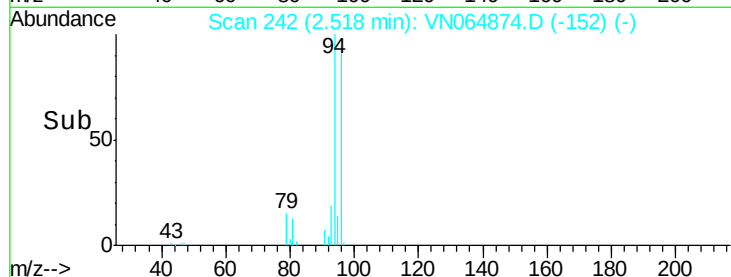
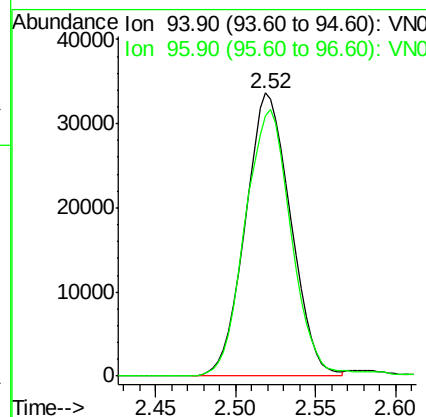
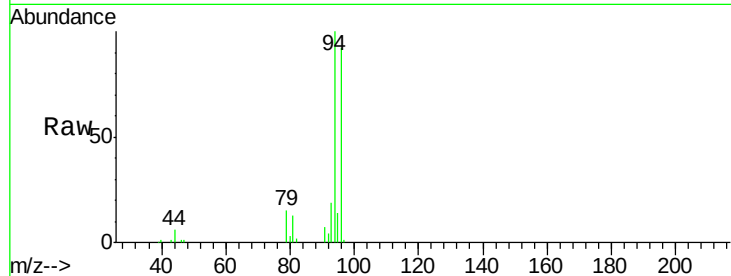
96 92.1 75.4 113.0

Manual Integrations

APPROVED

MMDadoda

12/2/2020 12:43:21 PM



#6

Chloroethane

Concen: 44.017 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.00 min

Lab File: VN064874.D

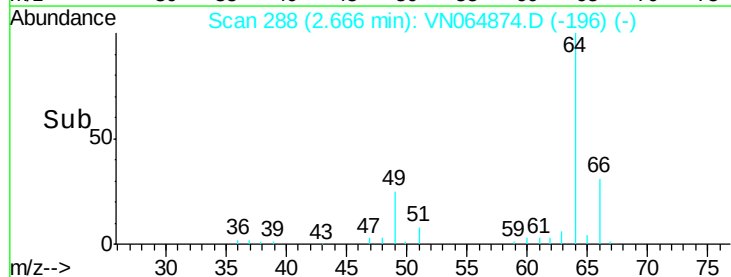
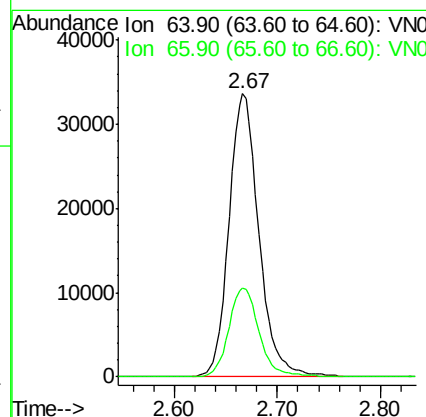
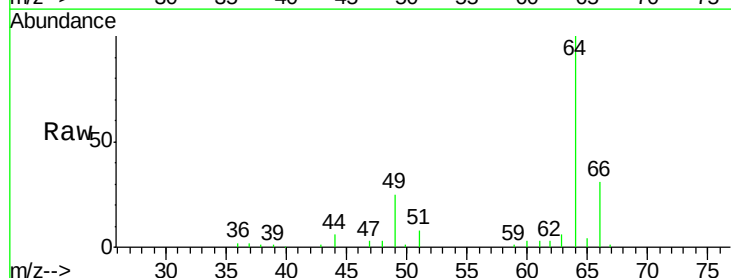
Acq: 1 Dec 2020 10:55

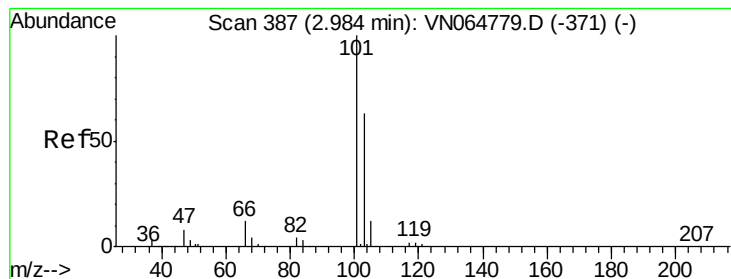
Tgt Ion: 64 Resp: 67874

Ion Ratio Lower Upper

64 100

66 31.3 25.6 38.4





#7

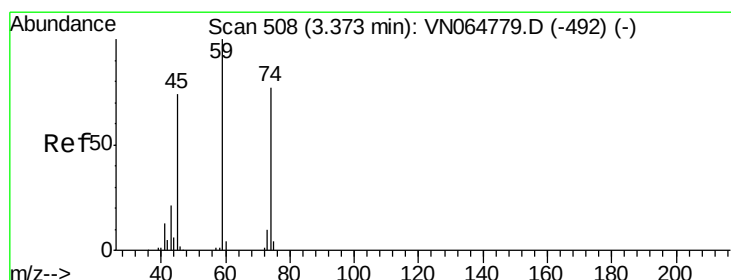
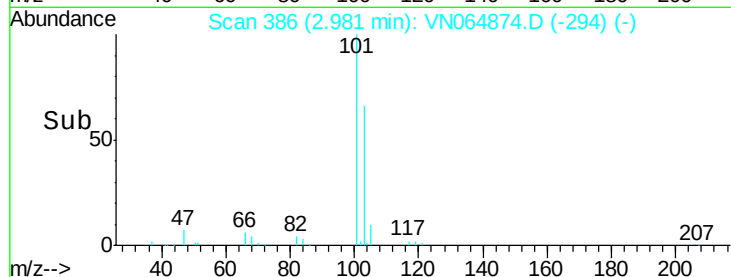
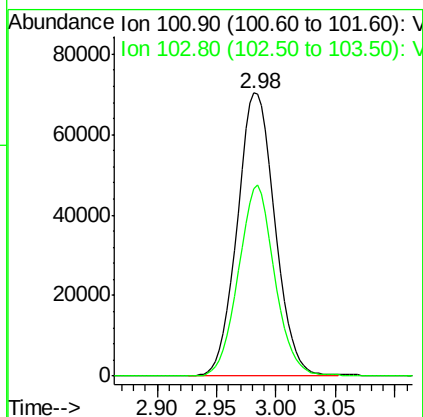
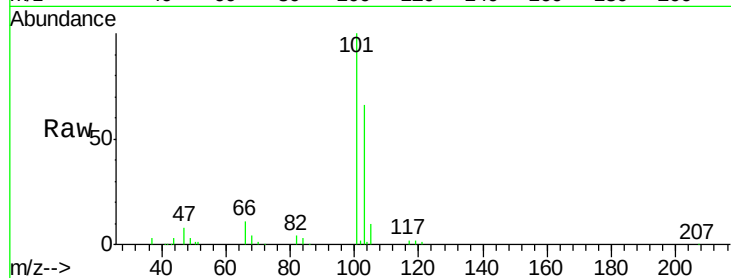
Trichlorofluoromethane
 Concen: 44.870 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	50.5	75.7

Manual Integrations
 APPROVED

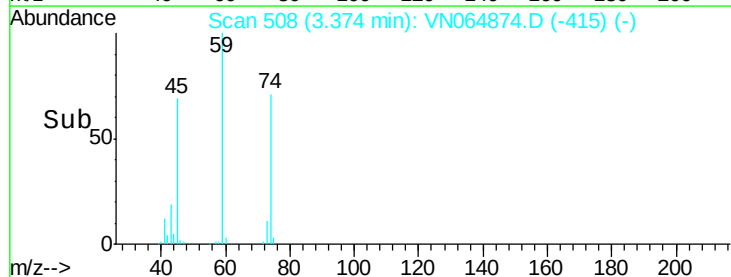
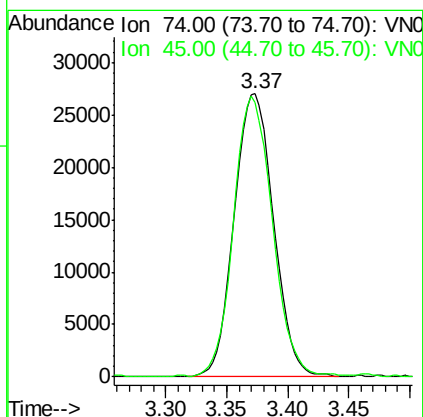
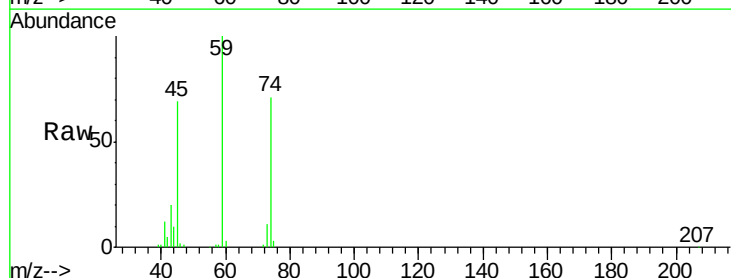
MMDadoda
 12/2/2020 12:43:21 PM

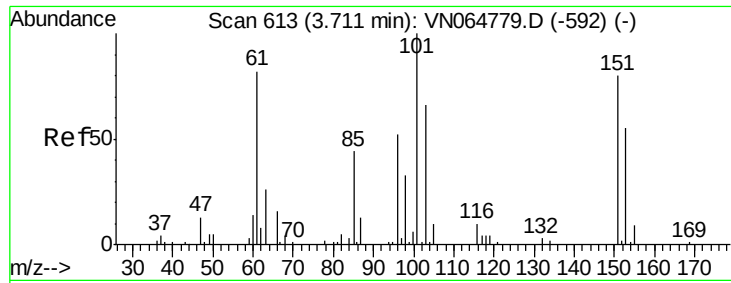


#8

Diethyl Ether
 Concen: 44.473 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.1	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.838 ug/l

RT: 3.71 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

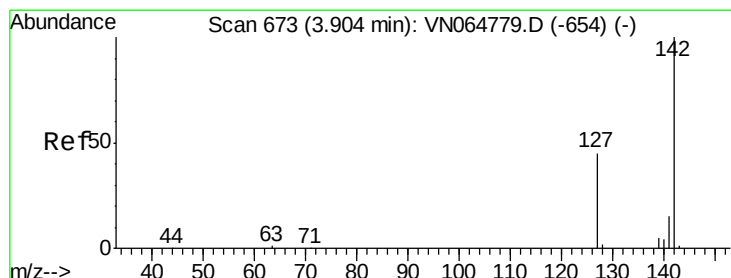
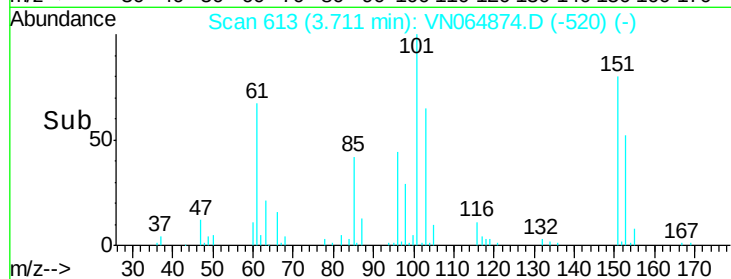
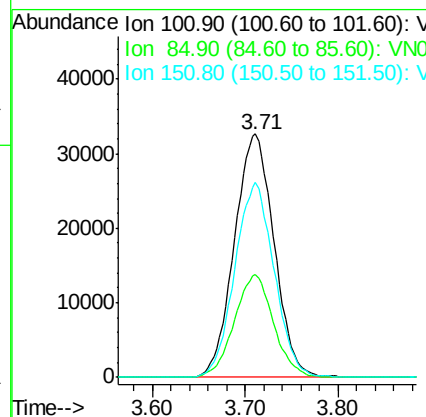
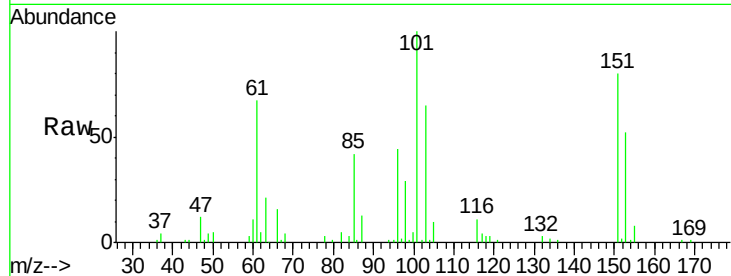
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	96831
Ion Ratio	Lower	Upper	
101	100		
85	41.7	34.4	51.6
151	79.5	64.0	96.0

Manual Integrations
APPROVED

MMDadoda
12/2/2020 12:43:21 PM



#10

Methyl Iodide

Concen: 42.444 ug/l

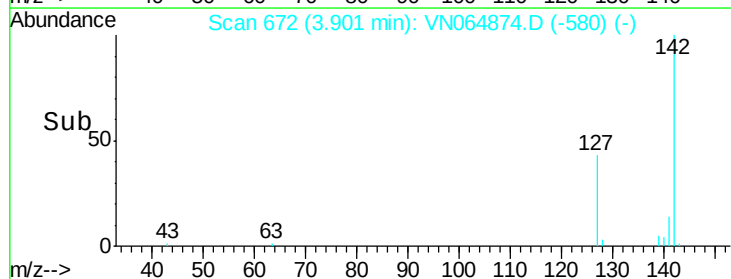
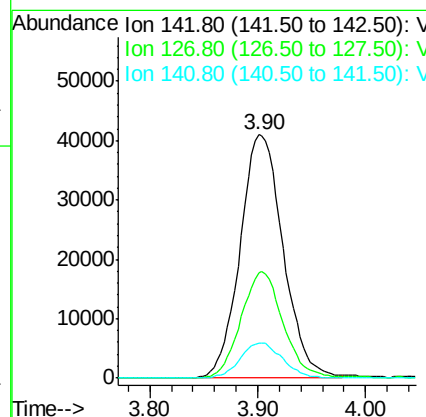
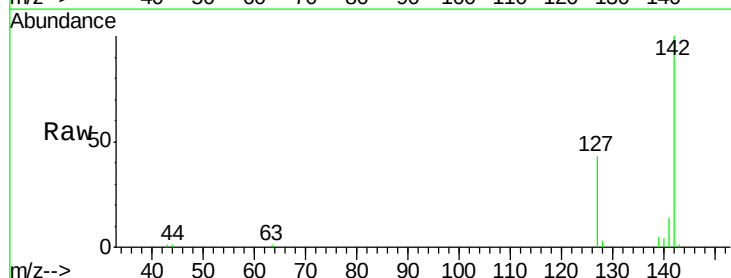
RT: 3.90 min Scan# 672

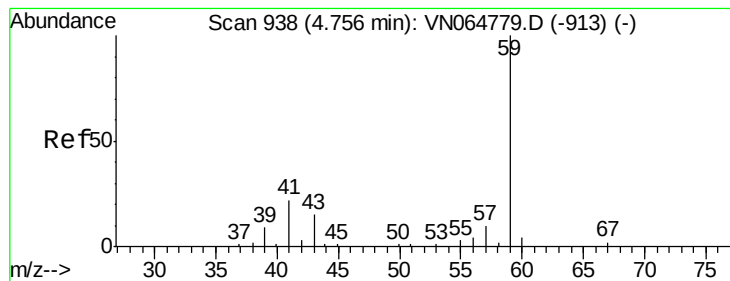
Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Tgt Ion:	142	Resp:	113818
Ion Ratio	Lower	Upper	
142	100		
127	42.6	35.0	52.6
141	14.2	11.8	17.6





#11

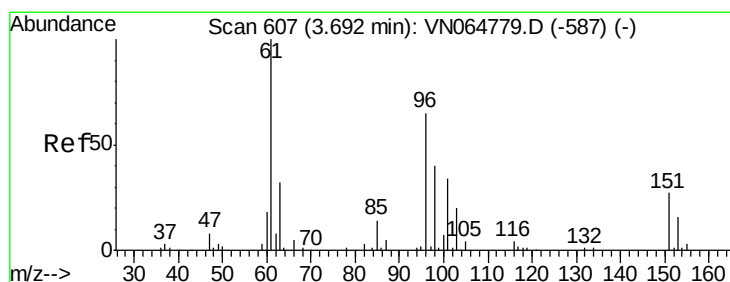
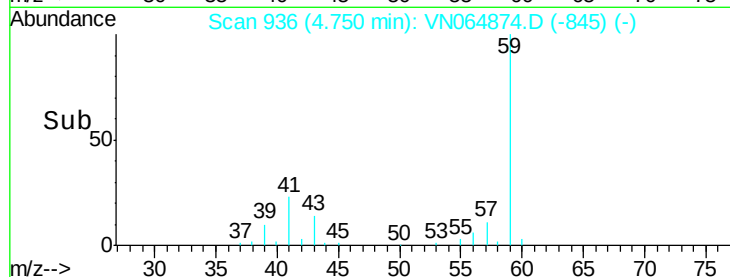
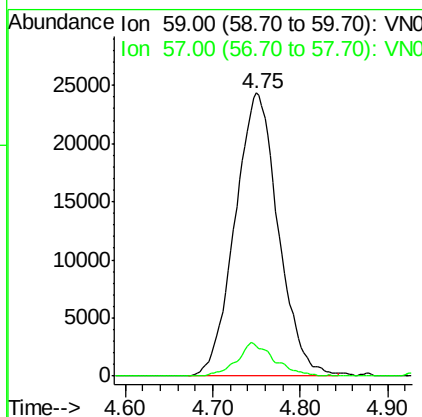
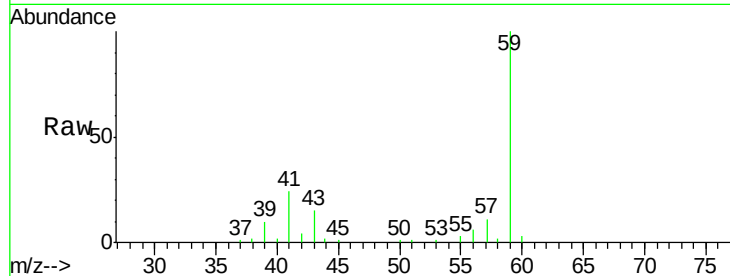
Tert butyl alcohol
 Concen: 217.298 ug/l
 RT: 4.75 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	7.9	11.9

Manual Integrations
 APPROVED

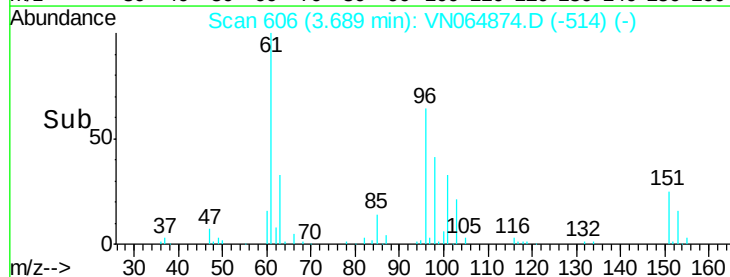
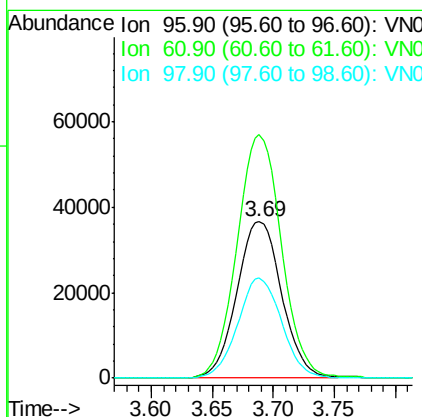
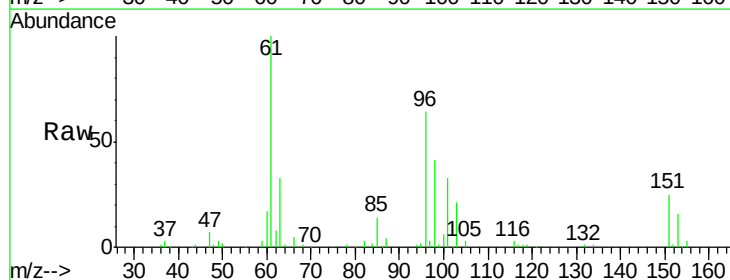
MMDadoda
 12/2/2020 12:43:21 PM

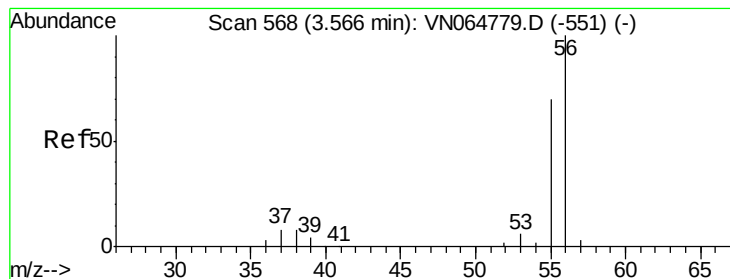


#12

1,1-Dichloroethene
 Concen: 45.281 ug/l
 RT: 3.69 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.6	123.4	185.2
98	63.9	49.8	74.8





#13

Acrolein

Concen: 265.204 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 62360

Ion Ratio Lower Upper

56 100

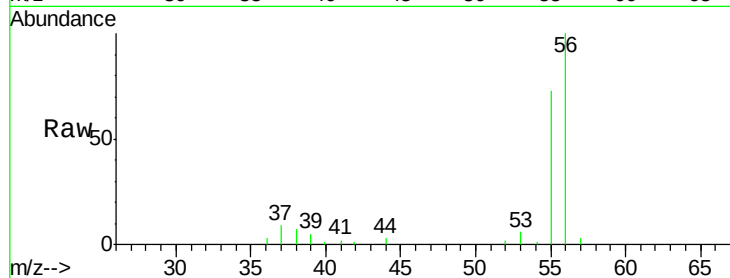
55 71.8 56.5 84.7

Manual Integrations

APPROVED

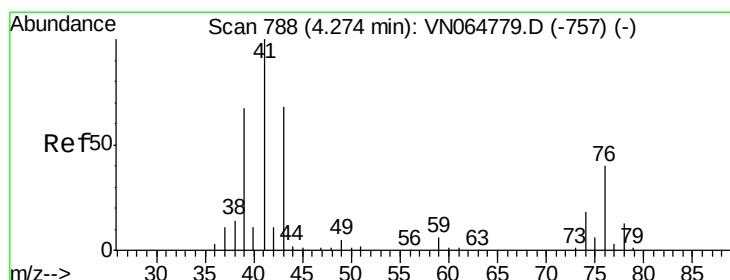
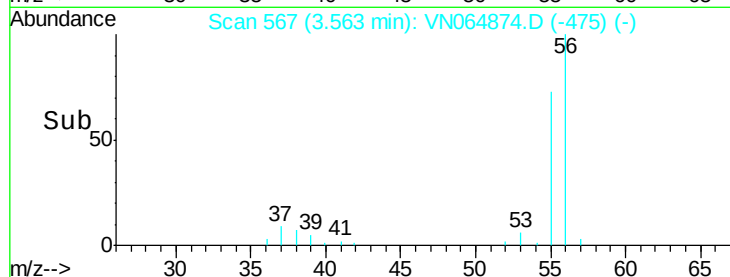
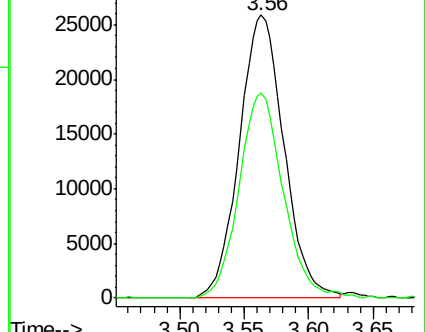
MMDadoda

12/2/2020 12:43:21 PM



Abundance Ion 56.00 (55.70 to 56.70): VN064874.D (-551) (-)

Ion 55.00 (54.70 to 55.70): VN064874.D (-551) (-)



#14

Allyl chloride

Concen: 44.366 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

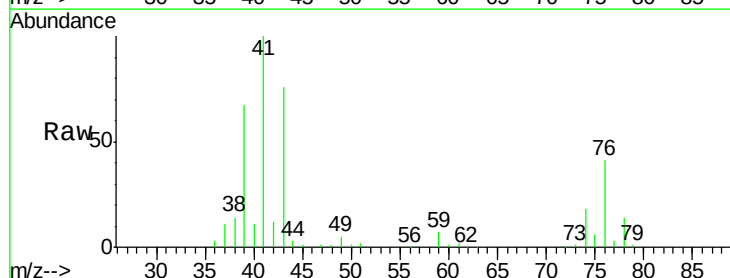
Tgt Ion: 41 Resp: 150662

Ion Ratio Lower Upper

41 100

39 62.4 50.9 76.3

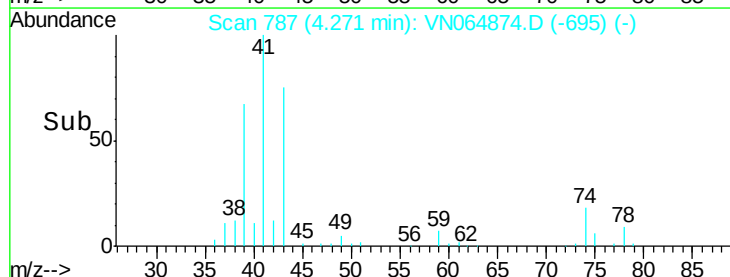
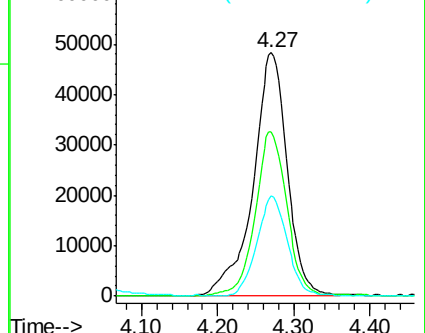
76 35.8 29.0 43.4

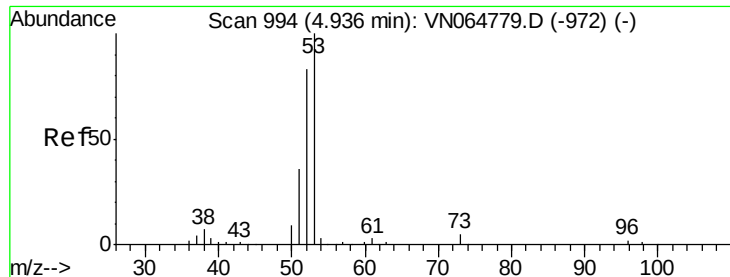


Abundance Ion 41.00 (40.70 to 41.70): VN064874.D (-695) (-)

Ion 39.00 (38.70 to 39.70): VN064874.D (-695) (-)

Ion 75.90 (75.60 to 76.60): VN064874.D (-695) (-)





#15

Acrylonitrile

Concen: 238.450 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

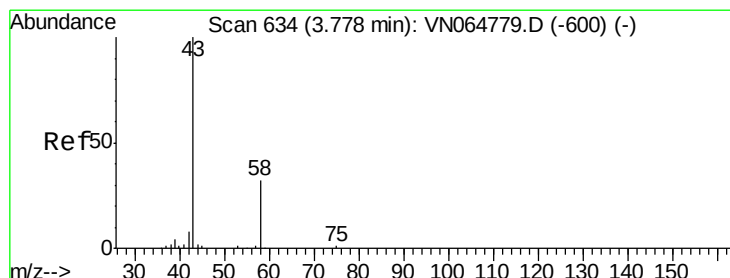
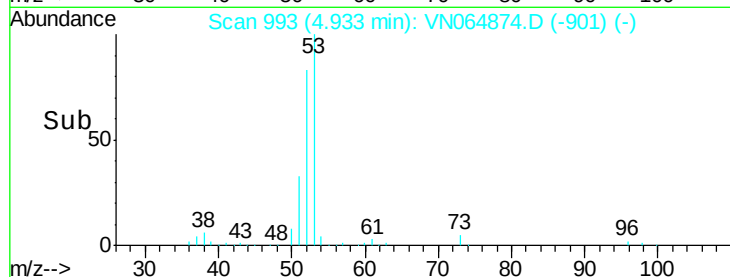
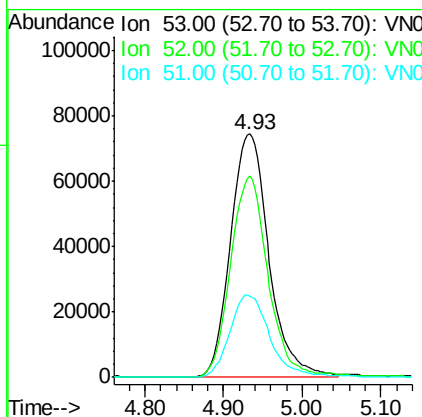
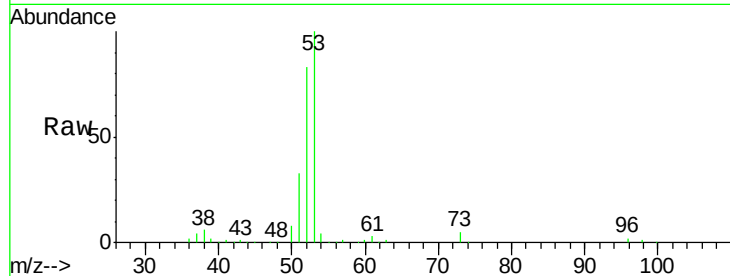
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	253582
Ion	Ratio	Lower	Upper
53	100		
52	79.8	65.5	98.3
51	34.7	28.6	43.0

Manual Integrations
APPROVED

MMDadoda
12/2/2020 12:43:21 PM



#16

Acetone

Concen: 219.995 ug/l

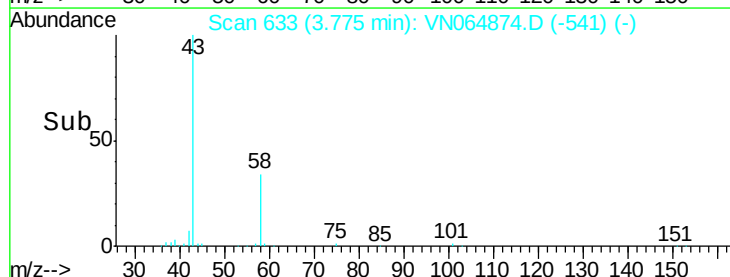
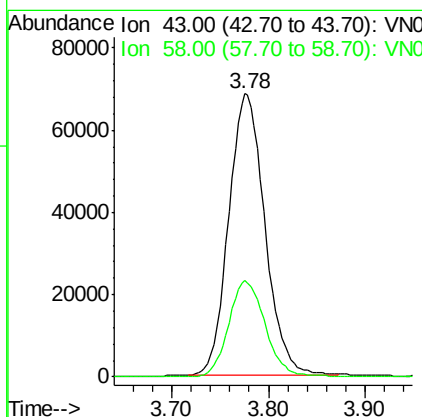
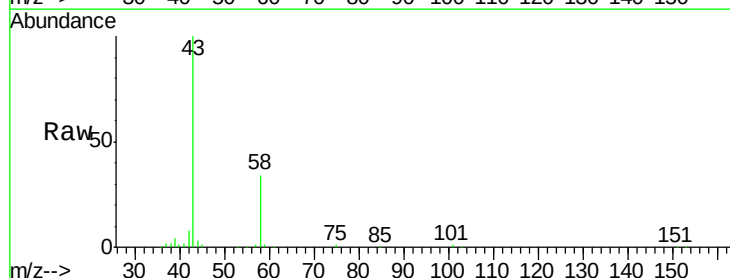
RT: 3.78 min Scan# 633

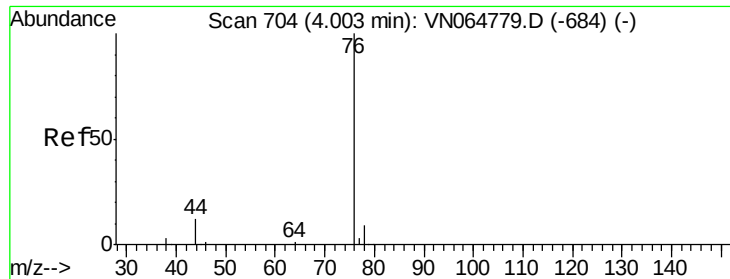
Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Tgt Ion:	43	Resp:	178514
Ion	Ratio	Lower	Upper
43	100		
58	34.2	25.7	38.5





#17

Carbon Disulfide

Concen: 44.261 ug/l

RT: 4.00 min Scan# 704

Delta R.T. 0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 235296

Ion Ratio Lower Upper

76 100

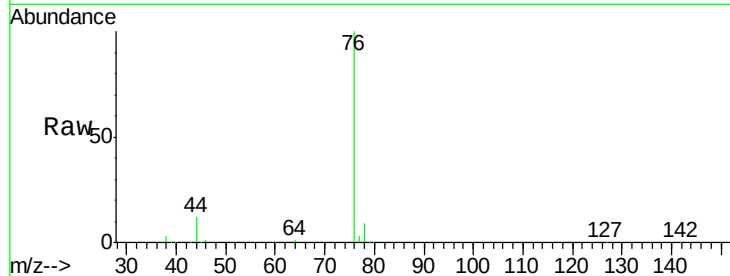
78 8.6 7.4 11.0

Manual Integrations

APPROVED

MMDadoda

12/2/2020 12:43:21 PM



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.00

80000

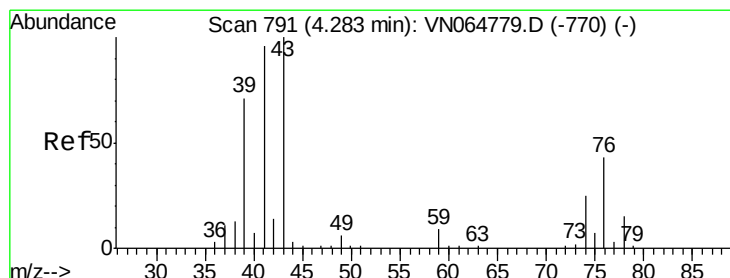
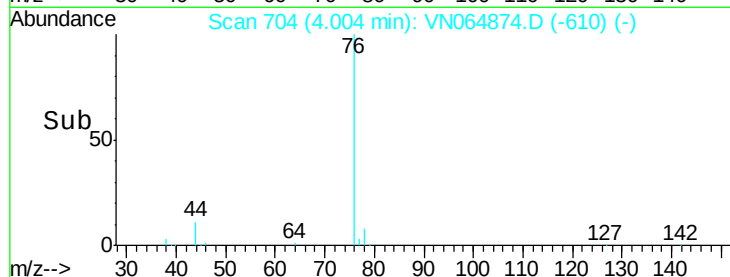
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 48.075 ug/l

RT: 4.28 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN064874.D

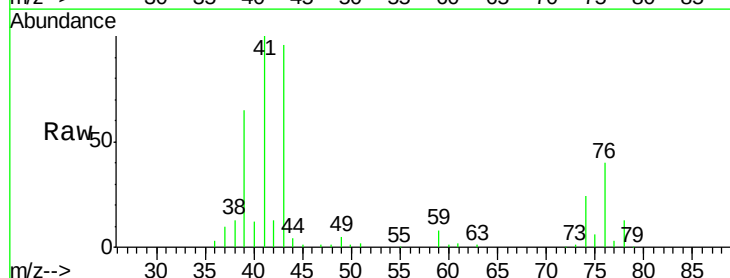
Acq: 1 Dec 2020 10:55

Tgt Ion: 43 Resp: 117288

Ion Ratio Lower Upper

43 100

74 24.4 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.28

40000

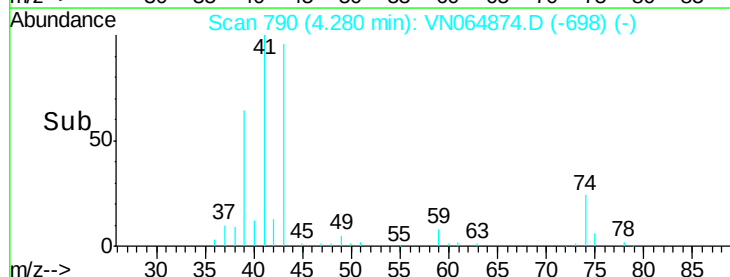
30000

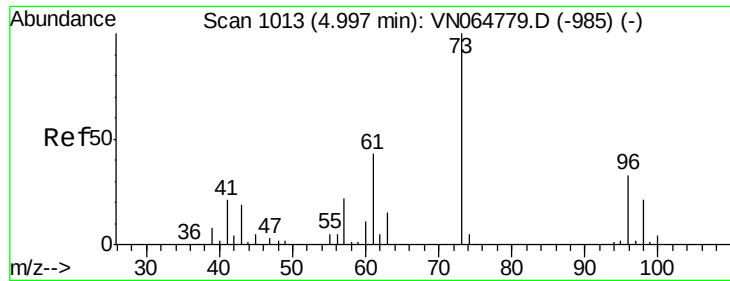
20000

10000

0

Time-->





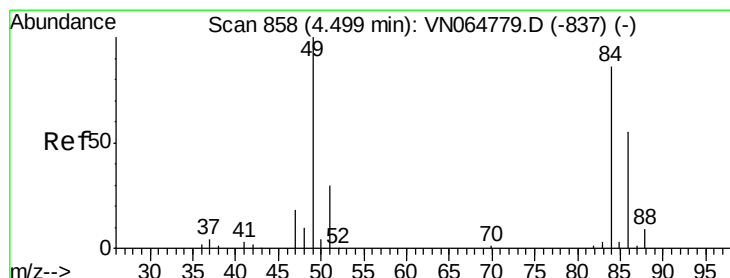
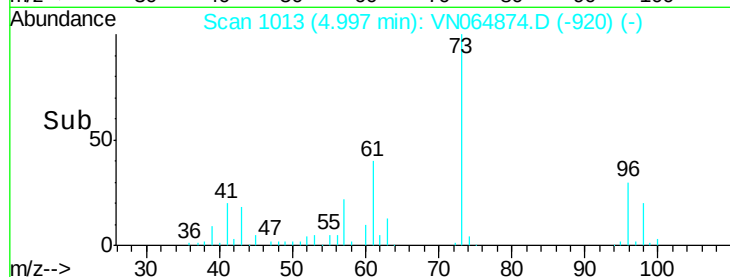
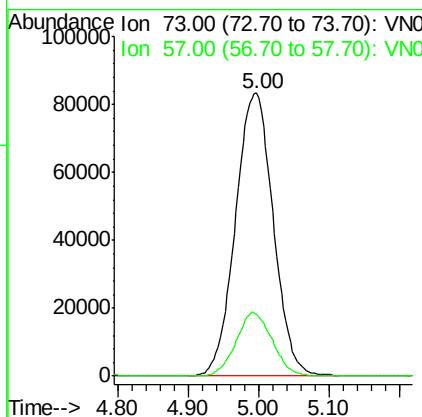
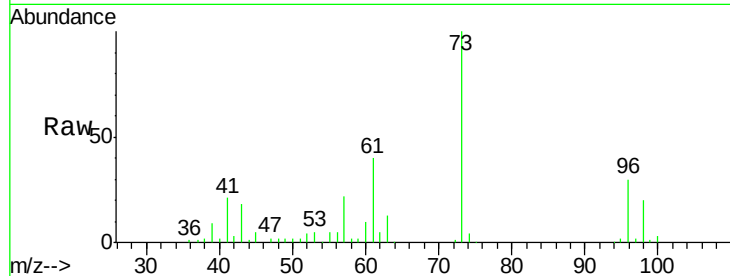
#19
Methyl tert-butyl Ether
Concen: 47.215 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 311784
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.0

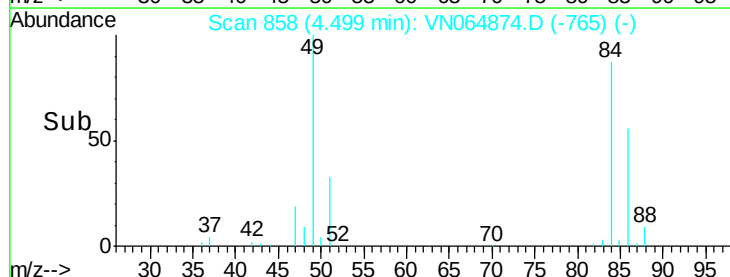
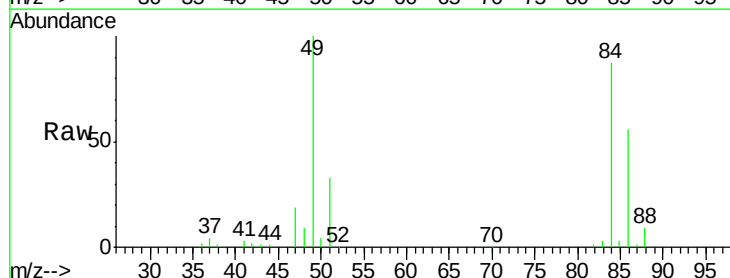
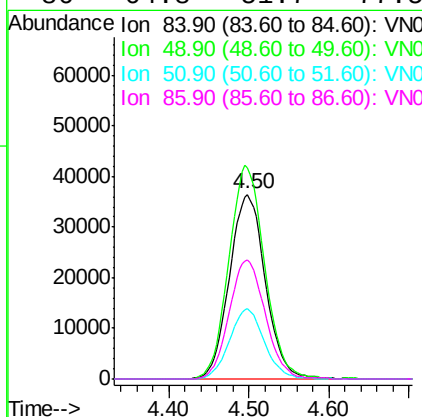
Manual Integrations
APPROVED

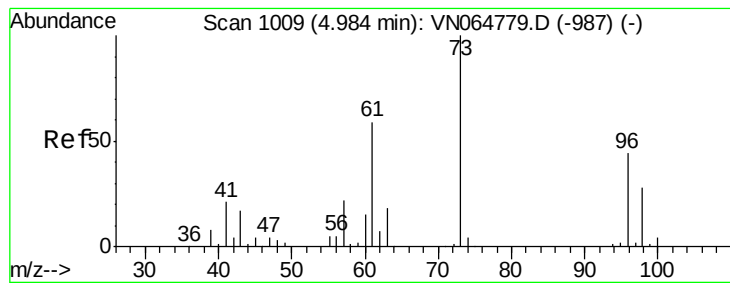
MMDadoda
12/2/2020 12:43:21 PM



#20
Methylene Chloride
Concen: 43.687 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Tgt Ion: 84 Resp: 111083
Ion Ratio Lower Upper
84 100
49 114.8 93.4 140.0
51 38.1 28.2 42.4
86 64.8 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 45.042 ug/l

RT: 4.98 min Scan# 1008

Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 96 Resp: 102985

Ion Ratio Lower Upper

96 100

61 130.2 108.4 162.6

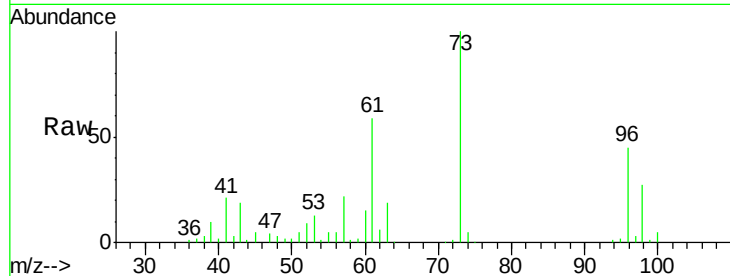
98 60.2 51.3 76.9

Manual Integrations

APPROVED

MMDadoda

12/2/2020 12:43:21 PM

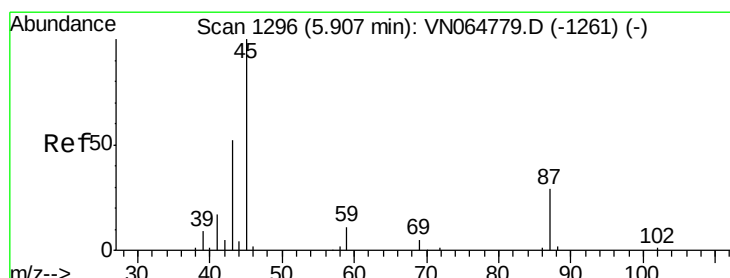
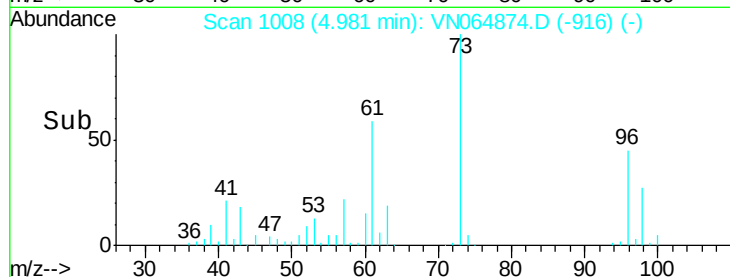
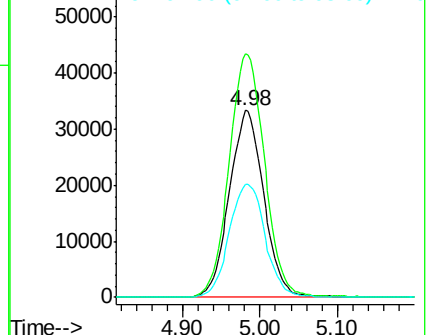


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 48.261 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Tgt Ion: 45 Resp: 328036

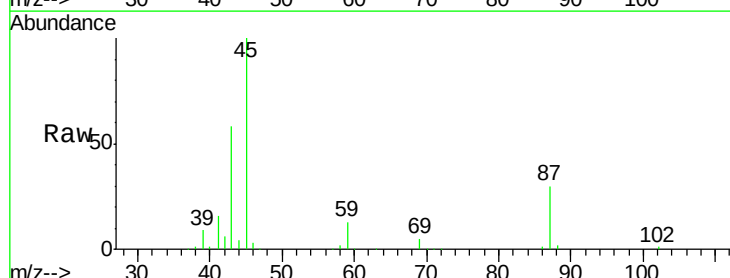
Ion Ratio Lower Upper

45 100

43 56.6 46.2 69.2

87 29.8 24.1 36.1

59 12.3 9.0 13.4



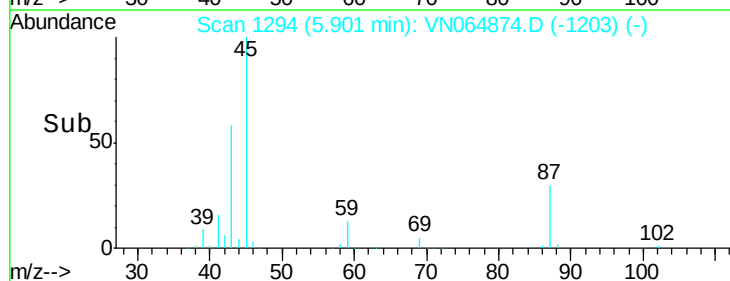
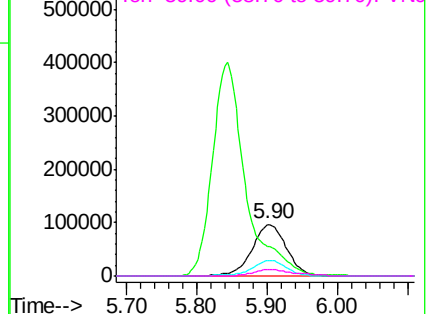
Abundance

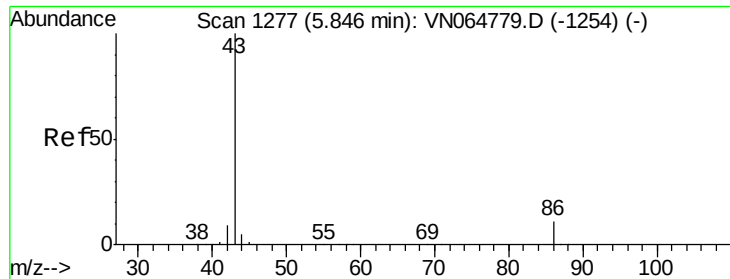
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





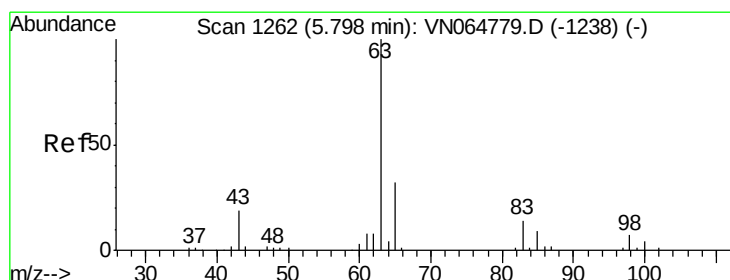
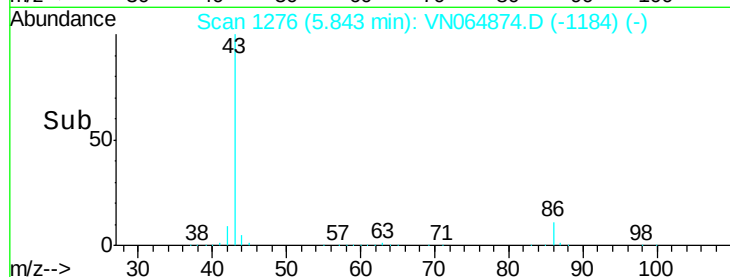
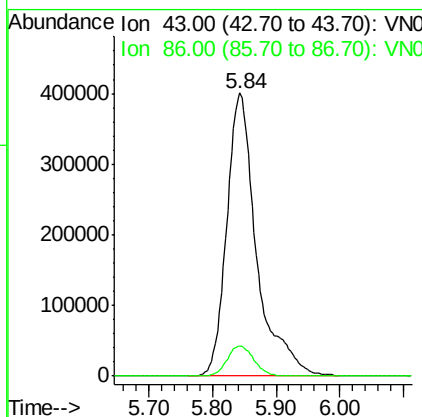
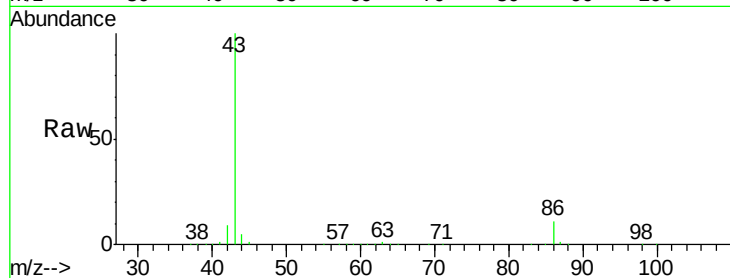
#23
 Vinyl Acetate
 Concen: 240.935 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1309605
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.9 13.3

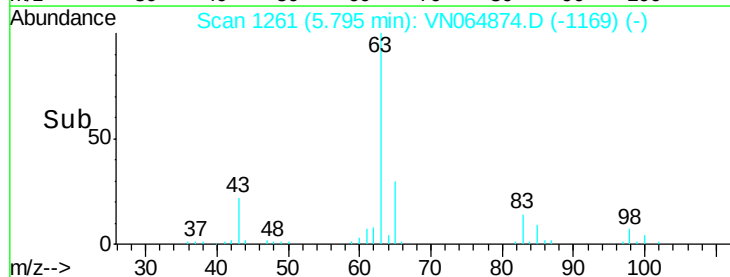
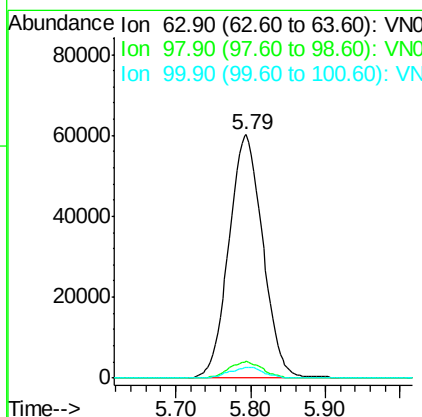
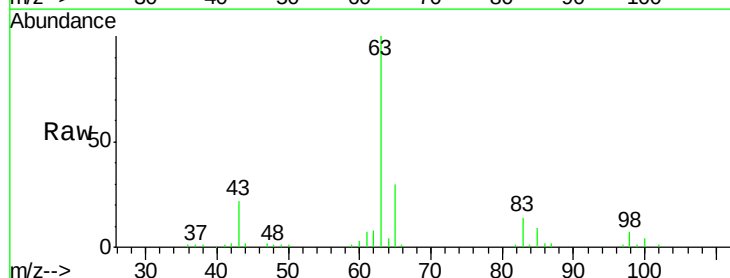
Manual Integrations
 APPROVED

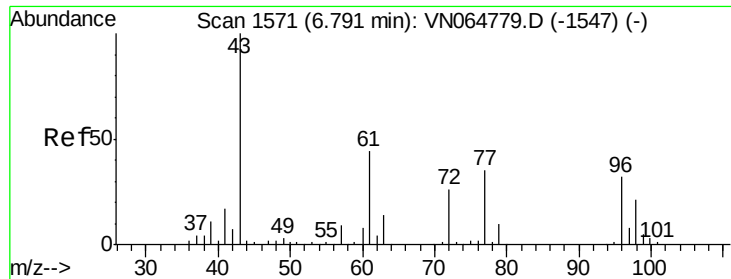
MMDadoda
 12/2/2020 12:43:21 PM



#24
 1,1-Dichloroethane
 Concen: 46.696 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Tgt Ion: 63 Resp: 189689
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.5
 100 4.4 2.3 6.8





#25

2-Butanone

Concen: 233.406 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 307021

Ion Ratio Lower Upper

43 100

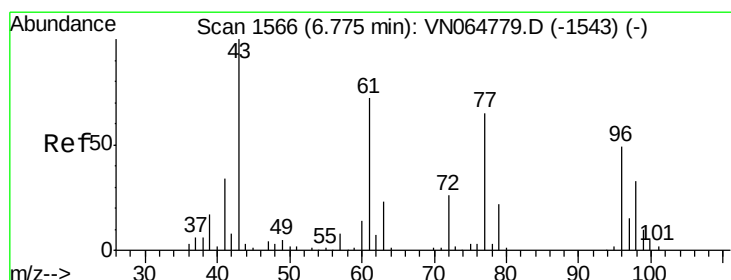
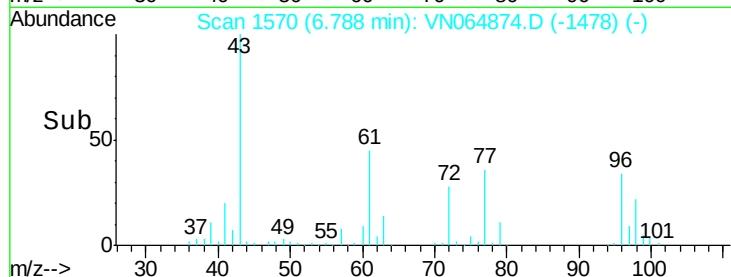
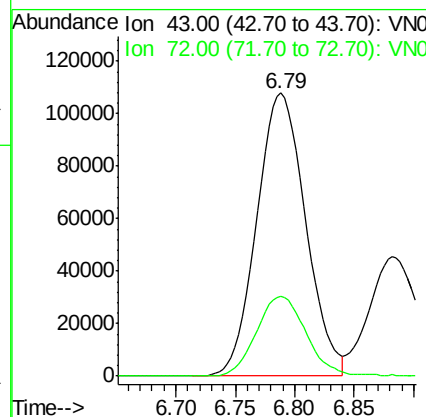
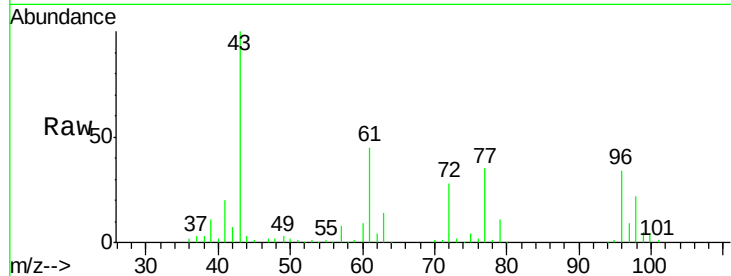
72 28.1 21.0 31.6

Manual Integrations

APPROVED

MMDadoda

12/2/2020 12:43:21 PM



#26

2,2-Dichloropropane

Concen: 44.658 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064874.D

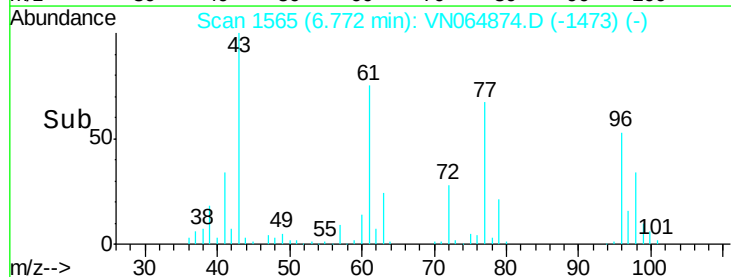
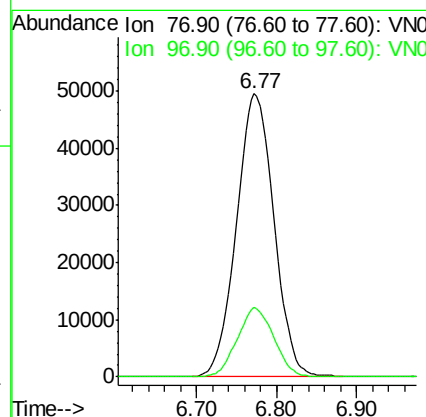
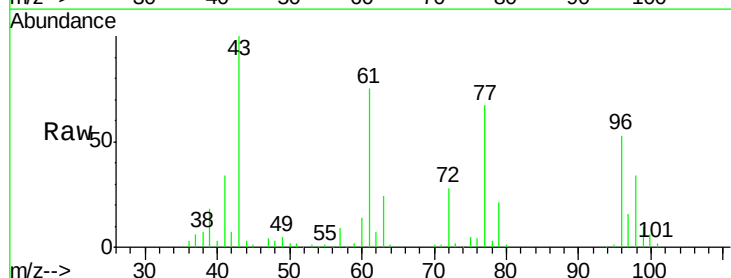
Acq: 1 Dec 2020 10:55

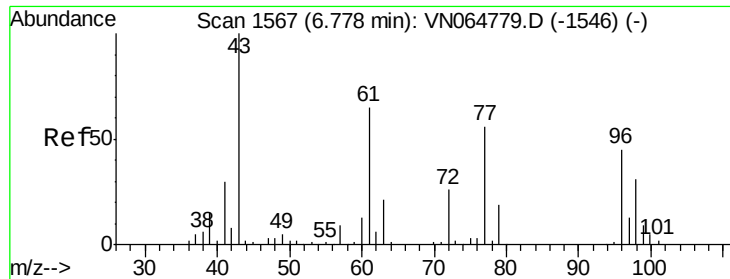
Tgt Ion: 77 Resp: 157337

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 47.093 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

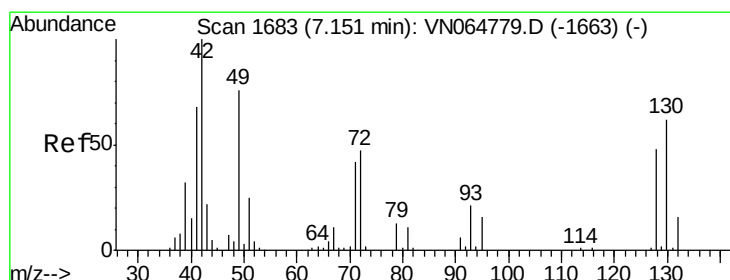
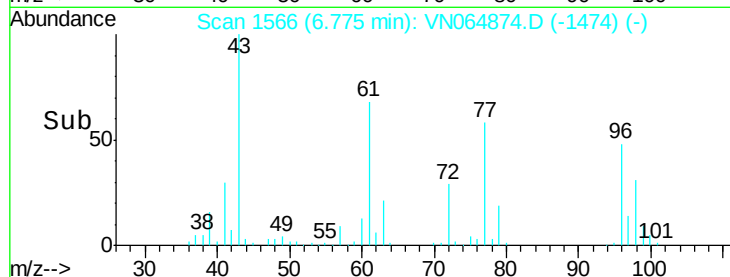
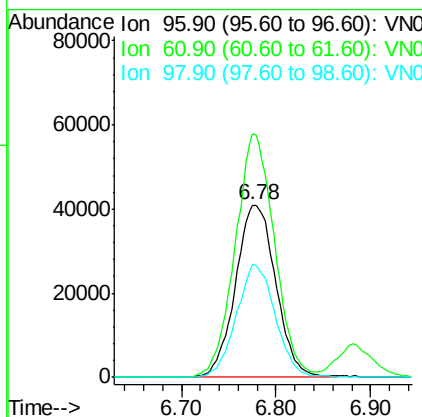
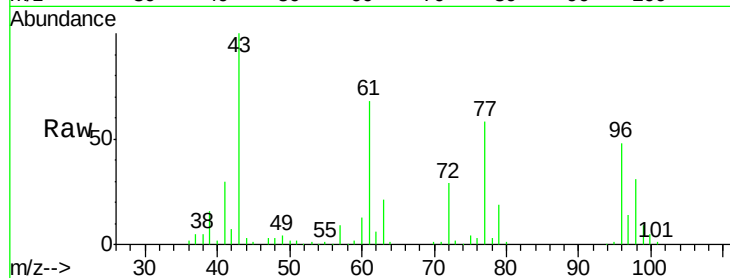
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	121162
Ion Ratio	Lower	Upper	
96	100		
61	137.7	0.0	285.8
98	63.5	0.0	130.6

Manual Integrations
APPROVED

MMDadoda
12/2/2020 12:43:21 PM



#28

Bromochloromethane

Concen: 46.067 ug/l

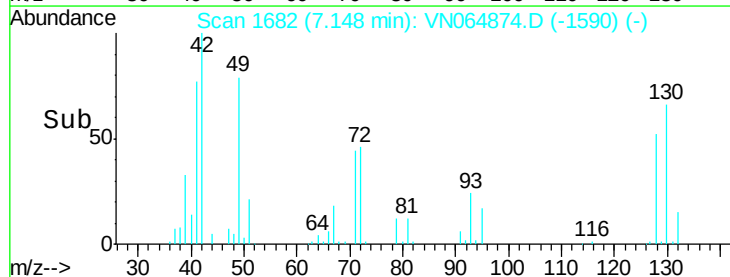
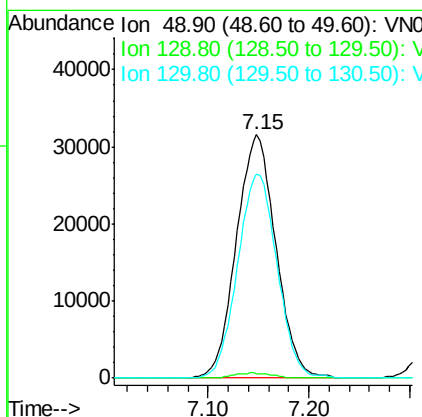
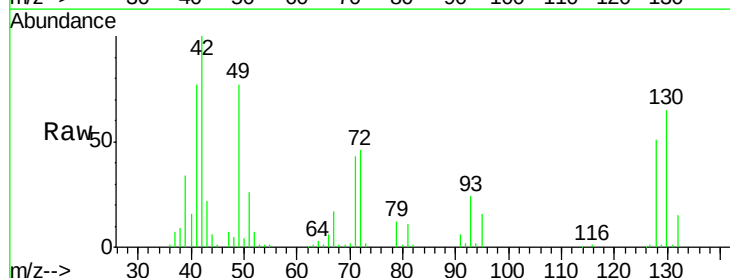
RT: 7.15 min Scan# 1682

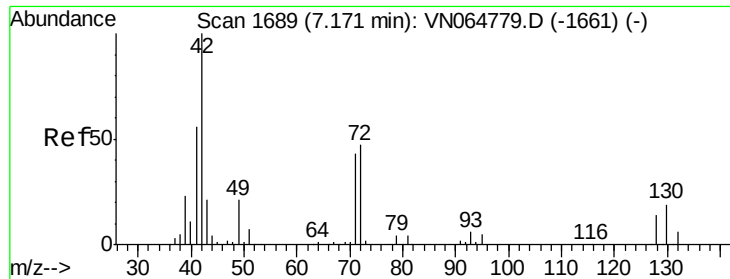
Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Tgt Ion:	49	Resp:	85608
Ion Ratio	Lower	Upper	
49	100		
129	1.9	0.0	3.8
130	84.0	66.2	99.2





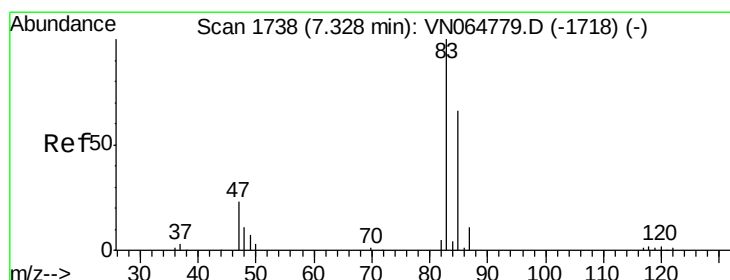
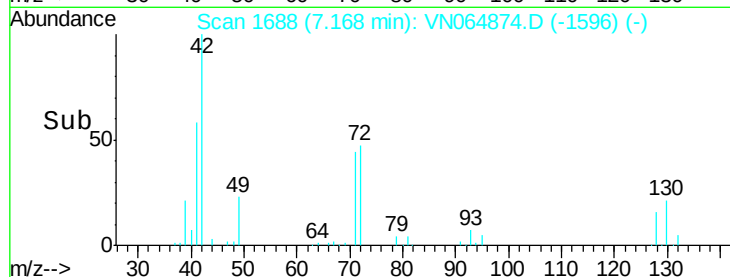
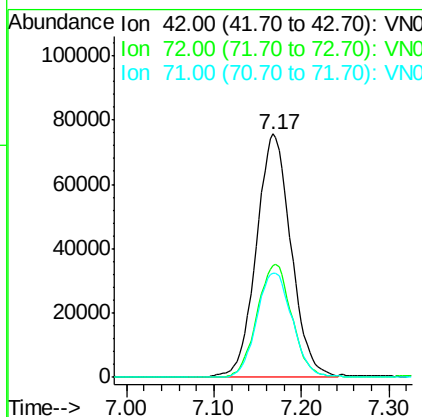
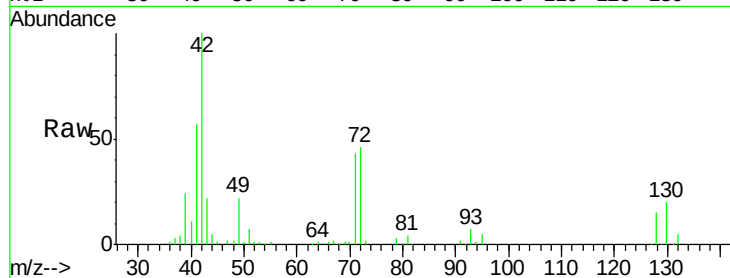
#29
Tetrahydrofuran
Concen: 229.551 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.7	36.6	54.8
71	43.9	33.6	50.4

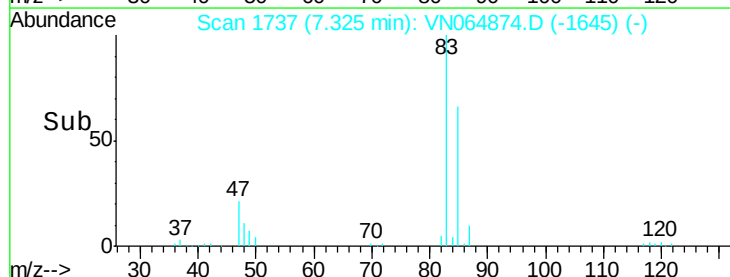
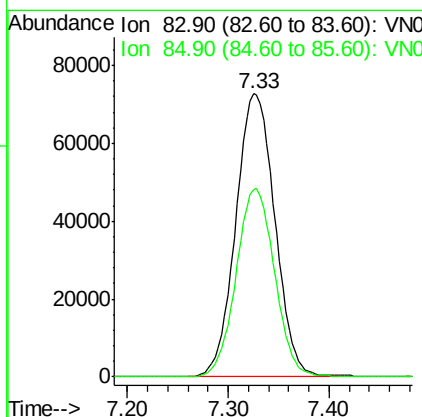
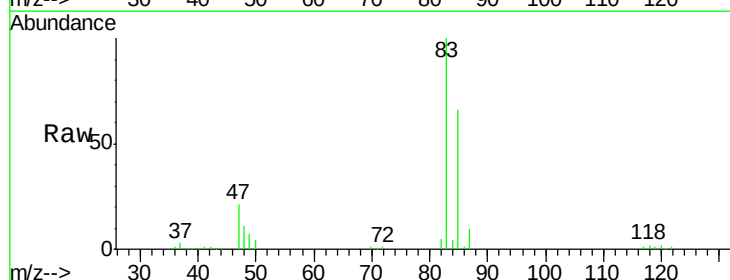
Manual Integrations
APPROVED

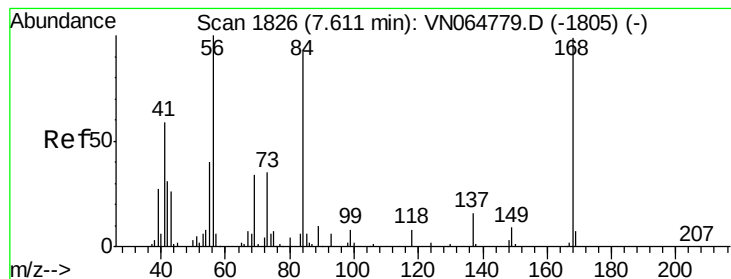
MMDadoda
12/2/2020 12:43:21 PM



#30
Chloroform
Concen: 46.692 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	52.6	78.8





#31

Cyclohexane

Concen: 43.556 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

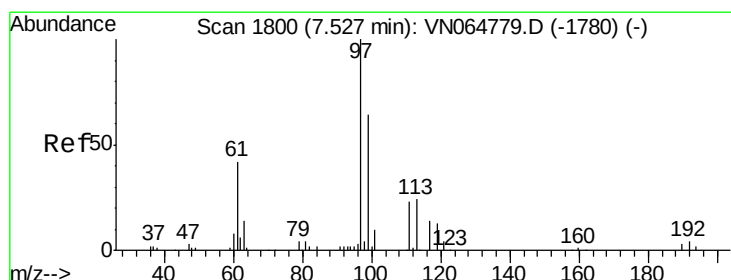
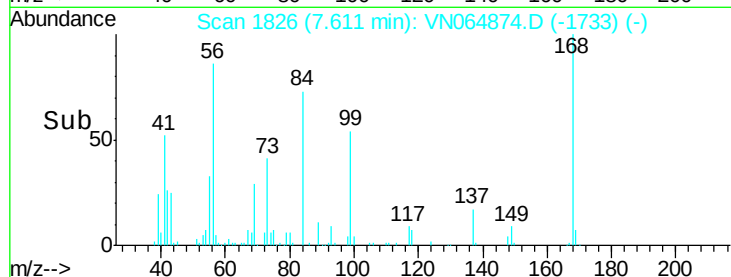
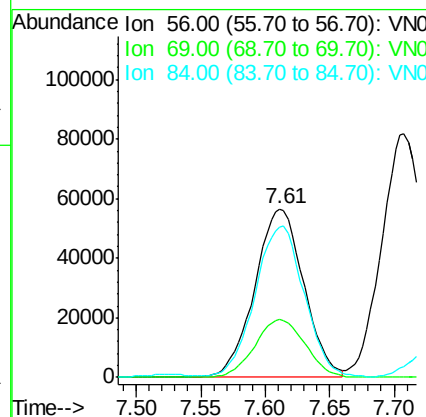
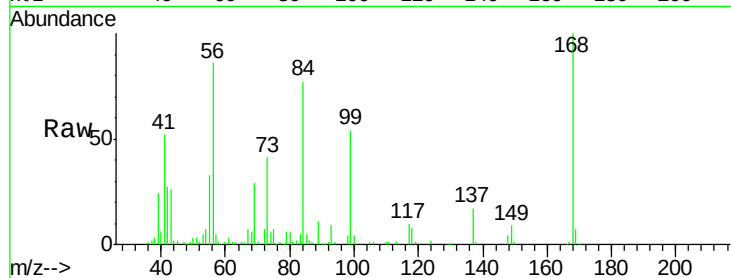
ClientSampled :

VSTDCCC050

Tot Ion:	56	Resp:	149851
Ion Ratio	Lower	Upper	
56	100		
69	34.1	27.5	41.3
84	88.4	73.9	110.9

Manual Integrations
APPROVED

MMDadoda
12/2/2020 12:43:21 PM



#32

1,1,1-Trichloroethane

Concen: 46.054 ug/l

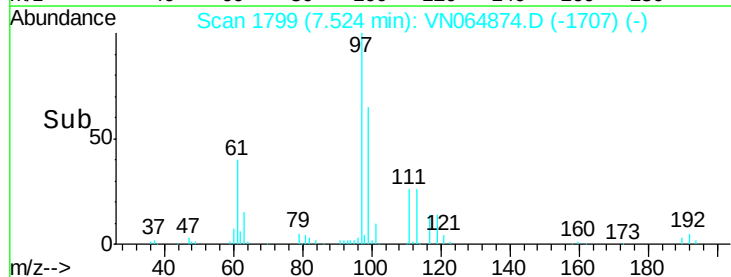
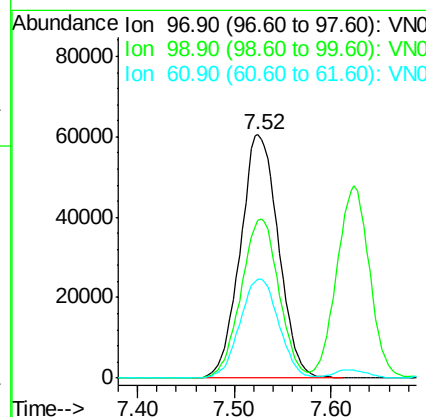
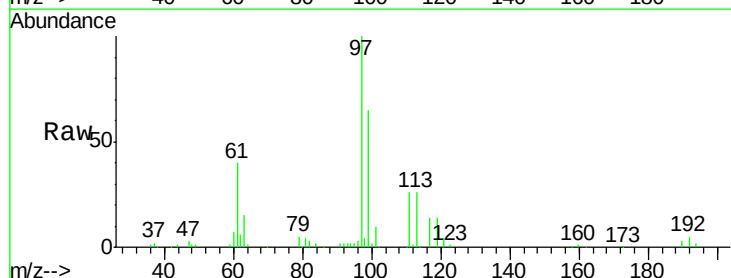
RT: 7.52 min Scan# 1799

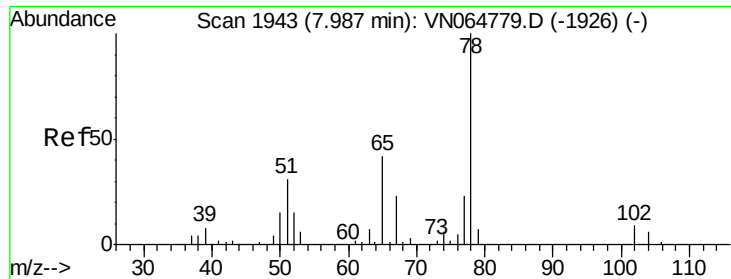
Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Tgt Ion:	97	Resp:	165698
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.7	77.5
61	41.4	33.9	50.9





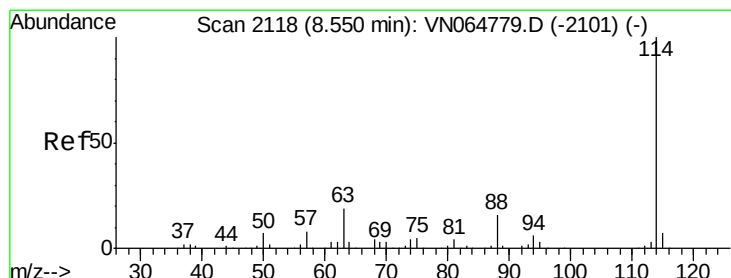
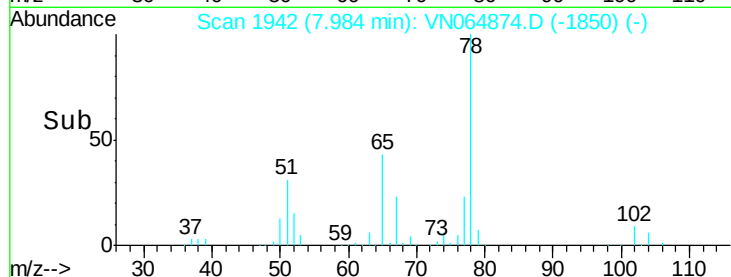
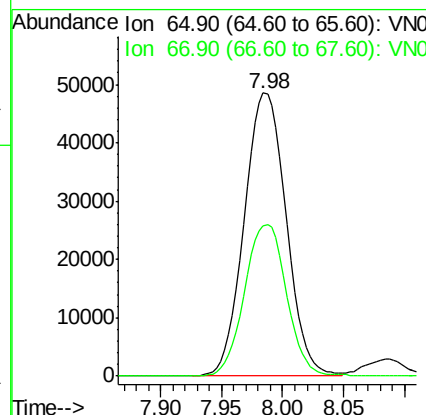
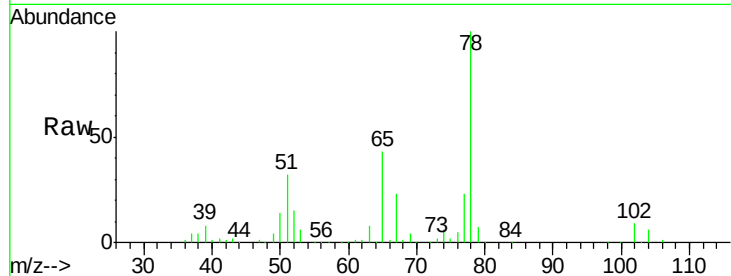
#33
 1,2-Dichloroethane-d4
 Concen: 46.824 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion: 65 Resp: 115583
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 108.2

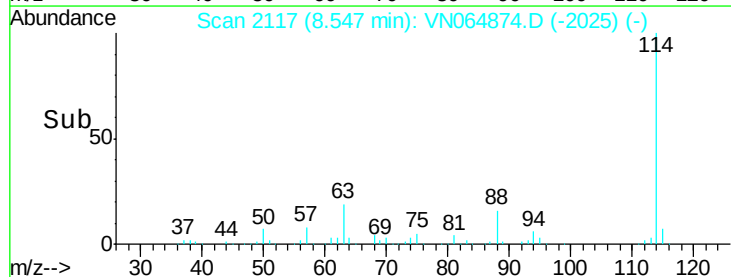
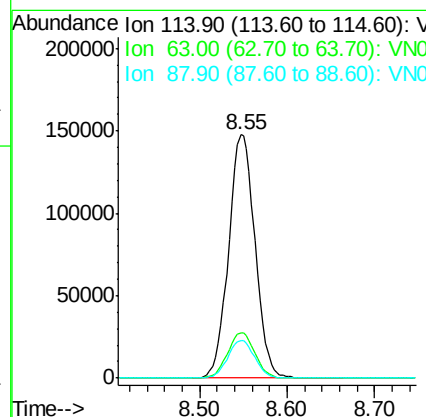
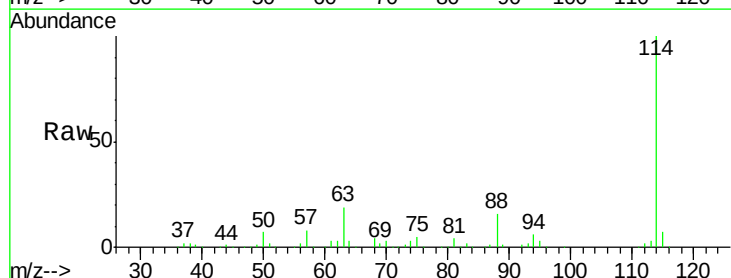
Manual Integrations
 APPROVED

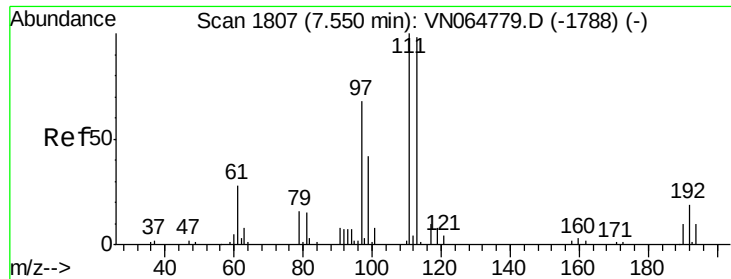
MMDadoda
 12/2/2020 12:43:21 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Tgt Ion: 114 Resp: 309672
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.6
 88 15.5 0.0 32.6





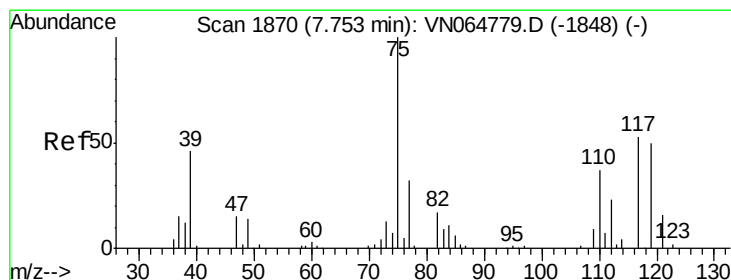
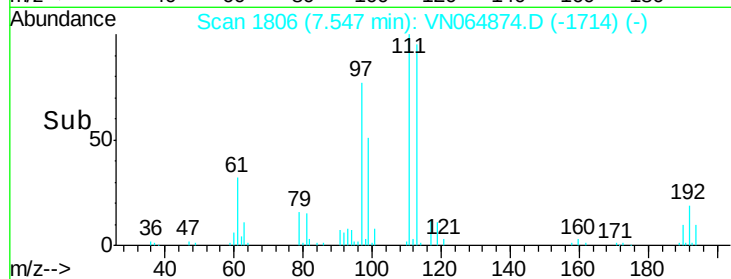
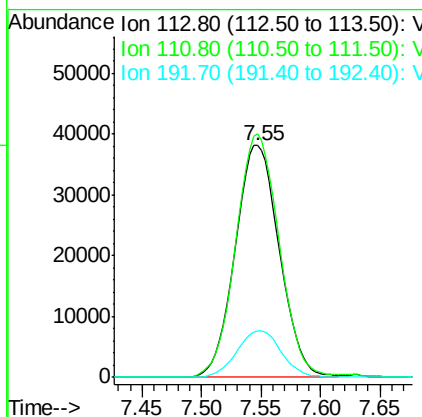
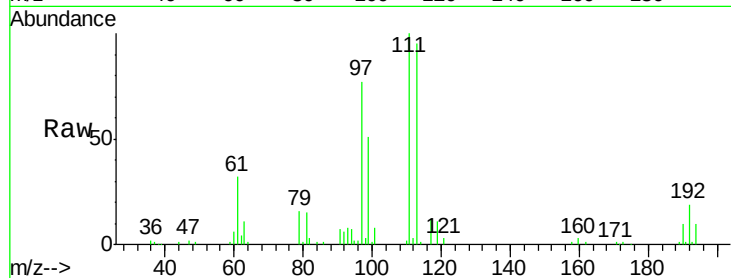
#35
Dibromofluoromethane
Concen: 52.981 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	98173		
111	103.1	81.6	122.4	
192	20.1	16.2	24.2	

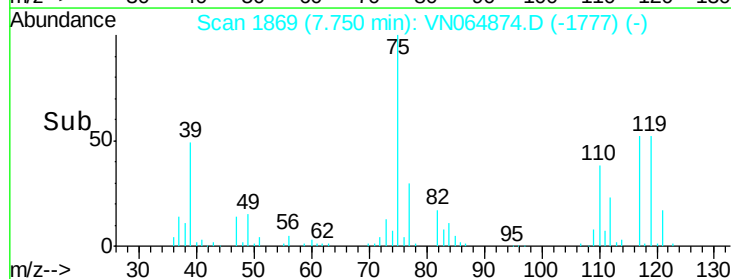
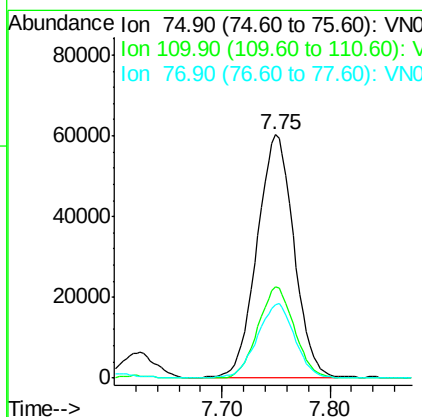
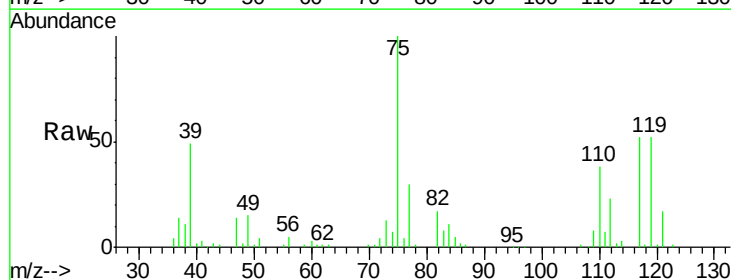
Manual Integrations
APPROVED

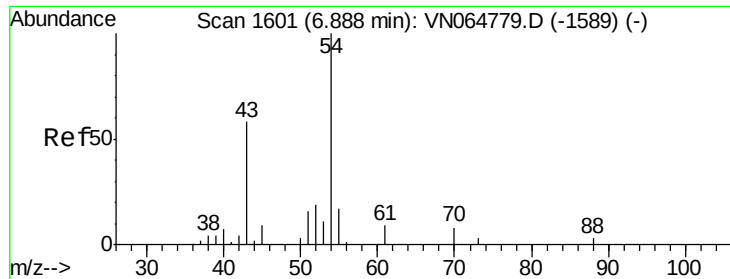
MMDadoda
12/2/2020 12:43:21 PM



#36
1,1-Dichloropropene
Concen: 49.912 ug/l
RT: 7.75 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	143266		
110	36.8	17.8	53.3	
77	31.1	25.0	37.4	





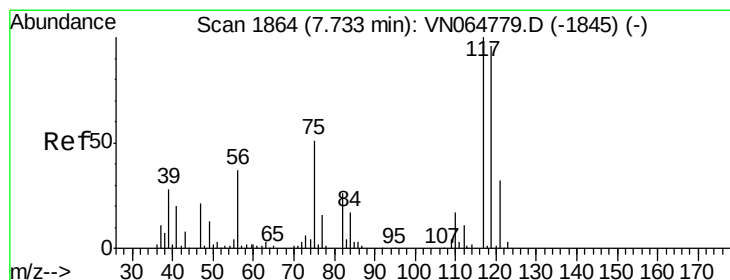
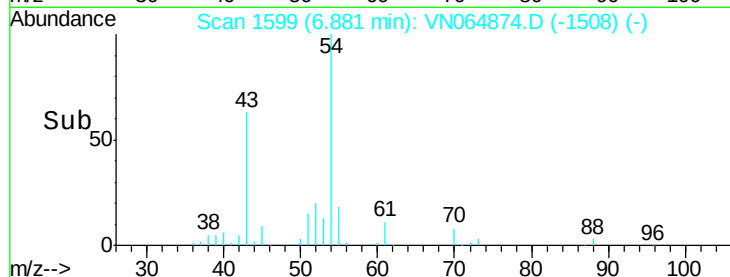
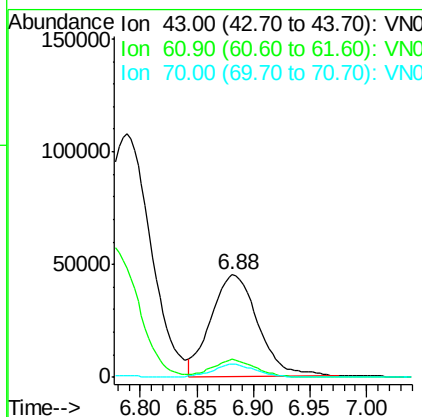
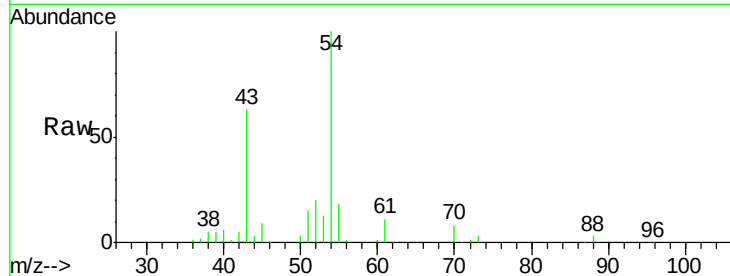
#37
Ethyl Acetate
Concen: 46.663 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.8	19.2
70	12.1	8.8	13.2

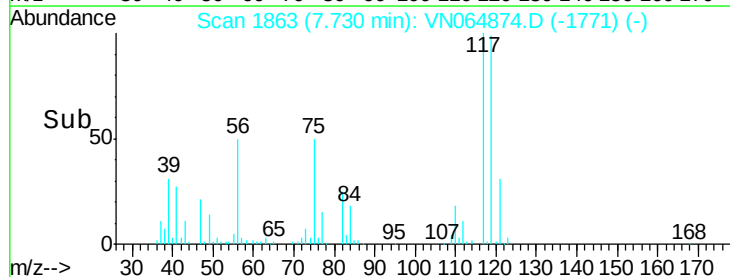
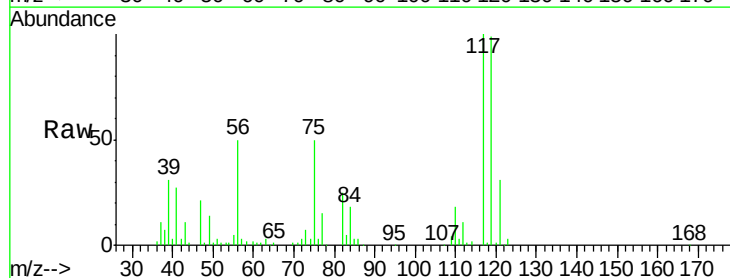
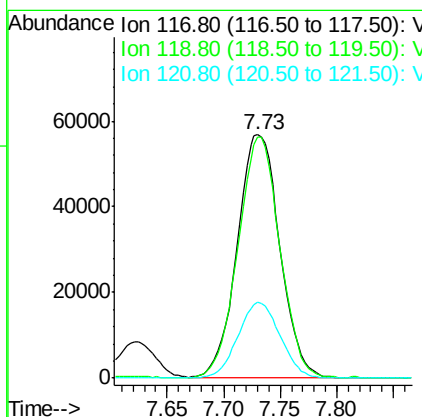
Manual Integrations
APPROVED

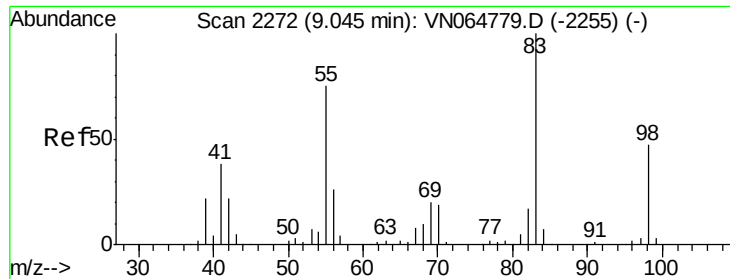
MMDadoda
12/2/2020 12:43:21 PM



#38
Carbon Tetrachloride
Concen: 49.920 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.7	76.7	115.1
121	31.0	25.4	38.2





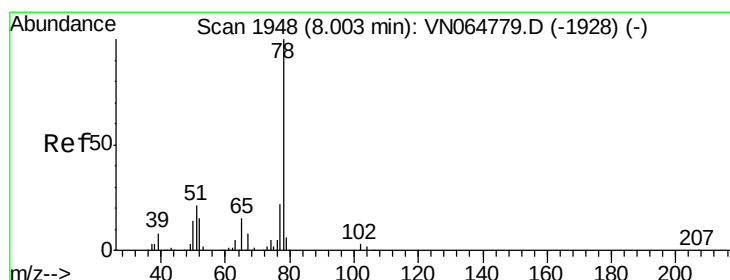
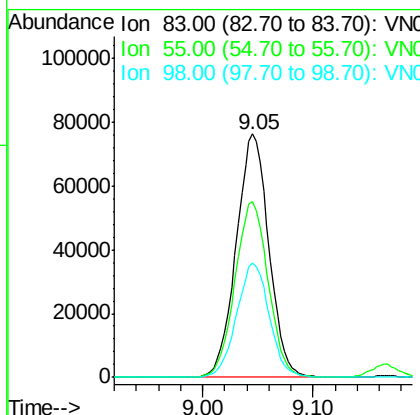
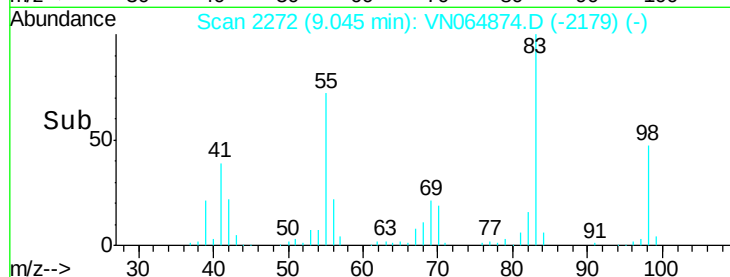
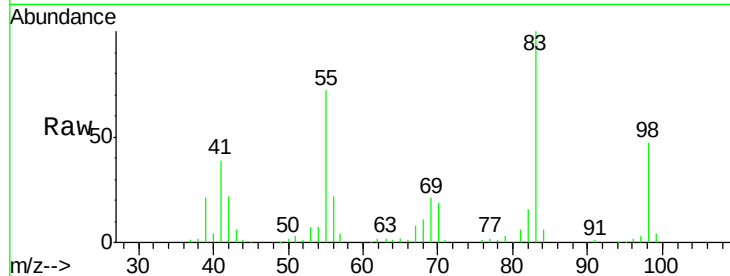
#39
Methylvlcyclohexane
Concen: 50.693 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.2	60.2	90.2
98	46.7	37.4	56.2

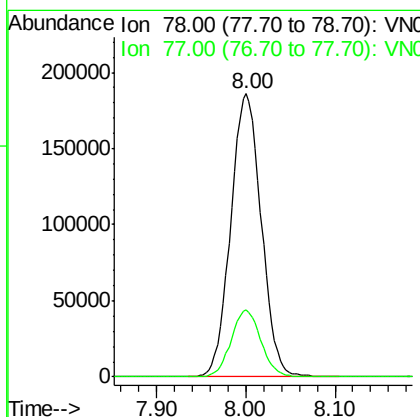
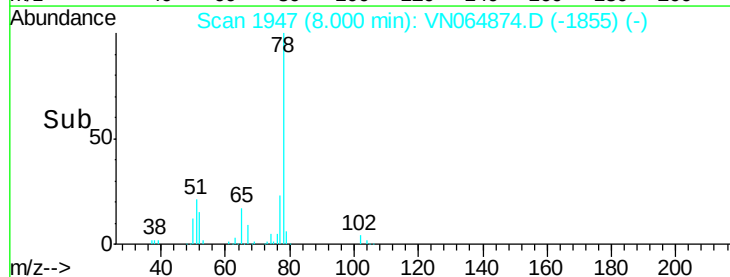
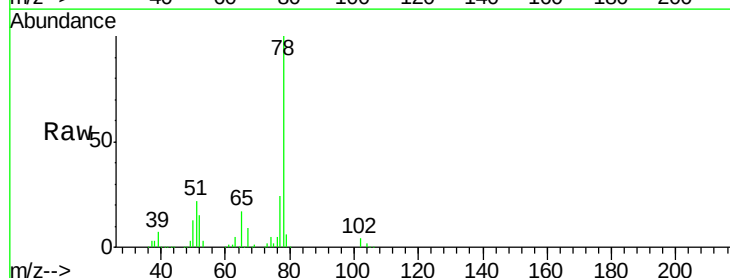
Manual Integrations
APPROVED

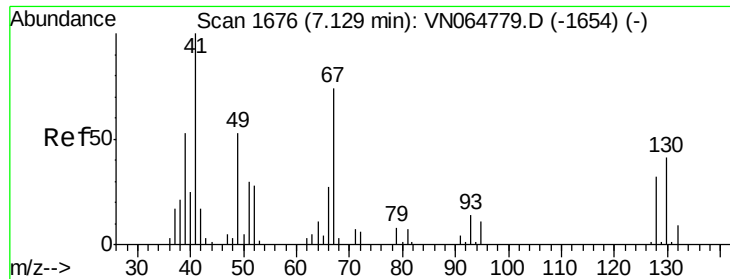
MMDadoda
12/2/2020 12:43:21 PM



#40
Benzene
Concen: 50.185 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	17.9	26.9





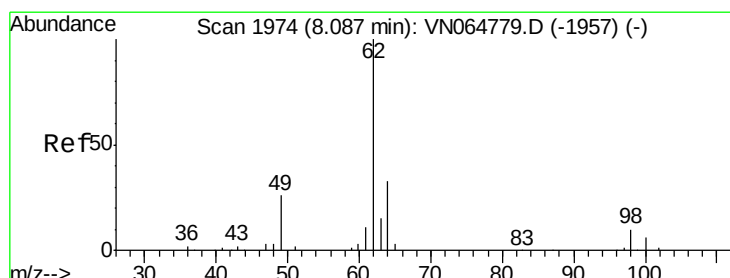
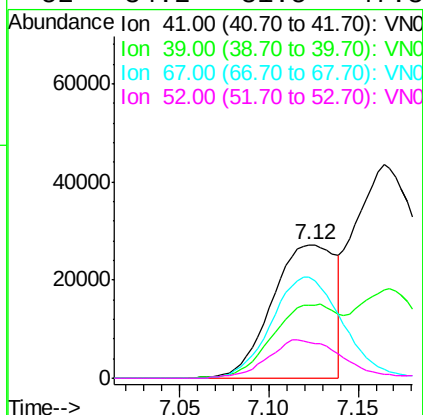
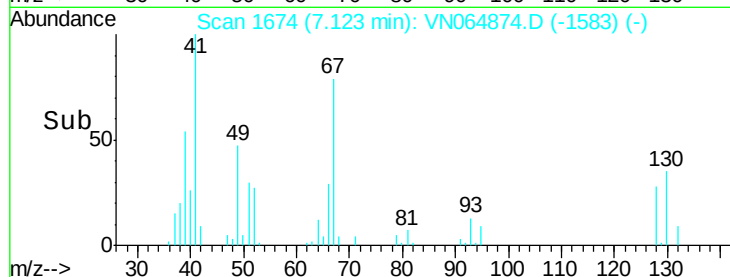
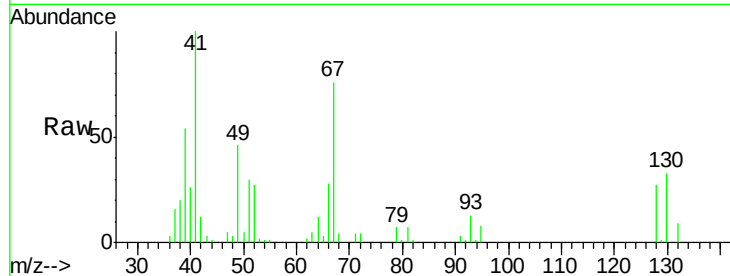
#41
Methacrylonitrile
Concen: 52.697 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	67230
Ion	Ratio	Lower	Upper
41	100		
39	58.3	51.0	76.6
67	85.9	79.8	119.8
52	34.2	31.5	47.3

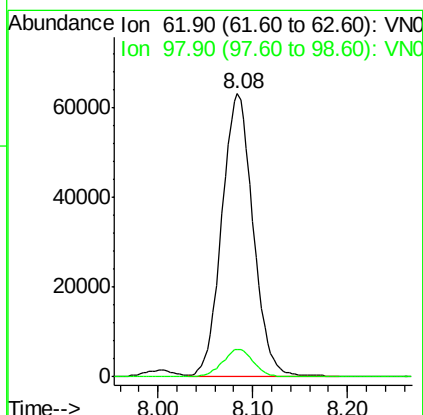
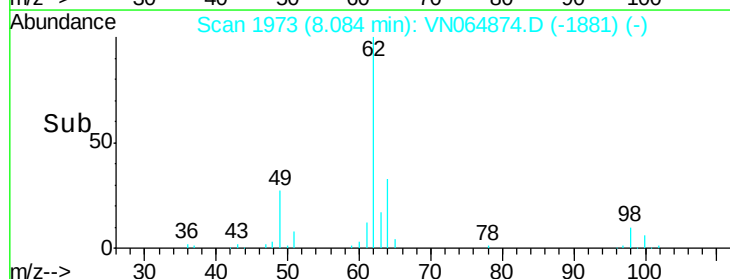
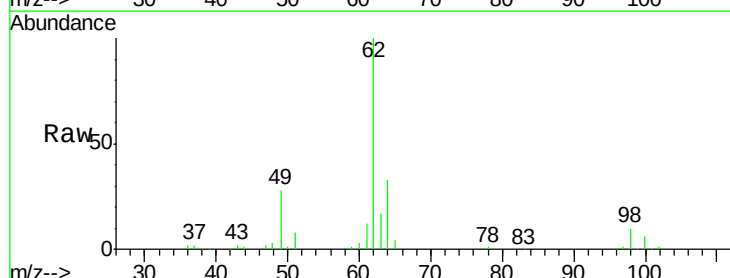
Manual Integrations
APPROVED

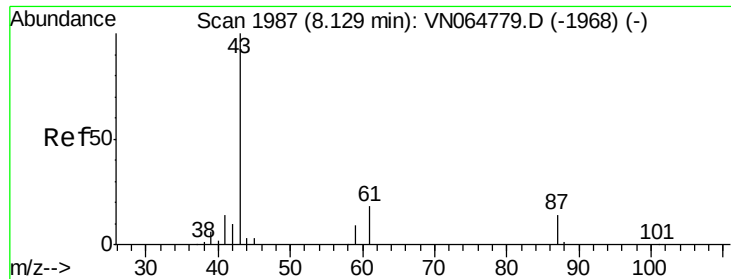
MMDadoda
12/2/2020 12:43:21 PM



#42
1,2-Dichloroethane
Concen: 48.879 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Tgt Ion:	62	Resp:	145035
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.6





#43

Isopropyl Acetate

Concen: 48.980 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

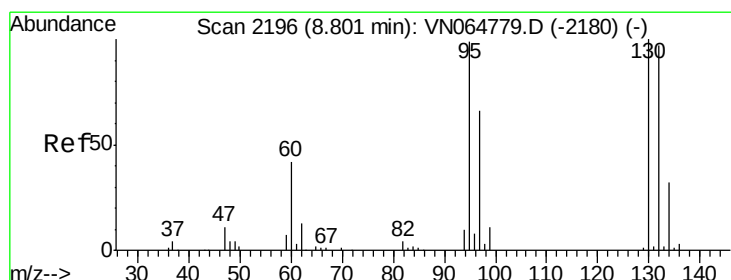
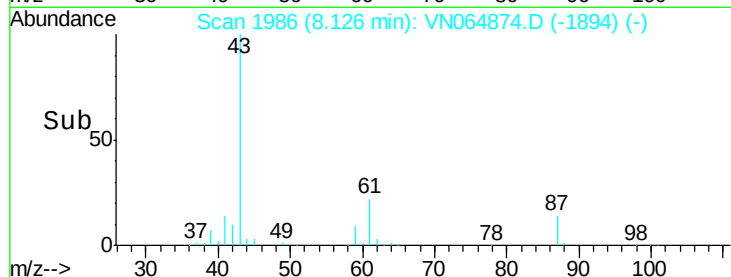
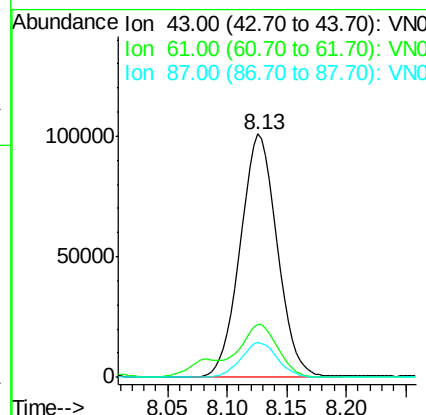
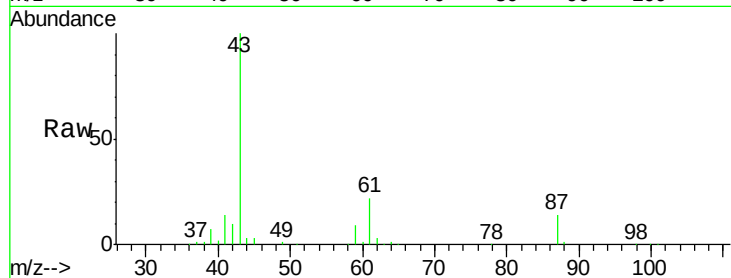
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	217919
Ion	Ratio	Lower	Upper
43	100		
61	22.3	17.2	25.8
87	14.0	11.4	17.0

Manual Integrations
APPROVED

MMDadoda
12/2/2020 12:43:21 PM



#44

Trichloroethene

Concen: 49.504 ug/l

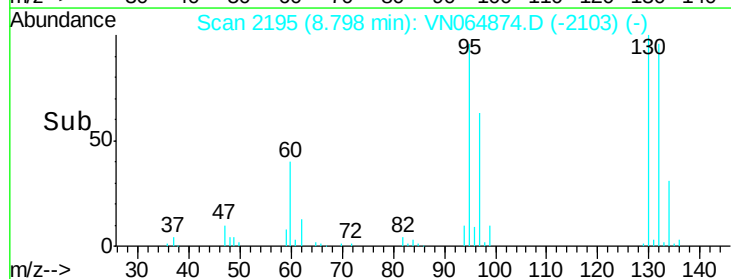
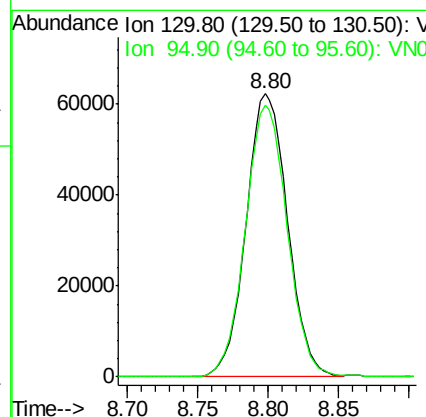
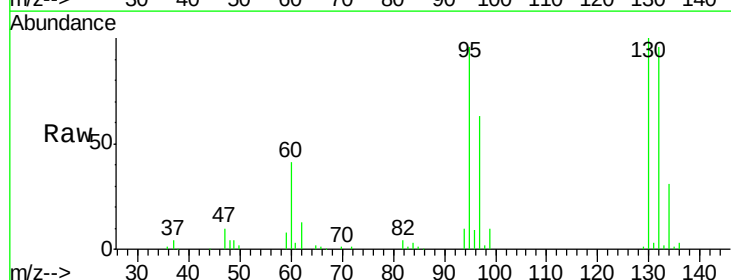
RT: 8.80 min Scan# 2195

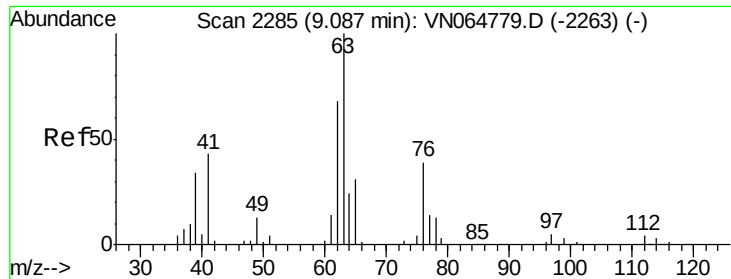
Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Tgt Ion:	130	Resp:	128473
Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	197.8





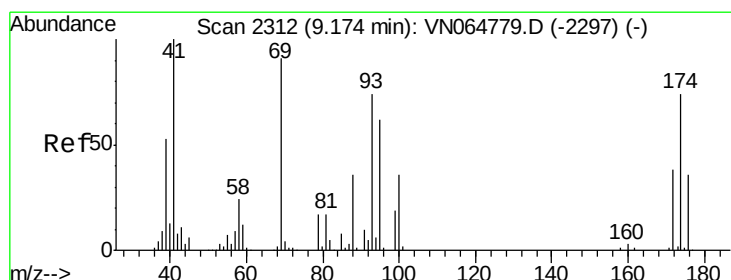
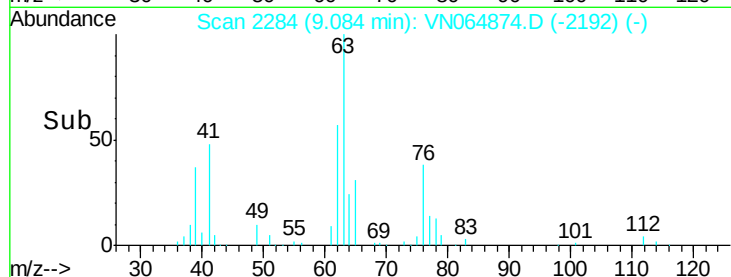
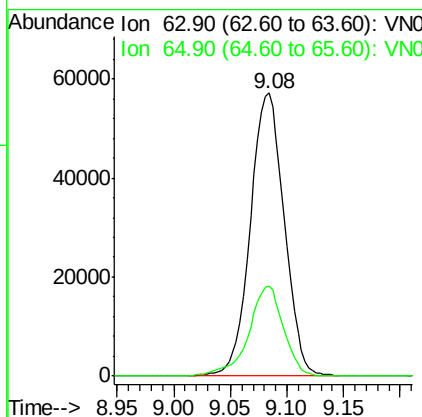
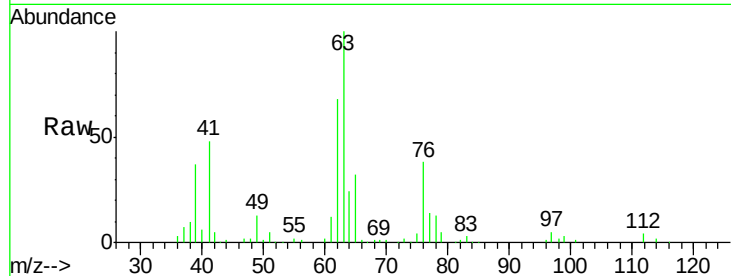
#45
 1,2-Dichloropropane
 Concen: 52.293 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 119113
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.0 37.4

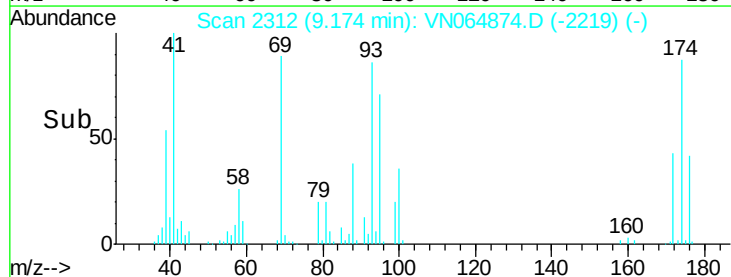
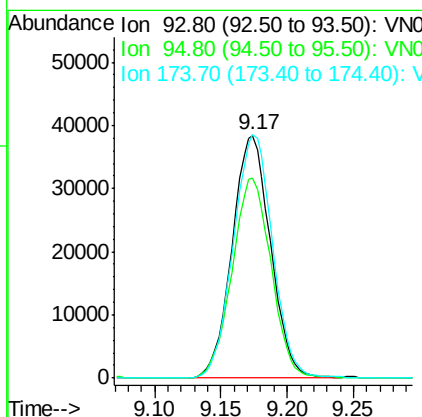
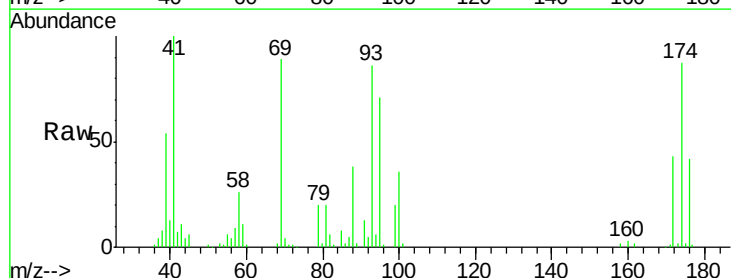
Manual Integrations
 APPROVED

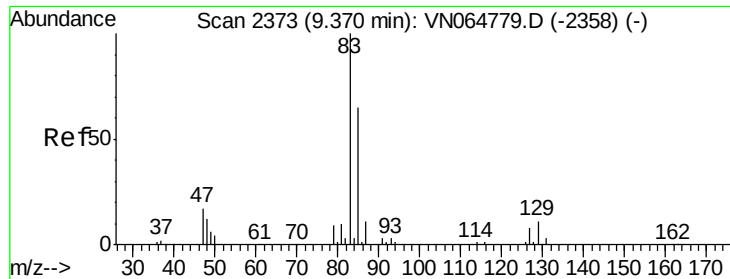
MMDadoda
 12/2/2020 12:43:21 PM



#46
 Dibromomethane
 Concen: 50.814 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Tgt Ion: 93 Resp: 77325
 Ion Ratio Lower Upper
 93 100
 95 83.8 68.8 103.2
 174 102.2 83.1 124.7





#47

Bromodichloromethane

Concen: 51.587 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

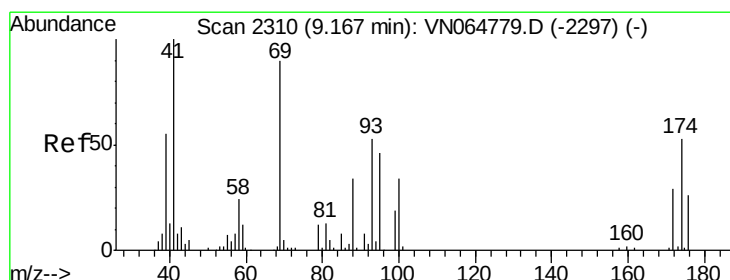
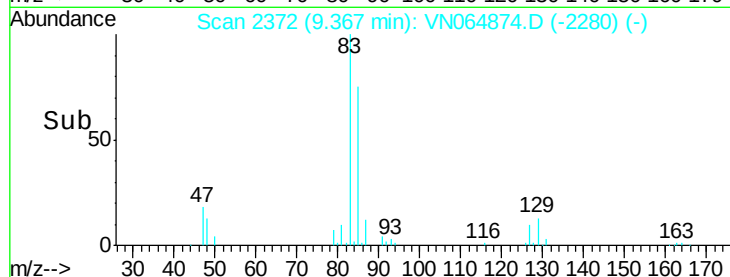
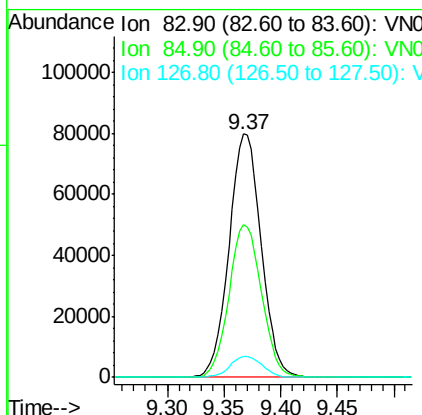
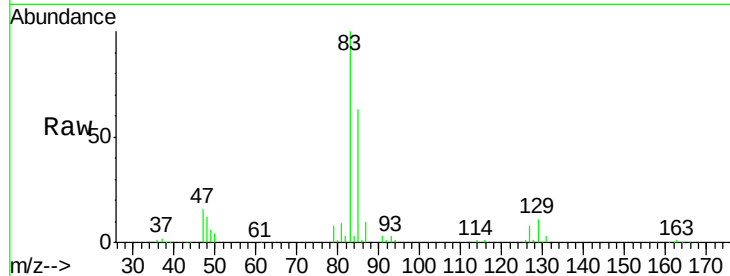
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	157955
Ion Ratio	Lower	Upper	
83	100		
85	62.7	51.8	77.8
127	8.5	6.8	10.2

Manual Integrations
APPROVED

MMDadoda
12/2/2020 12:43:21 PM



#48

Methyl methacrylate

Concen: 48.822 ug/l

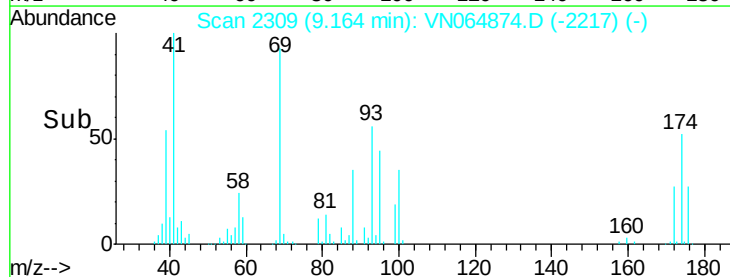
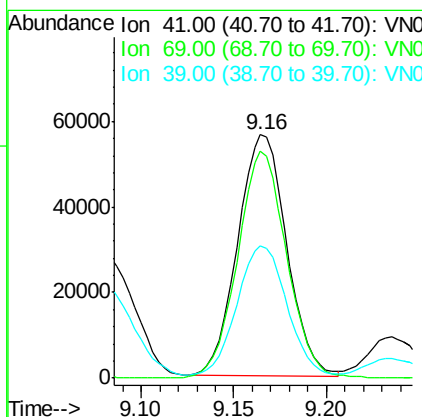
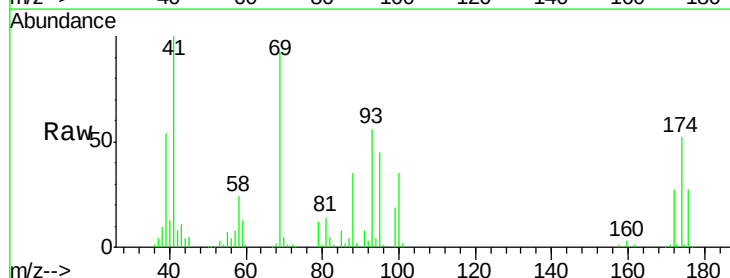
RT: 9.16 min Scan# 2309

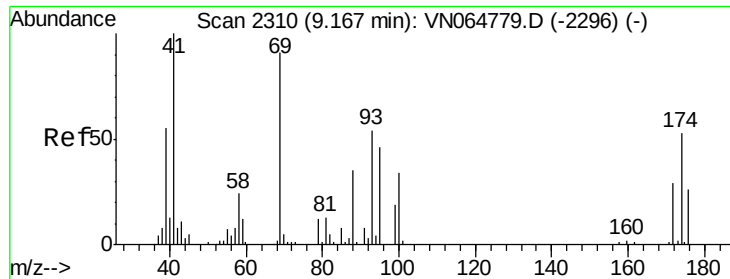
Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Tgt Ion:	41	Resp:	103793
Ion Ratio	Lower	Upper	
41	100		
69	94.4	71.8	107.8
39	57.1	44.1	66.1





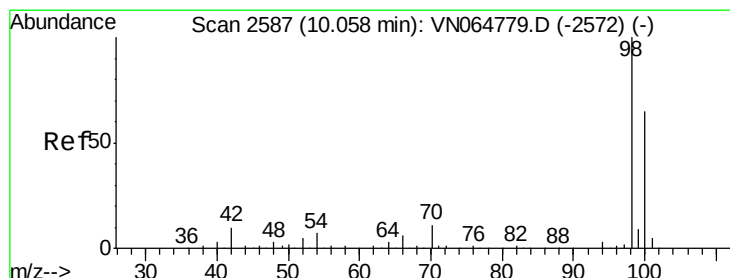
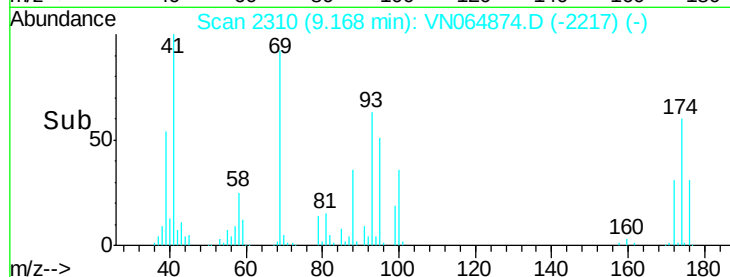
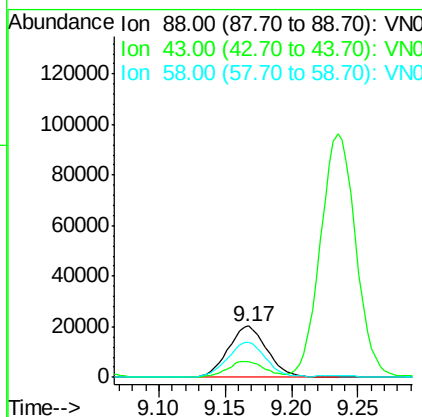
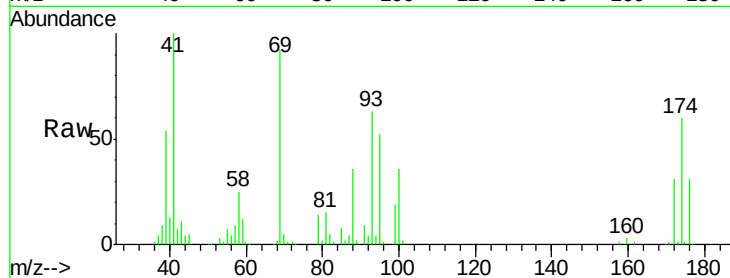
#49
1,4-Dioxane
Concen: 1025.693 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.9	24.2	36.4
58	67.2	52.5	78.7

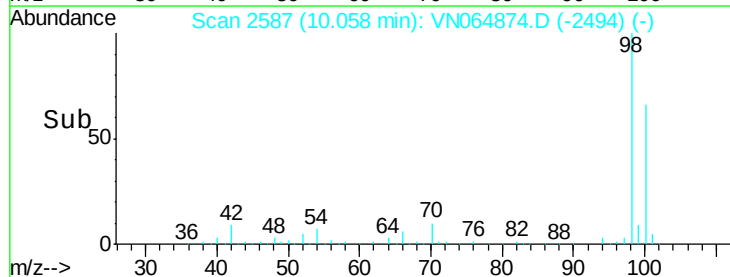
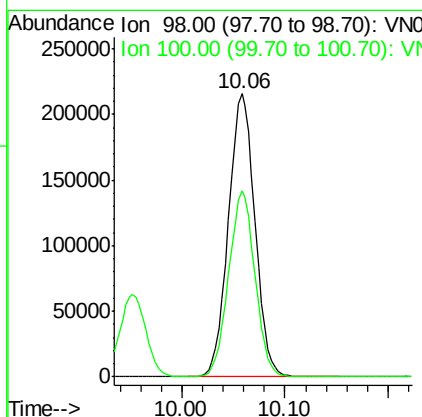
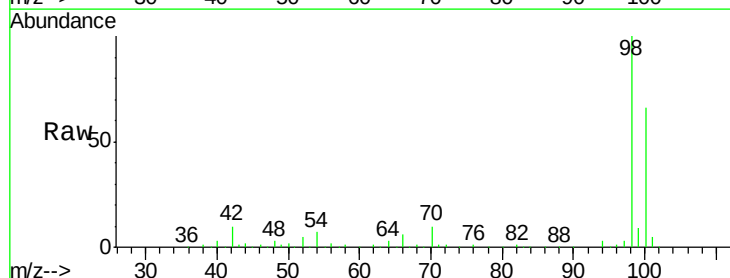
Manual Integrations
APPROVED

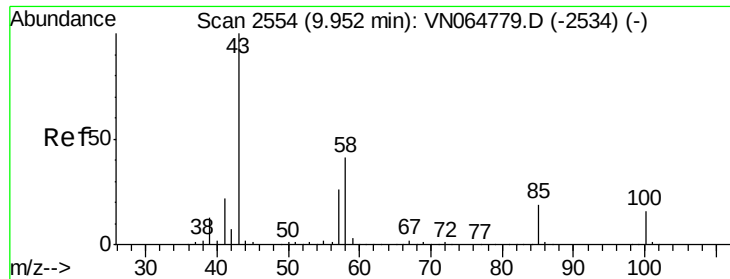
MMDadoda
12/2/2020 12:43:21 PM



#50
Toluene-d8
Concen: 51.149 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 254.045 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 678555

Ion Ratio Lower Upper

43 100

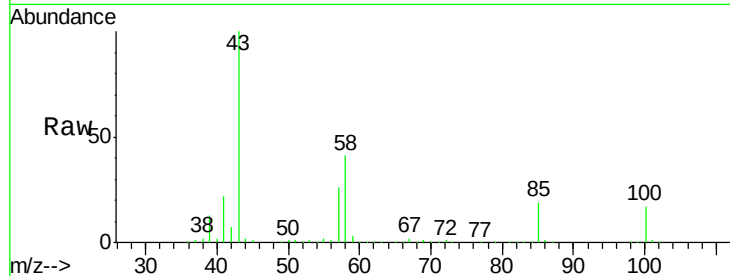
58 40.6 32.4 48.6

Manual Integrations

APPROVED

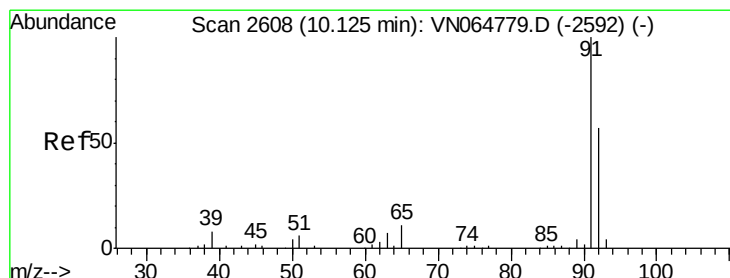
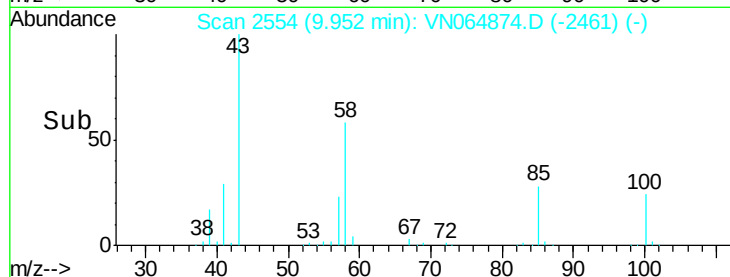
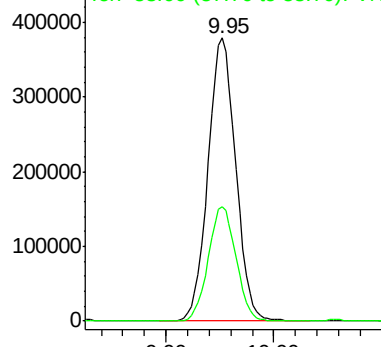
MMDadoda

12/2/2020 12:43:21 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 50.650 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064874.D

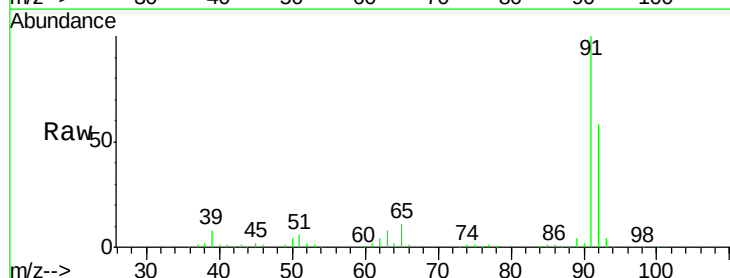
Acq: 1 Dec 2020 10:55

Tgt Ion: 92 Resp: 274361

Ion Ratio Lower Upper

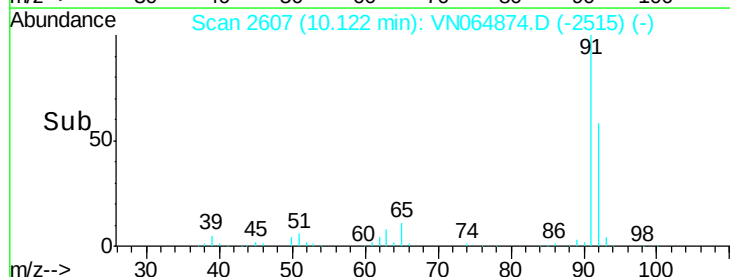
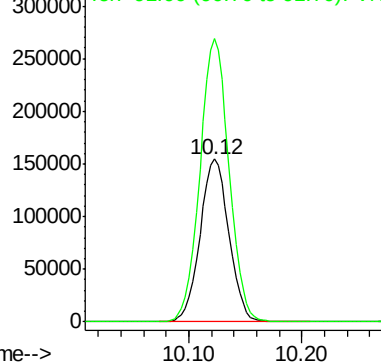
92 100

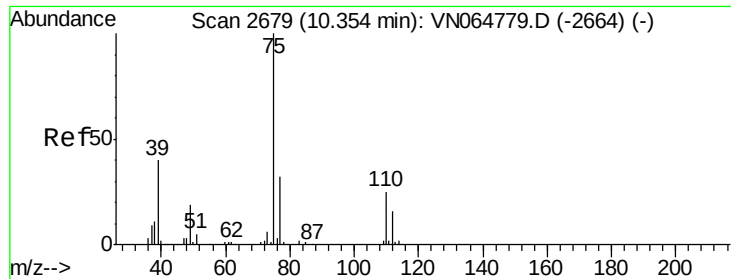
91 175.0 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





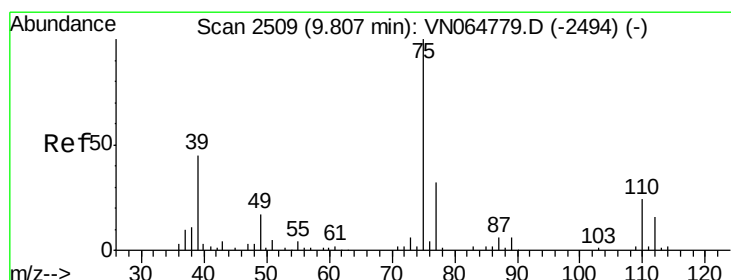
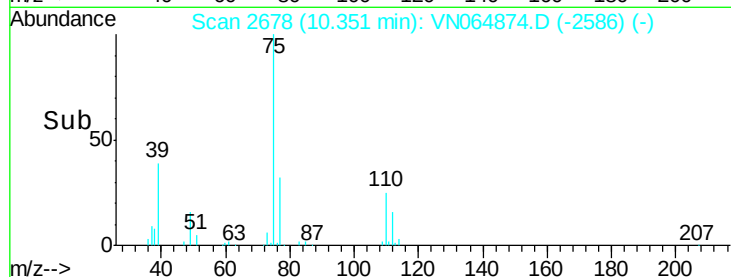
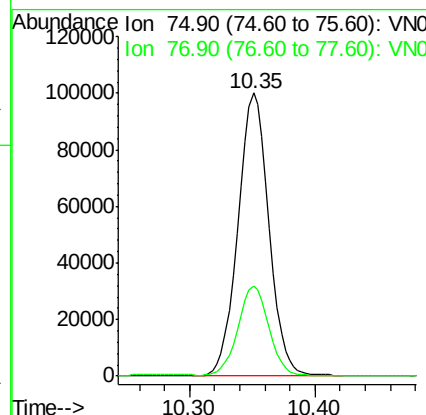
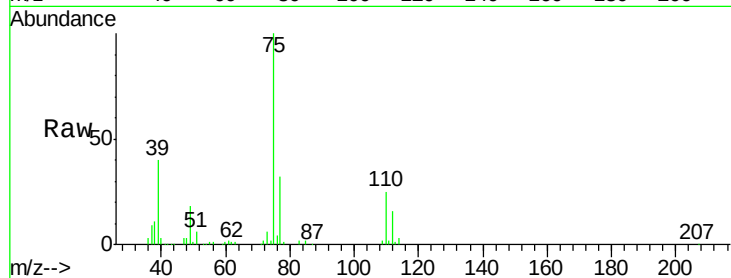
#53
t-1,3-Dichloropropene
Concen: 50.198 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.8	38.6

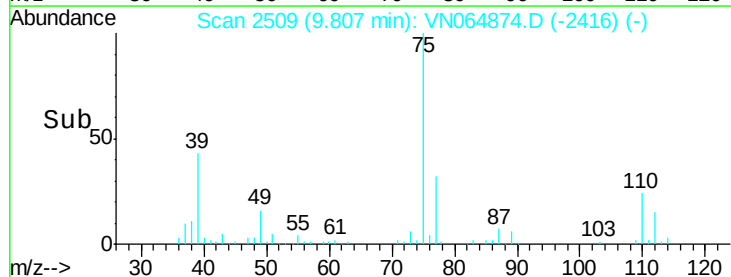
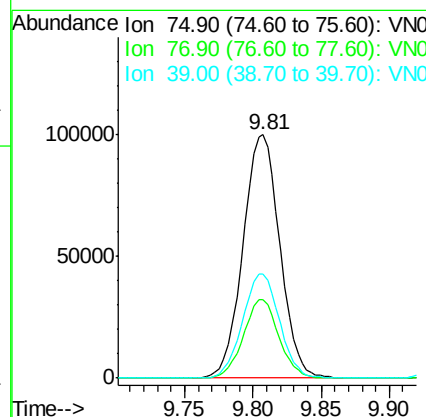
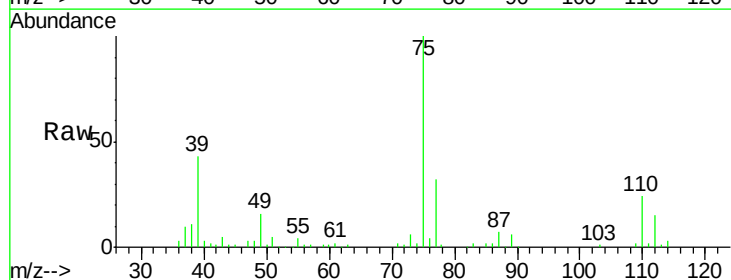
Manual Integrations
APPROVED

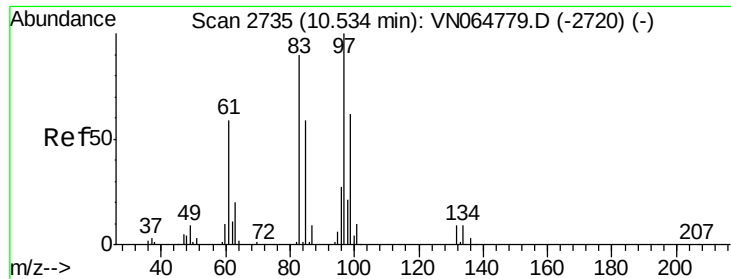
MMDadoda
12/2/2020 12:43:21 PM



#54
cis-1,3-Dichloropropene
Concen: 51.151 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.5	38.3
39	42.9	35.6	53.4





#55

1,1,2-Trichloroethane

Concen: 51.119 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

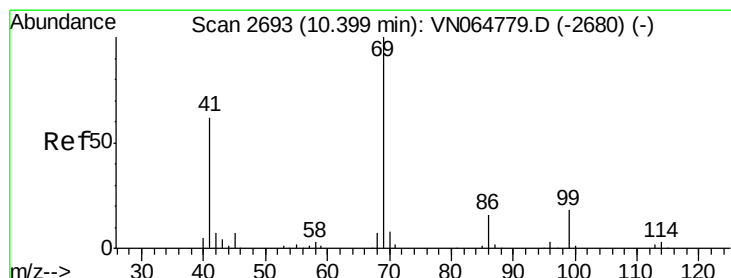
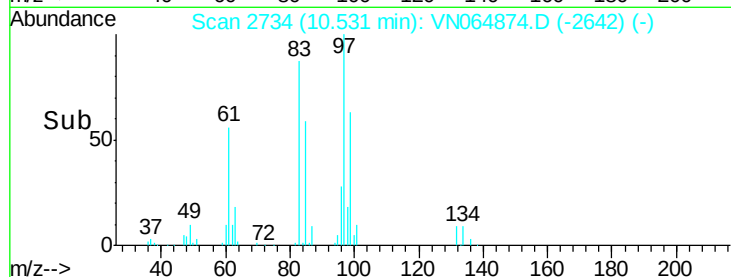
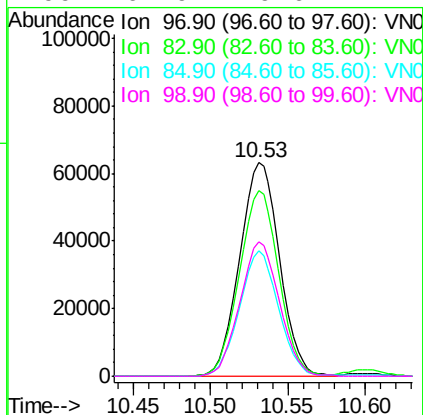
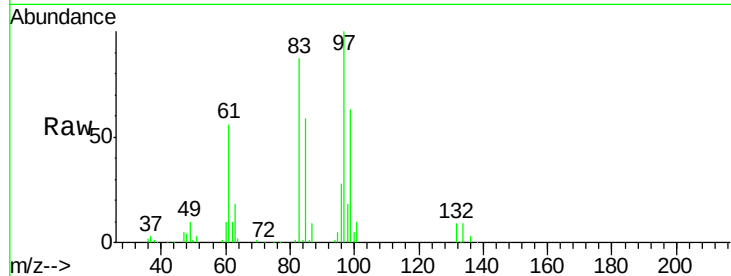
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	113865
Ion	Ratio	Lower	Upper
97	100		
83	87.2	72.1	108.1
85	58.7	46.8	70.2
99	62.9	49.6	74.4

Manual Integrations
APPROVED

MMDadoda
12/2/2020 12:43:21 PM



#56

Ethyl methacrylate

Concen: 52.175 ug/l

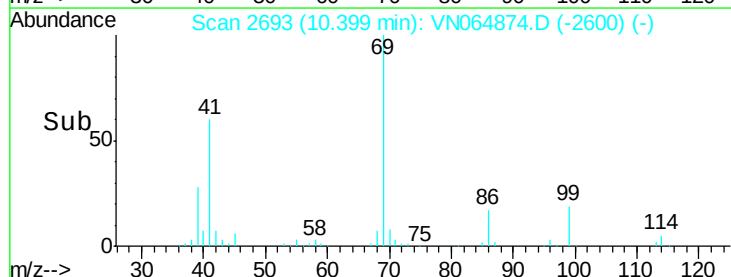
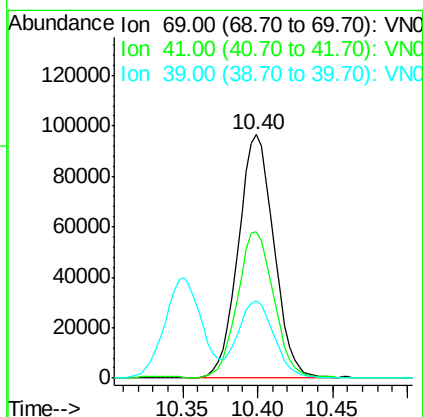
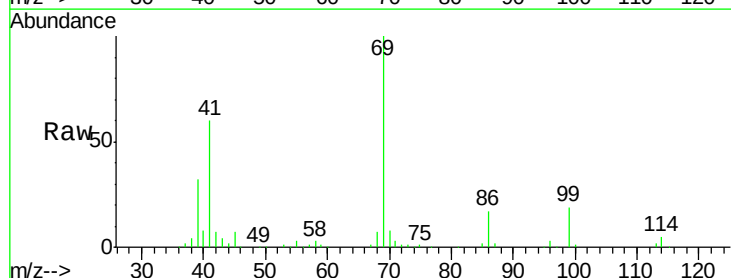
RT: 10.40 min Scan# 2693

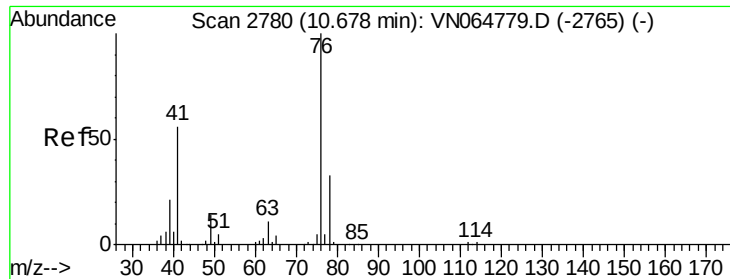
Delta R.T. 0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Tgt Ion:	69	Resp:	160373
Ion	Ratio	Lower	Upper
69	100		
41	60.9	49.4	74.0
39	32.3	25.9	38.9





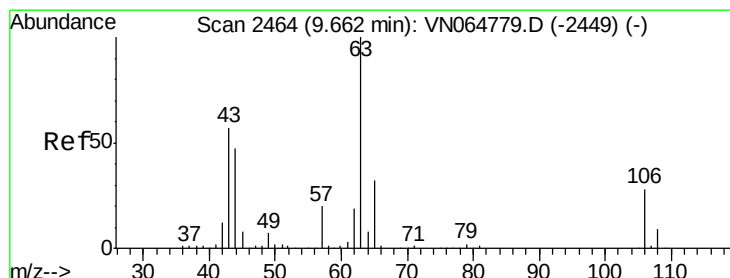
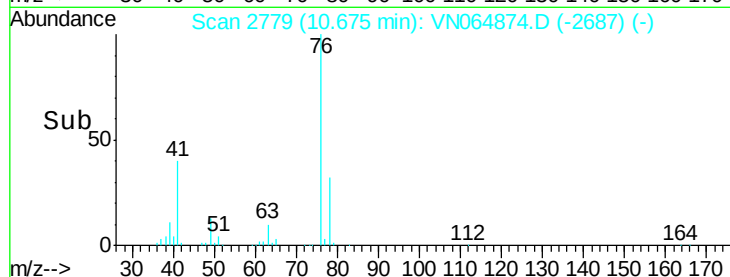
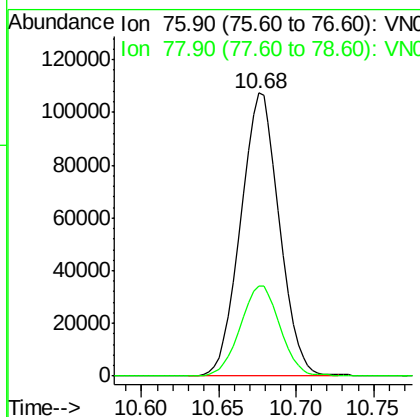
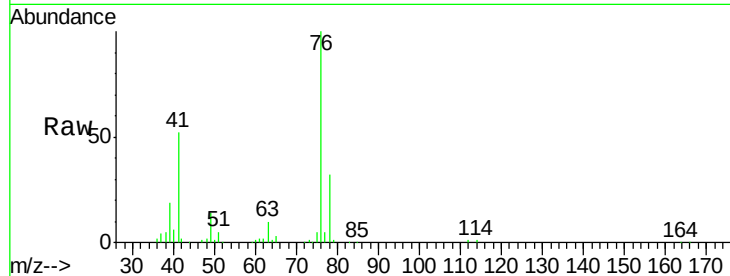
#57
 1,3-Dichloropropane
 Concen: 50.908 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 187053
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.1 39.1

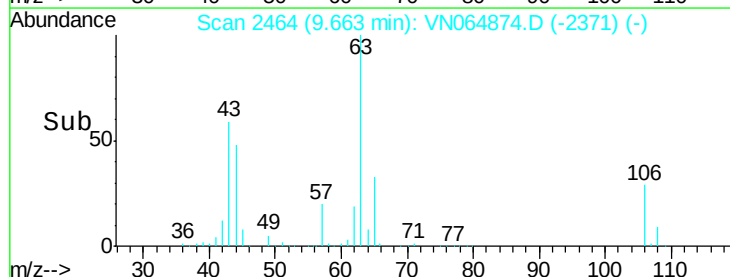
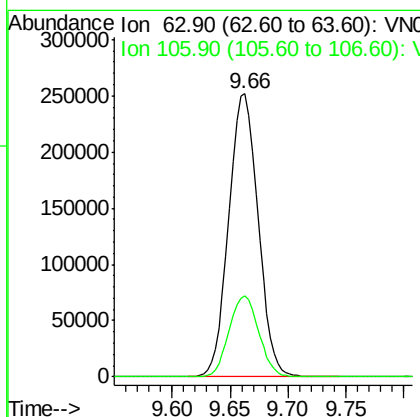
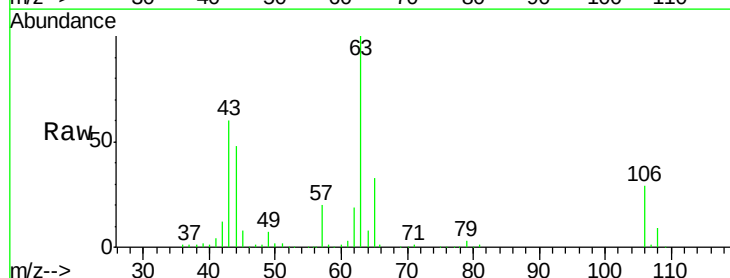
Manual Integrations
 APPROVED

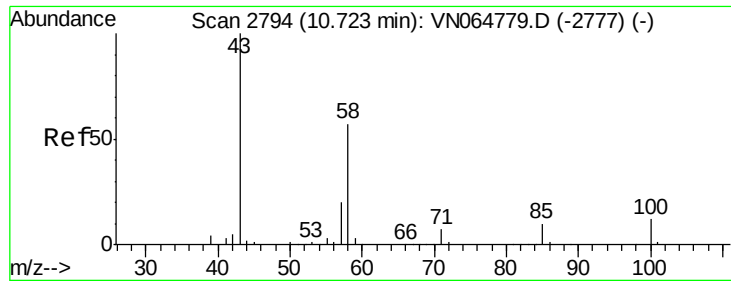
MMDadoda
 12/2/2020 12:43:21 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 261.203 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Tgt Ion: 63 Resp: 441640
 Ion Ratio Lower Upper
 63 100
 106 28.8 22.7 34.1





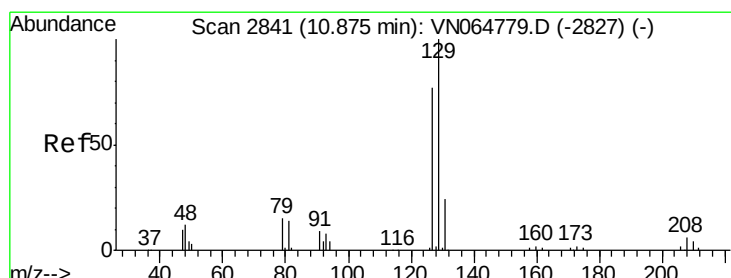
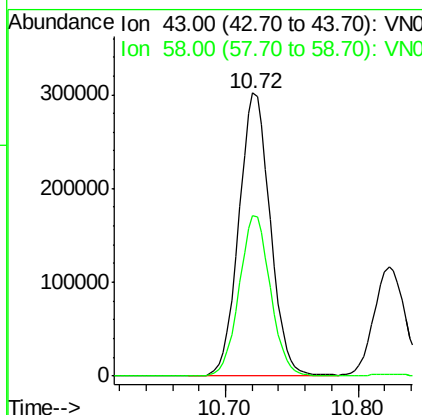
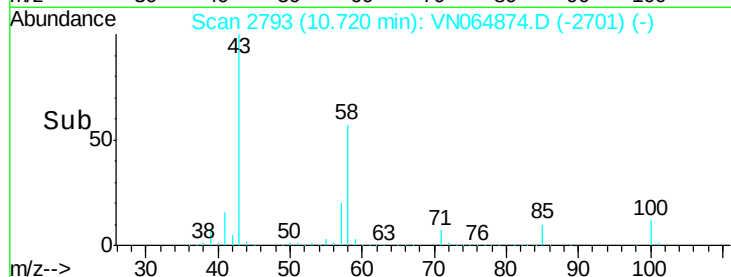
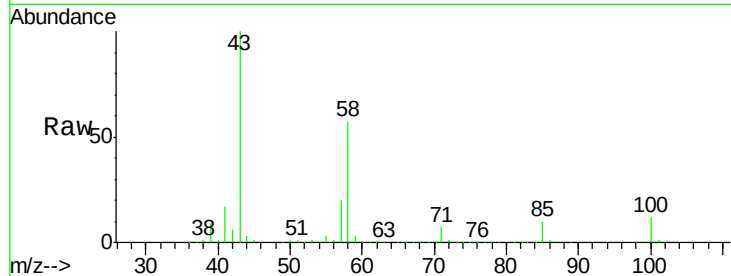
#59
2-Hexanone
Concen: 258.611 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.4	28.3	84.9

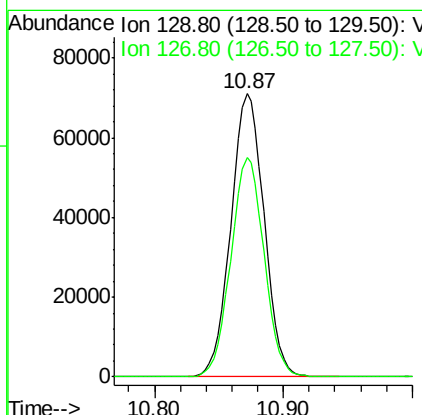
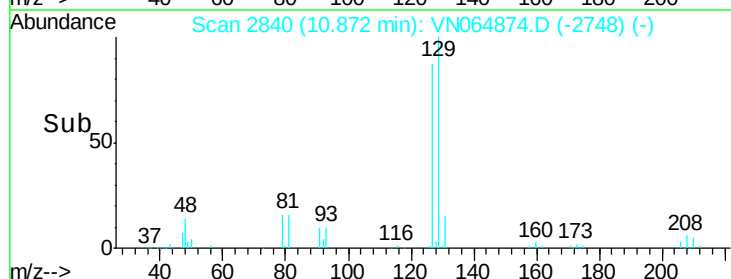
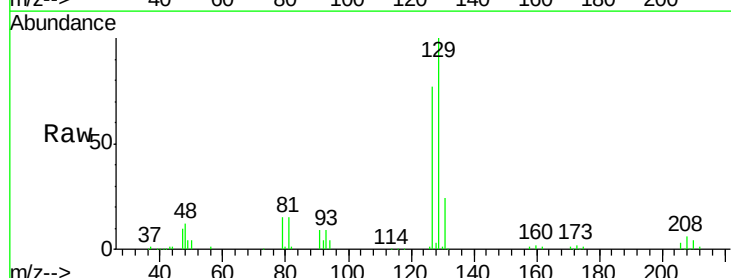
Manual Integrations
APPROVED

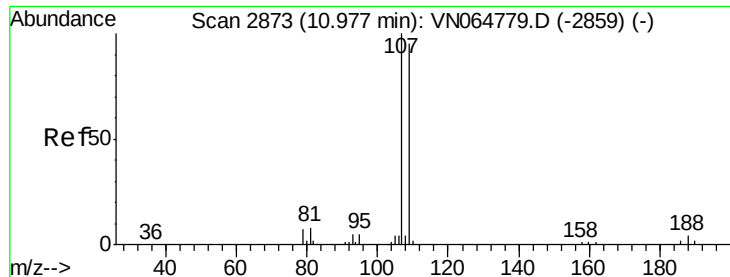
MMDadoda
12/2/2020 12:43:21 PM



#60
Dibromochloromethane
Concen: 51.305 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.4	39.1	117.2





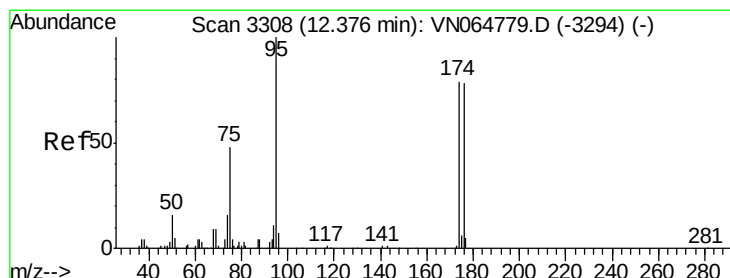
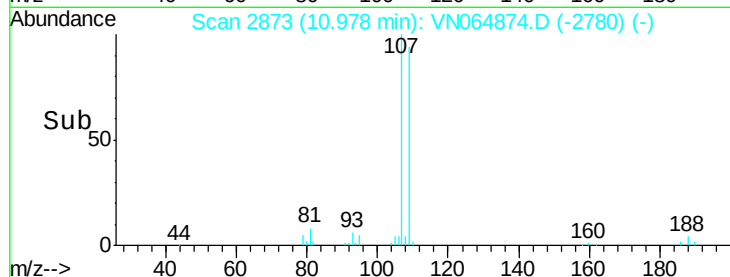
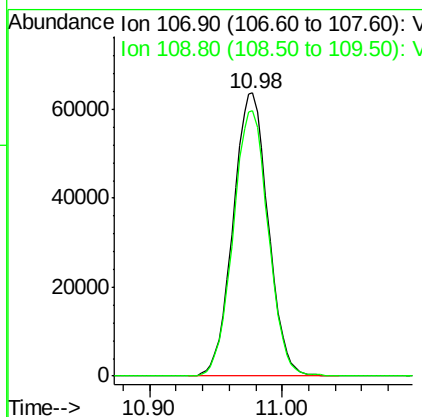
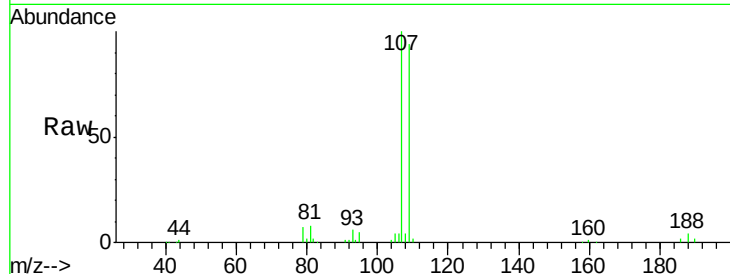
#61
 1,2-Dibromoethane
 Concen: 51.584 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	116736		
109	94.0	76.0	114.0	

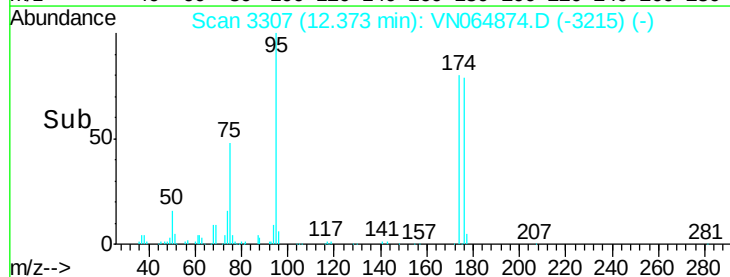
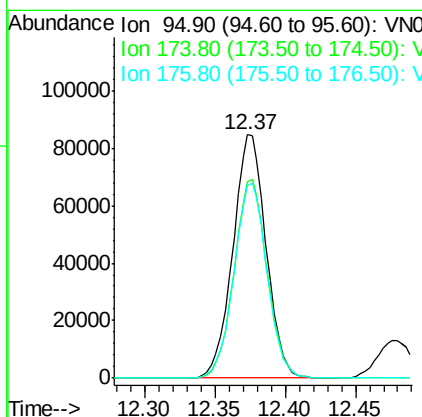
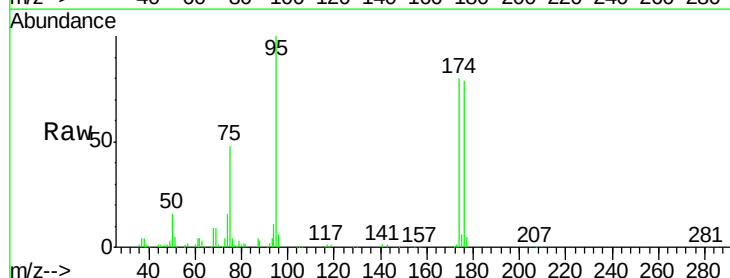
Manual Integrations
 APPROVED

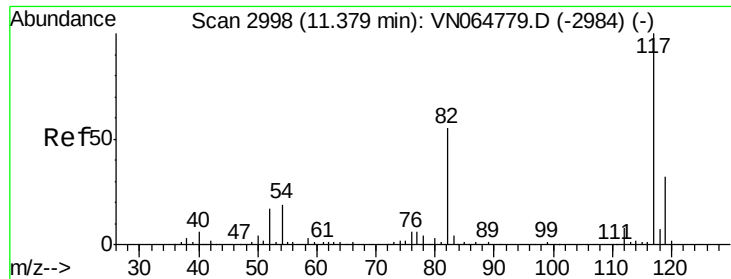
MMDadoda
 12/2/2020 12:43:21 PM



#62
 4-Bromofluorobenzene
 Concen: 51.509 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	139566		
174	81.4	0.0	160.4	
176	79.9	0.0	158.4	





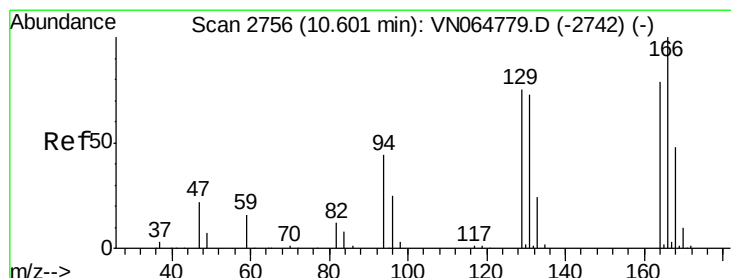
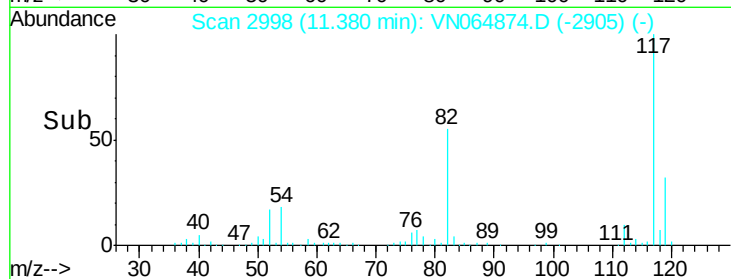
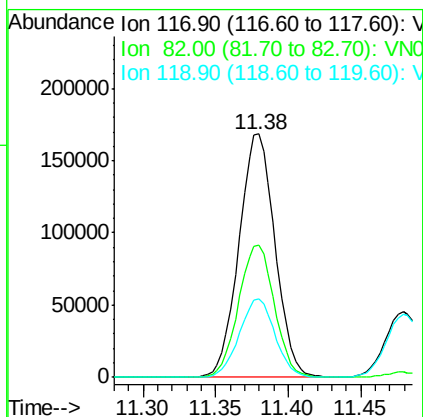
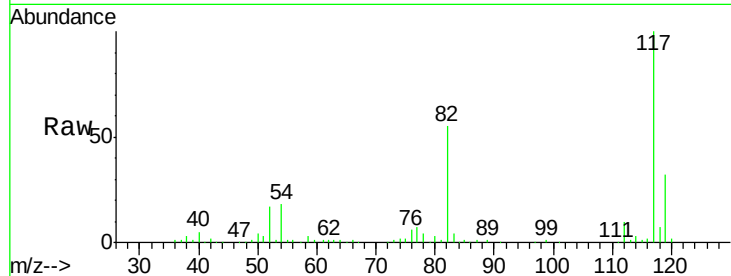
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	44.2	66.2
119	32.0	25.8	38.6

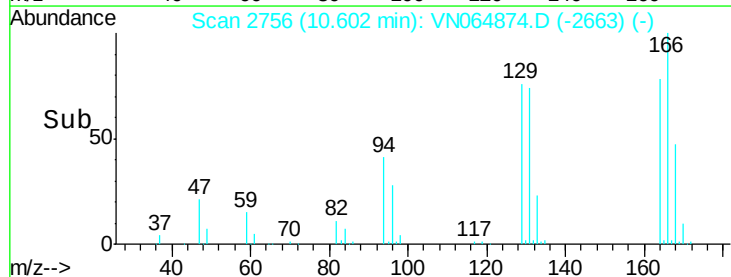
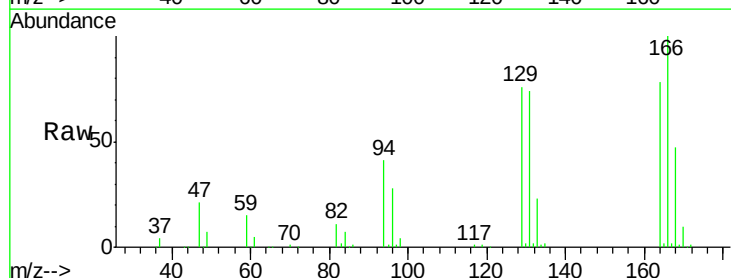
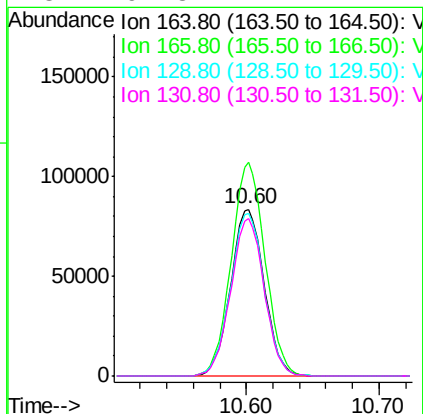
Manual Integrations
APPROVED

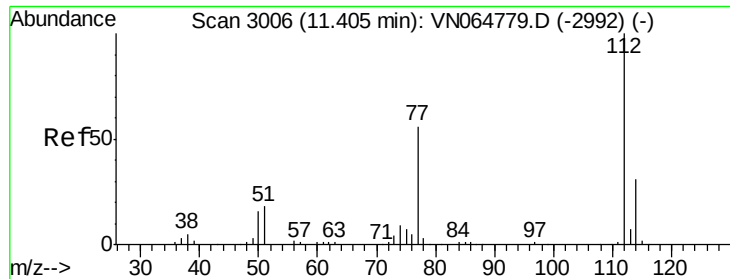
MMDadoda
12/2/2020 12:43:21 PM



#64
Tetrachloroethene
Concen: 51.755 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.2	101.4	152.0
129	97.8	76.1	114.1
131	94.8	74.2	111.2





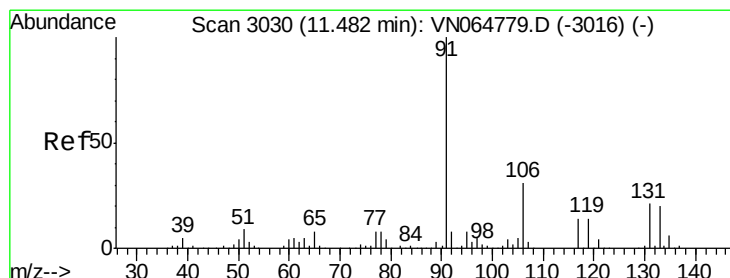
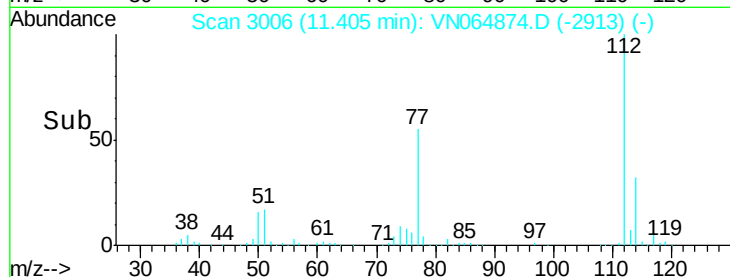
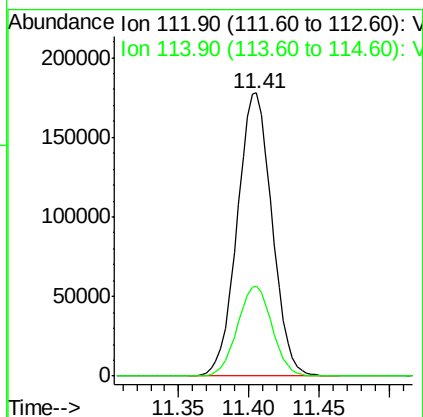
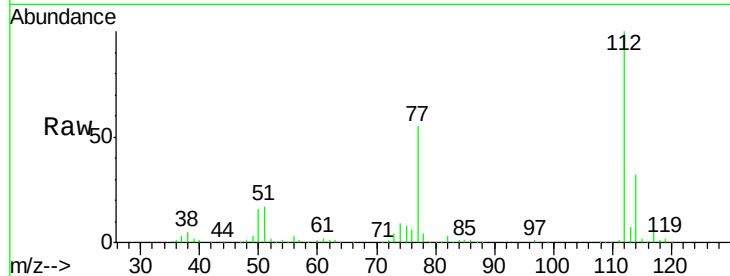
#65
Chlorobenzene
Concen: 49.153 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 307612
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7

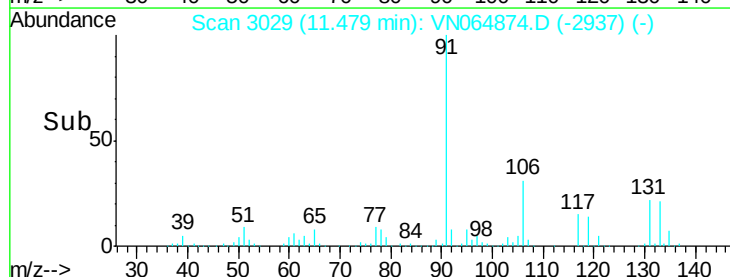
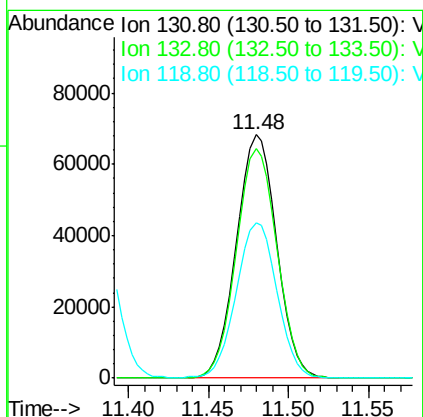
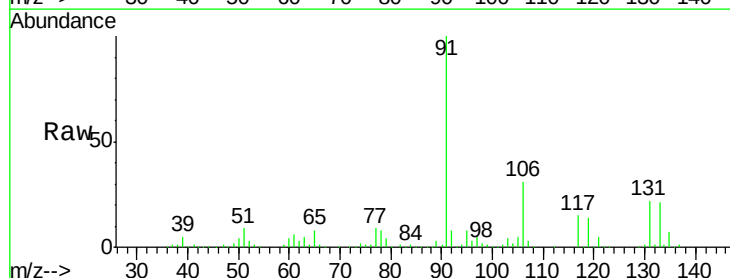
Manual Integrations
APPROVED

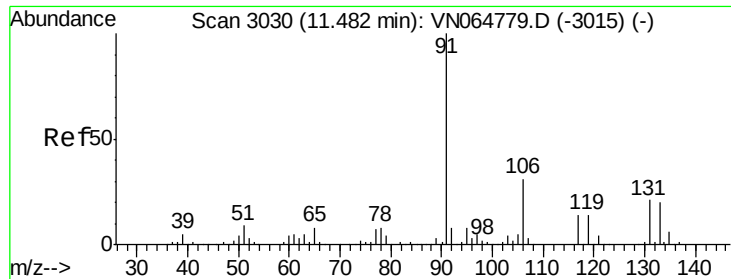
MMDadoda
12/2/2020 12:43:21 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.858 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Tgt Ion:131 Resp: 116970
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.5
119 64.8 33.3 99.8





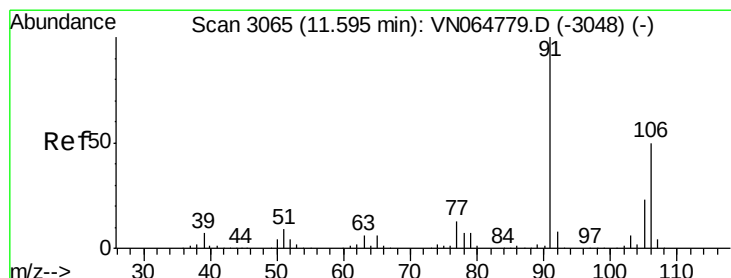
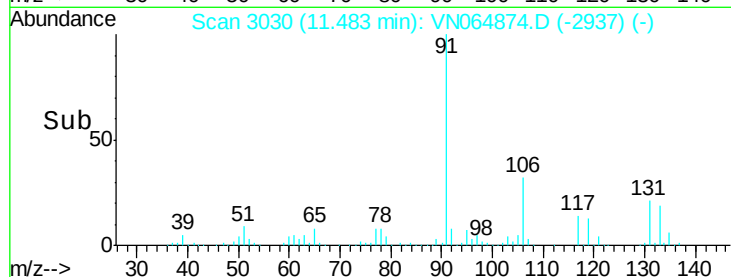
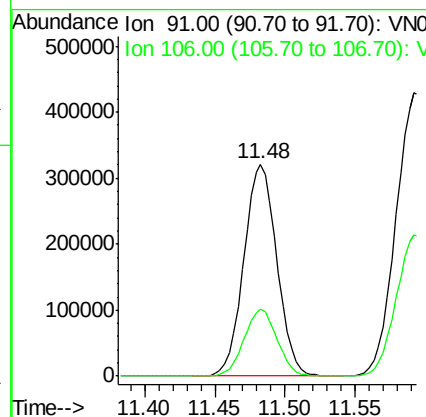
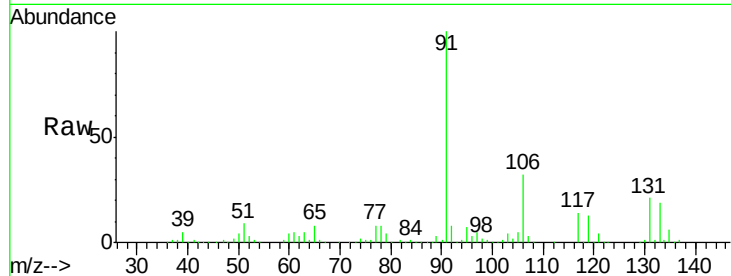
#67
Ethyl Benzene
Concen: 50.365 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 52657
Ion Ratio Lower Upper
91 100
106 31.6 25.2 37.8

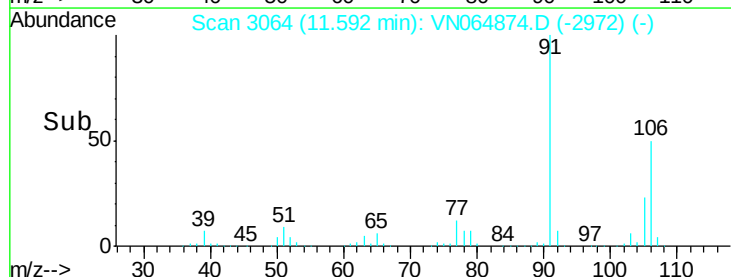
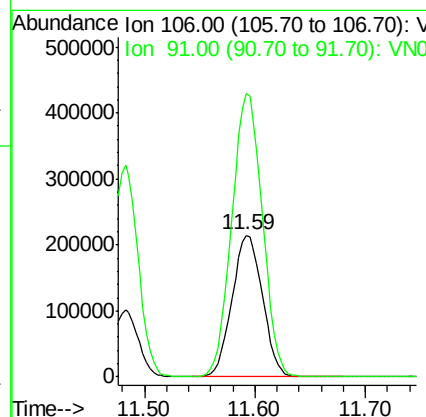
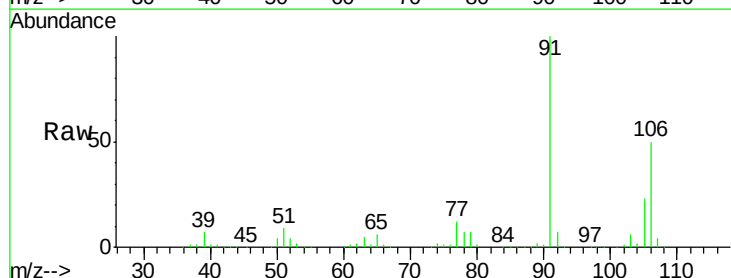
Manual Integrations
APPROVED

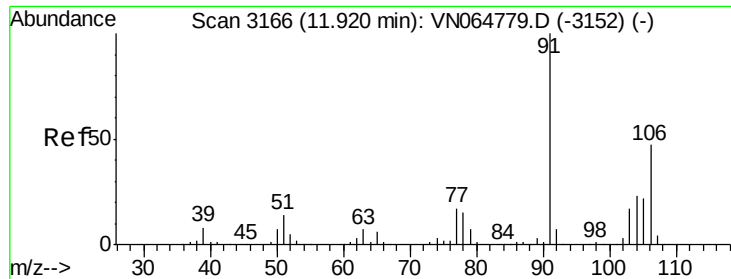
MMDadoda
12/2/2020 12:43:21 PM



#68
m/p-Xylenes
Concen: 103.795 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Tgt Ion: 106 Resp: 410849
Ion Ratio Lower Upper
106 100
91 200.7 161.0 241.4





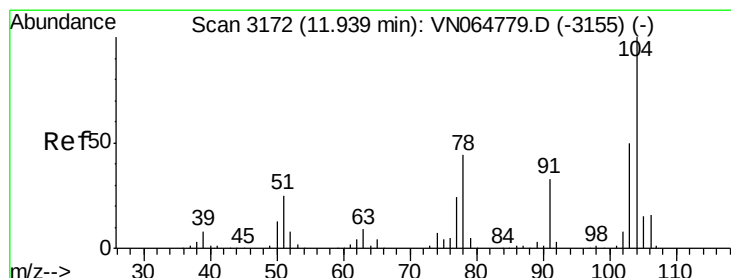
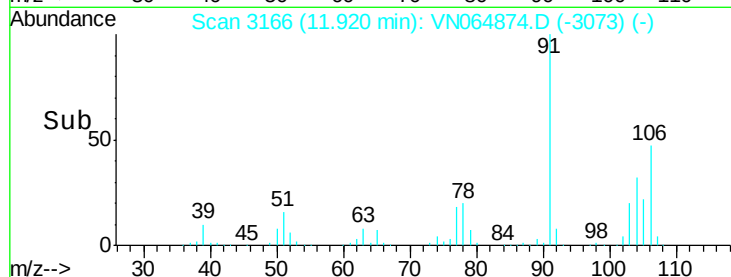
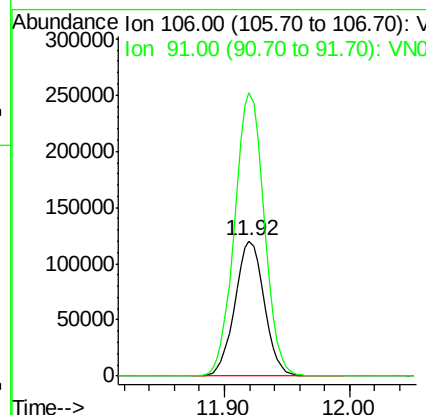
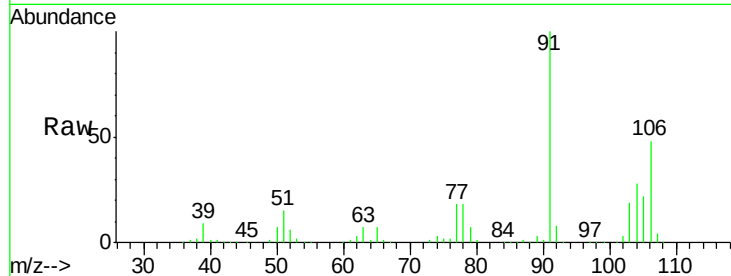
#69
o-Xylene
Concen: 51.982 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		195256		
91	211.9	105.5	316.5		

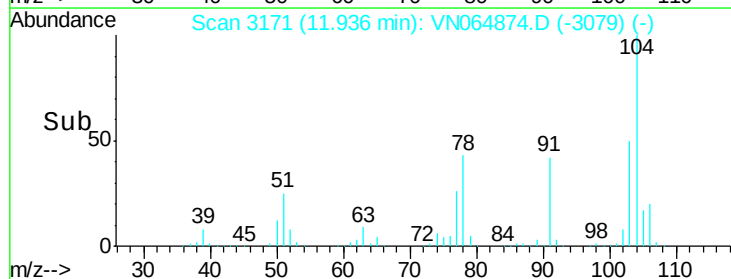
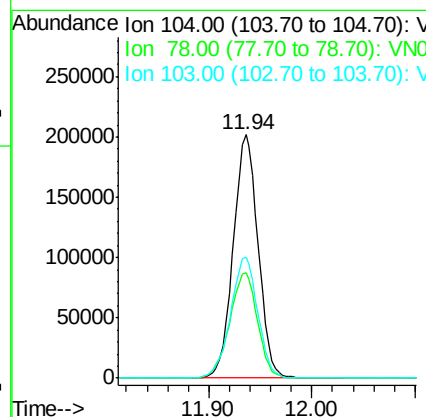
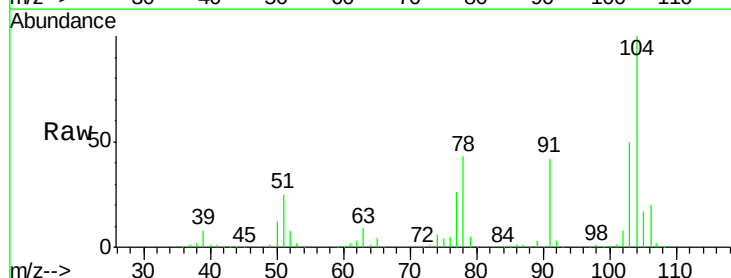
Manual Integrations
APPROVED

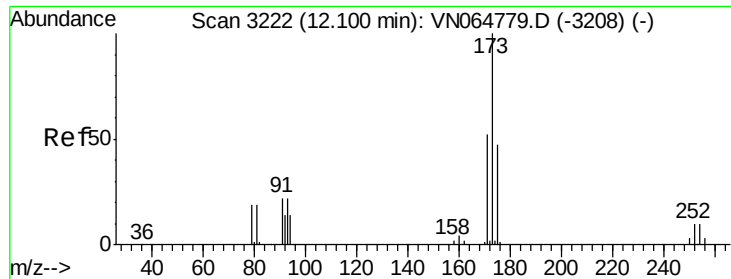
MMDadoda
12/2/2020 12:43:21 PM



#70
Styrene
Concen: 53.586 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		339794		
78	48.0	39.0	58.6		
103	54.2	44.3	66.5		





#71

Bromoform

Concen: 48.903 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 89832

Ion Ratio Lower Upper

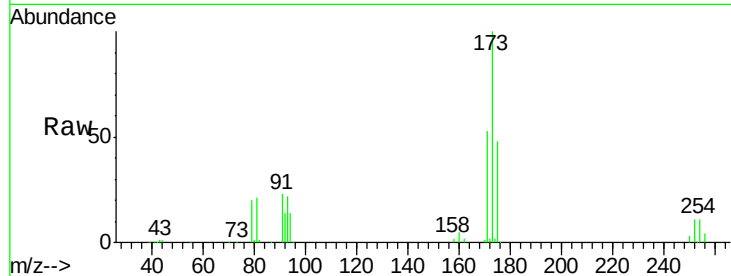
173 100

175 48.1 24.3 72.8

254 0.0 0.0 0.0

Manual Integrations
APPROVED

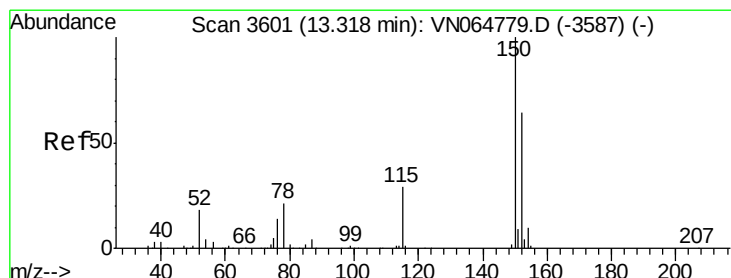
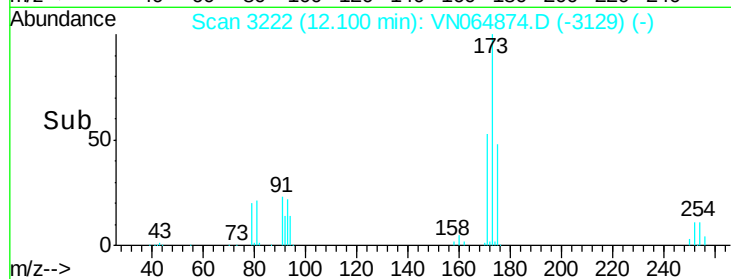
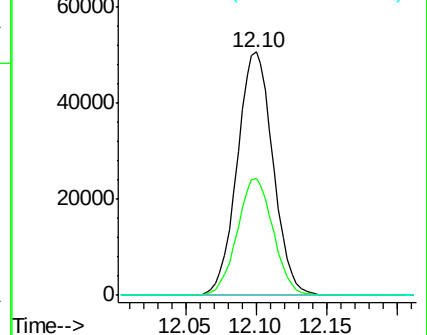
MMDadoda
12/2/2020 12:43:21 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

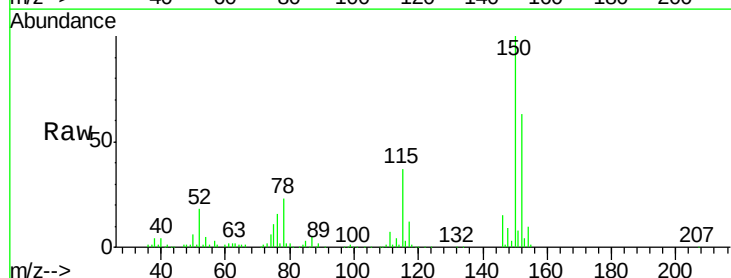
Tgt Ion:152 Resp: 149371

Ion Ratio Lower Upper

152 100

115 59.3 29.7 89.1

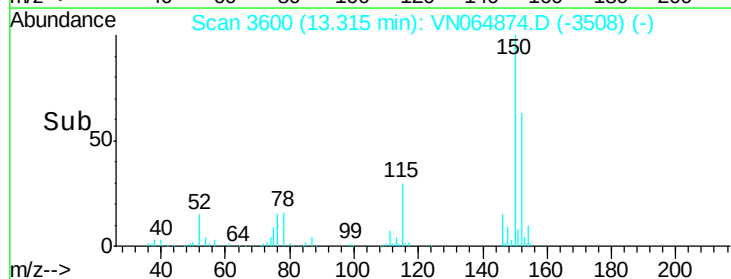
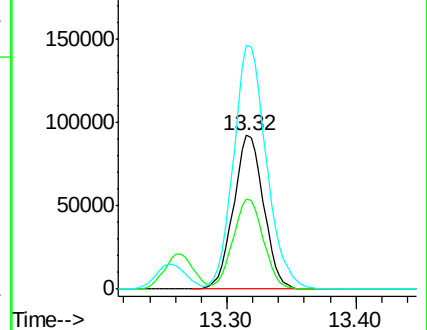
150 174.0 0.0 350.6

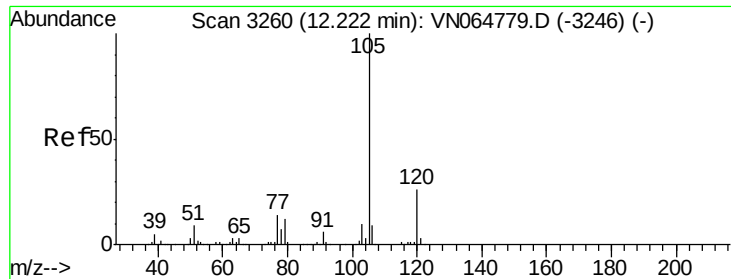


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.205 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 521620

Ion Ratio Lower Upper

105 100

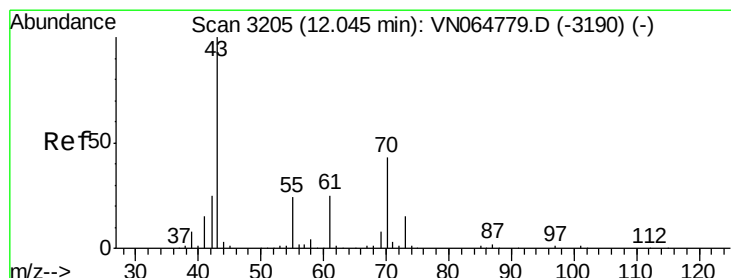
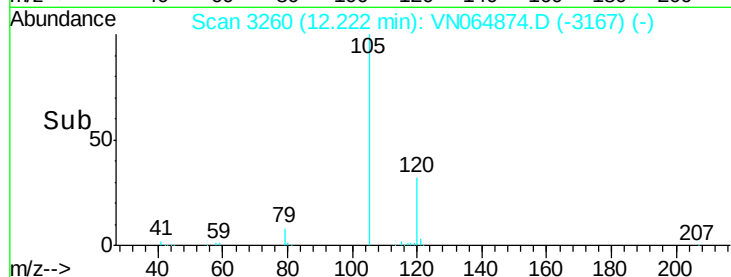
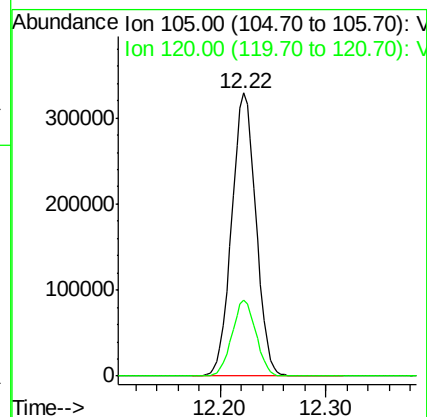
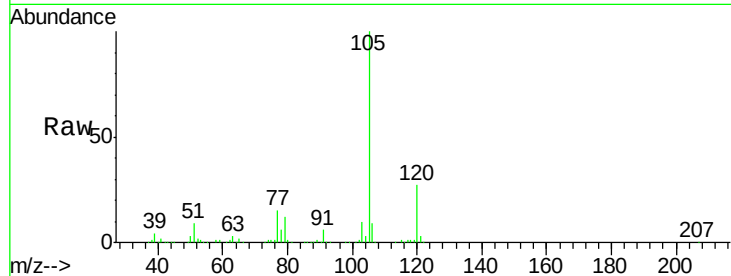
120 26.6 13.3 39.9

Manual Integrations

APPROVED

MMDadoda

12/2/2020 12:43:21 PM



#74

N-ethyl acetate

Concen: 47.412 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Tgt Ion: 43 Resp: 193857

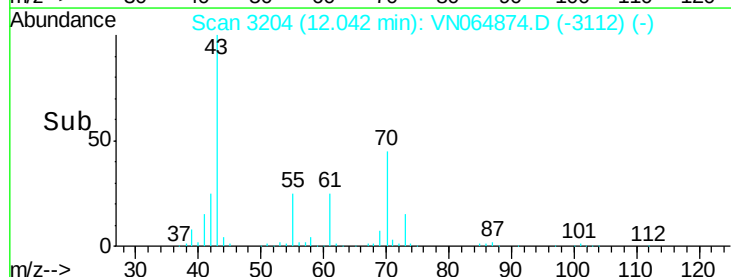
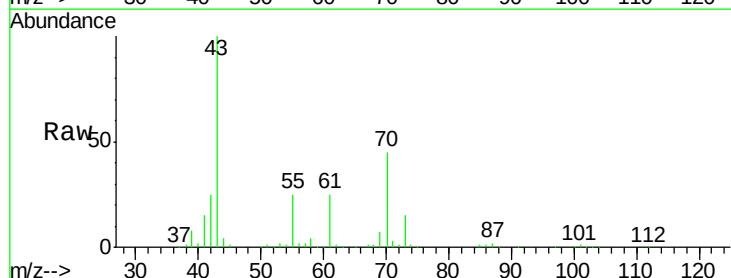
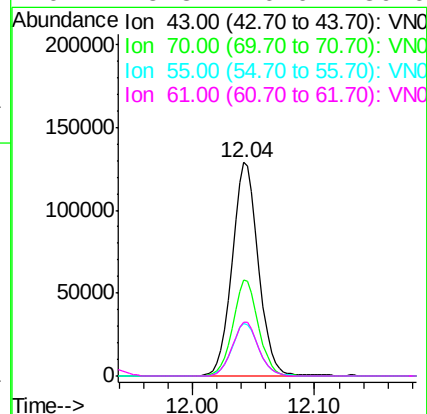
Ion Ratio Lower Upper

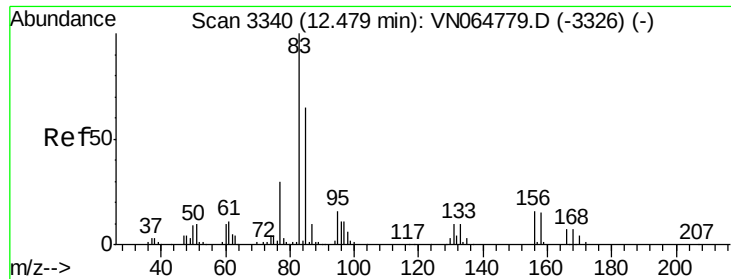
43 100

70 43.9 34.5 51.7

55 25.2 20.4 30.6

61 25.3 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.829 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

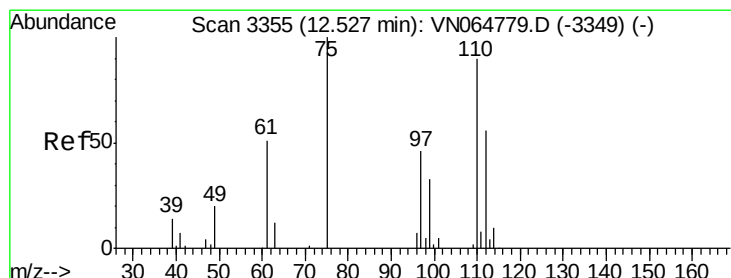
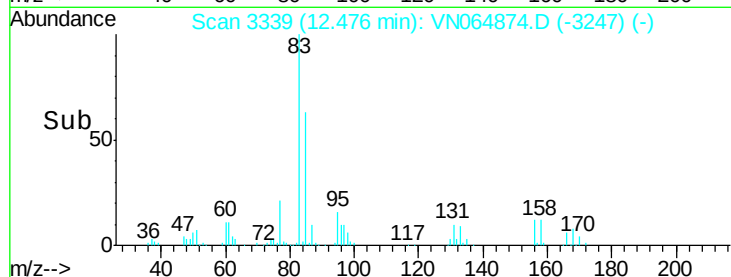
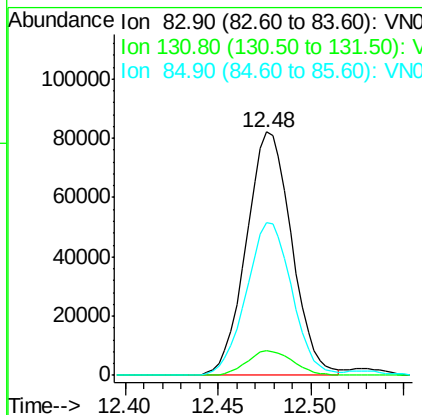
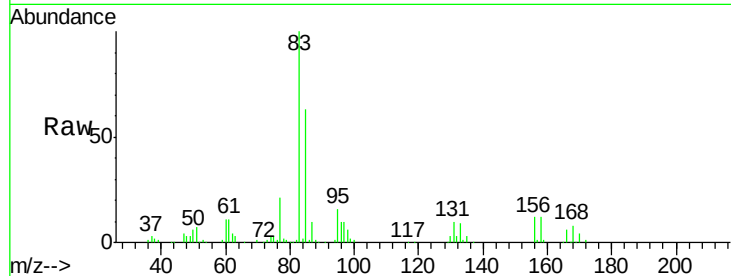
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	139564
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.3
85	63.1	33.0	99.0

Manual Integrations
APPROVED

MMDadoda
12/2/2020 12:43:21 PM



#76

1,2,3-Trichloropropane

Concen: 46.312 ug/l m

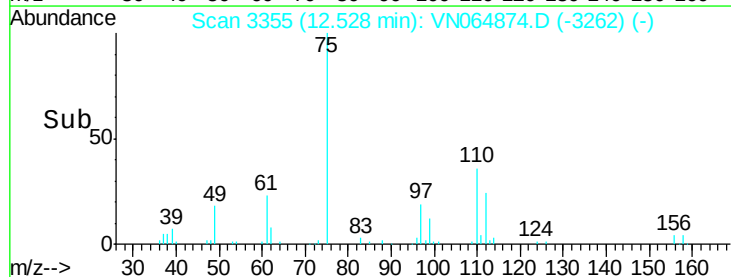
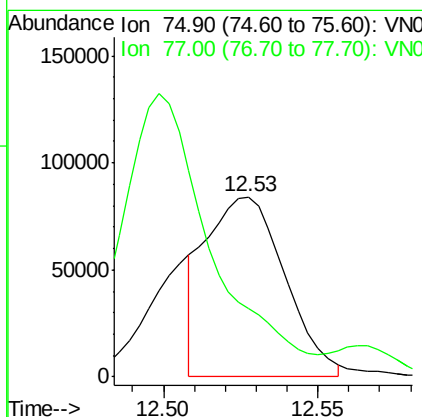
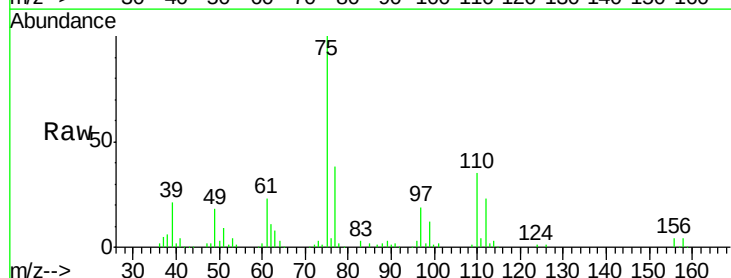
RT: 12.53 min Scan# 3355

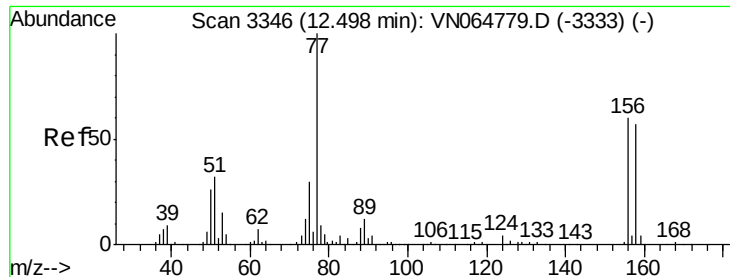
Delta R.T. 0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Tgt Ion:	75	Resp:	148979
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.416 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

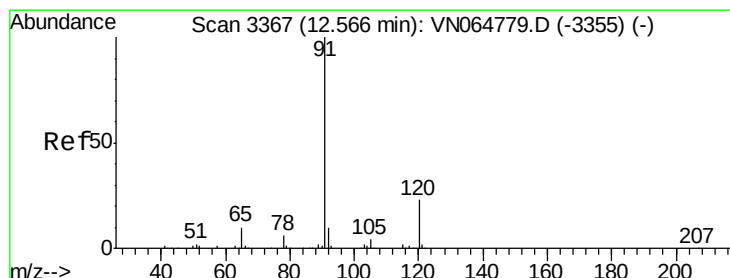
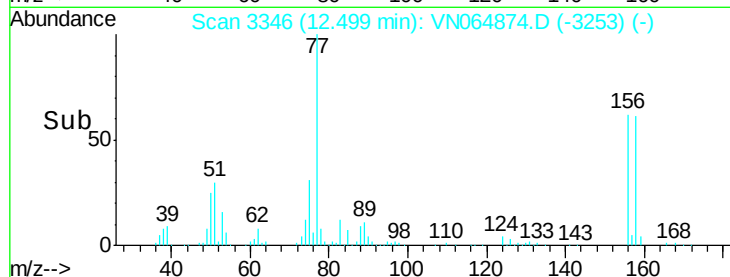
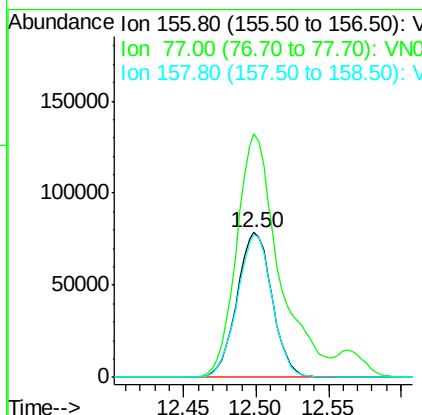
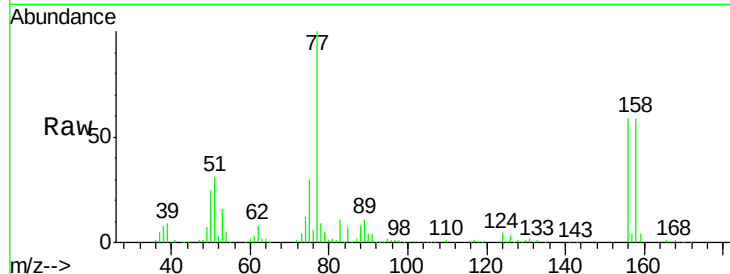
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	132815
Ion Ratio	Lower	Upper	
156	100		
77	201.9	101.3	303.7
158	97.4	48.2	144.6

Manual Integrations
APPROVED

MMDadoda
12/2/2020 12:43:21 PM



#78

n-propylbenzene

Concen: 50.935 ug/l

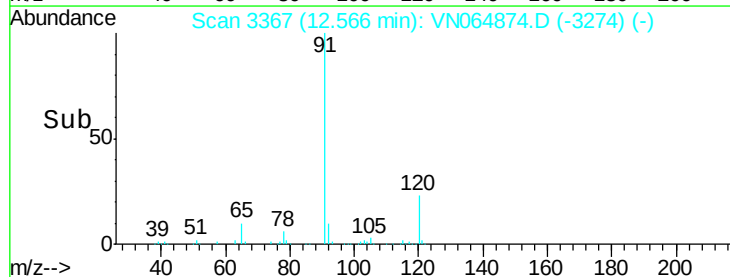
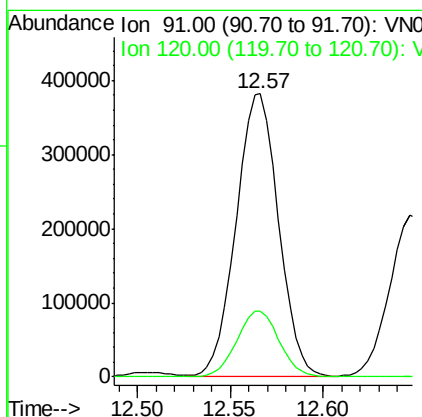
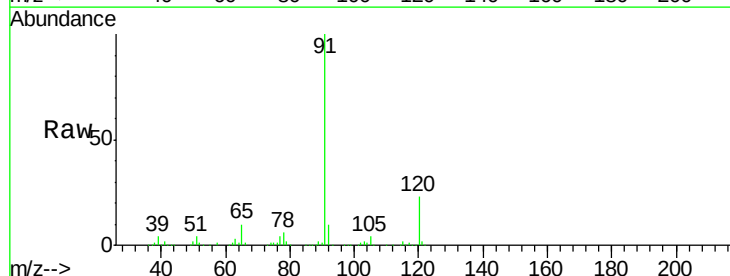
RT: 12.57 min Scan# 3367

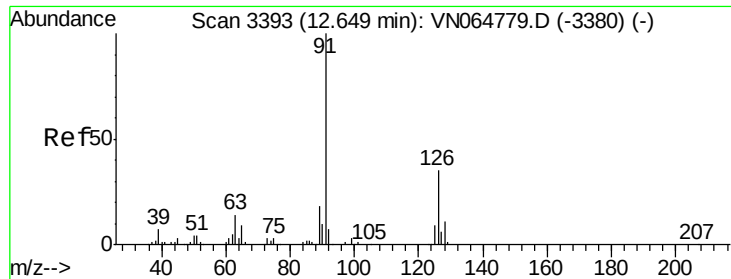
Delta R.T. 0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Tgt Ion:	91	Resp:	602872
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.6	34.7





#79

2-Chlorotoluene

Concen: 48.517 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 354965

Ion Ratio Lower Upper

91 100

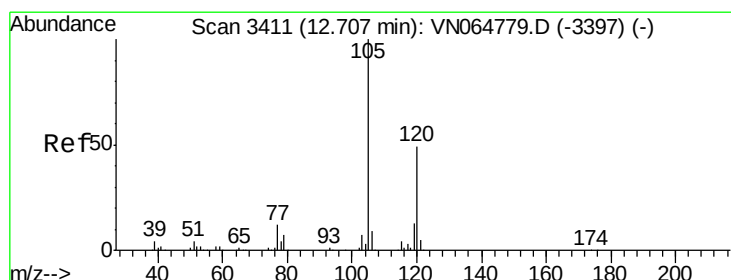
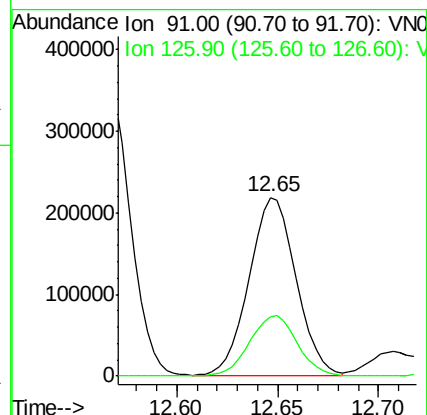
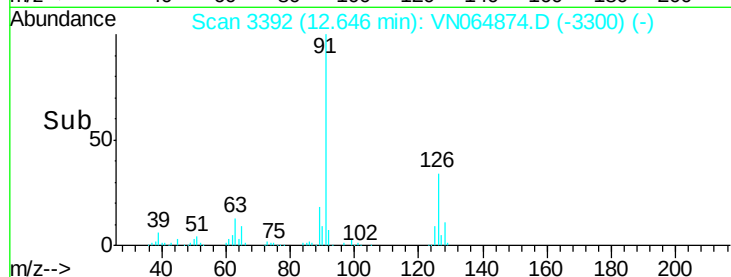
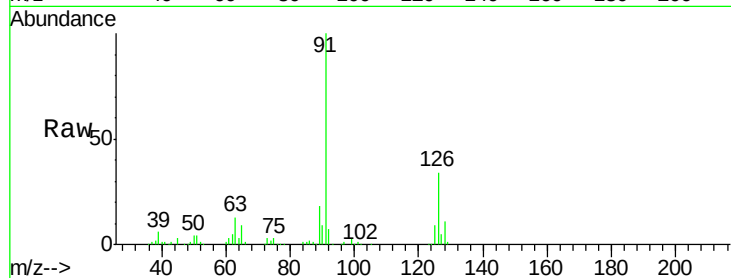
126 34.7 17.2 51.6

Manual Integrations

APPROVED

MMDadoda

12/2/2020 12:43:21 PM



#80

1,3,5-Trimethylbenzene

Concen: 51.352 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064874.D

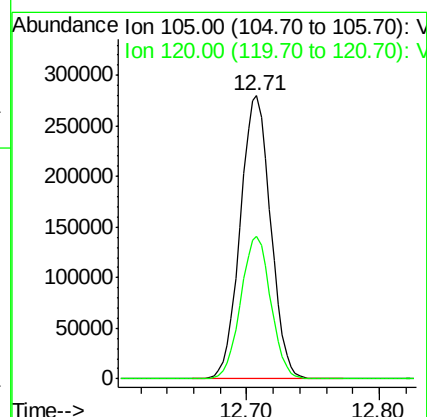
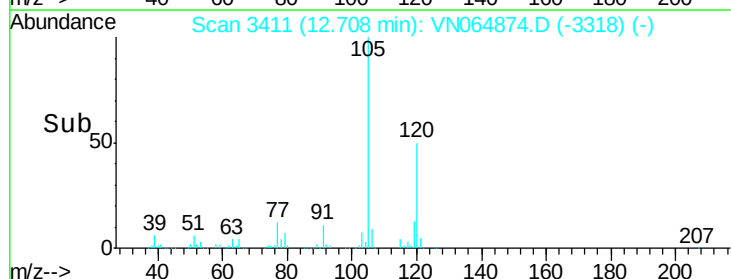
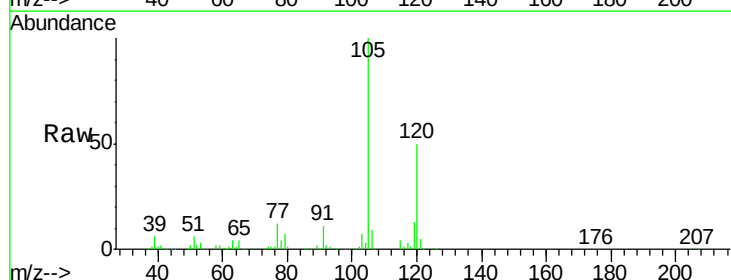
Acq: 1 Dec 2020 10:55

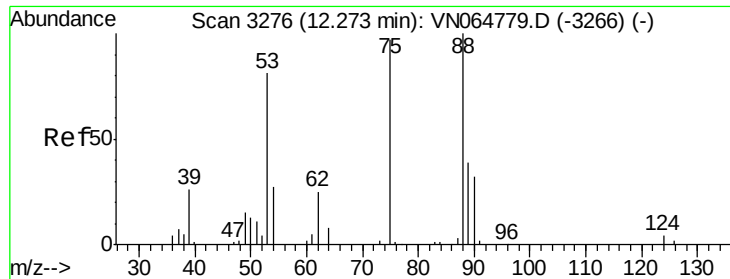
Tgt Ion: 105 Resp: 443476

Ion Ratio Lower Upper

105 100

120 50.0 24.6 73.6





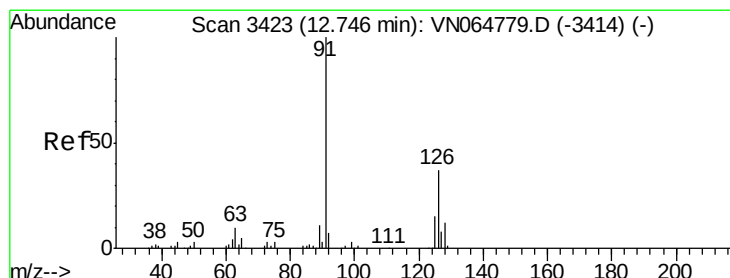
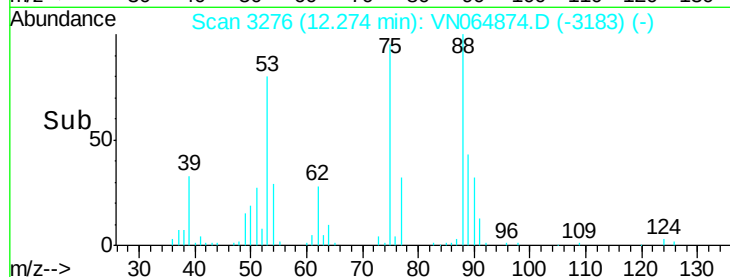
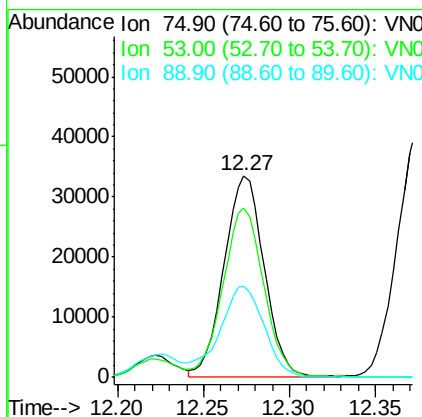
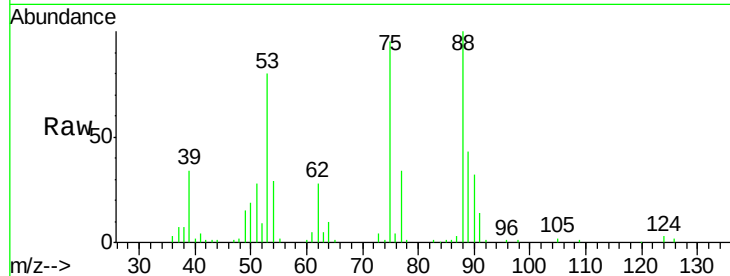
#81
trans-1,4-Dichloro-2-butene
Concen: 46.743 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.4	67.0	100.4
89	49.4	39.6	59.4

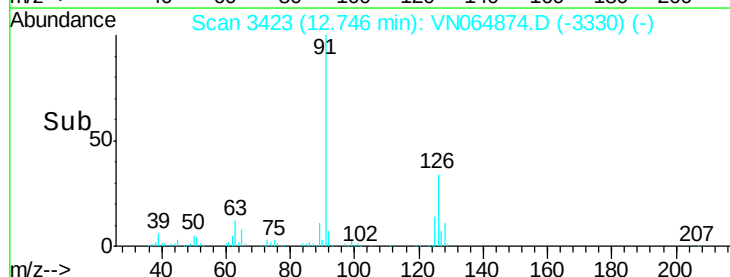
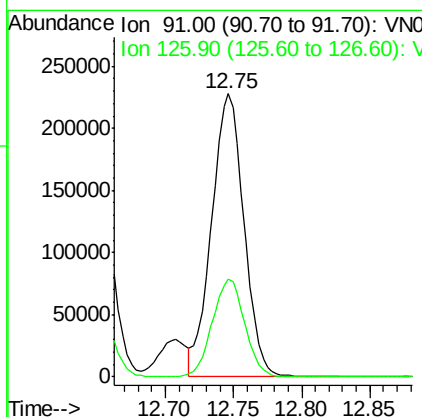
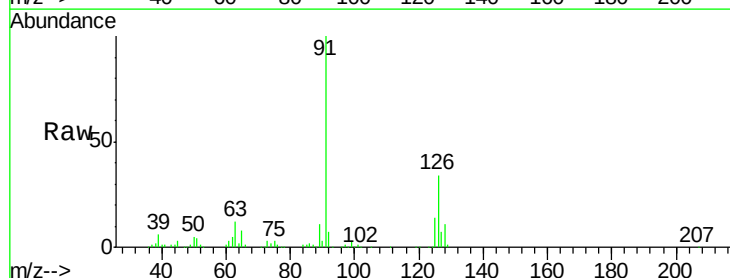
Manual Integrations
APPROVED

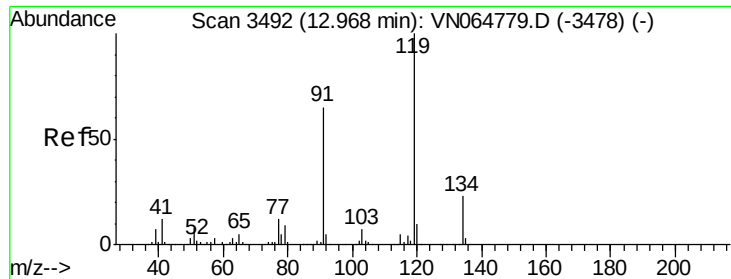
MMDadoda
12/2/2020 12:43:21 PM



#82
4-Chlorotoluene
Concen: 48.613 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.7	16.9	50.7





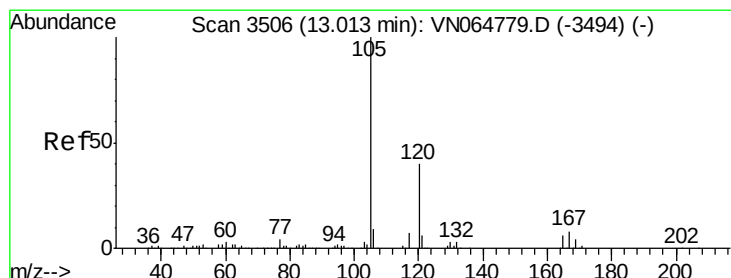
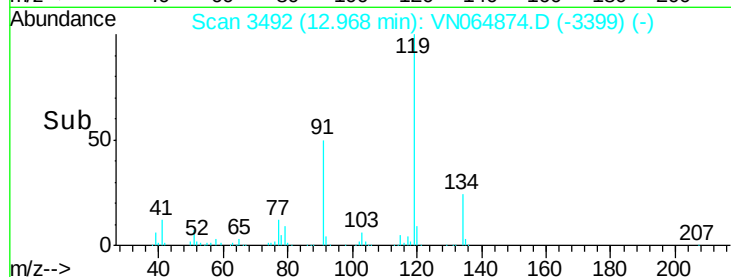
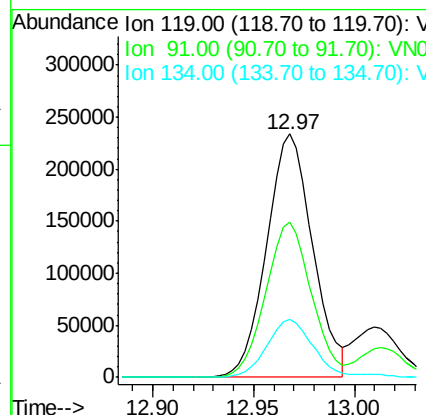
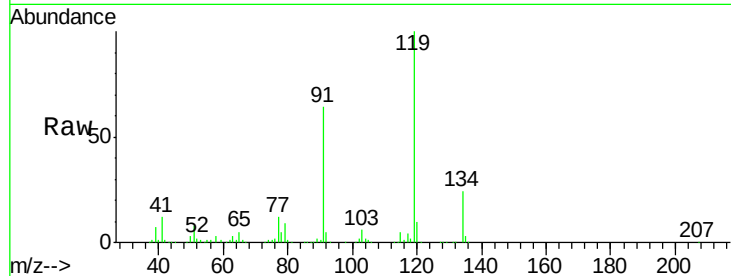
#83
 tert-Butylbenzene
 Concen: 51.320 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	371487		
91	63.3		32.3	96.8
134	24.5		12.6	37.6

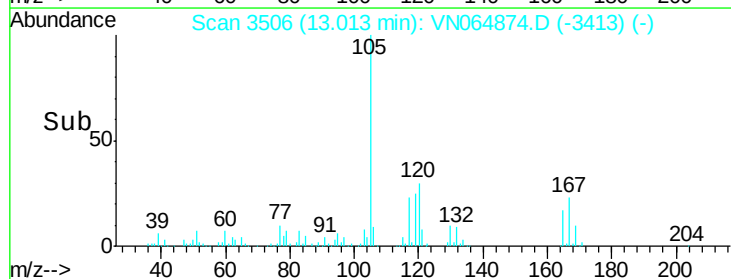
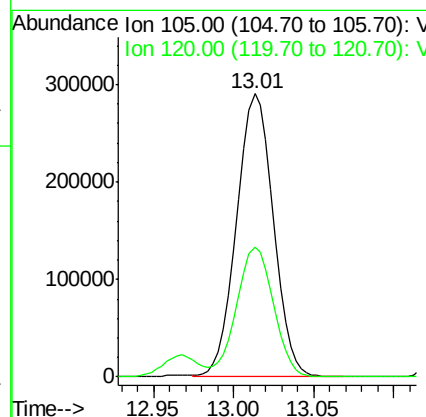
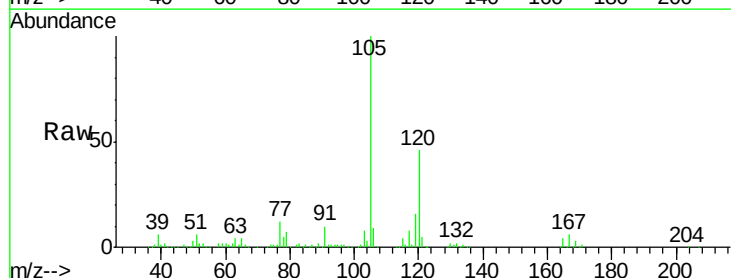
Manual Integrations
 APPROVED

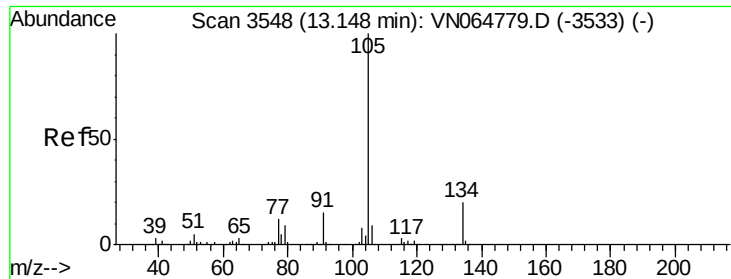
MMDadoda
 12/2/2020 12:43:21 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 51.822 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	452490		
120	46.3		23.1	69.2





#85

sec-Butylbenzene

Concen: 51.837 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 498201

Ion Ratio Lower Upper

105 100

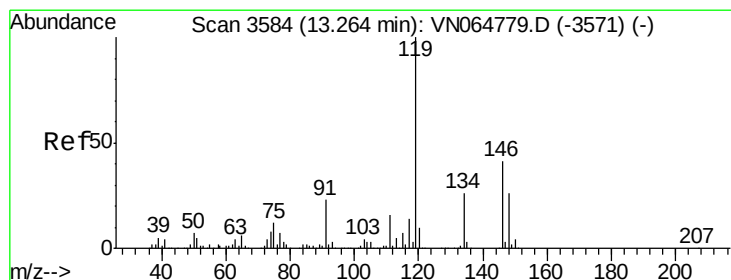
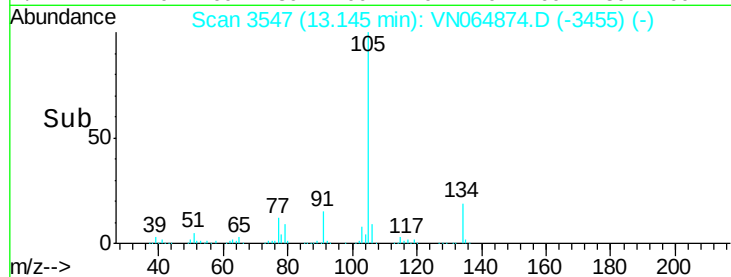
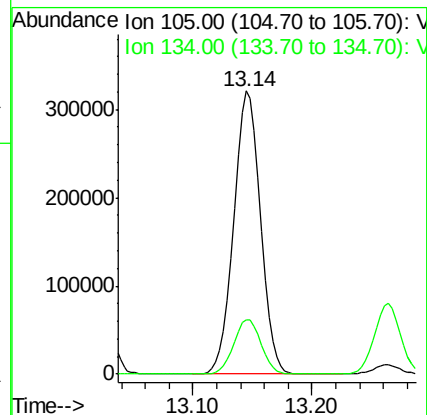
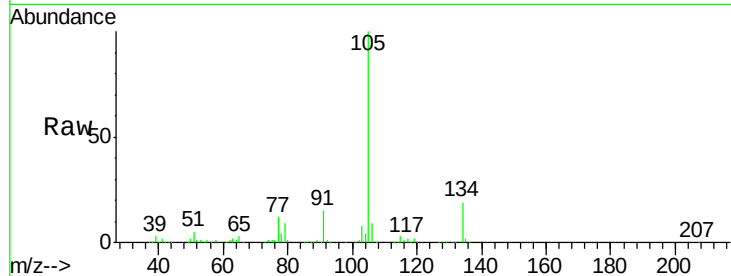
134 19.7 10.1 30.1

Manual Integrations

APPROVED

MMDadoda

12/2/2020 12:43:21 PM



#86

p-Isopropyltoluene

Concen: 53.655 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

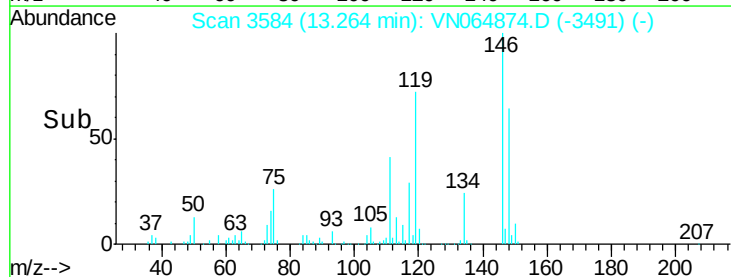
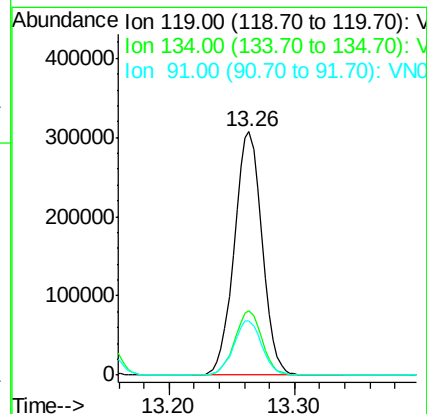
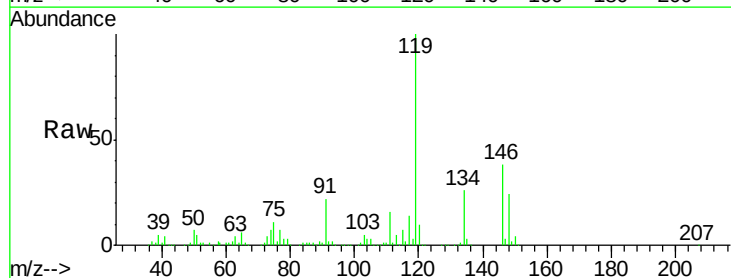
Tgt Ion:119 Resp: 469484

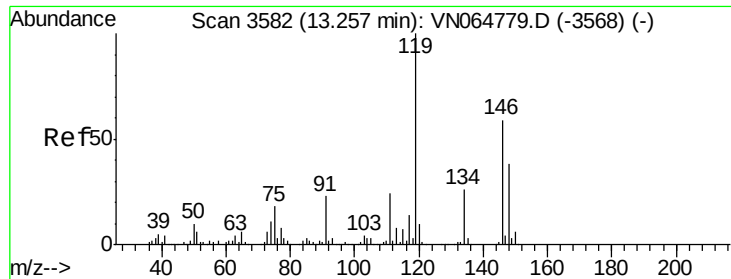
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 22.7 11.5 34.5





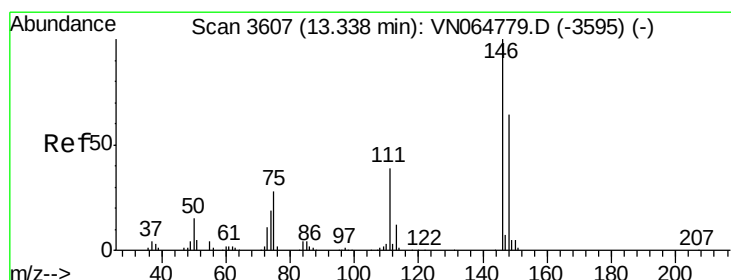
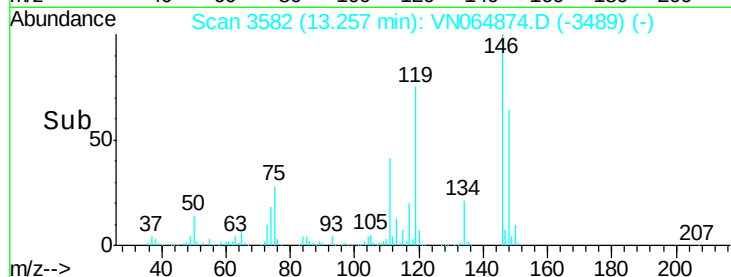
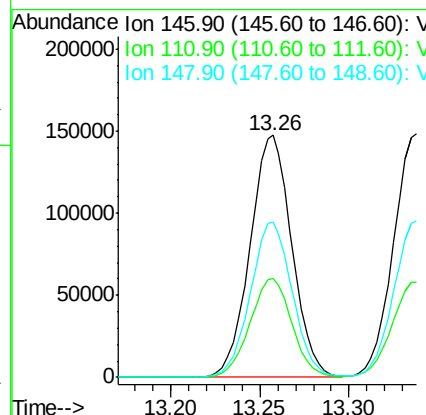
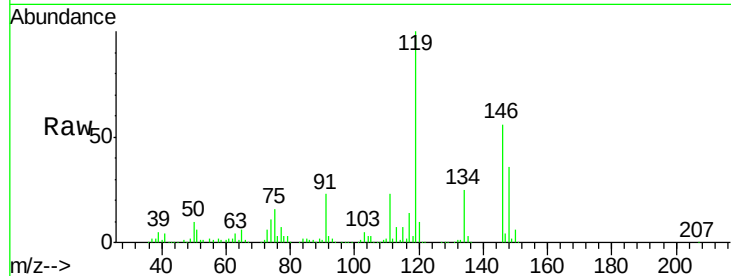
#87
 1,3-Dichlorobenzene
 Concen: 48.468 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.6	61.9
148	64.4	31.9	95.5

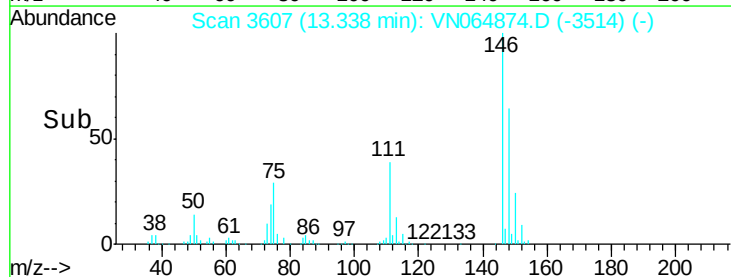
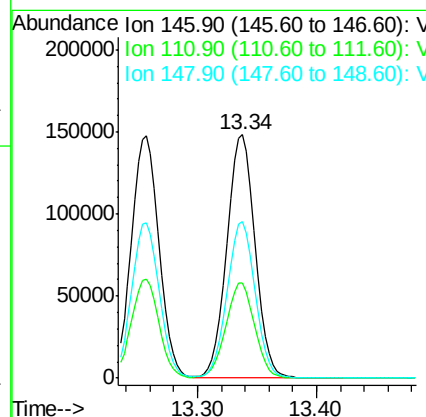
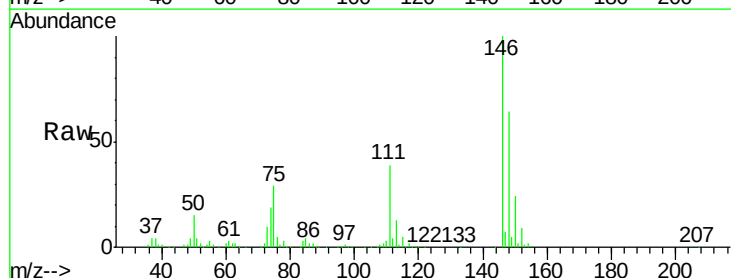
Manual Integrations
 APPROVED

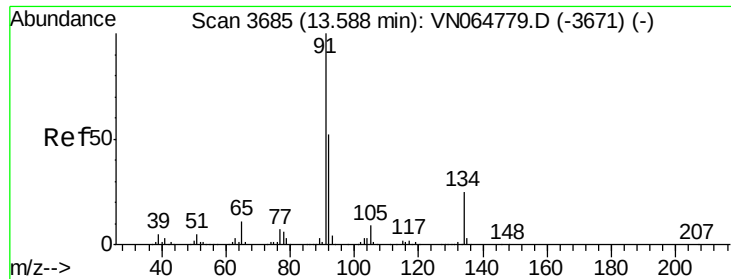
MMDadoda
 12/2/2020 12:43:21 PM



#88
 1,4-Dichlorobenzene
 Concen: 46.432 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.8	59.3
148	63.6	31.9	95.5





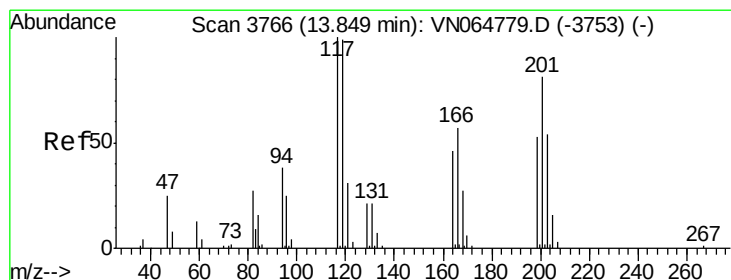
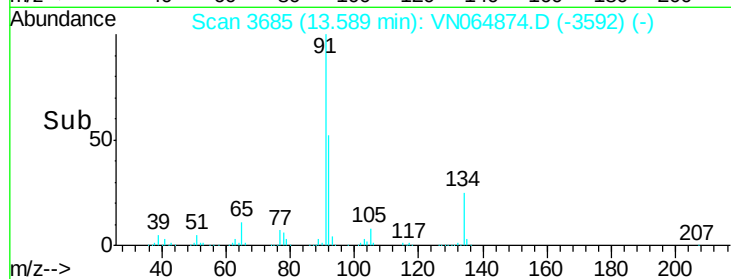
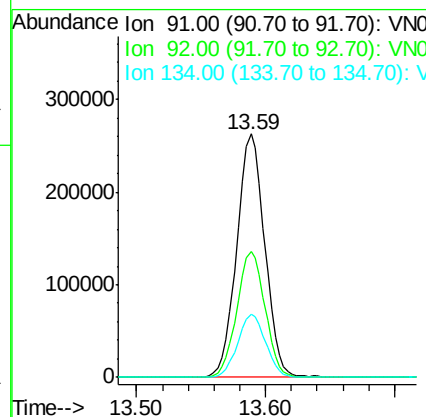
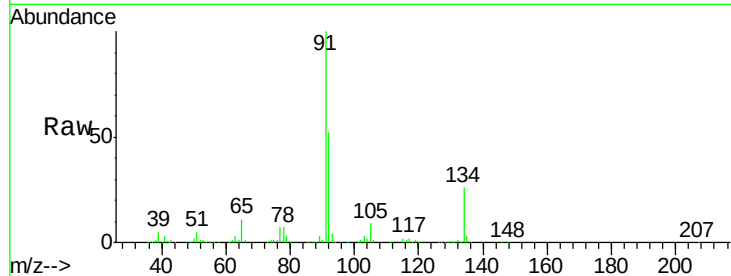
#89
n-Butylbenzene
Concen: 51.617 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	396638		
92	52.0		26.0	78.0
134	26.0		12.9	38.6

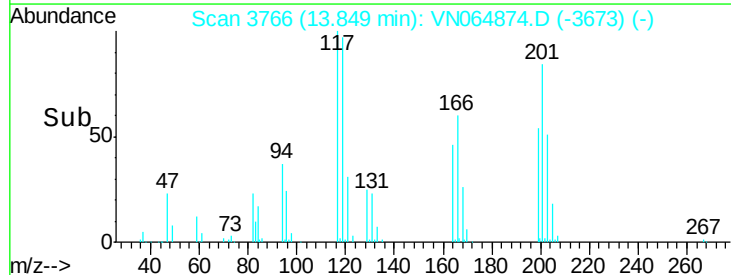
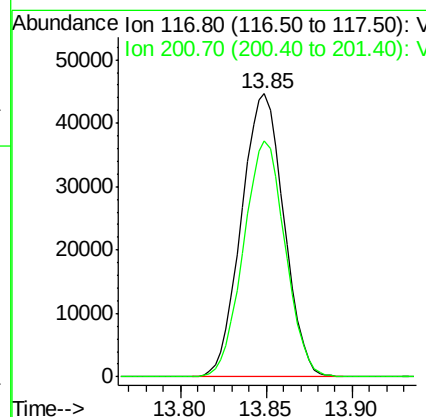
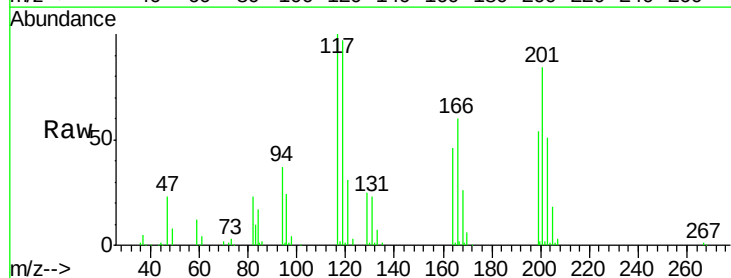
Manual Integrations
APPROVED

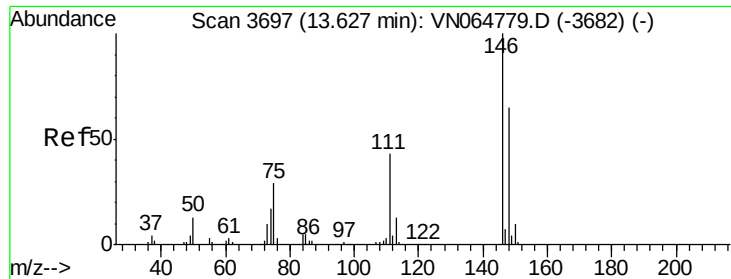
MMDadoda
12/2/2020 12:43:21 PM



#90
Hexachloroethane
Concen: 50.318 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	76487		
201	81.9		40.1	120.3





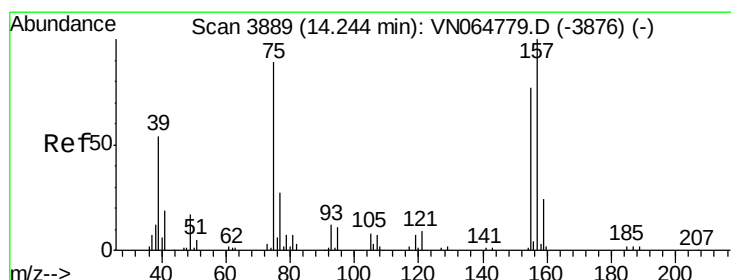
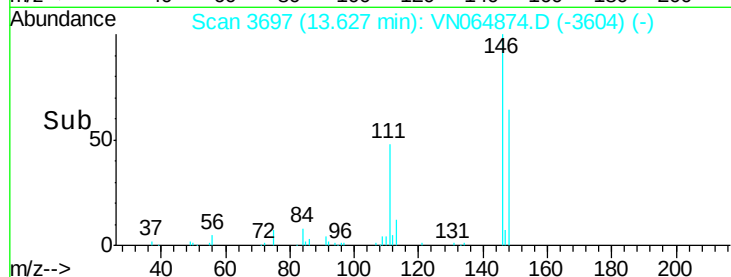
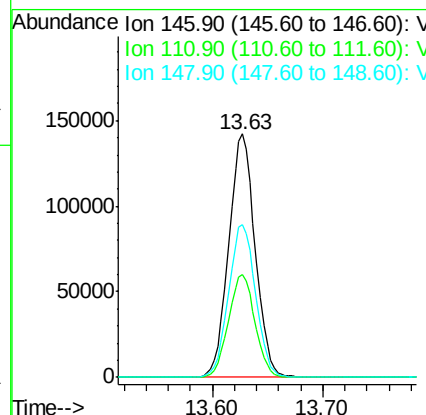
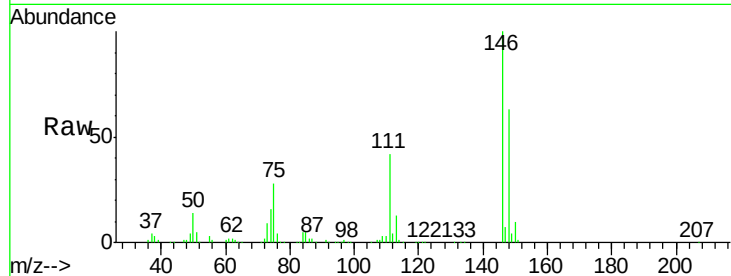
#91
 1,2-Dichlorobenzene
 Concen: 48.251 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.1	63.1
148	64.6	32.0	96.2

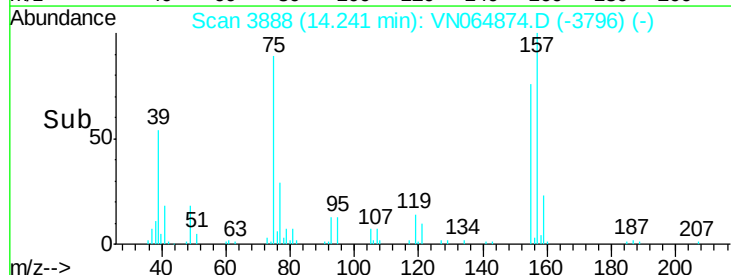
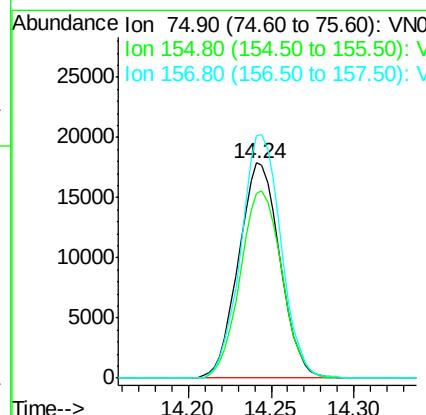
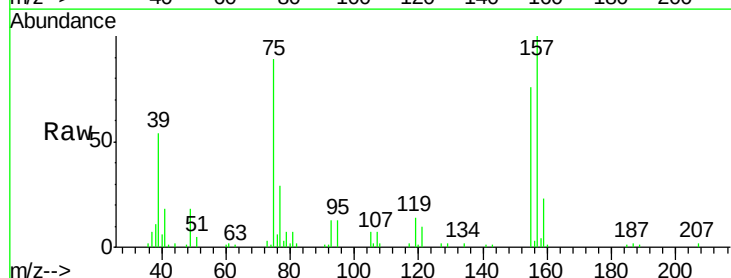
Manual Integrations
 APPROVED

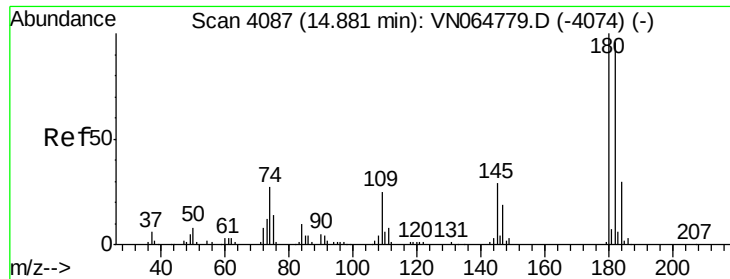
MMDadoda
 12/2/2020 12:43:21 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.325 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.2	42.8	128.3
157	110.1	56.4	169.1





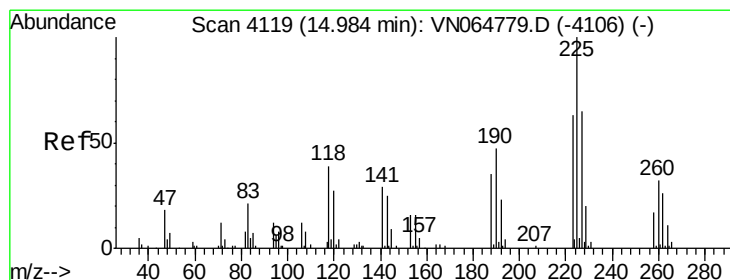
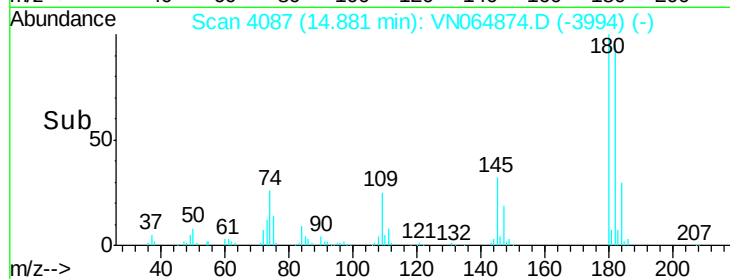
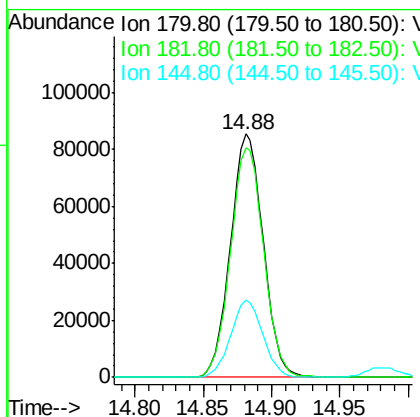
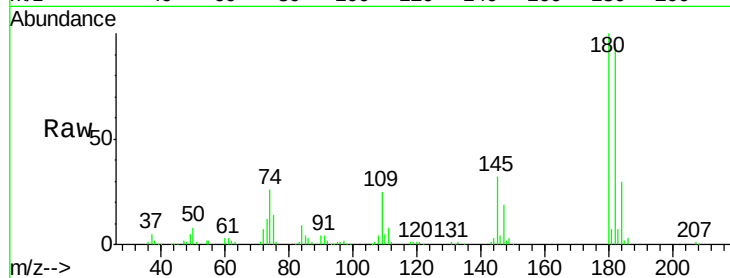
#93
 1,2,4-Trichlorobenzene
 Concen: 47.081 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	142317		
182	95.6	47.6	142.9	
145	31.1	15.3	45.8	

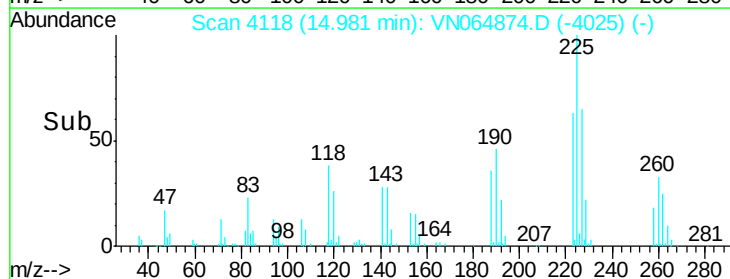
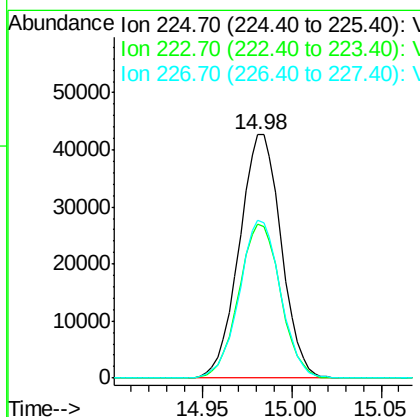
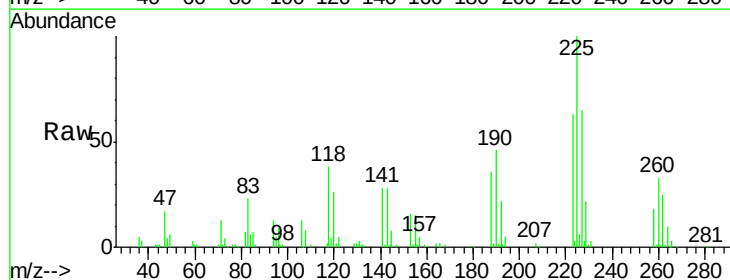
Manual Integrations
 APPROVED

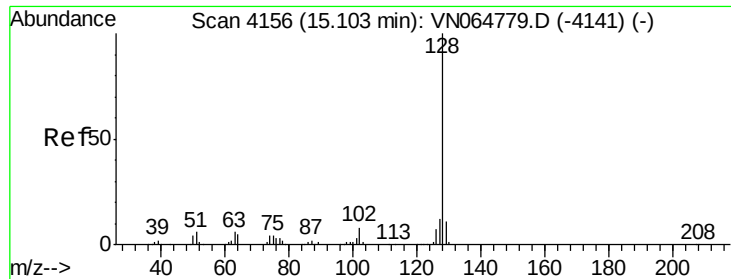
MMDadoda
 12/2/2020 12:43:21 PM



#94
 Hexachlorobutadiene
 Concen: 51.370 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	69940		
223	62.7	31.0	93.0	
227	63.4	32.0	96.0	





#95

Naphthalene

Concen: 45.598 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

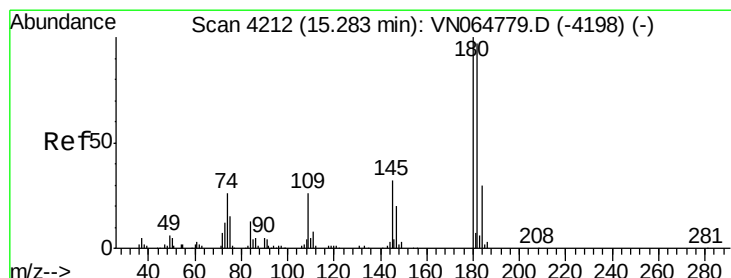
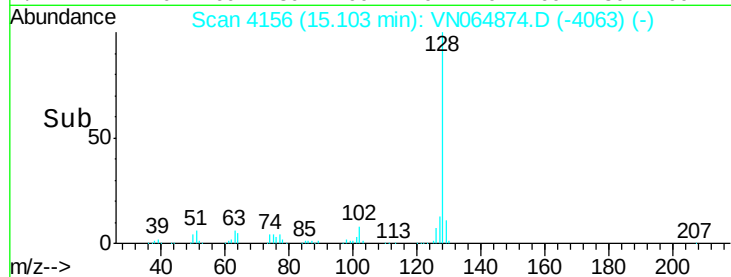
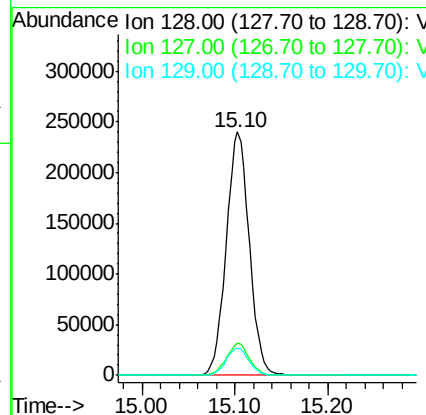
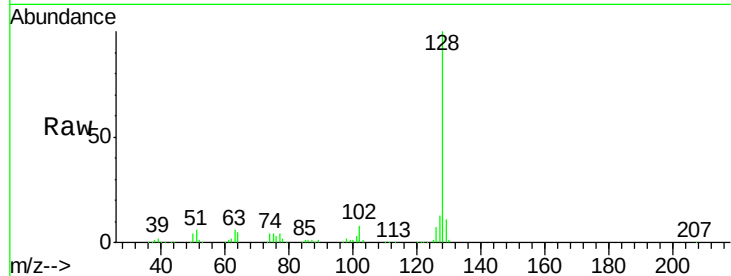
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	412933
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
12/2/2020 12:43:21 PM



#96

1,2,3-Trichlorobenzene

Concen: 47.554 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Tgt Ion:	180	Resp:	136402
Ion Ratio	Lower	Upper	
180	100		
182	97.3	48.1	144.4
145	32.2	16.4	49.1

